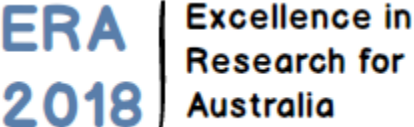


1. ERA2018	2
1.1 ERA2018 module development plans and timescales	3
1.1.1 ERA2018 module development plans	4
1.1.1.1 Phase 1 ERA2018 module development	5
1.1.1.2 Phase 2 ERA2018 module development	6
1.1.1.3 Phase 3 ERA2018 module development candidates	10
1.1.1.4 Phase 4 ERA2018 module development candidates	15
1.1.1.5 Other items	21
1.1.1.6 ERA2018 module initial development plans	24
1.1.1.6.1 ERA2018 module audit of requirements	33
1.1.1.6.2 ERA2018 module development priorities	37
1.2 ERA2018 module documentation	44
1.2.1 Getting started with ERA2018	45
1.2.2 ERA2018 User roles	54
1.2.3 ERA2018 Indicator summary	56
1.2.4 ERA2018 Researchers	57
1.2.4.1 ERA2018 Researchers - Bulk editing of content	58
1.2.4.2 ERA2018 Researchers - Import records	62
1.2.4.3 ERA2018 Researchers - Summary screens	64
1.2.4.3.1 ERA2018 Researchers - Academic Level Profile	65
1.2.4.3.2 ERA2018 Researchers - Tabular view of editable list	66
1.2.5 ERA2018 Research Outputs	67
1.2.5.1 ERA2018 Research Outputs - Author Collaborations and Hyperauthorship	69
1.2.5.2 ERA2018 Research Outputs - Bulk editing of content	74
1.2.5.3 ERA2018 Research Outputs - EID Tagging	76
1.2.5.4 ERA2018 Research Outputs - Import records	84
1.2.5.5 ERA2018 Research Outputs - Mapping output types	87
1.2.5.6 ERA2018 Research Outputs - Reference period	89
1.2.5.7 ERA2018 Research Outputs - Summary screens	90
1.2.5.7.1 ERA2018 Research Outputs - Monitoring screen	91
1.2.5.7.2 ERA2018 Research Outputs - Peer Review - Monitoring screen	94
1.2.5.7.3 ERA2018 Research Outputs - Profile	95
1.2.5.7.4 ERA2018 Research Outputs - Tabular view of editable list	96
1.2.5.8 ERA2018 Research Outputs - Warnings	97
1.2.5.9 ERA2018 Research Outputs - Citations	99
1.2.6 ERA2018 Research Income	104
1.2.7 ERA2018 Applied Measures	106
1.2.8 ERA2018 Submission XML and Validation	111
1.2.8.1 ERA2018 Business rules and verification in Pure	117
1.2.8.2 ERA2018 Submission XML validation notes	121
1.3 ERA2018 Reference periods and census date	122
1.4 ERA Working Group	123

ERA2018



ERA2018 Module development
Development Plans and Timescales

ERA2018 released functionality
ERA2018 Module documentation

ERA2018 Reference periods and census date
Reference periods and census date

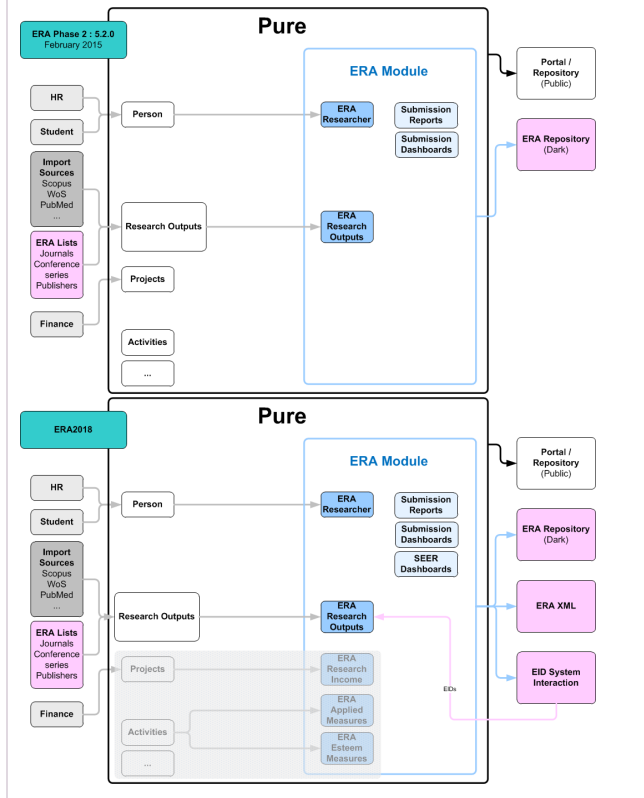
ERA Working Group
ERA Working Group

ERA2018 module development plans and timescales

ERA2018 Module development

[ERA2018 module development plans](#)

ERA Module development diagrams



Current expected timescales

Draft ERA2018 requirements expected to be published mid 2017 (maybe July?)

- As ARC is currently focusing on the new Impact & Engagement Assessment, and acknowledge the additional burden this will be placing on institutions, it is expected that the ERA2018 submission requirements are expected to remain as consistent as possible with the ERA2015 submission requirements
- Final guidelines are expected to be published October 2017

ERA2018 module development plans



The following is the current version of the ERA2018 module development plans. This follows on from the [development priorities](#) and [initial development plans](#) discussed by the [ERA Working Group](#) at its meetings in August and November 2016.

Current expected timescales for the publication of submission requirements are outlined at [ERA2018 module development plans and timescales](#).

ERA Module scope

We intend to deliver a complete ERA module to customers, enabling the creation of the full ERA submission XML via Pure, and supporting an ERA repository for reviewers to access content.

In terms of submission management functionality (e.g. summary screens, creation of content), we will concentrate our development resources where we can offer the most value, specifically focussing on Research Output content.

ERA2018 Module Development Plans

We intend to deliver ERA2018 functionality over 3 phases during 2017. Details are available via the links below:

- [Phase 1 : 5.8 : February 2017](#)
- [Phase 2 : 5.9 : June 2017](#)
- [Phase 3 : 5.10 : October 2017](#)
- [Phase 4 : 5.11 : February 2018](#)
- [Other items](#)

Phase 1 ERA2018 module development



Phase 1 development is almost complete, currently (December 2016) in the Quality Assurance phase of testing. Phase 1 will be delivered in February 2017. In summary, Phase 1 includes the following functionality:

- Re-badge the ERA module as ERA2018, including updating reference periods and dates
- Deliver functionality to enable institutions to define their own mapping from Pure Research Output types to ERA Research Output types

Phase 1 : 5.8 : February 2017

Item	Functionality type	Priority	Notes	23 Aug WG Notes	1 Nov WG Notes	Initial specification
Re-badge module as ERA2018 <ul style="list-style-type: none"> • Rename ERA2018 • Update reference periods / dates 	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> • Based on confirmation from customers, have assumed that the ERA module currently installed is not populated. Any content that is currently in the module will be deleted. • Will enable customers to start populating the ERA2018 module with ERA Researchers and ERA Research Outputs 	<ul style="list-style-type: none"> • Any existing content in the ERA module will be deleted upon move to ERA2018 	<ul style="list-style-type: none"> • Was clarified that it would be expected that for the next submission (e.g. ERA2021), the ERA2018 module and its content would remain and a new module for 2021 created 	<ul style="list-style-type: none"> • References to ERA2015 replaced with ERA2018 • Reference periods and dates updated • Delete any existing content in the ERA module
Update functionality to enable institutions to define their own mapping to ERA Output types	IMPROVED FUNCTIONALITY	MUST HAVE	<ul style="list-style-type: none"> • Currently, the mapping of Pure output types to ERA Research Output types is hard coded • This should be updated to enable customers to define their own mapping (within some boundaries (otherwise there may be issues with the mapping of content to the appropriate ERA fields)), as there may be variation across Pure instances is output types used / names employed, etc. 			<ul style="list-style-type: none"> • Deliver a default mapping of Pure output types to ERA Research Output types, that can be updated by customers (via upload of a revised XML file)

Phase 2 ERA2018 module development



Phase 2 commenced in February 2017. Expected delivery is June 2017.

Phase 2 : 5.9 : June 2017				
Item	Functionality type	Priority	Specification	
1	<p>SUBMISSION REQUIREMENT</p> <p>ERA Research Outputs : Peer Review : Monitoring</p>	MUST HAVE	<p>ERA Research Outputs : Peer Review : Monitoring</p> <p>Screen will display total counts for the monitoring, and the screen is shared by all.</p> <p>Purpose of the 'Sample Selected' section of the table is for the user to assess whether the required 30% of outputs for each output type have been nominated for Peer Review, and to judge whether those nominated have been selected from a representative sample of ERA Researchers.</p> <p>Provide additional detail to that offered in the Monitoring screen.</p> <p>Purpose of the 'Access to reports' section is for the user to assess issues relating to the access to outputs nominated for Peer Review.</p>	
2	<p>SUBMISSION REQUIREMENT</p> <p>ERA Research Outputs : Summary</p> <p>NEW REQUIREMENT</p>	SHOULD HAVE	<p>Update existing ERA Research Outputs : Summary screen to reflect Peer Review sample selection rules.</p> <p>The ERA Research Outputs : Summary screen currently has a column for < 30% nominated for Peer Review. This should be updated current logic (i.e. not just < 30%, but <= 30%, and totals calculated in a different way), and ties in with the logic for the new ERA Research Outputs : Monitoring screen.</p> <p>If the calculations required are too complex, suggest removing the Peer Review columns from the ERA Research Outputs : Summary screen.</p>	
3	<p>IMPROVED FUNCTIONALITY</p> <p>ERA Research Outputs</p> <p>Update functionality to enable the automatic creation of ERA Research Output records, upon Research Output creation in Pure</p>	SHOULD HAVE	<ul style="list-style-type: none"> Without automating the creation of ERA Research Output records, each ERA Research Output must be created manually (individually), making the process much more cumbersome, and results in peaks of submission activity, rather than a more 'steady' submission preparedness Will work in conjunction with the mapping file delivered in 5.8 An ERA Research Output record will be created for all outputs where the output type is included in the mapping file and the output is created during the reference period Aim to deliver as a configuration option Trigger rather than a job <ul style="list-style-type: none"> Therefore, may need to disable the facility to delete (note will also need to change bulk actions available) Planned features of the functionality: <ul style="list-style-type: none"> Provide a configuration that would enable Administrator to define the minimum workflow step for ERA content to be created (once Research Output record Validated?) Plan to introduce functionality such that the associated Pure output is locked (other than fields such as Relations and Eligibility) once ERA output in 'Eligible' state and ERA workflow beyond Entry in Progress All auto-created content should be assigned Eligibility = Under review (therefore users will be able to identify newly created records by combo of Eligibility + created date) If output type doesn't exist in mapping, then don't create ERA Research Output record If output type changed, this should auto-change the ERA output type (same with all other metadata - it's not a sync operation) Output must be associated with an eligible / under review ERA Researcher before ERA Research Output created (and if Person becomes an ERA Researcher, ERA Output record should be created at that point) What if output record is changed such that it's no longer eligible (e.g. output type changed, year published changed)? <ul style="list-style-type: none"> Current functionality is: <ul style="list-style-type: none"> If year changes, no notification - we need to change this (and add column to ERA Research Outputs monitoring screen) If no longer associated with an eligible / under review ERA Researcher (either ERA Researcher record flagged as Not eligible), we flag this (need to add column to ERA Research Outputs monitoring screen) If output type changes to no longer supported, no notification - we need to change this (and add column to ERA Research Outputs monitoring screen) 	

4

ERA Research Outputs

SUBMISSION MANAGEMENT

NICE TO HAVE

Matrix view of Editable list

ERA Research Outputs : Matrix / Tabular view

Also add columns as per eligibility above (i.e. Not in ERA Reference period, Not associated with ERA Researcher, Type not supported)

Year to be defined as follows:

- Take the 'ePub ahead of print' year from the associated Research Output, if populated
- Otherwise, take the 'Published' year from the associated Research Output
- If none of these are populated, show the most recent year (but these get flagged up in the ERA Research Outputs monitoring)

5

ERA Research Outputs

SUBMISSION MANAGEMENT

NICE TO HAVE

Bulk actions

Offer the following bulk actions:

- Eligibility
 - As a 'Reason' is a required field when Eligibility = No, we should introduce functionality like we have with the A would allow the selection of the reason
 - If allowing different Reasons for different ERA Researchers is too problematic, we may only be able to offer the single Reason for all selected ERA Researchers
- Nominate for Peer Review
 - this is only relevant to Peer Review FoRs - so messaging of bulk action will need to flag up if an output Review FoR has been attempted to be nominated for Peer Review
 - If >1 FoR assigned to output, it will simply take the first FoR assignment from the list (and advise in the has happened (and what FoR was assigned))
- Workflow
- Delete

6

Summary Screens

SUBMISSION MANAGEMENT

SHOULD HAVE

ERA Research Outputs : Profile

ERA Research Outputs : Profile

This screen replicates elements of the ERA2018 Indicator(s) Research outputs (Tables 6 and 7) - Research Output by Year (Table 10)

Screen will display total counts for the institution, until the screen is filtered by FoR

If a Citation Discipline is selected, do not display multiple NTD types

7

Summary screens

SUBMISSION MANAGEMENT

SHOULD HAVE

ERA Researchers : Academic Level Profile

ERA Researchers : Academic Level Profile

This screen replicates elements of the ERA2018 Indicator(s) FTE Profile by Academic Level (Table 11)

Screen will display total counts for the institution, until the screen is filtered by FoR

8	ERA Research Income xml import	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> Deliver functionality to enable the import of ERA Research Income (via xml (use same schema as ERA submission xml)) Functionality to edit the content in Pure will not be developed 																																																						
9	Summary screens ERA Research income	SUBMISSION MANAGEMENT	SHOULD HAVE	<h3>ERA Research Income : Summary</h3> <thead> <tr> <th>HERDC Category</th> <th>Research Income type</th> <th>2014</th> <th>2015</th> <th>2016</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Australian competitive grants</td> <td>\$17,532</td> <td>\$23,469</td> <td>\$131,142</td> <td>\$172,143</td> </tr> <tr> <td>2</td> <td>Other public sector research income</td> <td>\$112,990</td> <td></td> <td></td> <td>\$112,990</td> </tr> <tr> <td>3</td> <td>Total industry and other research income</td> <td></td> <td></td> <td>\$41,303</td> <td>\$41,303</td> </tr> <tr> <td></td> <td>3(i) Australian</td> <td></td> <td></td> <td>\$41,303</td> <td>\$41,303</td> </tr> <tr> <td></td> <td>3(ii) International A</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>3(iii) International B</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>CRC research income</td> <td>\$119,559</td> <td>\$176,740</td> <td>\$192,066</td> <td>\$479,365</td> </tr> <tr> <td></td> <td>TOTAL</td> <td>\$250,081</td> <td>\$191,209</td> <td>\$364,511</td> <td>\$805,801</td> </tr> </tbody>	HERDC Category	Research Income type	2014	2015	2016	Total	1	Australian competitive grants	\$17,532	\$23,469	\$131,142	\$172,143	2	Other public sector research income	\$112,990			\$112,990	3	Total industry and other research income			\$41,303	\$41,303		3(i) Australian			\$41,303	\$41,303		3(ii) International A						3(iii) International B					4	CRC research income	\$119,559	\$176,740	\$192,066	\$479,365		TOTAL	\$250,081	\$191,209	\$364,511	\$805,801
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Annotations on the screenshot include: 'This screen replicates elements of the ERA2015 Indicator(s) - HERDC Research Income by year of reference period (table 2)', 'Screen will display total counts for the institution, until the screen is filtered by FoR', and 'Pure The University of X' at the top.

10	ERA Research Income xls import	SUBMISSION MANAGEMENT	NICE TO HAVE	- In addition to delivering functionality to import ERA Research Income via xml (see above), deliver functionality to also enable Research income via xls																																																		
11	ERA Research Outputs Update ERA lists (Journal Articles, Conferences, Publishers)	SUBMISSION REQUIREMENT	MUST HAVE	- Ensure customers can use ERA2015 lists until ERA2018 lists are available, at which point they must be able to replace the lists - Can deliver the functionality prior to the lists being published (assuming it is expected that the lists retain the same format as ERA2015) - Copy the existing ERA2015 jobs and functionality, re-badging them as ERA2018 - Running the ERA2018 job should delete the ERA2015 info - Note that it looks like the Conference list for ERA2018 will no longer contain FoR information																																																		
12	Submission requirements Update ERA module-based on changes to submission requirements	SUBMISSION REQUIREMENT	MUST HAVE	- Depending on when submission requirements are published, may need to be delayed to Phase 3 - Check ERA Research Output form continues to function as expected given recent updates made to the associated Research (thinking in particular about Open Access changes), and implement any updates required **AS DRAFT SUBMISSION REQUIREMENTS WON'T BE PUBLISHED UNTIL JULY (EXPECTED), NOT POSSIBLE IN THIS PHASE**																																																		
13 BELOW THIS LINE OUT OF CURRENT SCOPE - BUT IF WE HAVE TIME, SCIVAL INTEGRATION WOULD BE WELCOMED																																																						
14	ERA Research Outputs SciVal integration	SUBMISSION MANAGEMENT	NICE TO HAVE	SciVal integration is available for Research Outputs and Persons, so it is not *imperative* that it also be available in the ERA module Working Group that this is lower priority - Introduce functionality in the ERA Research Outputs list that enables users to export content to SciVal for analysis (thereby benchmarking of citation impact) - Deliver in the same way as for REF module in UK																																																		
15	ERA Portfolios Matrix view of Editable list	SUBMISSION MANAGEMENT	NICE TO HAVE	ERA Portfolios : Matrix / Tabular view	Title	ERA2018 Research Outputs	Eligibility	FoR(s)	Nominated for Peer Review	Peer Review FoR(s)	Research statement	Access to output	ERA Repository link		---	---	---	---	---	---	---	---	---		ERA Portfolio 1	Portfolio Item 1	YES	1901	YES	1901	Research statement text	✓	http://www.erasponsor.yed		ERA Portfolio 2	Portfolio Item 2	YES	1901	YES	1901	Research statement text	✗	http://www.erasponsor.yed		ERA Portfolio 3	Portfolio Item 3	NO	1903						Annotations on the screenshot include: 'Opens ERA Portfolio record', 'Opens ERA Research Output record', 'Flags up status of docs of individual portfolio items', and 'ERA-eligible document(s) attached to Portfolio Item'.

16	NO LONGER REQUIRED																																
17	ERA Researchers FTE	SUBMISSION REQUIREMENT	<ul style="list-style-type: none"> Need to consider how to accurately capture (and freeze) FTE on the census date We have the ERA Researcher import job already (which includes an FTE field) <p>Agreed at January Working Group meeting that this is not required as the ERA FTE field is not sync'ed to the FTE on the FTE</p>																														
18	ERA Researchers Update functionality to enable the automatic creation of ERA Researcher records, upon Person creation in Pure	IMPROVED FUNCTIONALITY	<p>SHOULD HAVE</p> <ul style="list-style-type: none"> Without automating the creation of ERA Researcher records, each ERA Researcher must be created manually (either in bulk or making the process much more cumbersome, and results in peaks of submission activity, rather than a more 'steady-state' of preparedness) While it is acknowledged that there are a lot of eligibility requirements that make getting automation 100% accurate very difficult, the methodology could be implemented that will accurately capture the majority of ERA Researchers based on agreed eligibility criteria. The remainder could be manually created and others manually removed or edited if applicable Will require some sort of logic that relates properties on the person to the relevant ERA Researcher values. For example: <ul style="list-style-type: none"> Person type Affiliation dates (only if active affiliation on the census date) Aim to deliver as a configuration option Trigger rather than a job <ul style="list-style-type: none"> Therefore, may need to disable the facility to delete (note will also need to change bulk actions available) <p>Suggested that for each affiliation type (staff, visitor, honorary), allow the Administrator to define the eligible Employed as types (staff, visitor, honorary) and Job Titles</p> <p>Staff</p> <p>Would be really great if we could deliver the functionality on future rather than making customers find the UI fix, etc. Makes it much easier to implement if it can be delivered automatically to all new users added to the classification scheme (staff, visitor, honorary) and remove the need to manually update the classification scheme</p> <p>Link to Staff with certain properties ERA Researcher will be created for each Person with the selected Staff Employed as types and Job Titles active on the ERA2018 census date. If no values are selected, no ERA Researcher will be created for the selected Person for Staff.</p> <table border="1"> <thead> <tr> <th>Employed as type</th> <th>Job title</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> Academic - Research</td> <td><input checked="" type="checkbox"/> Professor - established chair</td> </tr> <tr> <td><input type="checkbox"/> Academic - Research and Teaching</td> <td><input type="checkbox"/> Professor - personal chair</td> </tr> <tr> <td><input type="checkbox"/> Academic - Teaching</td> <td><input type="checkbox"/> Junior lecturer</td> </tr> <tr> <td><input checked="" type="checkbox"/> Researcher</td> <td><input checked="" type="checkbox"/> Associate professor</td> </tr> <tr> <td><input type="checkbox"/> Honorary</td> <td><input type="checkbox"/> Post professor</td> </tr> </tbody> </table> <p>Link to Staff with certain properties ERA Researcher will be created for each Person with the selected Staff Employed as types and Job Titles active on the ERA2018 census date. 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Empty, no ERA Researcher will be created for all Honorary Staff Job Titles.</p> <p>Agreed at January Working Group meeting that this is not required</p>	Employed as type	Job title	<input checked="" type="checkbox"/> Academic - Research	<input checked="" type="checkbox"/> Professor - established chair	<input type="checkbox"/> Academic - Research and Teaching	<input type="checkbox"/> Professor - personal chair	<input type="checkbox"/> Academic - Teaching	<input type="checkbox"/> Junior lecturer	<input checked="" type="checkbox"/> Researcher	<input checked="" type="checkbox"/> Associate professor	<input type="checkbox"/> Honorary	<input type="checkbox"/> Post professor	Employed as type	Job title	<input checked="" type="checkbox"/> Visiting researcher	<input checked="" type="checkbox"/> Professor - established chair	<input type="checkbox"/> Visiting professor	<input type="checkbox"/> Professor - personal chair	<input type="checkbox"/> Visiting student	<input type="checkbox"/> Junior lecturer	<input type="checkbox"/> Honorary	<input type="checkbox"/> Associate professor	<input type="checkbox"/> Researcher	<input type="checkbox"/> Assistant professor	Job title	<input checked="" type="checkbox"/> Academic - Research	<input checked="" type="checkbox"/> Academic - Research and Teaching	<input type="checkbox"/> Academic - Teaching	<input checked="" type="checkbox"/> Researcher	<input type="checkbox"/> Teaching assistant
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<input type="checkbox"/> Teaching assistant																																	
19	Two-way interaction with external systems	SUBMISSION MANAGEMENT	<p>NICE TO HAVE</p> <ul style="list-style-type: none"> It is expected that existing Reporting functionality will satisfy the export requirements here In terms of import, offer a configuration on the existing import jobs to overwrite existing ERA content (currently the jobs do not overwrite existing ERA content) <ul style="list-style-type: none"> Note that associated content (e.g. Persons, Research Outputs) cannot be updated in bulk this way - it will only be ERA records that will be bulk editable If this configuration option is turned on, the content will be treated as synchronised content and will be locked (for the expectation that content is edited elsewhere) <p>Agreed at January Working Group meeting that this is not required</p>																														

Phase 3 ERA2018 module development candidates



Phase 3 development has commenced, but some elements will not be initiated until the Draft Guidelines (expected in July 2017) are published. Expected delivery is October 2017, but it is understood that the final Submission Requirements won't be published until October 2017. We will need to make plans to accommodate the final requirements, likely delivering updates to ERA2018 functionality during 5.10 minor releases.

Phase 3 : 5.10 : October 2017

	Item	Functionality type	Priority	Initial specification
1	ERA User roles Offer ERA FoR Roles	SUBMISSION MANAGEMENT	MUST HAVE	Currently, we only offer a global ERA Administrator role, and Organisational ERA Editor roles. Feedback indicates ERA submissions are administered / managed, which is by FoR, rather than by organisation. <ul style="list-style-type: none"> Requires FoR structure / framework to be re-designed to enable hanging roles off of them We intend to offer Editor of ERA FoR and SuperEditor of ERA FoR (Editor can only move content to 'Checked' can move content to 'Confirmed' workflow state) We intend to offer a ERA Reporter role as well where such a user can view all content in ERA module, with (plan to offer as a Global and as a FoR-based role) <p>Following 22 June meeting:</p> <ul style="list-style-type: none"> Confirmed that for some this is a high priority, for others, not so much As this improvement requires the FoR structure / framework to be re-designed, for QA reasons, this feature prior to 5.10 From 5.10, we will remove Organisational ERA Editor roles, to be replaced by FoR ERA Editor roles
2	FoR assignment / editing Jobs to enable bulk editing	SUBMISSION MANAGEMENT	SHOULD HAVE	Create two new jobs that enable FoR assignments and % apportionments to be edited in bulk. <p>Suggested import file templates:</p> <ul style="list-style-type: none"> ERA Researcher ERA Research Output (will not include ERA Portfolios) <p>Following 22 June meeting:</p> <ul style="list-style-type: none"> Add a column for 'Reason' in the import files We will aim to deliver this in 5.9.2 It was suggested to offer similar jobs for non-ERA content as well - we will investigate that option separately
3	FoR assignment / editing Improve functionality	SUBMISSION MANAGEMENT	SHOULD HAVE	The current process for assigning / editing FoRs is very cumbersome and unnecessarily time-consuming - there are improvements required in order to select the desired FoR(s) and assign the appropriate % apportionment. <p>The team is currently investigating different improvement options.</p> <p>Following 22 June meeting:</p> <ul style="list-style-type: none"> Any improvements should also apply to assigning / editing FoRs on non-ERA content

4	FoR Reassignment Update Editors + Editable Lists (tabular view)	SUBMISSION MANAGEMENT	SHOULD HAVE
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- Update Editors for ERA Researchers and ERA Research Outputs to enable the capture of 'Reason' for change from the associated Person / Research Output
 - free text field
 - only show when the associated 'warning' message "Discipline assignment and/or % apportionment(s) output are not the same as those on the related output / person" is generated
- Update Editable lists (tabular view) to show the associated Person / Research Output FoR(s) and the ERA

ERA Research Outputs : Matrix / Tabular view - ADDITIONS

Title	ERA Output type	Eligibility	Year	Citation	ERA FTE	Reason
Article XYZ	Journal article	YES	2016	12	0.01	
Book DEF	Book	YES	2015	2014	0.01	
Article ABC	Journal article	NO	2014	13	0.02	
Article LMN	Journal article	YES	2013	0	0.02	
Book ABC	Book	YES	2016	0	0.01	
Book Chapter BCD	Book chapter	NO	2016	2013	0.01	
Exhibition 10	Curated exhibition or event	YES	2015		0.01	
Article 001	Journal article	YES	2012		0.04	
Design 3	Original creative work	YES	2010		0.01	

Following 22 June meeting:

- Given that we hope to deliver the bulk edit FoR jobs in 5.9.2, including a Reason field, we may need to at least as well in 5.9.2

5	ERA Research Outputs EID System interaction	SUBMISSION REQUIREMENT	MUST HAVE
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- All outputs to be submitted to ERA as Journal Articles must have an EID (i.e. a Scopus ID)
- Ensure content required for EID System import can be extracted from Pure in the format required by the EID System
- Offer functionality to enable the ingestion of the EID output file back into Pure (excel)
- While there is existing functionality in Pure that automatically matches publications from Pure with publications in the EID System, ARC require content to be uploaded to EID System (content not uploaded cannot subsequently be imported back into Pure)
- The ERA2015 upload file template did not include a field for the institution to hold their own ID for the item in the EID System, which will make the ingestion back into Pure more efficient

Following 22 June meeting:

- After initial discussions with Scopus team, it was decided to move this back in to Phase 3 and start initial work
- Step 1 - ensure the EID System import file can be extracted from Pure
- Step 2 - ensure the EID output file can be ingested back into Pure (should not start until citation supplier is confirmed)

6	Overall submission summary	SUBMISSION MANAGEMENT	SHOULD HAVE
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Indicator Summary

FoR	ERA Researchers		ERA Researcher Outputs			Research Income	ERA Comm
	Apportioned H/C	Apportioned FTE	Traditional	Non-Traditional	Portfolios		
01 Mathematical Sciences	24.9	20.1	12.2	32.7	3	157.9	\$473,764
0101 Pure Mathematics	10.5	8	40.2	31.7	3	74.9 (89.9)	\$185,111
0102 Applied Mathematics	14.4	12.1	42.0	1.0	0	43.0	\$288,653
TOTAL	24.9	20.1	12.2	32.7	3	157.9	\$473,764

Following 22 June meeting:





- Column for LVT added (can we also deliver a filter for whether LVT has been met / not?)
- Applied measures columns to be delivered once / if that ERA submission element is delivered in the ERA module

7	Submission management Reproduction of SEER validation rules in ERA module	SUBMISSION MANAGEMENT	SHOULD HAVE Need to consider the value of spending development resource on reproducing the validation rules given the proximity of delivery (Oct) to the availability of the SEER submission system (Jan?)
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Following 22 June meeting:

- Elsevier to present options to group in July

8	Submission requirements Production of ERA submission XML file	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> Produce submission XML file as per SEER technical specification (once published) Offer functionality to download submission XML file (same as REF2014) <p>Following 22 June meeting:</p> <ul style="list-style-type: none"> The Group confirmed that when the Draft requirements are published, the draft technical pack is expected same time Agreed that we could wait until the draft guidance is published prior to beginning this task 																														
9	ERA Dark Repository ERA Dark Repository improvements	SUBMISSION REQUIREMENT	MUST HAVE	ARC have indicated that repository links should go straight to the PDF(s), so we need to: <ul style="list-style-type: none"> Update functionality such that the URL(s) provided in the submission takes the reviewer directly to the PDF Will require an update to the tabular format of ERA Research Outputs <p>Following 22 June meeting:</p> <ul style="list-style-type: none"> Agreed that this task could wait, even until 5.11 																														
10	ERA Research Outputs Confirm functionality continues to work as expected	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> ERA Research Output functionality was developed for ERA2015 prior to the introduction of multiple publication functionality, so the accuracy of this functionality needs to be checked and any updates required specified For historical reasons, customers would like to be able to override 'Is available in OA repository' tick (and refresh) from associated Research Output OA status <p>Following 22 June meeting:</p> <ul style="list-style-type: none"> Agreed that work on this task should wait until the draft guidance is published 																														
11	Submission requirements Update ERA module based on changes to submission requirements	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> As the expected timing of the release of the draft submission requirements will be right in the middle of the window, we should aim to have resources available for 5.11 to continue / complete this work <p>Following 22 June meeting:</p> <ul style="list-style-type: none"> Agreed that work on this task should wait until the draft guidance is published 																														
12	ERA Applied measures	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> Given the possibility that this element may migrate to the Impact & Engagement Assessment, we will not start development until we have confirmation of the ERA2018 submission requirements Deliver functionality to enable the import of ERA Applied Measures (using same functionality as delivered for Income in Phase 2) Functionality to edit the content in Pure will not be developed <p>Following 22 June meeting:</p> <ul style="list-style-type: none"> Agreed that work on this task should wait until the draft guidance is published 																														
13	Summary screens ERA Applied Measures	SUBMISSION MANAGEMENT	MUST HAVE	<p>ERA Applied Measures : Summary</p> <table border="1"> <thead> <tr> <th>Applied Measure</th> <th>2014</th> <th>2015</th> <th>2016</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Plant Breeder's Rights</td> <td>12</td> <td></td> <td>1.2</td> <td>12</td> </tr> <tr> <td>Patents</td> <td>3.0</td> <td>1.0</td> <td>1.7</td> <td>5.7</td> </tr> <tr> <td>Registered Design</td> <td></td> <td>0.3</td> <td></td> <td>0.3</td> </tr> <tr> <td>Research commercialisation income</td> <td>\$17,532</td> <td>\$23,469</td> <td>\$101,142</td> <td>\$172,143</td> </tr> <tr> <td>NHMRC Endorsed Guidelines</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Following 22 June meeting:</p> <ul style="list-style-type: none"> Agreed that work on this task should wait until the draft guidance is published 	Applied Measure	2014	2015	2016	Total	Plant Breeder's Rights	12		1.2	12	Patents	3.0	1.0	1.7	5.7	Registered Design		0.3		0.3	Research commercialisation income	\$17,532	\$23,469	\$101,142	\$172,143	NHMRC Endorsed Guidelines				
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NHMRC Endorsed Guidelines																																		


14	FoR assignments Auto-populate (sync-once) FoR on Research Output from the selected Journal	<div style="background-color: #FFC000; padding: 5px; text-align: center;">SUBMISSION MANAGEMENT</div>	<div style="background-color: #ADD8E6; padding: 5px; text-align: center;">NICE TO HAVE</div>	Following 22 June meeting: <ul style="list-style-type: none"> Offer a configuration to enable the auto-population (sync once) of FoR on the Research Output, from the Journal. will have FoR assignments on the Journal record. <ul style="list-style-type: none"> If FoR is MD, do not auto-populate If multiple FoRs, split the % apportionment evenly (e.g. if 1 FoR, 100%, if 2 FoRs, 50% each, if 3 FoRs 33% for 2nd and 3rd)
15	Summary screens Show filters applied	<div style="background-color: #FFC000; padding: 5px; text-align: center;">SUBMISSION MANAGEMENT</div>	<div style="background-color: #ADD8E6; padding: 5px; text-align: center;">NICE TO HAVE</div>	Following 22 June meeting: <ul style="list-style-type: none"> With no export options available for the Summary screens, if the user prints the screen to PDF (as is recommended) to see the filters that have been applied (e.g. which FoR(s), etc.). Look to enable some visualisation (e.g. screen header) of filters applied (perhaps only when the FoR filter is applied)
16	ERA Research Output Update Editor to increase visibility of associated output info	<div style="background-color: #FFC000; padding: 5px; text-align: center;">SUBMISSION MANAGEMENT</div>	<div style="background-color: #ADD8E6; padding: 5px; text-align: center;">NICE TO HAVE</div>	<ul style="list-style-type: none"> Replicate (most of) the render used for REF2021, to show more info about the associated Research Output Show in the editor (without having to expand): <ul style="list-style-type: none"> Title Pub year (+ Publication state) Output type Associated ERA Researchers <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> Article TEST 108 – 31 days (OK) – Adams, Samuel REF2 (Output REF2020)</p> <p>Associated research output</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p>▶ Title: Article TEST 108 – 31 days (OK) Pub. year: 2015 Accepted/In press Output type: Contribution to journal > Article Submitter: Adams, Samuel (Adams, S.) Total no. of authors: 1 Related UoA: 1: Clinical Medicine (Panel A)</p> </div> <p> Article TEST 200 ERA2018 Research Output: Journal Article</p> <p>Research output</p> <p>Research Output </p> <p> ▶ Article TEST 200 Bisby, L. (ERA2018 Researcher) 2016 In : Canadian Journal of Civil Engineering.</p> </div>
17				
18	ERA Esteem measures	<div style="background-color: #FF4500; padding: 5px; text-align: center;">SUBMISSION REQUIREMENT</div>	<div style="background-color: #FF0000; padding: 5px; text-align: center;">MUST HAVE</div> <p>HAVE REMOVED FROM PHASE 3 PLANS AS IT IS NOT EXPECTED THIS ELEMENT WILL BE INCLUDED IN THE ERA2018 SUBMISSION</p>	<ul style="list-style-type: none"> Given the possibility that this element may migrate to the Impact & Engagement Assessment, we will not undertake development until we have confirmation of the ERA2018 submission requirements Deliver functionality to enable the import of ERA Esteem Measures (using same functionality as delivered for Income in Phase 2) Functionality to edit the content in Pure will not be developed

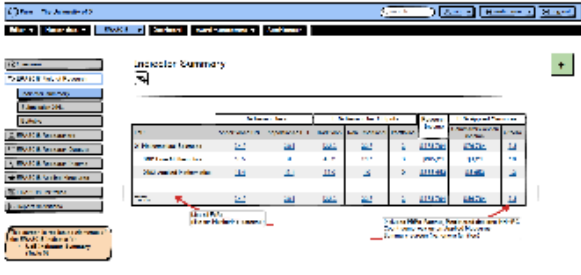
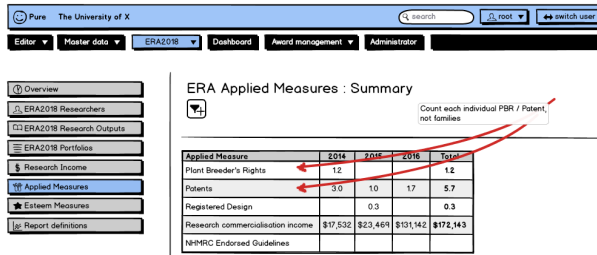
19	<p>Summary screens</p> <p>ERA Esteem Measures</p>	<p>SUBMISSION MANAGEMENT</p>	<p>MUST HAVE</p> <p>HAVE REMOVED FROM PHASE 3 PLANS AS IT IS NOT EXPECTED THIS ELEMENT WILL BE INCLUDED IN THE ERA2018 SUBMISSION</p>	<p>ERA Esteem Measures : Summary</p>
20	<p>Display Scopus info</p> <p>Update ERA Research Output Editor and Editable list (tabular view)</p>	<p>SUBMISSION MANAGEMENT</p>	<p>NICE TO HAVE</p> <p>WE DO NOT STORE THE SCOPUS DOCUMENT TYPE ON THE ASSOCIATED OUTPUT, THEREFORE ARE UNABLE TO DISPLAY IT</p>	<ul style="list-style-type: none"> • Update the ERA Research Output tabular view to display the Scopus Document type (if available on the as Output) • Update the ERA Research Output editor to display: <ul style="list-style-type: none"> ◦ Scopus document type


Phase 4 ERA2018 module development candidates

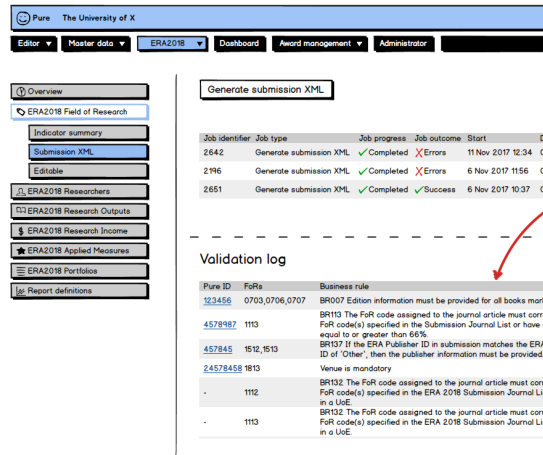


Phase 4 development commenced in early October 2017. Given the submission timescales, we plan to deliver updates to ERA2018 functionality during 5.10 minor releases. We plan to have all functionality available for the 5.11 release.





Phase 4 : 5.11 : February 2018					
	Item	Functionality type	Priority	Status	Initial specification
1	ERA Dark Repository ERA Dark Repository improvements	SUBMISSION REQUIREMENT	MUST HAVE	RELEASED 5.10.1	The submission guidance indicates that repository links should go straight to the PDF Repository functionality as required. Further info is available in the 5.10.1 Release details
2	ERA Researcher Updates as per final submission requirements	SUBMISSION REQUIREMENT	MUST HAVE	RELEASED 5.10.1	The following ERA Researcher fields have been updated, as per the final submission requirements: <ul style="list-style-type: none"> • Employment level • Researcher function • Employment status
3	ERA Research Outputs Updates to ensure Warnings applied consistently across ERA module	SUBMISSION MANAGEMENT	MUST HAVE	RELEASED 5.10.1	Ensure that warnings on ERA Research Outputs are applied accurately and consistently in the Tabular view of ERA Research Outputs
4	ERA Research Outputs EID System interaction	SUBMISSION REQUIREMENT	MUST HAVE	RELEASED 5.10.2	ERA2018 EID Tagging Proposal 

5	<p>Summary screens</p> <p>Add Applied Measures to Indicator summary</p>	<p>SUBMISSION MANAGEMENT</p>	<p>MUST HAVE</p>	<p>RELEASED 5.10.2</p>	<p>Indicator Summary</p> 
6	<p>ERA Research Outputs</p> <p>Available in Open Access Repository flag</p>	<p>SUBMISSION REQUIREMENT</p>	<p>MUST HAVE</p>	<p>RELEASED 5.10.2</p>	<p>Where the Open Access status of a Research Output in Pure is 'Open', we will flag it as "Available in Open Access Repository" in the ERA module. As per requests from clients enable historic data to be accurately captured.</p> <p>Citations ⓘ</p> <p>Total WoS citation count 17</p> <p>Access to output Sync from associated Research Output</p> <p>Available in Open Access Repository Override value</p> <p>Yes not set Yes No</p> <p>When generating submission XML always take override value, if set</p> <p>Institution units</p> <p>Institution units ERA Research Output ID 11754864 Managing Organisation ID 2999356 (Northern Institute)</p>
7	<p>ERA Research Outputs</p> <p>Updates as per final submission requirements</p>	<p>SUBMISSION REQUIREMENT</p>	<p>MUST HAVE</p>	<p>RELEASED 5.10.2</p>	<p>Update the following ERA Research Output fields, as per the final submission requirements:</p> <ul style="list-style-type: none"> Re-name "Does the research contain content related to Indigenous Australians" Sensitivity: <ul style="list-style-type: none"> re-name to 'Is the output culturally sensitive (i.e. requires special handling) Remove 'Type of sensitivity' field - no longer required Update the ERA Research output import file to no longer ask for / require When type = 'Research Report for external body', remove 'Issue' and 'Volume' fields sourced from the associated Output record (as defined at https://doc.pure.elsevier.com/ResearchOutputMapping_ERA2018.xlsx).
8	<p>ERA Applied measures</p>	<p>SUBMISSION REQUIREMENT</p>	<p>MUST HAVE</p>	<p>RELEASED 5.10.3</p>	<ul style="list-style-type: none"> Deliver functionality to enable the import of ERA Applied Measures (using same Income in Phase 2) Functionality to edit the content in Pure will not be developed
9	<p>Summary screens</p> <p>ERA Applied Measures</p>	<p>SUBMISSION MANAGEMENT</p>	<p>MUST HAVE</p>	<p>RELEASED 5.10.3</p>	<p>ERA Applied Measures : Summary</p>  <p>This screen replicates elements of the ERA2015 Indicator(s):</p> <ul style="list-style-type: none"> Research Commercialisation Income by year of reference period (table 24) Patent profile (table 27) Registered design profile (table 28) Plant Breeder's Rights profile (table 29) NHMRC-Endorsed Guidelines profile (table 30) <p>Screen will display total counts for the institution, until the screen is filtered by FoR.</p>

10	ERA Research Outputs Publication date	SUBMISSION REQUIREMENT	MUST HAVE	RELEASED 5.10.3	Update how Pure states the Publication year for ERA submission purposes. Everywhere in the module, the logic will be: <ul style="list-style-type: none"> • Take 'Year available' from ERA Output record. If empty, • Take year of 'ePub ahead of print'. If empty, • Take year of 'Published'
11	ERA Research Income Update existing import job	SUBMISSION REQUIREMENT	MUST HAVE	RELEASED 5.11.0	Update import job and ERA Research Income data model in Pure to ensure submission <div style="border: 1px solid orange; padding: 10px; margin-top: 10px;">  PURESUPPORT-35828 - Data cannot be retrieved due to an unexpected error. </div>
12	ERA Researcher Bulk edit job for Employment level	SUBMISSION MANAGEMENT	SHOULD HAVE	RELEASED 5.10.3	With the introduction of additional Employment level values, it would be helpful to offer edited in bulk.
13	Submission requirements Production of ERA submission XML file	SUBMISSION REQUIREMENT	MUST HAVE	RELEASED 5.11.0	<ul style="list-style-type: none"> • Produce submission XML file as per SEER technical specification • Offer functionality to download submission XML file

14	Submission management Reproduction of SEER validation rules in ERA module	<div style="background-color: #FFD700; padding: 2px; text-align: center;">SUBMISSION MANAGEMENT</div>	<div style="background-color: #FFD700; padding: 2px; text-align: center;">SHOULD HAVE</div>	<div style="background-color: #008000; color: white; padding: 2px; text-align: center;">RELEASED 5.11.0</div>	<ul style="list-style-type: none"> • Reproduce SEER validation rules in Pure (where possible) • We are currently investigating the feasibility of something like: <p style="text-align: center;">ERA2018 : Submission validation - Option 1</p>  <ul style="list-style-type: none"> • Note that we already enforce quite a bit of submission validation throughout the <ul style="list-style-type: none"> ◦ ERA2018 Business rules and verification in Pure
15	ERA Research Output Remove >40% of FoR re-assigned column from Monitoring screen	<div style="background-color: #FFD700; padding: 2px; text-align: center;">SUBMISSION MANAGEMENT</div>	<div style="background-color: #FFD700; padding: 2px; text-align: center;">SHOULD HAVE</div>	<div style="border: 1px solid blue; padding: 2px; text-align: center; color: blue;">PLANNED 5.10.3</div> <p style="text-align: center;">OR</p> <div style="border: 1px solid red; padding: 2px; text-align: center; color: red;">PLANNED 5.11.0</div>	<p>The ERA Research Output Monitoring screen currently has a column for identifying the purpose of this column is to identify those FoRs that will fail BR132 "The reassignment more than 40% of the apportioned journal articles into a single UoE."</p> <p>However, given the complexity of this Business Rule and the lack of explanatory calculation, we cannot accurately calculate the value, leading to inaccurate warnings / validation errors.</p> <p>We would like to confirm with the community that you would not object to us re-arrange the Research Output Monitoring screen. Additionally, for the same reasons, we would not perform this validation when producing the submission XML.</p>
16 THE FOLLOWING ITEMS ARE NOT CURRENTLY PRIORITISED FOR DEVELOPMENT. IF THERE IS TIME AVAILABLE ONCE ALL OF THE ABOVE ELEMENTS ARE DELIVERED					
17	Research Outputs + ERA Research Outputs By-line check	<div style="background-color: #FFD700; padding: 2px; text-align: center;">SUBMISSION MANAGEMENT</div>	<div style="background-color: #FFD700; padding: 2px; text-align: center;">SHOULD HAVE</div>		<ul style="list-style-type: none"> • Offer some form of functionality that would enable a user to indicate that the by-line is eligible for return

18	ERA Research Outputs New filter for 'No file attached'				<p>Introduce new filter for 'Files : No attached document(s)'. We currently have filters for:</p> <ul style="list-style-type: none"> Files : Issue with attached document(s) (which filters for the 2 below + no attached) Files : Invalid file type associated Files : Large repository file <p>We should introduce an additional filter for 'Files : No attached document(s)'</p>
19	FoR assignments Auto-populate (sync once) FoR on Research Output from the selected Journal				<ul style="list-style-type: none"> Offer a configuration to enable the auto-population (sync once) of FoR on the Research Journal, will have FoR assignments on the Journal record. <ul style="list-style-type: none"> If FoR is MD, do not auto-populate If multiple FoRs, split the % apportionment evenly (e.g. if 1 FoR, 100%, if 33% for 2nd and 3rd)
20	ERA User roles SubEditor of ERA FoR				<p>Create new 'SubEditor of ERA Field of Research' role. This user role can view and edit which they have been assigned, but cannot create or delete ERA content.</p>

21	FoR assignment / editing Improve functionality	<div style="background-color: #FFD700; padding: 2px; text-align: center;">SUBMISSION MANAGEMENT</div>	<div style="background-color: #FFD700; padding: 2px; text-align: center;">SHOULD HAVE</div>		<p>The current process for assigning / editing FoRs is very cumbersome and unnecessary required in order to select the desired FoR(s) and assign the appropriate % apportionment.</p> <p>However, improvements have been delivered in 5.10, with the complete re-design of the roles. The group is asked to comment on whether these improvements are sufficient.</p> <p>Any improvements should also apply to assigning / editing FoRs on non-ERA content.</p>
22	ERA Research Output Update Editor to increase visibility of associated output info	<div style="background-color: #FFD700; padding: 2px; text-align: center;">SUBMISSION MANAGEMENT</div>	<div style="background-color: #ADD8E6; padding: 2px; text-align: center;">NICE TO HAVE</div>		<ul style="list-style-type: none"> • Replicate (most of) the render used for REF2021, to show more info about the a • Show in the editor (without having to expand): <ul style="list-style-type: none"> ◦ Title ◦ Pub year (+ Publication state) ◦ Output type ◦ Associated ERA Researchers <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> Article TEST 108 – 31 days (OK) – Adams, Samuel REF2 (Output REF2020)</p> <hr/> <p>Associated research output</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p>▶ Title: Article TEST 108 – 31 days (OK) Pub. year: 2015 Accepted/In press Output type: Contribution to journal › Article Submitter: Adams, Samuel (Adams, S.) Total no. of authors: 1 Related UoA: 1: Clinical Medicine (Panel A)</p> </div> <hr/> <p> Article TEST 200 ERA2018 Research Output: Journal Article</p> <hr/> <p>Research output</p> <p>Research Output </p> <p> ▶ Article TEST 200 Bisby, L. (ERA2018 Researcher) 2016 In : Canadian Journal of Civil Engineer</p> </div>

Other items

The following items have been discussed within the Working Group, but have not been flagged as sufficiently high priority to suggest that we proceed to develop supporting functionality.

No phase set (unlikely to be delivered)

Item	Functionality type	Priority	Notes	23 Aug WG Notes	1 Nov WG Notes	Further Notes
Update Research Output template to capture additional metadata fields (e.g. Year available, Has indigenous content)	IMPROVED FUNCTIONALITY	NICE TO HAVE	<ul style="list-style-type: none"> It would be beneficial for users to be able to capture this content upon record creation, rather than waiting until ERA submission processes begin (which could be up to 3 years later) It would also be beneficial for Personal users to input this type of content directly: <ul style="list-style-type: none"> In a number of cases, the researcher will be the only one who knows the answer these fields are not necessarily ERA-specific and may have other uses 		<ul style="list-style-type: none"> As these additional metadata fields tend to change from submission to submission, it was suggested that even if we introduce these fields to the Pure Research Output template, additional ERA-specific information may be required that will necessitate additional data collection anyways It was agreed to keep this as a 'nice to have' for now 	

<p>Update Person template to capture additional metadata fields (e.g. Employment status, Employment level, Researcher function)</p>	<p>IMPROVED FUNCTIONALITY</p>	<p>NICE TO HAVE</p>	<ul style="list-style-type: none"> • Has been confirmed that some customers have this content available in their local HR record, and therefore would want to synchronise this content. This would reduce the need for re-keying information. • Would it be sync'ed (if so, would override fields be necessary?) or 'sync once' (which would enable different values to be chosen for submission) 			<ul style="list-style-type: none"> • Add the following fields to the Person record (only if ERA module enabled), and support syncing this content via the Person sync: <ul style="list-style-type: none"> ◦ Employment level ◦ Employment status ◦ Researcher function • Deliver like we do for Discipline Assignment <ul style="list-style-type: none"> ◦ Held on Person record ◦ Sync once to ERA Researcher record (enabling different values to be chosen for submission)
<p>Engagement and impact assessment</p>			<p>Awaiting publication of assessment details</p>			<p>At this stage, it is not expected that we will develop functionality in Pure to support this assessment exercise.</p>
<p>ERA Portfolio creation</p>			<ul style="list-style-type: none"> • Current ERA Portfolio creation functionality is described here. • Would customers like to see something additional? 	<p>No further action required</p>		

<p>Predicted grade functionality for ERA Research Outputs, enabling the estimation of outcomes for each FoR</p> <ul style="list-style-type: none"> Investigate option to capture such grades outwith ERA module 	<p>SUBMISSION MANAGEMENT</p>			<p>There was no support to deliver this functionality</p>		
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ERA2018 module initial development plans

These initial plans have been superseded by the current working [ERA2018 module development plans](#).

These initial plans followed on from the [development priorities](#) identified by the [ERA Working Group](#) at its first meeting on 23 August 2016, and feedback on the initial development plan discussed on 1 November 2016.

Current expected timescales for the publication of submission requirements are outlined at [ERA2018 module development plans and timescales](#)

ERA Module scope

We intend to deliver a complete ERA module to customers, enabling the creation of the full ERA submission XML via Pure, and supporting an ERA repository for reviewers to access content.

In terms of submission management functionality (e.g. summary screens, creation of content), we will concentrate our development resources where we can offer the most value, specifically focussing on Research Output content.

Phase 1 : 5.8 : February 2017

Item	Functionality type	Priority	Notes	23 Aug WG Notes	1 Nov WG Notes	Initial specification
Re-badge module as ERA2018 <ul style="list-style-type: none"> Rename ERA2018 Update reference periods / dates 	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> Based on confirmation from customers, have assumed that the ERA module currently installed is not populated. Any content that is currently in the module will be deleted. Will enable customers to start populating the ERA2018 module with ERA Researchers and ERA Research Outputs 	<ul style="list-style-type: none"> Any existing content in the ERA module will be deleted upon move to ERA2018 	<ul style="list-style-type: none"> Was clarified that it would be expected that for the next submission (e.g. ERA2021), the ERA2018 module and its content would remain and a new module for 2021 created 	<ul style="list-style-type: none"> References to ERA2015 replaced with ERA2018 Reference periods and dates updated Delete any existing content in the ERA module
Update functionality to enable institutions to define their own mapping to ERA Output types	IMPROVED FUNCTIONALITY	MUST HAVE	<ul style="list-style-type: none"> Currently, the mapping of Pure output types to ERA Research Output types is hard coded This should be updated to enable customers to define their own mapping (within some boundaries (otherwise there may be issues with the mapping of content to the appropriate ERA fields)), as there may be variation across Pure instances is output types used / names employed, etc. 			<ul style="list-style-type: none"> Deliver a default mapping of Pure output types to ERA Research Output types, that can be updated by customers (via upload of a revised XML file)

Item	Functionality type	Priority	Notes	23 Aug WG Notes	1 Nov WG Notes	Initial specification
Update ERA module based on changes to submission requirements	SUBMISSION REQUIREMENT	SUBMISSION REQUIREMENT				<ul style="list-style-type: none"> Depending on when submission requirements are published, may need to be delayed to Phase 3
Update ERA Output template as required following recent updates made to associated Research Output datamodel	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> Ensure that the ERA Research Output form continues to function as expected given recent updates made to the associated Research Output datamodel (thinking in particular about Open Access changes) 			<ul style="list-style-type: none"> Check ERA Research Output form continues to function as expected given recent updates made to the associated Research Output datamodel (thinking in particular about Open Access changes), and implement any updates required
Update functionality to enable the automatic creation of ERA Researcher records, upon Person creation in Pure	IMPROVED FUNCTIONALITY	SHOULD HAVE	<ul style="list-style-type: none"> Without automating the creation of ERA Researcher records, each ERA Researcher must be created manually (either in bulk, or individually), making the process much more cumbersome, and results in peaks of submission activity, rather than a more 'steady-state' of submission preparedness While it is acknowledged that there are a lot of eligibility requirements that make getting automation 100% accurate very unlikely, a reasonable methodology could be implemented that will accurately capture the majority of ERA Researchers based on agreed eligibility criteria, and the remainder could be manually created and others manually removed or edited if applicable 			<ul style="list-style-type: none"> Will require some sort of logic that relates properties on the person to the relevant ERA Researcher values. For example: <ul style="list-style-type: none"> Person type FTE Affiliation dates (only if active affiliation on the census date) Aim to deliver as a configuration option Need to consider how to accurately capture (and freeze) FTE on the census date
Update functionality to enable the automatic creation of ERA Research Output records, upon Research Output creation in Pure	IMPROVED FUNCTIONALITY	SHOULD HAVE	<ul style="list-style-type: none"> Without automating the creation of ERA Research Output records, each ERA Research Output must be created manually (either in bulk, or individually), making the process much more cumbersome, and results in peaks of submission activity, rather than a more 'steady-state' of submission preparedness 			<ul style="list-style-type: none"> Will work in conjunction with the mapping file delivered in 5.8 An ERA Research Output record will be created for all outputs where the output type is included in the mapping file and the output was published during the reference period Aim to deliver as a configuration option
Update ERA lists (Journal Articles, Conferences, Publishers)	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> Ensure customers can use ERA2015 lists until ERA2018 lists are available, at which point they must be able to replace the lists Note that text resources will need to be updated upon upload of ERA2018 lists to indicate the change Should also look into matching functionality and how Pure identifies matches / not (and how customers can resolve issues) We as a Group will need to negotiate with the ARC to ensure that Pure can use the available lists for development purposes 		<ul style="list-style-type: none"> Elsevier to look at the matching process employed (between the items on the ERA list and existing content in Pure) and confirm with customers that it meets their needs Elsevier to look at the 'Scopus: Update/create journal and metrics' job to see if this could be expanded for ERA purposes to include the ERA Journal ID (may not be required given existing functionality) 	<ul style="list-style-type: none"> Can deliver the functionality prior to the lists being published (assuming it is expected that the lists retain the same format as ERA2015) Copy the existing ERA2015 jobs and functionality, re-badging them as ERA2018 <ul style="list-style-type: none"> Running the ERA2018 job should delete the ERA2015 info

SciVal integration	SUBMISSION MANAGEMENT	SHOULD HAVE	<ul style="list-style-type: none"> Introduce functionality in the ERA Research Outputs list that enables users to export content to SciVal for analysis (thereby facilitating benchmarking of citation impact) 			<ul style="list-style-type: none"> Deliver in the same way as for REF module in UK
Delivery of additional summary screens and reproduction of SEER dashboards (part 1)	SUBMISSION MANAGEMENT	SHOULD HAVE	<ul style="list-style-type: none"> Initial thoughts from early in ERA2015 module development (will need to be re-visited) (note that some of these screens have already been delivered) ERASummaryScreens-Outline.docx 	<ul style="list-style-type: none"> The WG expressed a strong desire for such functionality to be developed in ERA module - key to local roll-out of Pure Pure team to look at ERA2015 Indicators and mockup potential dashboards / summary screens for ERA module 	<ul style="list-style-type: none"> Elsevier to consider whether we can offer functionality for institutions to configure their own dashboards Focus on those that will improve the institution's capacity for optimisation <ul style="list-style-type: none"> Citation counts by FoR mentioned in particular Validation status (likely part 2, given when technical guidance will be published) Upload benchmarks for citations <ul style="list-style-type: none"> Many to discuss with colleagues how we could make best use of existing Scopus content in Pure Existing Pure integration with SciVal may already offer the benchmarking functionality desired (requires a SciVal subscription) - anyone wanting further information on this should contact Many 	<ul style="list-style-type: none"> Specifications and priority still to be defined (in consultation with customers)

Two-way interaction with external systems	SUBMISSION MANAGEMENT	SHOULD HAVE	<ul style="list-style-type: none"> Normally Assessment content in Pure is not made available in webservices due to its confidential nature <ul style="list-style-type: none"> Only means of getting content out in a satisfactory format will therefore be via the submission XML Normally, when content is imported back into Assessment modules in Pure, the import functionality is set up to not update records that already exist (to ensure that manual overrides are not overwritten) 	<ul style="list-style-type: none"> It is possible existing Reporting functionality could satisfy the export requirements here, giving institutions flexibility in determining the desired fields for export to internal systems <ul style="list-style-type: none"> Currently looks like only Monash and UWA have this requirement - Elsevier will coordinate with Monash and UWA to determine their export requirements (in terms of content) In terms of import, as there is expected to be an import function for all ERA content types, it is possible we could alter the normal import functionality to enable the bulk editing of existing ERA records <ul style="list-style-type: none"> Elsevier to consider this and the potential implications 	<ul style="list-style-type: none"> As 5.9 specs should be finalised by early January, those needing to export ERA content from Pure for interaction with external systems should advise of their requirements by the end of November 	<ul style="list-style-type: none"> It is expected that existing Reporting functionality will satisfy the export requirements here In terms of import, offer a configuration on the existing import jobs to overwrite existing ERA content (currently the jobs do not update existing records, to ensure manual edits are not overwritten) <ul style="list-style-type: none"> Note that associated content (e.g. Persons, Research Outputs) cannot be updated in bulk this way - it will only be ERA-specific content that will be bulk editable If this configuration option is turned on, the content will be treated as synchronised content and will be locked (for those fields) (on the expectation that content is edited elsewhere)
ERA Research income	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> Methodology to be employed (i.e. manual upload, or synchronised from Pure content (like ERA Research Outputs)) requires agreement across customers There are always issues with reporting income in that normally, some manual intervention is required in order to appropriately account for items such as depreciation, capital expenditure, etc. Unlikely Pure will be able to provide info on "Percentage of grant within reference period" for Australian Competitive Grants Additional layer of complexity in the different reporting requirements between Australian Competitive Grants and all other sources of research income (ACGs broken down per grant; all others total amounts) Given the figures must match those returned for HERDC, it may be prudent to deliver ERA Research Income in Pure via import jobs, rather than trying to sync directly from Project / Award data in Pure As the submission must be made in a single XML file, we must offer some means for Pure to hold ERA Research Income content in the ERA module Options considered: <ul style="list-style-type: none"> Manual upload via spreadsheet Manual upload via XML, to simply be incorporated into the submission XML file Synchronise from Pure content — but there are issues here 	<ul style="list-style-type: none"> The WG would prefer this was delivered in the ERA module as a manual upload Not viable to attempt to sync from Pure content 	<ul style="list-style-type: none"> Moved from 5.10 to 5.9 as per Working Group request (moved EID System interaction to 5.10 in its place) 	<ul style="list-style-type: none"> Deliver functionality to enable the import of ERA Research Income (via xml) Deliver a summary screen showing ERA Research Income values (format to be specified) Functionality to edit the content in Pure will not be developed

Update Person template to capture additional metadata fields (e.g. Employment status, Employment level, Researcher function)	IMPROVED FUNCTIONALITY	NICE TO HAVE	<ul style="list-style-type: none"> Has been confirmed that some customers have this content available in their local HR record, and therefore would want to synchronise this content. This would reduce the need for re-keying information. Would it be sync'd (if so, would override fields be necessary?) or 'sync once' (which would enable different values to be chosen for submission) 			<ul style="list-style-type: none"> Add the following fields to the Person record (only if ERA module enabled), and support syncing this content via the Person sync: <ul style="list-style-type: none"> Employment level Employment status Researcher function Deliver like we do for Discipline Assignment <ul style="list-style-type: none"> Held on Person record Sync once to ERA Researcher record (enabling different values to be chosen for submission)
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Phase 3 : 5.10 : October 2017

Item	Functionality type	Priority	Notes	23 Aug WG Notes	1 Nov WG Notes	Initial specification
Update ERA module based on changes to submission requirements	SUBMISSION REQUIREMENT	SUBMISSION REQUIREMENT				<ul style="list-style-type: none"> As the expected timing of the release of the submission requirements will be quite late in the 5.9 development window, we should aim to have resources available for 5.10 to continue this work
Production of ERA submission XML file	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> Must be able to produce a submission XML file for import into SEER 			<ul style="list-style-type: none"> Produce submission XML file as per SEER technical specification (once published) Offer functionality to download submission XML file (same as REF2014)

EID System interaction	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> • Must interact with the EID System in order to ensure all relevant outputs have an EID • The nature of this interaction may depend on the citation provider and whether a customer has a subscription to the citation provider's service • If Scopus is again the citation provider, Pure team would wish to coordinate with the Scopus ERA team to provide appropriate service 	<ul style="list-style-type: none"> • The WG expressed a strong belief that the citation supplier will very likely continue to be Scopus • Pure team will begin discussions with the Scopus ERA team 	<ul style="list-style-type: none"> • Moved to 5.10 to enable ERA Research Income functionality to be delivered in 5.9 • While there is existing functionality in Pure that automatically matches publications from Pure with publications in Scopus, and adds the Scopus EID to the Research Output record in Pure (this job doesn't require a Scopus subscription, and runs automatically), ARC require content to be uploaded to EID System (content not uploaded cannot subsequently be submitted), therefore we must ensure we have functionality available to produce the required import file, and the functionality to ingest the output from the EID System back into the ERA module 	<ul style="list-style-type: none"> • Ensure content required for EID System import can be extracted from Pure • Offer functionality to enable the ingestion of the EID output file back into Pure
Reproduction of SEER validation rules in ERA module	SUBMISSION MANAGEMENT	SHOULD HAVE	<ul style="list-style-type: none"> • Where possible, reproduce the SEER validation rules in the ERA module to enable users to identify and resolve issues prior to upload to SEER 		<ul style="list-style-type: none"> • At a minimum, we should be validating against the xsd 	<ul style="list-style-type: none"> • Reproduce SEER validation rules in Pure (where possible), once these have been published
Delivery of additional summary screens and reproduction of SEER dashboards (part 2)	SUBMISSION MANAGEMENT	SHOULD HAVE	<ul style="list-style-type: none"> • Initial thoughts from early in ERA2015 module development (will need to be re-visited) (note that some of these screens have already been delivered) ERASummary Screens-Outline.docx 	<ul style="list-style-type: none"> • The WG expressed a strong desire for such functionality to be developed in ERA module - key to local roll-out of Pure • Pure team to look at ERA2015 Indicators and mock up potential dashboards / summary screens for ERA module 		<ul style="list-style-type: none"> • Specifications and priority still to be defined (in consultation with customers)

ERA Dark Repository improvements	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> Are indications that ARC want the link to go directly to the PDF, rather than a landing page Need to confirm this with ARC (what about Sensitive note, Statement for Peer Review, etc.?) Must ensure that we meet ARC's expectations 			<ul style="list-style-type: none"> Confirm requirements with ARC
ERA Dark Repository improvements (cosmetic)	IMPROVED FUNCTIONALITY	SHOULD HAVE	<ul style="list-style-type: none"> Improve the look of the ERA Dark Repository, to ensure it meet's ARC's expectations, and to ensure all content is displayed in a desirable format. 			<ul style="list-style-type: none"> Only required if a landing page is still required - if not, no cosmetic improvements will be required
ERA Applied measures	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> Methodology to be employed (i.e. manual upload, or synchronised from Pure content (like ERA Research Outputs)) requires agreement across customers Will have difficulty with some of the ERA Applied Measures as there is no equivalent Pure content type (i.e. Plant Breeder's Rights, Registered Design, NHMRC-Endorsed Guidelines) Additionally, the inclusion of Research Commercialisation income in this ERA content type is a complication as it would require a separate synchronisation to Projects / Funding (assuming such income would be captured in Pure as such - unclear it would be as it's not research grants), along with aggregation functionality (simply Total amount received and year, per FoR) Also, sync'ing this from within Pure would require Projects to be enabled (do all customers intend to have this?) As the submission must be made in a single XML file, we must offer some means for Pure to hold ERA Applied Measures content in the ERA module Options considered: <ul style="list-style-type: none"> Manual upload via spreadsheet Manual upload via XML, to simply be incorporated into the submission XML file Synchronise from Pure content (but are issues as, for some of the measures, there is no equivalent Pure content type) 	<ul style="list-style-type: none"> This element may migrate to the Impact & Engagement Assessment (commercialisation income in particular) If this continues to be an ERA requirement, the WG would prefer this was delivered in the ERA module as a manual upload If possible to have a mixed economy, sync'ing Patents from Pure would be desired 		<ul style="list-style-type: none"> Given the possibility that this element may migrate to the Impact & Engagement Assessment, we will not undertake any development until we have confirmation of the ERA2018 submission requirements If indeed this element remains part of ERA, this will be delivered as manual upload functionality, with a summary screen showing the content imported <ul style="list-style-type: none"> Functionality to edit the content in Pure will not be developed

ERA Esteem measures	SUBMISSION REQUIREMENT	MUST HAVE	<ul style="list-style-type: none"> Methodology to be employed (i.e. manual upload, or synchronised from Pure content (like ERA Research Outputs)) requires agreement across customers All ERA Esteem Measures have an equivalent Pure Activity type, therefore mapping is possible As the submission must be made in a single XML file, we must offer some means for Pure to hold ERA Esteem Measures content in the ERA module Options considered: <ul style="list-style-type: none"> Manual upload via spreadsheet Manual upload via XML, to simply be incorporated into the submission XML file Synchronise from Pure content 	<ul style="list-style-type: none"> It is likely this element will migrate to the Impact & Engagement Assessment If this continues to be an ERA requirement, the WG would prefer this was delivered in the ERA module as a manual upload As the Esteem measures to be included in ERA are very specific, it was felt there would be little value in syncing from Pure content 	<ul style="list-style-type: none"> There may be a desire to sync some content from existing content in Pure - to be discussed again once the requirements are known 	<ul style="list-style-type: none"> Given the possibility that this element may migrate to the Impact & Engagement Assessment, we will not undertake any development until we have confirmation of the ERA2018 submission requirements If indeed this element remains part of ERA, this will be delivered as manual upload functionality, with a summary screen showing the content imported <ul style="list-style-type: none"> Functionality to edit the content in Pure will not be developed
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No phase set (unlikely to be delivered)

Item	Functionality type	Priority	Notes	23 Aug WG Notes	1 Nov WG Notes	Further Notes
Update Research Output template to capture additional metadata fields (e.g. Year available, Has indigenous content)	IMPROVED FUNCTIONALITY	NICE TO HAVE	<ul style="list-style-type: none"> It would be beneficial for users to be able to capture this content upon record creation, rather than waiting until ERA submission processes begin (which could be up to 3 years later) It would also be beneficial for Personal users to input this type of content directly: <ul style="list-style-type: none"> In a number of cases, the researcher will be the only one who knows the answer these fields are not necessarily ERA-specific and may have other uses 		<ul style="list-style-type: none"> As these additional metadata fields tend to change from submission to submission, it was suggested that even if we introduce these fields to the Pure Research Output template, additional ERA-specific information may be required that will necessitate additional data collection anyways It was agreed to keep this as a 'nice to have' for now 	
Engagement and impact assessment			Awaiting publication of assessment details			At this stage, it is not expected that we will develop functionality in Pure to support this assessment exercise.
ERA Portfolio creation			<ul style="list-style-type: none"> Current ERA Portfolio creation functionality is described here. Would customers like to see something additional? 	No further action required		
Predicted grade functionality for ERA Research Outputs, enabling the estimation of outcomes for each FoR <ul style="list-style-type: none"> Investigate option to capture such grades outwith ERA module 	SUBMISSION MANAGEMENT			There was no support to deliver this functionality		

ERA2018 module audit of requirements

ERA2018 Requirements audit

The following list includes known requirements at this stage. Once the ERA2018 submission requirements have been confirmed (expected September 2016), this list will need to be updated.

Item	Functionality type	Priority	Phase	Notes	Rationale / Use case
Re-badge module as ERA2018 <ul style="list-style-type: none"> Rename ERA2018 Update reference periods / dates 	SUBMISSION REQUIREMENT	MUST HAVE	FIRST ACTION	<ul style="list-style-type: none"> Based on confirmation from customers, have assumed that the ERA module currently installed is not populated. If that is not accurate, any content that currently in the ERA module will be either deleted, or simply maintained (subject to reference periods / dates - e.g. outputs not published during the ERA2018 reference period will be removed from the ERA2018 module) - need to agree which is most appropriate action Will enable customers to immediately start populating the ERA2018 module with ERA Researchers and ERA Research Outputs 	
Update functionality to enable the automatic creation of ERA Researcher records, upon Person creation in Pure	IMPROVED FUNCTIONALITY	SHOULD HAVE			<ul style="list-style-type: none"> Without automating the creation of ERA Researcher records, each ERA Researcher must be created manually (either in bulk, or individually), making the process much more cumbersome, and results in peaks of submission activity, rather than a more 'steady-state' of submission preparedness While it is acknowledged that there are a lot of eligibility requirements that make getting automation 100% accurate very unlikely, a reasonable methodology could be implemented that will accurately capture the majority of ERA Researchers based on agreed eligibility criteria, and the remainder could be manually created
Update Person template to capture additional metadata fields (e.g. Employment status, Employment level, Researcher function)	IMPROVED FUNCTIONALITY	NICE TO HAVE		<ul style="list-style-type: none"> Has been confirmed that some customers have this content available in their local HR record, and therefore would want to synchronise this content 	<ul style="list-style-type: none"> As many customers hold this data in local HR systems, it would be beneficial to be able to sync this content directly from the HR system to the Person record in Pure, to the ERA Researcher record. This would reduce the need for re-keying information.

Update ERA lists (Journal Articles, Conferences, Publishers)	SUBMISSION REQUIREMENT	MUST HAVE		<ul style="list-style-type: none"> Ensure customers can use ERA2015 lists until ERA2018 lists are available, at which point they must be able to replace the lists Note that text resources will need to be updated upon upload of ERA2018 lists to indicate the change 	<ul style="list-style-type: none"> The ERA2018 submission must make use of the updated ERA lists
Update functionality to enable the automatic creation of ERA Research Output records, upon Research Output creation in Pure	IMPROVED FUNCTIONALITY	SHOULD HAVE			<ul style="list-style-type: none"> Without automating the creation of ERA Research Output records, each ERA Research Output must be created manually (either in bulk, or individually), making the process much more cumbersome, and results in peaks of submission activity, rather than a more 'steady-state' of submission preparedness It also means that ERA-specific content cannot be captured on the Research Output until the related ERA Research Output record has been created
Update Research Output template to capture additional metadata fields (e.g. Year available, Has indigenous content)	IMPROVED FUNCTIONALITY	NICE TO HAVE			<ul style="list-style-type: none"> It would be beneficial for users to be able to capture this content upon record creation, rather than waiting until ERA submission processes begin (which could be up to 3 years later) It would also be beneficial for Personal users to input this type of content directly: <ul style="list-style-type: none"> In a number of cases, the researcher will be the only one who knows the answer these fields are not necessarily ERA-specific and may have other uses
Predicted grade functionality for ERA Research Outputs, enabling the estimation of outcomes for each FoR <ul style="list-style-type: none"> Investigate option to capture such grades outwith ERA module 	SUBMISSION MANAGEMENT	NICE TO HAVE			TO BE CONFIRMED BY CUSTOMERS
ERA Dark Repository improvements	SUBMISSION REQUIREMENT	MUST HAVE	LATER ACTION	<ul style="list-style-type: none"> Are indications that ARC want the link to go directly to the PDF, rather than a landing page Need to confirm this with ARC (what about Sensitive note, Statement for Peer Review, etc.?) 	<ul style="list-style-type: none"> Must ensure that we meet ARC's expectations
ERA Dark Repository improvements (cosmetic)	IMPROVED FUNCTIONALITY	SHOULD HAVE	LATER ACTION		<ul style="list-style-type: none"> Improve the look of the ERA Dark Repository, to ensure it meets ARC's expectations, and to ensure all content is displayed in a desirable format.

ERA Applied measures	SUBMISSION REQUIREMENT	MUST HAVE		<ul style="list-style-type: none"> Methodology to be employed (i.e. manual upload, or synchronised from Pure content (like ERA Research Outputs)) requires agreement across customers Will have difficulty with some of the ERA Applied Measures as there is no equivalent Pure content type (i.e. Plant Breeder's Rights, Registered Design, NHMRC-Endorsed Guidelines) Additionally, the inclusion of Research Commercialisation income in this ERA content type is a complication as it would require a separate synchronisation to Projects / Funding (assuming such income would be captured in Pure as such - unclear it would be as it's not research grants), along with aggregation functionality (simply Total amount received and year, per FoR) Also, sync'ing this from within Pure would require Projects to be enabled (do all customers intend to have this?) 	<ul style="list-style-type: none"> As the submission must be made in a single XML file, we must offer some means for Pure to hold ERA Applied Measures content in the ERA module Options to consider: <ul style="list-style-type: none"> Manual upload via spreadsheet Manual upload via XML, to simply be incorporated into the submission XML file Synchronise from Pure content (but are issues as, for some of the measures, there is no equivalent Pure content type)
ERA Esteem measures	SUBMISSION REQUIREMENT	MUST HAVE		<ul style="list-style-type: none"> Methodology to be employed (i.e. manual upload, or synchronised from Pure content (like ERA Research Outputs)) requires agreement across customers All ERA Esteem Measures have an equivalent Pure Activity type, therefore mapping is possible 	<ul style="list-style-type: none"> As the submission must be made in a single XML file, we must offer some means for Pure to hold ERA Esteem Measures content in the ERA module Options to consider: <ul style="list-style-type: none"> Manual upload via spreadsheet Manual upload via XML, to simply be incorporated into the submission XML file Synchronise from Pure content
ERA Research income	SUBMISSION REQUIREMENT	MUST HAVE		<ul style="list-style-type: none"> Methodology to be employed (i.e. manual upload, or synchronised from Pure content (like ERA Research Outputs)) requires agreement across customers There are always issues with reporting income in that normally, some manual intervention is required in order to appropriately account for items such as depreciation, capital expenditure, etc. Unlikely Pure will be able to provide info on "Percentage of grant within reference period" for Australian Competitive Grants Additional layer of complexity in the different reporting requirements between Australian Competitive Grants and all other sources of research income (ACGs broken down per grant; all others total amounts) Given the figures must match those returned for HERDC, it may be prudent to deliver ERA Research Income in Pure via import jobs, rather than trying to sync directly from Project / Award data in Pure 	<ul style="list-style-type: none"> As the submission must be made in a single XML file, we must offer some means for Pure to hold ERA Research Income content in the ERA module Options to consider: <ul style="list-style-type: none"> Manual upload via spreadsheet Manual upload via XML, to simply be incorporated into the submission XML file Synchronise from Pure content - but there are issues here
Delivery of additional summary screens and reproduction of SEER dashboards	SUBMISSION MANAGEMENT	SHOULD HAVE		<ul style="list-style-type: none"> Initial thoughts from early in ERA2015 module development (will need to be re-visited) (note that some of these screens have already been delivered) ERASumm aryScreens-Outline.docx 	TO BE CONFIRMED BY CUSTOMERS - feedback on the initial thoughts from ERA2015 would be welcome

EID System interaction	SUBMISSION REQUIREMENT	MUST HAVE	LATER ACTION		<ul style="list-style-type: none"> • Must interact with the EID System in order to ensure all relevant outputs have an EID • The nature of this interaction may depend on the citation provider and whether a customer has a subscription to the citation provider's service
Production of ERA submission XML file	SUBMISSION REQUIREMENT	MUST HAVE	LATER ACTION		<ul style="list-style-type: none"> • Must be able to produce a submission XML file for import into SEER
Integration with internal systems (e.g. UWA Socrates) - send ERA content from Pure to internal system	SUBMISSION MANAGEMENT			<ul style="list-style-type: none"> • Confirm this is a requirement • Normally Assessment content in Pure is not made available in webservices due to its confidential nature <ul style="list-style-type: none"> ◦ Only means of getting content out in a satisfactory format will therefore be via the submission XML 	TO BE CONFIRMED BY CUSTOMERS
Engagement and impact assessment	?	?	?		TO BE CONFIRMED BY CUSTOMERS

ERA2018 module development priorities



The following is the current draft of the relative priorities for development of the ERA module in Pure, in preparation for ERA2018. This was discussed by the ERA Working Group at its first meeting on 23 August 2016.

Current expected timescales for the publication of submission requirements are outlined at [ERA2018 module development plans and timescales](#)

FIRST PHASE	Will aim to deliver this phase as soon as possible (earliest will be February 2017)
NEXT PHASE	<p>Now that the relative priority of features has been generally agreed, Elsevier will begin to specify the requirements for each feature and generate estimates. Once this work is complete, we will be able to set expected timescales for delivery. Given the number of features to be included in this phase, this will likely need to be delivered in multiple stages. Overall, no development should start on this phase until the ERA2018 submission requirements are published (this was originally expected in September 2016, but it is now understood that this is likely delayed until April / May 2017).</p> <p>Within this phase, those items that are flagged as MUST HAVE and SUBMISSION REQUIREMENT will be prioritised.</p>
LATER PHASE	These are items where the timing of delivery depends on ARC action (e.g. citation provider announced, publication of lists), or where delivery is not required until later in the submission preparation phase.
NO SET PHASE	These features can only really be considered once we ensure that all submission requirements are delivered.

ERA2018 module development priorities

	First phase	Priority	Functionality type	Item	Notes	Rationale / Use case	Notes from WG meeting 23 August
1	FIRST PHASE	MUST HAVE	SUBMISSION REQUIREMENT	Re-badge module as ERA2018 <ul style="list-style-type: none"> Re name ERA2018 Update reference periods / dates 	<ul style="list-style-type: none"> Based on confirmation from customers, have assumed that the ERA module currently installed is not populated. If that is not accurate, any content that currently in the ERA module will be either deleted, or simply maintained (subject to reference periods / dates - e.g. outputs not published during the ERA2018 reference period will be removed from the ERA2018 module) - need to agree which is most appropriate action Will enable customers to immediately start populating the ERA2018 module with ERA Researchers and ERA Research Outputs 		Any existing content in the ERA module will be deleted upon move to ERA2018
	Next phase	Priority	Functionality type	Item	Notes	Rationale / Use case	

2	NEXT PHASE	SHOULD HAVE	IMPROVED FUNCTIONALITY	Update functionality to enable the automatic creation of ERA Researcher records, upon Person creation in Pure		<ul style="list-style-type: none"> Without automating the creation of ERA Researcher records, each ERA Researcher must be created manually (either in bulk, or individually), making the process much more cumbersome, and results in peaks of submission activity, rather than a more 'steady-state' of submission preparedness While it is acknowledged that there are a lot of eligibility requirements that make getting automation 100% accurate very unlikely, a reasonable methodology could be implemented that will accurately capture the majority of ERA Researchers based on agreed eligibility criteria, and the remainder could be manually created and other manually removed or edited if applicable 	
3	NEXT PHASE	SHOULD HAVE	IMPROVED FUNCTIONALITY	Update functionality to enable the automatic creation of ERA Research Output records, upon Research Output creation in Pure		<ul style="list-style-type: none"> Without automating the creation of ERA Research Output records, each ERA Research Output must be created manually (either in bulk, or individually), making the process much more cumbersome, and results in peaks of submission activity, rather than a more 'steady-state' of submission preparedness It also means that ERA-specific content cannot be captured on the Research Output until the related ERA Research Output record has been created 	
4	NEXT PHASE	MUST HAVE	IMPROVED FUNCTIONALITY	Update functionality to enable institutions to define their own mapping to ERA Output types	<ul style="list-style-type: none"> Currently, the mapping of Pure output types to ERA Research Output types is hard coded This should be updated to enable customers to define their own mapping (within some boundaries (otherwise there may be issues with the mapping of content to the appropriate ERA fields)) 	<ul style="list-style-type: none"> Customers should be able to define their own mapping of Pure output types to ERA Research Output types as there may be variation across Pure instances is output types used / names employed, etc. 	
5	NEXT PHASE	MUST HAVE	SUBMISSION REQUIREMENT	Update ERA Output types as per any changes to submission requirements	<ul style="list-style-type: none"> Ensure all ERA Research Output types are supported 		
6	NEXT PHASE	MUST HAVE	SUBMISSION REQUIREMENT	Update ERA Output template as required following recent updates made to associated Research Output datamodel	<ul style="list-style-type: none"> Ensure that the ERA Research Output form continues to function as expected given recent updates made to the associated Research Output datamodel (thinking in particular about Open Access changes) 		

7	NEXT PHASE	MUST HAVE	SUBMISSION REQUIREMENT	ERA Applied measures	<ul style="list-style-type: none"> Methodology to be employed (i.e. manual upload, or synchronised from Pure content (like ERA Research Outputs)) requires agreement across customers Will have difficulty with some of the ERA Applied Measures as there is no equivalent Pure content type (i.e. Plant Breeder's Rights, Registered Design, NHMRC-Endorsed Guidelines) Additionally, the inclusion of Research Commercialisation income in this ERA content type is a complication as it would require a separate synchronisation to Projects / Funding (assuming such income would be captured in Pure as such - unclear it would be as it's not research grants), along with aggregation functionality (simply Total amount received and year, per FoR) Also, sync'ing this from within Pure would require Projects to be enabled (do all customers intend to have this?) 	<ul style="list-style-type: none"> As the submission must be made in a single XML file, we must offer some means for Pure to hold ERA Applied Measures content in the ERA module Options to consider: <ul style="list-style-type: none"> Manual upload via spreadsheet Manual upload via XML, to simply be incorporated into the submission XML file Synchronise from Pure content (but are issues as, for some of the measures, there is no equivalent Pure content type) 	<ul style="list-style-type: none"> This element may migrate to the Impact & Engagement Assessment (commercialisation income in particular) If this continues to be an ERA requirement, the WG would prefer this was delivered in the ERA module as a manual upload If possible to have a mixed economy, sync'ing Patents from Pure would be desired
8	NEXT PHASE	MUST HAVE	SUBMISSION REQUIREMENT	ERA Esteem measures	<ul style="list-style-type: none"> Methodology to be employed (i.e. manual upload, or synchronised from Pure content (like ERA Research Outputs)) requires agreement across customers All ERA Esteem Measures have an equivalent Pure Activity type, therefore mapping is possible 	<ul style="list-style-type: none"> As the submission must be made in a single XML file, we must offer some means for Pure to hold ERA Esteem Measures content in the ERA module Options to consider: <ul style="list-style-type: none"> Manual upload via spreadsheet Manual upload via XML, to simply be incorporated into the submission XML file Synchronise from Pure content 	<ul style="list-style-type: none"> It is likely this element will migrate to the Impact & Engagement Assessment If this continues to be an ERA requirement, the WG would prefer this was delivered in the ERA module as a manual upload As the Esteem measures to be included in ERA are very specific, it was felt there would be little value in sync'ing from Pure content

9	NEXT PHASE	MUST HAVE	SUBMISSION REQUIREMENT	ERA Research income	<ul style="list-style-type: none"> Methodology to be employed (i.e. manual upload, or synchronised from Pure content (like ERA Research Outputs)) requires agreement across customers There are always issues with reporting income in that normally, some manual intervention is required in order to appropriately account for items such as depreciation, capital expenditure, etc. Unlikely Pure will be able to provide info on "Percentage of grant within reference period" for Australian Competitive Grants Additional layer of complexity in the different reporting requirements between Australian Competitive Grants and all other sources of research income (ACGs broken down per grant; all others total amounts) Given the figures must match those returned for HERDC, it may be prudent to deliver ERA Research Income in Pure via import jobs, rather than trying to sync directly from Project / Award data in Pure 	<ul style="list-style-type: none"> As the submission must be made in a single XML file, we must offer some means for Pure to hold ERA Research Income content in the ERA module Options to consider: <ul style="list-style-type: none"> Manual upload via spreadsheet Manual upload via XML, to simply be incorporated into the submission XML file Synchronise from Pure content - but there are issues here 	<ul style="list-style-type: none"> The WG would prefer this was delivered in the ERA module as a manual upload Not viable to attempt to sync from Pure content
	Later phase	Priority	Functionality type	Item	Notes	Rationale / Use case	
10	LATER PHASE	MUST HAVE	SUBMISSION REQUIREMENT	Update ERA lists (Journal Articles, Conferences, Publishers)	<ul style="list-style-type: none"> Ensure customers can use ERA2015 lists until ERA2018 lists are available, at which point they must be able to replace the lists Note that text resources will need to be updated upon upload of ERA2018 lists to indicate the change Should also look into matching functionality and how Pure identifies matches / not (and how customers can resolve issues) 	<ul style="list-style-type: none"> The ERA2018 submission must make use of the updated ERA lists We as a Group will need to negotiate with the ARC to ensure that Pure can use the available lists for development purposes 	
11	LATER PHASE	MUST HAVE	SUBMISSION REQUIREMENT	EID System interaction		<ul style="list-style-type: none"> Must interact with the EID System in order to ensure all relevant outputs have an EID The nature of this interaction may depend on the citation provider and whether a customer has a subscription to the citation provider's service If Scopus is again the citation provider, Pure team would wish to coordinate with the Scopus ERA team to provide appropriate service 	<ul style="list-style-type: none"> The WG expressed a strong belief that the citation supplier will very likely continue to be Scopus Pure team will begin discussions with the Scopus ERA team
12	LATER PHASE	MUST HAVE	SUBMISSION REQUIREMENT	Production of ERA submission XML file		<ul style="list-style-type: none"> Must be able to produce a submission XML file for import into SEER 	
13	LATER PHASE	MUST HAVE	SUBMISSION REQUIREMENT	ERA Dark Repository improvements	<ul style="list-style-type: none"> Are indications that ARC want the link to go directly to the PDF, rather than a landing page Need to confirm this with ARC (what about Sensitive note, Statement for Peer Review, etc.?) 	<ul style="list-style-type: none"> Must ensure that we meet ARC's expectations 	
14	LATER PHASE	SHOULD HAVE	IMPROVED FUNCTIONALITY	ERA Dark Repository improvements (cosmetic)		<ul style="list-style-type: none"> Improve the look of the ERA Dark Repository, to ensure it meet's ARC's expectations, and to ensure all content is displayed in a desirable format. 	








15	LATER PHASE	SHOULD HAVE	SUBMISSION MANAGEMENT	Delivery of additional summary screens and reproduction of SEER dashboards	<ul style="list-style-type: none"> Initial thoughts from early in ERA2015 module development (will need to be re-visited) (note that some of these screens have already been delivered) ERASummaryScreens-Outline.docx 		<ul style="list-style-type: none"> The WG expressed a strong desire for such functionality to be developed in ERA module - key to local roll-out of Pure Pure team to look at ERA2015 Indicators and mockup potential dashboards / summary screens for ERA module
16	LATER PHASE	SHOULD HAVE	SUBMISSION MANAGEMENT	Two-way interaction with external systems	<ul style="list-style-type: none"> Normally Assessment content in Pure is not made available in webservices due to its confidential nature <ul style="list-style-type: none"> Only means of getting content out in a satisfactory format will therefore be via the submission XML Normally, when content is imported back into Assessment modules in Pure, the import functionality is set up to not update records that already exist (to ensure that manual overrides are not overwritten) 		<ul style="list-style-type: none"> It is possible existing Reporting functionality could satisfy the export requirements here, giving institutions flexibility in determining the desired fields for export to internal systems <ul style="list-style-type: none"> Currently looks like only Monash and UWA have this requirement - Els either will coordinate with Monash and UWA to determine their export requirements (in terms of content)

- In terms of import, as there is expected to be an import function for all ERA content types, it is possible we could alter the normal import functionality to enable the bulk editing of existing ERA records
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	No set phase	Priority	Functionality type	Item	Notes	Rationale / Use case	
17	NO SET PHASE	NICE TO HAVE	IMPROVED FUNCTIONALITY	Update Person template to capture additional metadata fields (e.g. Employment status, Employment level, Researcher function)	<ul style="list-style-type: none"> • Has been confirmed that some customers have this content available in their local HR record, and therefore would want to synchronise this content 	<ul style="list-style-type: none"> • As many customers hold this data in local HR systems, it would be beneficial to be able to sync this content directly from the HR system to the Person record in Pure, to the ERA Researcher record. This would reduce the need for re-keying information. • Would it be sync'd (if so, would override fields be necessary?) or 'sync once' (which would enable different values to be chosen for submission) 	
18	NO SET PHASE	NICE TO HAVE	IMPROVED FUNCTIONALITY	Update Research Output template to capture additional metadata fields (e.g. Year available, Has indigenous content)		<ul style="list-style-type: none"> • It would be beneficial for users to be able to capture this content upon record creation, rather than waiting until ERA submission processes begin (which could be up to 3 years later) • It would also be beneficial for Personal users to input this type of content directly: <ul style="list-style-type: none"> ◦ In a number of cases, the researcher will be the only one who knows the answer ◦ these fields are not necessarily ERA-specific and may have other uses 	
19				Engagement and impact assessment		Awaiting publication of assessment details	Whether or how Pure will support submission to this assessment exercise is still to be determined
	No intention to deliver	Priority	Functionality type	Item	Notes	Rationale / Use case	
20				ERA Portfolio creation	<ul style="list-style-type: none"> • Current ERA Portfolio creation functionality is described here. • Would customers like to see something additional? 		No further action required

21			<p style="text-align: center;">SUBMISSION MANAGEMENT</p>	<p>Predicted grade functionality for ERA Research Outputs, enabling the estimation of outcomes for each FoR</p> <ul style="list-style-type: none"> Investigate option to capture such grades with ERA module 			<p>There was no support to deliver this functionality</p>
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ERA2018 module documentation


General guidance	Individual ERA content types	ERA Submission
 Getting started with ERA2018	 ERA Researchers	 ERA Submission XML + Validation
 ERA user roles	 ERA Research Outputs	
	 ERA Research Income	
	 ERA Applied Measures	

Getting started with ERA2018


STEP 1 : Enable ERA module

The first step is to ensure that the ERA module is enabled in your instance of Pure. If not already enabled, you should contact the Pure Support Team to enable the module for you.


STEP 2 : Upload the ERA Journal, Conference, and Publisher lists

 We have obtained permission from the ARC for Pure customers to use the official ERA Journal, Conference, and Publisher lists in Pure for the sole purpose of supporting the development of ERA2018 submissions.

The lists are imported into Pure using jobs, as described below. In order to be uploaded into Pure, the lists need to be modified slightly - full details are available below. Note that only one sheet in each xls file is allowed; otherwise the jobs will fail.

 If you have not already uploaded the ERA2015 lists, you should follow the steps described below.

But if you already imported these lists prior to 5.8, there is no need to re-import them; they will migrate to the ERA2018 module automatically.

 If you wish to hold the ERA2015 status of Journals, Conferences, and Publishers in Pure, you must ensure that you run these jobs prior to upgrading to 5.9. From 5.9, only the ERA2018 jobs will be available.

As the ERA2018 lists have all now been published, the guidance below has been updated.

Note that we have not yet had a chance to undertake further testing on the ERA2018 Publisher and Conference lists since their publication, but we do not expect that you would encounter any issues. Please do advise immediately if you do encounter any issues and we will endeavour to resolve these urgently.

Note that when you go to run the ERA2018 synchronisation jobs, if you had already run them for the ERA2015 lists prior to 5.9, they will continue to be labelled 'ERA2015'. To force the label to update to 'ERA2018', you would need to delete the existing job and then create a new one for ERA2018 - but this is not required for the ERA2018 jobs to run successfully.

General import information

All three of the synchronisation jobs should be set up to run on a manual basis.

ERA2015 Journal Synchronisation

Unsaved

Synchronise all official ERA2015 Journals including field of research assignment

Runs job Era2018JournalSynchronization as user sync_user

Schedule

Will be scheduled for 20. Jan 2017 01:00. Next run after that is 21. Jan 2017 01:00.

Interval

Daily

Daily

Weekly

Monthly

Quarterly

Yearly

Manual

Custom

Cancel -- or -- Remove from schedule

Please provide valid configuration values.

Edit configuration

Save Cancel

After each job has completed, you should review all of the warnings and errors generated in the job log in order to confirm the success of the job, and to determine whether any manual merging of records is required. If any errors are encountered, try re-running the job. If re-running the job does not resolve the errors, please contact the Pure team via JIRA. In particular, the Journal synchronisation job can produce errors when merging records, which can easily be resolved by re-running the job. The fastest way to do this is to click on the error count to show all the errors, and then click on the button "Start job based on these criterias". Keep re-running the job until the error count is 0 or it does not change from the previous run.

02. Oct 2014 07:59 0:55:35 23992 30 12

Errors Search: Start job based on these criterias Export log entries as MS

Status	Title and description
Error	Updating Journal with external id 1529 INFO: Loading Journal

Journals : Updated as per the publication of the ERA2018 Journal list

Upload the ERA Journal list (as per the template below) using the **ERA2018 Journal synchronisation** job.

The screenshot shows the 'Scheduled Cron Jobs' page in the Pure system. The page has a navigation bar at the top with 'Pure The University of Australia' and a search bar. Below the navigation bar, there are tabs for 'Editor', 'Master data', 'ERA2018', 'Dashboard', and 'Administrator'. The main content area is divided into a left sidebar with navigation options like 'Overview', 'Jobs', 'System settings', and 'Security'. The main area displays three cron jobs: 'Filter Download Information', 'Scopus: Update/create Journals And Metrics', and 'Embargo Lifted Audit Job'. A dropdown menu is open, showing a list of synchronization options under 'Synchronisation with internal systems', with 'ERA2015 Journal synchronisation' selected.

The only configuration required is to upload the ERA Journal list (as per the template format available below) to the 'Official ERA2018 journal list' field. All other configuration options should be ignored.

ERA2015 Journal Synchronisation

Synchronise all official ERA2015 Journals including field of research assignment

Runs job Era2018JournalSynchronization as user sync_user

Schedule

Scheduled for 01. Jan 2099 01:00. Next run after that is 02. Jan 2099 01:00.

[Change schedule](#)

Configuration

Configure which user to run the job as, and any additional settings that apply to this job.

General configuration

Name *

ERA2015 Journal synchronisation

Job configuration

Default configurations

Enable one-time import
If enabled, data will not be synchronised but imported as a one time synchronisation

Off

Official ERA2015 journal list *

ERA2015SubmissionJournalList_TEST_2017.01.19.xlsx
1 MB, application/vnd.openxmlformats-officedocument.spreadsheetml.sheet [Replace](#)

Synchronisation configurations

If you have existing Journal content in Pure, the job attempts to locate any matches and merge the two records together, flagging the merged Journal record as an 'official' ERA2018 Journal, taking the Journal name and ISSN(s) from the ERA Journal list and updating the Journal record to also capture the Field of Research.

► **The Lancet**


ISSNs: 0140-6736, 1474-547X

Elsevier Limited

Scopus rating (2015): SJR 14.638 SNIP 14.801

Central database

Journal: ERA2015

 **The Lancet, 0140-6736**
Journal: ERA2015


Discipline assignment ⓘ

Field of research

11 Medical and Health Sciences

The following logic is performed for each ERA Journal imported:

1. The job finds existing Journals with the same ERA ID - if found, the records are merged (see details at


 PURESUPPORT-34522 - Data cannot be retrieved due to an unexpected error.



2. The job finds existing Journals with the same title (ignoring casing)
3. If a title-matched Journal is found, the job then looks at ISSN
 - a. If no ISSN is available on the existing Journal record, the records are merged
 - b. If the ISSN (or any of of the ISSNs (if multiple input)) on the existing Journal record is also listed against the ERA Journal, the records are merged (as per the JIRA above)
4. After this title matching has been performed, the same procedure is performed searching for ISSN and ignoring the title
 - a. If the ISSN (or any of the ISSNs (if multiple input)) on the existing Journal record is also listed against the ERA Journal, the records are merged (as per the JIRA above)
5. If a Journal on the ERA list does not match any existing Journal records in Pure (as per the matching process described above), a new Journal record is created

After this merge function is complete, the status of the job is logged. You are advised to check this log to identify any further merges that may need to be dealt with manually. Go to Administrator -> Jobs -> Job log, and select the job "ERA2018 Journal synchronisation". Then click on the warnings to see all those that have been identified as potential duplicates but were not merged due to the logic described above. The following types of warnings are logged:

- If a journal with the same name was found, but was not automatically merged due to inconsistent ISSN(s), the following is logged:
 - Found another journal with the same title, you probably want to merge these: <the duplicate journal>
- If a journal with the same ISSN was not found, but was not automatically merged due to inconsistent titles or ISSNs, the following is logged:
 - Found another journal with the same ISSN, you probably want to merge these: <the duplicate journal>

For each Journal logged, the Pure ID of the journal is available, together with the title; it is recommended you use the Pure ID to search for the Journal (using the global search function in the top right-hand corner of the screen). If you are satisfied that an existing Journal is the same as an ERA2015 Journal, you can merge them manually from within the Journal editor, using the merge tab.


 **ERA Journal list template**


ERA2018 Journal List	ERA2015 Journal list (use only prior to 5.9, if uploading the ERA2015 list - see warning above)
Full ERA2018 Journal list (ready for import) 	Full ERA2015 Journal list (ready for import) 

Conference series

ERA2015 Conference sync bug-fix

If you have not sync'ed the ERA2015 Conference list and would like to do so, you should upgrade to 5.8.4 prior to upgrade to 5.9. 5.8.4 includes fixes to the following JIRAs:

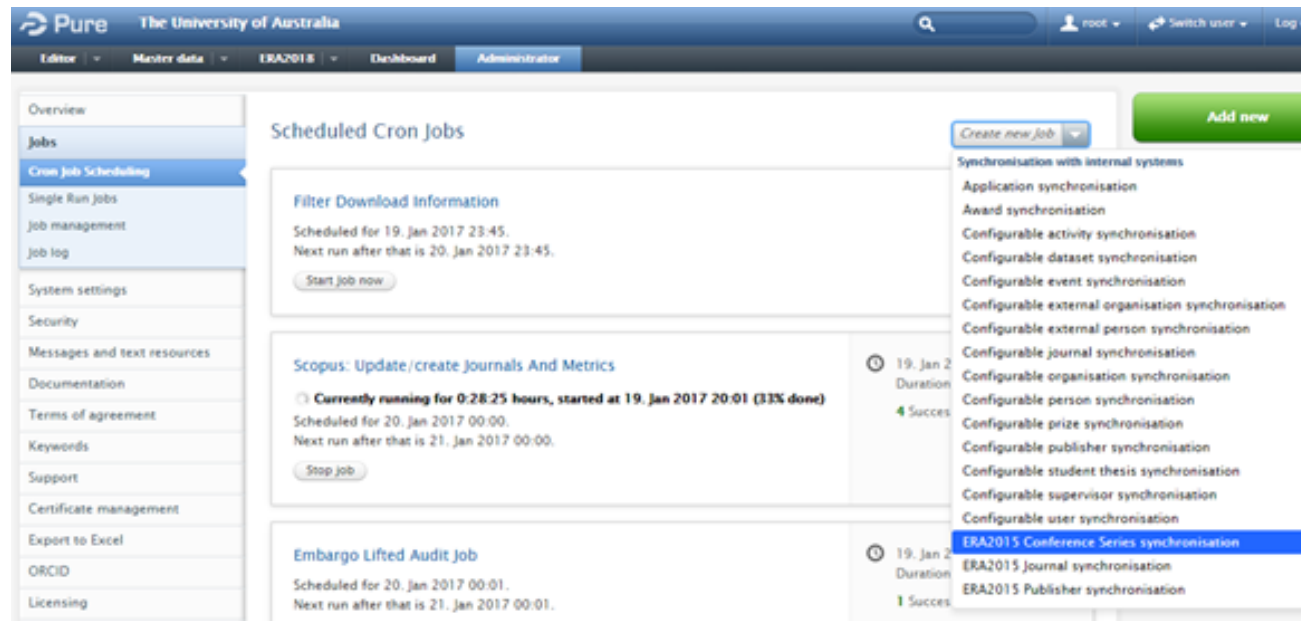
 CUSTPURE-2548 - Data cannot be retrieved due to an unexpected error.

 CUSTPURE-2941 - Data cannot be retrieved due to an unexpected error.

- Previously, when the ERA Conference sync job ran, if it found any matches (based on name), it would merge the existing Event in Pure with the new ERA Event to create a single ERA Event in Pure.
- However, given the issues with merging multiple instances of the same Event (with different dates, locations, etc.), and the issues with start and end dates, we have updated the logic of the job as follows:
 - Where there is a match (based on name) between a Conference on the ERA list and an existing Event in Pure, Pure will no longer merge these records, but simply create a new ERA Event from the ERA Conference list and relate this Event to the existing Event(s) in Pure

These bug fixes are also applied to the ERA2018 Conference sync job in 5.9. So, if you do not intend to sync the ERA2015 Conference list, you do not need to install 5.8.4 - you can go straight to 5.9.

Upload the ERA Conference series list (as per the template below) using the **ERA2018 Conference Series synchronisation** job.



The screenshot shows the Pure system administrator interface. The main content area displays 'Scheduled Cron Jobs' with a list of jobs. The 'ERA2015 Conference Series synchronisation' job is highlighted in the dropdown menu. The job details show it is currently running for 0:28:25 hours, started at 19. Jan 2017 20:01 (33% done). The dropdown menu lists various synchronization options, including 'ERA2015 Conference Series synchronisation'.

The only configuration required is to upload the ERA Conference series list (as per the template format available below) to the 'Official ERA2015 conference list' field. All other configuration options should be ignored.

ERA2015 Conference Series Synchronisation

Unsaved

Synchronise all official ERA2015 Conference Series including field of research assignment

Runs job Era2018EventSynchronization as user sync_user

Schedule

Scheduled for 01. Jan 2099 01:00. Next run after that is 02. Jan 2099 01:00.

[Change schedule](#)

Configuration

Configure which user to run the job as, and any additional settings that apply to this job.

General configuration

Name *

ERA2015 Conference Series synchronisation

Job configuration

Default configurations

Enable one-time import

If enabled, data will not be synchronised but imported as a one time synchronisation

Off

Official ERA2015 conference list *



ERA2015SubmissionConferenceList_TEST_2017.01.19.xlsx

305 KB, application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[Replace](#)

Synchronisation configurations

If you have existing Event content in Pure, the job attempts to locate any matches and merge the two records together, flagging the merged Event record as an 'official' ERA2018 Conference, taking the Event name from the ERA Conference list and updating the Event record to also capture the Field of Research.

▶ International Conference of IMBIC on Mathematical Sciences for Advancement of Science and Technology

1/01/08 – ...

Event: Conference: ERA2015



International Conference of IMBIC on Mathematical Sciences for Advancement of Science and Technology

Event: Conference: ERA2015

Discipline assignment ⓘ

Field of research

0101 Pure Mathematics

0102 Applied Mathematics

0104 Statistics

The following logic is performed for each ERA Conference imported:

1. The job finds existing Event with the same ERA ID - if any duplicate Event by ID is found, they are merged together
2. The job finds existing Event with the same name (ignoring casing) - if any duplicate Event by name is found, the Events are related together but kept as separate Events
3. If a Conference on the ERA list does not match any existing Event records in Pure (as per the matching process described above), a new Event record is created

After this merge function is complete, the status of the job is logged. You are advised to check this log to identify if any errors occurred. Go to Administrator -> Jobs -> Job log, and select the job "ERA2018 Conference series synchronisation".

To resolve any unwanted duplicates, use the available manual merge functionality, available within the Event editor, using the merge tab.



ERA Conference series list template

ERA2018 Conference list	Date posted / updated	ERA2015 Conference list (use only prior to 5.9, if uploading the ERA2015 list - see warning above)
Full ERA2018 Conference series list (ready for import)	28 November 2017	Full ERA2015 Conference series list (ready for import)

Publishers

Upload the ERA Publisher list (as per the template below) using the **ERA2018 Publisher synchronisation** job.

The screenshot shows the 'Pure' system administrator interface for The University of Australia. The user is logged in as 'root'. The main navigation bar includes 'Editor', 'Master data', 'ERA2018', 'Dashboard', and 'Administrator'. On the left, a sidebar menu lists various system settings like 'Overview', 'Jobs', 'System settings', etc. The main content area is titled 'Scheduled Cron Jobs' and lists three jobs: 'Filter Download Information', 'Scopus: Update/create Journals And Metrics', and 'Embargo Lifted Audit Job'. A dropdown menu is open, showing options for 'Create new Job', including 'ERA2015 Publisher synchronisation' which is highlighted.

The only configuration required is to upload the ERA Publisher list (as per the template format available below) to the 'Official ERA2018 publisher list' field. All other configuration options should be ignored.

ERA2015 Publisher Synchronisation

Unsaved

Synchronise all official ERA2015 Publishers

Runs job Era2018PublisherSynchronization as user sync_user

Schedule

Scheduled for 01. Jan 2099 01:00. Next run after that is 02. Jan 2099 01:00.

[Change schedule](#)

Configuration

Configure which user to run the job as, and any additional settings that apply to this job.

General configuration

Name *

ERA2015 Publisher synchronisation

Job configuration

Default configurations

Enable one-time import

If enabled, data will not be synchronised but imported as a one time synchronisation

Off

Official ERA2015 publisher list *



ERA2015SubmissionPublisherList_test_2017.01.19.xlsx

157 KB, application/vnd.openxmlformats-officedocument.spreadsheetml.sheet

[Replace](#)

Synchronisation configurations

If you have existing Publisher content in Pure, the job attempts to locate any matches and merge the two records together, flagging the merged Publisher record as an 'official' ERA2018 Publisher, taking the Publisher name from the ERA Publisher

► Aboriginal Studies Press

Australia

Publisher: ERA2015

The following logic is performed for each ERA Publisher imported:

1. The job finds existing Publisher with the same ERA ID - if found, the records are merged
2. The job finds existing Publisher with the same name (ignoring casing) - if found, the records are merged
3. If a Publisher on the ERA list does not match any existing Publisher records in Pure (as per the matching process described above), a new Publisher record is created

After this merge function is complete, the status of the job is logged. You are advised to check this log to identify if any errors occurred. Go to Administrator -> Jobs -> Job log, and select the job "ERA2018 Publisher synchronisation".

This job may create duplicate Publisher records in Pure due to slight (sometimes very slight) Publisher name differences (e.g. "Radcliffe Publishing Ltd." vs "Radcliffe Publishing Ltd"). To resolve these duplicates, use the available manual merge functionality, available within the Publisher editor, using the merge tab.



ERA Publisher list template

ERA2018 Publisher list	Date posted / updated	ERA2015 Publisher list (use only prior to 5.9, if uploading the ERA2015 list - see warning above)
Full ERA2018 Publisher list (ready for import)	28 November 2017	Full ERA2015 Publisher list (ready for import)

STEP 3 : Edit ERA Research Outputs mapping

In order to capture Research Outputs according to the Output types defined by ERA, a mapping must be defined that maps the Pure Output types to the ERA Research Output types. Pure is initially populated with a default mapping, but this may not match your local Output types. If this is the case, you must upload an updated mapping.

Further details are available at [ERA2018 Research Outputs - Mapping output types](#).

STEP 4 : Start using the module

Once Steps 1 -3 are complete, you can start using the ERA module, in preparation for ERA2018 submissions.

Guidance on how to ensure that content is correctly attributed to ERA Journals / Conferences / Publishers is available [here](#).

Further documentation is available at [ERA2018 module documentation](#).

ERA2018 User roles

ERA2018 User roles

The following ERA2018 user roles are available:

User role	Nature of role	ERA Rights								Notes
		ERA Researcher	ERA Research Output	ERA Portfolio	ERA Research Income	ERA Applied Measures	ERA Submission XML + validation	ERA module configurations	ERA module jobs	
Administrator	Global	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> View	<input checked="" type="checkbox"/> View	<input checked="" type="checkbox"/> Generate	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit	<input checked="" type="checkbox"/> Initiate	
Administrator of ERA	Global	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> View	<input checked="" type="checkbox"/> View	<input checked="" type="checkbox"/> Generate			
Administrator of ERA Research Income	Global				<input checked="" type="checkbox"/> View					
Administrator of ERA Applied Measures	Global					<input checked="" type="checkbox"/> View				
Reporter of ERA	Global	<input checked="" type="checkbox"/> View	<input checked="" type="checkbox"/> View	<input checked="" type="checkbox"/> View	<input checked="" type="checkbox"/> View	<input checked="" type="checkbox"/> View				
ERA Field of Research Reporter	ERA FoR	<input checked="" type="checkbox"/> View <i>For all content assigned to the FoR(s) to which they have rights</i> <i>If the user removes the 'my content' filter, they can view all ERA content</i>	<input checked="" type="checkbox"/> View <i>For all content assigned to the FoR(s) to which they have rights</i> <i>If the user removes the 'my content' filter, they can view all ERA content</i>	<input checked="" type="checkbox"/> View <i>For all content assigned to the FoR(s) to which they have rights</i> <i>If the user removes the 'my content' filter, they can view all ERA content</i>	<input checked="" type="checkbox"/> View <i>For all content assigned to the FoR(s) to which they have rights</i> <i>If the user removes the 'my content' filter, they can view all ERA content</i>	<input checked="" type="checkbox"/> View <i>For all content assigned to the FoR(s) to which they have rights</i> <i>If the user removes the 'my content' filter, they can view all ERA content</i>				

Editor of ERA Field of Research	ERA FoR	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete							<ul style="list-style-type: none"> • Can move content up to 'ERA checking underway' workflow step • Can view content in 'ERA confirmed' workflow step • Cannot remove content from a FoR to which they do not have rights • Cannot claim content from a FoR to which they do not have rights
SuperEditor of ERA Field of Research	ERA FoR	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete	<input checked="" type="checkbox"/> View <input checked="" type="checkbox"/> Edit <input checked="" type="checkbox"/> Create <input checked="" type="checkbox"/> Delete							<ul style="list-style-type: none"> • Can move content up to 'ERA confirmed' workflow step • Cannot remove content from a FoR to which they do not have rights • Cannot claim content from a FoR to which they do not have rights
Editor of ERA	Organisational unit	-	-	-	-	-	-	-	-	-	<p>With the introduction of FoR roles, we recommend that this Organisational Editor of ERA role is no longer used. We have marked this role for depreciation and therefore recommend that any users you have assigned to this role be re-assigned to a FoR role.</p>

ERA2018 Indicator summary

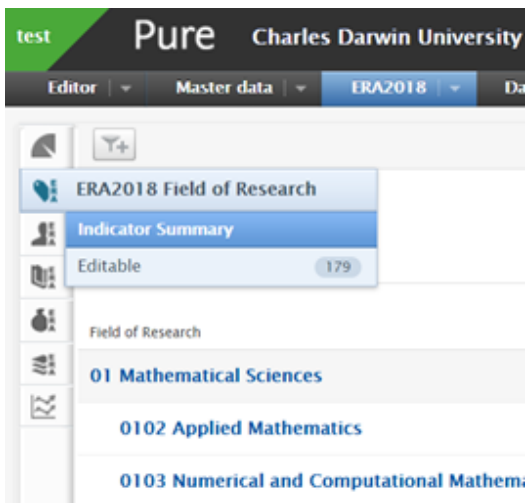
ERA2018 Indicator summary

The ERA Indicators screen replicates elements of the following ERA2015 Indicator:

- UoE Indicator Summary (Table 5)

Notes:

- The table is filtered to include only those ERA Researchers and ERA Research Outputs flagged as Eligible - this cannot be edited
- The table is accessible from the 'ERA2018 Field of Research' section in the navigation:



Field of Research	ERA Researchers			ERA Researcher Outputs		
	Appointed H:IC	Appointed FTE	Traditional	Non-Traditional	Portfolio	Low Volume Threshold
01 Mathematical Sciences	5.35	2.20	33.91	0.00	0.00	(19.2)
0101 Pure Mathematics	2.50	1.20	11.06	0.00	0.00	(11.1)
0102 Applied Mathematics	1.45	0.60	11.02	0.00	0.00	(5.5)
0103 Numerical and Computational Mathematics	0.85	0.30	4.49	0.00	0.00	(2.3)
0104 Statistics	0.55	0.30	7.34	0.00	0.00	(5.5)
02 Physical Sciences	3.13	1.45	46.10	0.00	0.00	(19.1)
0202 Atomic, Molecular, Nuclear, Particle and Plasma Physics	1.88	0.35	9.52	0.00	0.00	(7.5)
0204 Condensed Matter Physics	0.45	0.45	10.12	0.00	0.00	(4.1)
0205 Optical Physics	0.50	0.35	19.53	0.00	0.00	(4.1)
0206 Quantum Physics	0.30	0.30	4.60	0.00	0.00	(1)
0299 Other Physical Sciences	0.00	0.00	2.33	0.00	0.00	(5.3)
03 Chemical Sciences	3.37	2.22	14.61	0.00	0.00	(7.3)
0301 Analytical Chemistry	0.58	0.33	2.83	0.00	0.00	(1.5)
0302 Inorganic Chemistry	0.50	0.50	0.00	0.00	0.00	(0)

Table includes only Eligible ERA Research Outputs with specified FoR(s) and Eligible ERA Researchers

ERA2018 Researchers

ERA Researcher records are created in the ERA module and are associated to Person records in Pure.

There are two means available for creating ERA Researcher records:

- Manual creation
- Bulk import

Guidance for both of these is available below.



Creating and editing ERA Researchers

Item	Date posted / updated
ERA Researchers : Manually create and edit records 	29 Sept 2017
ERA Researchers : Bulk creation of records by file import	-
ERA Researchers : Bulk editing of content	-

ERA Researcher summary screens

- [ERA Researchers : Tabular view of editable list](#)
- [ERA Researchers : Academic level profile](#)

Additional ERA Researcher guidance

Item	Date posted / updated
ERA2018 Researcher - Mapping of metadata fields 	31 Jan 2018 

ERA2018 Researchers - Bulk editing of content

ERA Researchers : Bulk editing options:

- [Workflow, deletion](#)
- [FoR assignments](#)
- [Employment Level](#)

ERA Researchers : Bulk editing

The following bulk actions are available for ERA Researchers. When the action has been completed, you should make sure to read the log file of the bulk operation to confirm all actions were processed as expected (note that there may be multiple sheets in the log file).

- Change workflow
- Delete content

The screenshot shows the 'Pure' system interface for 'The University of Western Australia'. The main content area displays a list of ERA2018 Researchers. At the top, there is a search bar and a 'Bulk edit' button. Below the search bar, a message states 'All 11 items in the list are selected. Select none or Cancel'. The list shows two researchers: Joe Bloggs (University of X, 1/01/05 - present) and Fiona Buchan (University of X, 1/12/15 - present). Each researcher entry includes their name, institution, dates, and progress percentages for various categories. A 'Bulk edit' button is visible at the top of the list.

The screenshot shows a 'Bulk edit' confirmation dialog box. The dialog has a title bar 'Bulk edit' and a progress bar with three steps: 'Action', 'Verify', and 'Receipt'. The main message states 'The following content has been successfully updated' and '2 ERA2018 Researchers'. Below this, there is a 'Download log file of the bulk operation' link and a 'Close' button.

ERA Researchers : Bulk edit FoR assignments



Item	Date posted / updated	File template(s)
ERA Researchers : Bulk editing of FoR assignments 	26 July 2017	ERA Researcher FoR bulk edit import file 

Guidance notes

1	<p>To use the import file:</p> <ul style="list-style-type: none">• keep the column headers as they are input - DO NOT EDIT• ensure that when inputting FoR codes, where applicable, the lead zero is displayed (format cell as Text)• FoR %s should be input as integers (e.g. 50, 75, 100)• the ERA Person ID to be provided is the ERA Researcher record ID (not the associated Person record ID)
2	<p>The ERA Researcher record will be updated for every individual included in the import file, as per the logic described below.</p>
3	<p>The import function will include simple validation. The record will not update correctly if:</p> <ul style="list-style-type: none">• the individual does not exist in the ERA module as an ERA Researcher• any of the FoR codes input don't match the ERA list• the total FoR % apportionment doesn't add up to 100%• any of the FoR % apportionments is less than 10% <p>Note that if the 'Reason for FoR adjustment' field is already populated in the ERA Researcher record, if the import file does not contain any 'Reason' text, the existing text WILL NOT be overwritten and will remain on the ERA Researcher record.</p>

ERA Researchers : Bulk edit Employment Levels

The [ERA2018 Researcher Import job](#) has been enhanced to enable bulk editing of Employment Levels, as per the updated values for ERA2018.

Item	Date posted / updated	File template(s)
ERA Researchers : Bulk editing of Employment Level 	3 January 2018	ERA Researcher Employment Level bulk edit import file 

Guidance notes

1	<p>To use the import file:</p> <ul style="list-style-type: none"> • keep the column headers as they are input - DO NOT EDIT • remove the exemplar data in rows 2 - 4 • ensure that when inputting Employment Level, that, where applicable, the lead zero is displayed (format cell as Text) • you can either provide the Pure Person ID or the Employee ID (the job does not accept the ERA Researcher ID)
2	The ERA Researcher record will be updated for every individual included in the import file, as per the logic described below.
3	<p>The import function will include simple validation. The record will not update correctly if:</p> <ul style="list-style-type: none"> • the individual does not exist in the ERA module as an ERA Researcher • any of the values input don't match the accepted values for the field (see below)
4	Following import, the Employment Level will be editable on the ERA Researcher form itself.
5	If subsequent imports are done, and the 'Allow updates of employment level' configuration is enabled, existing records will be updated.

Employment Level values

013	Level E
014	Level D
042	Level C
066	Level B
100	Level A
001	Vice-Chancellor
005	Deputy Vice-Chancellor
220	Non-academic staff - senior executive
201	Level 1
202	Level 2
203	Level 3
204	Level 4
205	Level 5
206	Level 6
207	Level 7
208	Level 8
209	Level 9
210	Level 10
000	Other

ERA2018 Researchers - Import records

Import ERA Researchers

Item	Date posted / updated	File template(s)
ERA Researchers : Bulk creation of records by file import 	22 Jan 2017	<div style="border: 1px solid #ccc; padding: 5px;">  ERA Researcher import file <ul style="list-style-type: none"> • ERA Researcher import file  </div>

Guidance notes

1	<p>To use the import file:</p> <ul style="list-style-type: none"> • keep the column headers as they are input - DO NOT EDIT • remove the exemplar data in rows 2 - 4 • ensure that when inputting FoR codes and Employment Level, that, where applicable, the lead zero is displayed (format cell as Text) • FoR %s should be input as integers or decimals, e.g. 50 or 0.50 but must be consistent for each row
2	An ERA Researcher record will be created for every individual included in the import file, as per the logic described below.
3	The only required field is Employee ID OR Pure ID
4	Error messages will be generated in Pure for each individual included in the import file that doesn't exist in Pure as a Person (i.e. for the ERA Researcher record to be created, the individual must first exist as a Person in Pure).
5	<p>The import function will include simple validation. The record will not be imported if:</p> <ul style="list-style-type: none"> • the individual does not exist in Pure as a Person • any of the values input don't match the accepted values for the field (see below) • any of the FoR codes input don't match the ERA list • the total FoR % apportionment doesn't add up to 100% • any of the FoR % apportionments is less than 10% • the Employment status = Employed, and an FTE is not provided
6	Where FoR codes and % apportionments are not set in the import file, the ERA Researcher record created will be default populated with the Discipline Assignment(s) as per the Pure Person record (where populated).
7	<p>Where Workflow is not set in the import file:</p> <ul style="list-style-type: none"> • where Employment status, Researcher function, and Employment level are all set in the import file, Eligibility status is set to Yes and Workflow defaults to 'ERA Confirmed' • where Employment status, Researcher function, and/or Employment level are not set in the import file, Eligibility status is set to Under review and Workflow defaults to 'ERA Entry in progress'
8	Following import, the ERA-specific fields will be editable on the ERA Researcher form itself.
9	If subsequent imports are done, any new records will be created and any existing records will not be updated (thereby preserving any manual changes made directly in the ERA module in Pure).
10	Last Name and First Name are in the import file for information only (to help identify records by sight). Name details on the ERA Researcher record will be populated from the associated Pure Person record, regardless of the values input here.

Values

For the fields listed below, either the code or the name can be input (but the name must be spelled exactly the same for it to be accepted (using the code is recommended))

Employment status		Researcher function		Employment level		Workflow	
1	Employed	A	Research only	013	Level E	1	Entry in progress
2	Employed on a casual basis	B	Teaching and research	014	Level D	2	Checked
3	Other employed	C	Other function	042	Level C	3	Confirmed
				066	Level B		
				100	Level A		
				001	Vice-Chancellor		
				005	Deputy Vice-Chancellor		
				220	Non-academic staff - senior executive		
				201	Level 1		
				202	Level 2		
				203	Level 3		
				204	Level 4		
				205	Level 5		
				206	Level 6		
				207	Level 7		
				208	Level 8		
				209	Level 9		
				210	Level 10		
				000	Other		

ERA2018 Researchers - Summary screens



ERA Researchers summary screens

- [ERA Researchers : Academic Level Profile](#)
- [ERA Researchers : Tabular view of editable list](#)

ERA2018 Researchers - Academic Level Profile

Academic Level Profile

The ERA Researchers : Academic Level Profile screen replicates elements of the following ERA2015 Indicator:

- FTE Profile by Academic Level (Table 9)

Notes:

- By default, the table is filtered to include only those ERA Researchers flagged as Eligible. This filter can be edited / removed at the top of the screen.

The screenshot shows the 'Pure' system interface for 'The University of Australia'. The user is logged in as 'root' and is viewing the 'ERA2018' data. The table displays the 'Academic Level Profile' for researchers, filtered by 'Eligibility'. The table is divided into two main sections: 'Researcher Function: Apportioned FTE' and 'Researcher Function: Apportioned Headcount'. Each section has columns for 'Teaching and Research', 'Research Only', 'Other Function', 'TOTAL', and '%'. The data is as follows:

Employment Level	Researcher Function: Apportioned FTE					Researcher Function: Apportioned Headcount				
	Teaching and Research	Research Only	Other Function	TOTAL	%	Teaching and Research	Research Only	Other Function	TOTAL	%
Level A	0.0	0.0	1.0	1.0	33%	0	0	1	1	33%
Level B	1.0	0.0	0.0	1.0	33%	1	0	0	1	33%
Level C	0.0	1.0	0.0	1.0	33%	0	1	0	1	33%
TOTAL	1.0	1.0	1.0	3.0	100%	1	1	1	3	100%
%	33%	33%	33%	100%		33%	33%	33%	100%	

ERA2018 Researchers - Tabular view of editable list

Tabular view of editable list

The ERA Researcher editable list can be viewed in tabular form, enabling easier visibility of ERA-relevant content.

Columns available are:

- ERA Researcher
- Employment status
- Researcher function
- Employment level
- FTE
- Eligibility
- Personal circumstances
- Number of eligible / under review ERA Outputs
- Output FoR assignment(s)
- Number of outputs nominated for Peer Review
- Proportion of total Peer Review sample (of those ERA researchers listed, so if the list is filtered for FoR, this will show the representativeness of the Peer Review sample selected)
- **New for 5.9.2** (by default, these columns are not selected - you can select them for display by going to the top right-hand corner of the screen and, next to 'Views', selecting the gear icon)
 - ERA FoR Assignment (s)
 - Associated Person FoR Assignment(s)
 - Reason
 - Workflow

ERA2018 Researcher (by last name)	Employment status	Researcher function	Employment level	FTE	Eligibility	Personal circumstances	Number of eligible outputs / under review	ERA FoR Assignment(s)	Associated Person FoR Assignment(s)	Reason	Output FoR(s)	Number of outputs nominated for peer review	Proportion of total Peer Review sample	Workflow
Bloops, Ivo	Employed	Teaching and Research	Level C	1	Eligible	No personal circumstances	17	1801			0801 1112 1201 1203 1301 1302 1501 1505	0		ERA Entry in Progress
Smith, Mary	Employed	Teaching and Research	Level E	1	Eligible	No personal circumstances	0	1103 1101 1102	1103 1101 1102			0		ERA Entry in Progress
Stewart, Patrick	Employed	Research only	Level B	1	Eligible	No personal circumstances	0	0905	0901 0901	Morbi eu ante at ex aliquet co...		0		ERA Entry in Progress

To access the tabular view, go to the top right-hand corner of the screen and, next to 'Views', select the icon for tabular. To edit the columns that are visible, select the gear icon. Columns can be moved about simply by dragging and dropping the header.

Columns to display:

- ERA2018 Researcher
- Employment status
- Researcher function
- Employment level
- FTE
- Eligibility
- Personal circumstances
- Number of eligible / under review ERA outputs
- Output FoR(s)
- Number of outputs nominated for peer review
- Proportion of total Peer Review sample

Drag a table column header to move it



ERA2018 Research Outputs

ERA Research Output records are created in the ERA module and are associated to Research Output records in Pure.

There are three means available for creating ERA Research Output records:

- Manual creation
- Bulk import
- Automatic creation

Creating and editing ERA Research Output content

Item	Date posted / updated
ERA Research Outputs : Manually create and edit records 	1 Feb 2018
ERA Research Outputs : Bulk creation of records by file import	-
ERA Research Outputs : Automatic creation of records 	1 Feb 2018
ERA Research Outputs : Bulk editing of content	-

ERA Research Output summary screens

- [ERA Research Outputs : Monitoring screen](#)
- [ERA Research Outputs : Tabular view of editable list](#)
- [ERA Research Outputs : Peer Review : Monitoring screen](#)
- [ERA Research Outputs : Profile](#)

EID Tagging and WoS citations guidance

Item	Date posted / updated
EID tagging	4 Dec 2017
Citations for ERA2018	4 Dec 2017

Additional ERA Research Output guidance

Item	Date posted / updated
ERA2018 Research Outputs - Mapping output types	28 Jan 2017
ERA2018 Research Outputs - Mapping of metadata fields 	7 Mar 2018 
Manually create and edit ERA Portfolios 	28 Jan 2017
Ensuring ERA Research Outputs are correctly attributed to ERA Journals / Conferences / Publishers 	28 Jan 2017
Pure ERA repository functionality 	31 Oct 2017
Available in Open Access Repository 	4 Dec 2017
ERA2018 Research Outputs - Reference period	20 Dec 2017
ERA2018 Research Outputs - Author Collaborations and Hyperauthorship	2 Feb 2018 

ERA2018 Research Outputs - Author Collaborations and Hyperauthorship

ERA Research Outputs : Author collaborations and hyperauthorship

As described in the [5.11.0 Release Notes](#), we have introduced new functionality to better handle hyperauthorship and author collaborations.

As part of this new feature, in cases of hyperauthorship:

- existing records will be edited to remove External authors and External organisations as per the limits described below
- new records imported from online sources will by default only import the first X author names, as per the limits described below

The default action is to retain the first 50 author names. But if the ERA Module is enabled, this default number is increased to 250*. As such, in cases of hyperauthorship, only 250 author names will be stored on the Research Output - ALL internal authors, and the first external authors in the author list up to 250 (note that if there are more than 250 internal authors, they will all be retained).

This new functionality has implications for ERA2018, given the following guidance from the ERA2018 Technical Specifications:

For each research output across all types, the institution must provide the list of all creators named in the research output. However, where the research output consists of a large number of creators, the institution must provide a list of all creators in the order that appear on the publication, up to the last staff creator claimed by the institution. For example, if the research output has a thousand creators and the last staff creator submitted by the institution appears as creator number 250, the institution must provide the creator list showing 250 creators in the order that they appear on the publication.

However, after having discussed this with the ERA Working Group on 2 February, the Group indicated that this should not cause any issues in terms of submission validation or data integrity. In past submissions, similar truncation has been submitted with no queries raised by the ARC.

In terms of how this will look in the submission XML, below is a snippet of the submission XML showing an output with >2,000 co-authors (see <http://www.sciencedirect.com/science/article/pii/S0370269312011276>), only 250 of which are held in Pure. Internal authors are highlighted.

ERA Submission XML snippet - Original output has >2,000 authors

```
<!--PureID:18657062-->
  <journalArticle journalIssue="2" journalVolume="718" extent="22 pages" yearPublished="2012" doi="
10.1016/j.physletb.2012.10.061" availableInOpenAccessRepository="false">
  <title nativeScript="Search for the Standard Model Higgs boson produced in association with a
vector boson and decaying to a b-quark pair with the ATLAS detector"/>
  <creators>
    <creator orderInOutput="1" publishedName="The ATLAS Collaboration"/>
    <creator orderInOutput="2" publishedName="G. Aad"/>
    <creator orderInOutput="3" publishedName="B. Abbott"/>
    <creator orderInOutput="4" publishedName="J. Abdallah"/>
    <creator orderInOutput="5" publishedName="S. Abdel Khalek"/>
    <creator orderInOutput="6" publishedName="A. A. Abdelalim"/>
    <creator orderInOutput="7" publishedName="O. Abdinov"/>
    <creator orderInOutput="8" publishedName="B. Abi"/>
    <creator orderInOutput="9" publishedName="M. Abolins"/>
    <creator orderInOutput="10" publishedName="O. S. AbouZeid"/>
    <creator orderInOutput="11" publishedName="H. Abramowicz"/>
    <creator orderInOutput="12" publishedName="H. Abreu"/>
    <creator orderInOutput="13" publishedName="E. Acerbi"/>
    <creator orderInOutput="14" publishedName="B. S. Acharya"/>
    <creator orderInOutput="15" publishedName="L. Adamczyk"/>
    <creator orderInOutput="16" publishedName="D. L. Adams"/>
    <creator orderInOutput="17" publishedName="T. N. Addy"/>
```

```

<creator orderInOutput="18" publishedName="J. Adelman"/>
<creator orderInOutput="19" publishedName="S. Adomeit"/>
<creator orderInOutput="20" publishedName="P. Adragna"/>
<creator orderInOutput="21" publishedName="T. Adye"/>
<creator orderInOutput="22" publishedName="S. Aefsky"/>
<creator orderInOutput="23" publishedName="J. A. Aguilar-Saavedra"/>
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<creator orderInOutput="26" publishedName="S. P. Ahlen"/>
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<creator orderInOutput="33" publishedName="G. Akimoto"/>
<creator orderInOutput="34" publishedName="A. V. Akimov"/>
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<creator orderInOutput="40" publishedName="I. N. Aleksandrov"/>
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<creator orderInOutput="43" publishedName="G. Alexander"/>
<creator orderInOutput="44" publishedName="G. Alexandre"/>
<creator orderInOutput="45" publishedName="T. Alexopoulos"/>
<creator orderInOutput="46" publishedName="M. Alhroob"/>
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<creator orderInOutput="53" publishedName="J. Almond"/>
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<creator orderInOutput="63" publishedName="A. Amorim"/>
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<creator orderInOutput="66" publishedName="L. S. Ancu"/>
<creator orderInOutput="67" publishedName="N. Andari"/>
<creator orderInOutput="68" publishedName="T. Andeen"/>
<creator orderInOutput="69" publishedName="C. F. Anders"/>
<creator orderInOutput="70" publishedName="G. Anders"/>
<creator orderInOutput="71" publishedName="K. J. Anderson"/> - INTERNAL AUTHOR (WITH ASSOCIATED
ERA RESEARCHER RECORD)
<creator orderInOutput="72" publishedName="A. Andreatza"/>
<creator orderInOutput="73" publishedName="V. Andrei"/>
<creator orderInOutput="74" publishedName="X. S. Anduaga"/>
<creator orderInOutput="75" publishedName="P. Anger"/>
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ERA RESEARCHER RECORD)

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* As discussed at the ERA Working Group meeting on 2 February, this number of 250 is the result of a 'mis-remembering' of the ERA guidance on hyperauthorships, recalling the number 250 but not the context.

ERA2018 Research Outputs - Bulk editing of content




RELEASED : 5.9.0
UPDATED : 5.9.2, 5.10.2

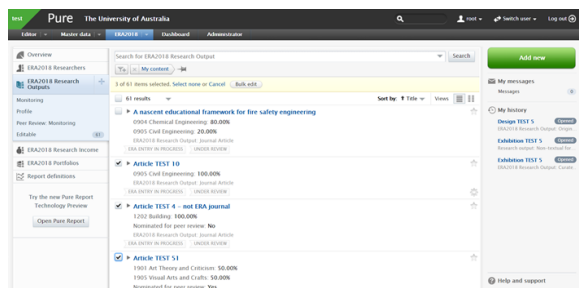
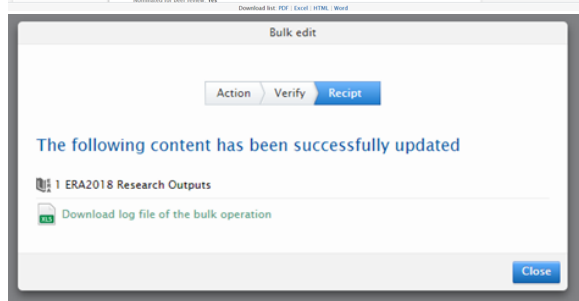
ERA Research Outputs : Bulk edit FoR assignments		
Item	Date posted / updated	File template(s)
ERA Research Outputs : Bulk editing of FoR assignments 	24 July 2017	ERA Research Output FoR bulk edit import file 



Guidance notes

ERA Research Outputs : Bulk editing

The following bulk actions are available for ERA Research Outputs. When the action has been completed, you should make sure to read the log file of the bulk operation to confirm all actions were processed as expected (note that there may be multiple sheets in the log file).

Action	Notes
Change workflow	
Change eligibility status	Only the options of 'Yes' and 'Pending' are available. 'No' is not available as, when 'No' is selected, the Reason field is mandatory, and this cannot be applied in bulk.
Change nominated for Peer Review	<ul style="list-style-type: none"> For those ERA Outputs where a Research Statement is mandatory, the bulk operation is not performed (the log provides information on affected outputs) For those ERA Outputs assigned to Citation disciplines, the bulk operation is not performed (the log provides information on affected outputs) For those ERA Outputs assigned to multiple Peer Review FoRs, only the first in the list will be applied as the Peer Review Nominated FoR
Change Journal Article Indexing override	See ERA2018 Research Outputs - EID Tagging for more information
Change Available in Open Access Repository override	See Available in Open Access Repository guide  for more information
Delete content	

- To use the import file:
 - keep the column headers as they are input - DO NOT EDIT
 - ensure that when inputting FoR codes, where applicable, the lead zero is displayed (format cell as Text)
 - FoR %s should be input as integers (e.g. 50, 75, 100)
 - the **PureID** to be provided is the **ERA Research Output** record ID (not the associated Research Output record ID)
- The ERA Research Output record will be updated for every output included in the import file, as per the logic described below.
- The import function will include simple validation. The record will not update correctly if:
 - the output does not exist in the ERA module as an ERA Research Output
 - any of the FoR codes input don't match the ERA list
 - the total FoR % apportionment doesn't add up to 100%
 - any of the FoR % apportionments is less than 20%
 - the output can't be a 'Other' non-traditional ERA Output Type (5a-5d), but assigned to a Citation discipline in the Discipline Assignment (see the [ERA2015 Discipline Matrix](#) )
 - any of the Nominated Peer Review Disciplines can't be a Citation Discipline (see the [ERA2015 Discipline Matrix](#) )
 - the Nominated Peer Review Disciplines must match the FoR codes for the ERA Output
- Notes:**
 - If the 'Reason for FoR adjustment' field is already populated in the ERA Research Output record, if the import file does not contain any 'Reason' text, the existing text WILL NOT be overwritten and will remain on the ERA Research Output record.
 - There are some complications around updating Discipline Assignments for ERA Outputs nominated for Peer Review, due to the validation that the Peer Review FoR(s) must match the Discipline Assignment FoR(s).
 - It is possible to change together the Discipline Assignment and Nominated Peer Review FoR(s) using this job.
 - The main complication is that it is not possible to use this job to de-nominate an output for Peer Review. For example, if the current discipline assignment is 1301 and the ERA Output is nominated for Peer Review in 1301, it is not possible to use this job to re-assign the discipline assignment to 1302 and de-nominate for Peer Review by not providing a Peer Review FoR. The record will continue to hold 1301 as the Nominated Peer Review FoR and will therefore fail validation as this doesn't match the discipline assignment FoR. To de-nominate an output for Peer Review, use the bulk actions described to the left.

ERA2018 Research Outputs - EID Tagging

Released : 5.10.2

EID Tagging guidance

The guidance below describes how to import the ERA2018 EID tagging information from Clarivate (the ERA2018 citation supplier) into the ERA module in Pure.

Note that the ERA2018 EID tagging functionality will not alter Research Output records. If customers would also like to update their Pure Research Output records with the WoS IDs provided by Clarivate, they can use the existing "External Publication ID Import" job (note that this job will only work for WoS IDs provided by Clarivate; Medline, BCI, and any other IDs provided by Clarivate will not be uploaded).

Configuring and importing the EID tagging file

In order to update ERA Journal Article records with their tagging and indexing status (and enable the display of [WoS citation counts](#) on the ERA Output record, if desired), you must run the "ERA2018 Import/update Tagging Status, EID And Document Type" job, which takes the data provided by the citation supplier and uploads it to the relevant ERA Research Output records.

The screenshot shows the Pure Australia University interface. The top navigation bar includes 'test', 'Pure', 'Australia University', and a search bar. Below the navigation bar, there are tabs for 'Editor', 'Master data', 'ERA2018', 'Dashboard', 'FAAR', 'Award management', 'Funding Discovery', 'Administrator', and 'Usage analytics'. The main content area is titled 'Scheduled Cron Jobs' and features a 'Create new job' dropdown menu. The dropdown menu is open, showing a list of job options, with 'ERA2018 Import/update Tagging status, EID and Document Type' highlighted. Other jobs listed include 'Preserved Content Update', 'Search For Import Candidates', and 'Content Fingerprinting'. The interface also shows a sidebar with navigation options like 'Overview', 'Jobs', 'Cron Job Scheduling', 'Single Run Jobs', 'Job management', 'Job log', 'System settings', 'Security', 'Messages and text resources', 'Documentation', 'Terms of agreement', 'Keywords', 'Web services', 'Support', and 'Certificate management'.

You should set the job up to run **manually**. Each time the job is run, any existing EID tagging content on an ERA Output is overridden - **EXCEPT** where the Indexing status has been overridden to 'Not indexed' (see below); any subsequent import will not alter this manual override.

ERA2018 Import/update Tagging Status, EID And Document Type

Unsaved

Updates existing ERA research output with Tagging status, EID, Document type based on input from the uploaded excel document. Pure ID or UUID is required to match the ERA research outputs to excel record.

Runs job Era2018EIDTaggingImportJob as user root

Schedule

Will be scheduled for 28. Nov 2017 01:00. Next run after that is 29. Nov 2017 01:00.

Interval

Daily

Daily

Weekly

Monthly

Quarterly

Yearly


Manual

Custom

Cancel — or — Remove from schedule

Please provide valid configuration values.

The tagged file provided by Clarivate needs some minor edits to enable it to be imported into Pure. You can keep all the columns provided by Clarivate, but as their column header names are not unique (i.e. there are multiple 'Year', 'Journal Title', 'DOI', etc. columns), you need to first **ensure that all column header names are unique** (even if not specifically being used by the import, as listed below), and then you need to point Pure to the columns that it should import. This is done via the job configuration page. The order of the columns in the import file does not matter, just that you appropriately label them and configure the job to look to the right place.

Job configuration	
<p>Default configurations</p> <p>ERA research output EID/status file *</p> <p>Excel file used to populate ERA Research Outputs with Tagging status, EID, and Document type. Journal Article Indexing status is based on the tagging status uploaded here. Each time the job is run, any existing EID tagging content on an ERA Research Output is overwritten - EXCEPT where the Indexing status has been overwritten to 'Not indexed'; any subsequent import will not alter this manual override. The import file should employ unique headers. See the ERA2018 wiki for further guidance.</p> <div style="border: 1px dashed gray; padding: 5px; text-align: center;">  Drag file or browse your computer. </div> <p>Pure ID / UUID *</p> <p>Header of the column used to match the correct ERA 2018 research output. The import will fail if no such column is found. Values can be UUIDs or Pure IDs from either the research outputs or the ERA 2018 research outputs, but they must all be of the same type.</p> <p>PUREID</p> <p>Tagging status</p> <p>Header of the tagging status column. The 'indexed' field of the ERA 2018 research output will be calculated based on the value of this column. Taking into account that some of the ERA 2018 research outputs have been manually set to 'not indexed' (it will not overwrite this).</p> <p>Status</p> <p>Tagging notes</p> <p>Header of the notes column. Usually only present if an output was not tagged successfully.</p> <p>Notes</p> <p>EID</p> <p>Header of the EID column.</p> <p>EID</p> <p>Document types</p> <p>Header of the document type(s) column. Multiple document types are expected to be separated with a semicolon. Note that each unique document type will be automatically created as a classified value.</p> <p>Document Type-FORIMPORT</p> <p><input type="button" value="Update"/> <input type="button" value="Cancel"/></p>	
Pure ID / UUID	Header of the column used to match the correct ERA 2018 research output. The import will fail if no such column is found. Values can be UUIDs or Pure IDs from either the research outputs or the ERA 2018 research outputs, but they must all be of the same type.
Tagging status	Header of the tagging status column. The 'indexed' field of the ERA 2018 research output will be calculated based on the value of this column (if value = 'Successfully tagged', Indexing status will be 'True'). Taking into account that some of the ERA 2018 research outputs have been manually set to 'not indexed' (it will not overwrite this).
Tagging notes	Header of the notes column. Usually only present if an output was not tagged successfully.
EID	Header of the EID (or UT) column.
Document types	Header of the document type(s) column. Multiple document types are expected to be separated with a semicolon. Note that each unique document type will be automatically created as a classified value.

Following import, successfully updated ERA Journal Article records will display as follows in the editor. ERA Output types other than ERA Journal Articles will not be updated in the editor.

Indexed : Assigned to a citation discipline

Journal article indexing

Indexing status
Indexed

Override indexing status

Status as per citation supplier ▼

Tagging status
Successfully Tagged

EID
WOS:000386804300004

Document type
 **ARTICLE**

Indexed : Not currently assigned to a citation discipline

Journal article indexing

This output is not currently assigned to a citation discipline; this section is presented here for information only.

Indexing status
Indexed

Override indexing status

Status as per citation supplier ▼

Tagging status
Successfully Tagged

EID
WOS:000354779300004

Document type
 **ARTICLE**

Not indexed : Assigned to a citation discipline

Journal article indexing

Indexing status
Not indexed

Override indexing status

Status as per citation supplier ▼

Tagging status
Not Indexed: Journal not indexed

EID
No value

Overwriting the Indexing status

It is possible to override the Indexing status from 'Indexed' to 'Not indexed'. This may be required should the Document type not be submittable to ERA2018 as an indexed Journal Article.

By default, the Indexing status is as per the EID import file (i.e. as per the citation supplier's data).

<p>Journal article indexing</p> <p>Indexing status Indexed</p> <p>Override indexing status Status as per citation supplier ▼</p> <p>Tagging status Successfully Tagged</p> <p>EID WOS:000386804300004</p> <p>Document type ARTICLE</p>	<p>Journal article indexing</p> <p>Indexing status Indexed</p> <p>Override indexing status Status as per citation supplier ▼ Override to 'Not indexed'</p> <p>Tagging status Successfully Tagged</p> <p>EID WOS:000386804300004</p> <p>Document type ARTICLE</p>	<p>Journal article indexing</p> <p>Indexing status Not indexed</p> <p>Override indexing status Override to 'Not indexed' ▼</p> <p>Tagging status Successfully Tagged</p> <p>EID WOS:000386804300004</p> <p>Document type ARTICLE</p>
--	---	--

Overriding the Indexing status can be done manually, in each ERA Research Output record, or in bulk, using the ERA Research Output bulk actions available in the editable list.

The screenshot shows a 'Bulk edit' window with several radio button options. The 'Change journal article indexing override' option is selected. Under this option, there are two sub-options: 'Status as per citation supplier' and 'Override to 'Not indexed'' (which is highlighted in blue). A 'repository override' label is visible next to the 'Override to 'Not indexed'' option. At the bottom of the window are 'Close' and 'Next' buttons.

Note that where the Indexing status has been overridden and the EID tagging import job is run again, this overridden Indexing status will be maintained as 'Not indexed'.

Reporting and filtering on EID Tagging status

It is possible to filter and report on EID Tagging status (but note that for reporting, you will likely need to manually configure the fields to be available in the 'classic' reporting module).

The following columns have been added to the ERA Research Output tabular view:

- Indexed journal article
- Document type
- Citation count (WoS)
- Citation count (Scopus)

The following filters are available in the ERA Research Output editable list:

- Indexed Journal article (Indexed / Not)
- Document type (as per the Documents types from your EID import file(s))

In both 'classic' and new reporting, the following fields are available for reporting:

- Indexing status
- Override indexing status
- EID
- Document type
- WoS citation count
- Scopus citation count



Pure Report Australia University

Untitled report

ERA2018 Research Output

	A	B	C	D
	Title	Indexed	Override indexing status	Document types
1	Aboriginal and non-Aboriginal children in Western	False	Status as per citation supplier	
2	Absence of an important vaccine and diagnostic test	True	Status as per citation supplier	ARTICLE
3	Accuracy of cough reporting by carers of Indigenous	False	Status as per citation supplier	
4	A child chronic cough-specific quality of life measure	True	Status as per citation supplier	ARTICLE
5	A comparison of fluoroscopic airway screening with	False	Status as per citation supplier	
6	A Comparison of Virtual Bronchoscopy Versus Flexi	False	Status as per citation supplier	
7	A Cough Algorithm for Chronic Cough in Children	False	Status as per citation supplier	
8	Acute respiratory infections among Indigenous child	False	Status as per citation supplier	
9	Adenovirus species C is associated with chronic sup	False	Status as per citation supplier	
10	Adult and paediatric cough guidelines	False	Status as per citation supplier	
11	A multicenter study on chronic cough in children b	True	Status as per citation supplier	ARTICLE
12	A multi-centre open-label randomised noninferior	True	Status as per citation supplier	ARTICLE
13	An acute cough-specific quality-of-life questionair	False	Status as per citation supplier	
14	Anatomy and Neurophysiology of Cough	True	Status as per citation supplier	ARTICLE
15	An objective study of acid reflux and cough in child	True	Status as per citation supplier	ARTICLE

New Column

ERA2018 Research Outputs (1-0)

Back

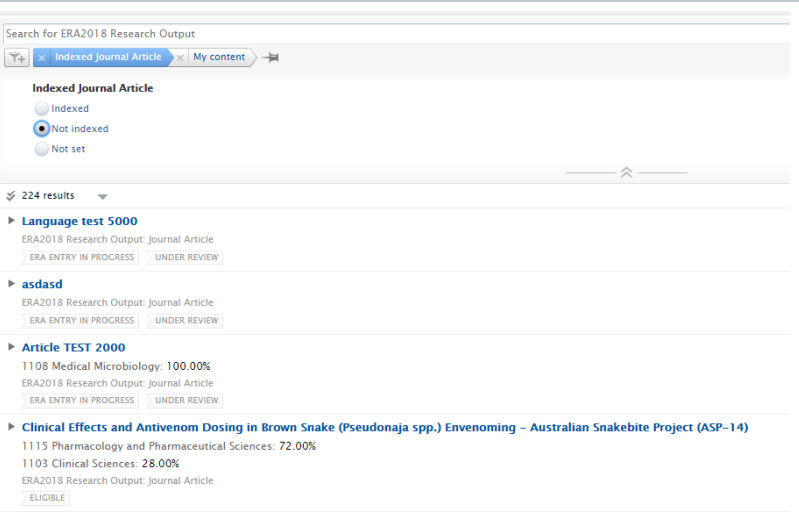
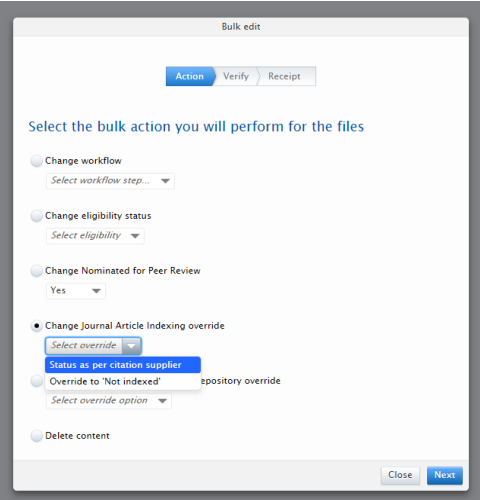
Select value

Search for values

- Type
- Additional ERA Research output metadata
- Eligibility
- Discipline assignment
- Nominated peer review disciplines
- Journal article indexing
 - Document types Used in column D
 - Indexed Used in column B
 - Number of document types
 - Override indexing status Used in column
- Citations
- Access to output
- Warnings
- Sensitivity
- Portfolio
- Workflow
- History and comments
- System info
- Advanced

Clearing out Indexing information

If you wish to clear out all previously imported indexing information, it is possible to do so.


	Action	Notes
1	Move all overridden Indexing statuses back to 'As per citation supplier'	<p>As the import job does not overwrite manually overridden Indexing statuses, it's first important to use the bulk actions to move all overridden Indexing statuses back to 'As per citation supplier'</p> <div style="display: flex; border: 1px solid #ccc; padding: 5px;"> <div style="border-right: 1px solid #ccc; padding: 5px; width: 30%;"> <p>1 Filter the editable list of ERA Research Outputs to list only those with the 'Not indexed' Journal article indexing status</p> </div> <div style="padding: 5px;">  </div> </div> <div style="display: flex; border: 1px solid #ccc; padding: 5px;"> <div style="border-right: 1px solid #ccc; padding: 5px; width: 30%;"> <p>2 Use the bulk actions to edit the Journal article indexing status to 'Status as per citation supplier'. This will change all those where the indexing status has been overridden to 'Not indexed' back to 'Status as per citation supplier' (and will ignore all those that already have 'Status as per citation supplier').</p> </div> <div style="padding: 5px;">  </div> </div>
2	Create and upload your EID import file	Follow the "Configuring and importing the EID tagging file" instructions above. Create a blank EID import file with the Pure IDs / UUIs for all those outputs for which you wish to wipe out - you will continue to need all required columns (e.g. EID, Tagging Status, etc.) but these should all be blank. The only populated column should be the Pure ID / UUIs.
3	Result!	All outputs included in this blank EID import file will be moved to 'Journal article indexing status' = Not indexed, and all associated information (e.g. EID, Tagging Notes, Document Type) will be deleted.




ERA2018 Research Outputs - Import records

Import ERA Research Outputs

Item	Date posted / updated	File template(s)
ERA Research Outputs : Bulk creation of records by file import 	28 Jan 2017	<div style="border: 1px solid #ccc; padding: 5px;">  ERA Research Output import file <ul style="list-style-type: none"> • ERA Research Output import file  </div>

Guidance Notes

1	<p>To use the import file:</p> <ul style="list-style-type: none"> • keep the column headers as they are input - DO NOT EDIT • remove the exemplar data in rows 2 - 4 • ensure that when inputting FoR codes that, where applicable, the lead zero is displayed (format cell as Text) • FoR %s should be input as integers or decimals, e.g. 50 or 0.50 but must be consistent for each row
2	An ERA Research Output record will be created for every output included in the import file.
3	<p>The only required fields are:</p> <ul style="list-style-type: none"> • EITHER Pure Research Output ID OR Other Research Output ID (see (4) below) • ERA Output Type • Non-Traditional Output Category (where applicable) <p>Output Title and Author(s) are in the import file for information only (to help identify records by sight). These details on the ERA Research Output record will be populated from the associated Pure Research Output record, regardless of the values input here.</p>
4	<p>Identifiers:</p> <ul style="list-style-type: none"> • Each imported file must use EITHER the Pure Research Output ID OR the Other Research Output ID for all records. If there is a mixed economy of IDs, no records will import (if you have a mixed economy, just do two separate imports). • The Other Research Output ID is the primary Source ID from the Pure Research Output record (e.g. if imported from Scopus, this will be the Scopus ID; if imported from an in-house system, this will be the in-house ID). <p>External publication ids</p> <hr/> <p>Publication import id  Scopus: 77952763619</p> <p>Additional source ids PubMed: 20194713</p> <p style="text-align: right;">Edit —</p> <p>Add additional source...</p>
5	Error messages will be generated in Pure for each output included in the import file that doesn't exist in Pure as Research Output (i.e. for the ERA Research Output record to be created, the output must first exist as a Research Output in Pure).

6	<p>The import function includes simple validation.</p> <p>The record will not be imported if:</p> <ul style="list-style-type: none"> • the output does not exist in Pure as a Research Output • the output is not associated with at least 1 ERA Researcher • the output was not published during the ERA2018 Reference Period (1 January 2011 - 31 December 2016) (see ERA2018 Research Outputs - Reference period) (if the Research Output has a Published date of 2017, ERA Research Output will not be created) • any of the values input don't match the accepted values for the field (see below) • the Output Type does not match the Pure Research Output type, as per the ERA Research output mapping (e.g. Journal Article to ERA Book) (see ERA2018 Research Outputs - Mapping output types) (see exception noted in (9) below) • the output has been assigned to a non-traditional ERA Output Type (5a-5e), but no Non-Traditional Output Category has been provided • the output has been assigned to a traditional ERA Output Type (1-4), but a Non-Traditional Output Category has been provided • any of the FoR codes input don't match the ERA list • the total FoR % apportionment doesn't add up to 100% • any of the FoR % apportionments is less than 20% • the output has been assigned to a 'Other' non-traditional ERA Output Type (5a-5d), but has been assigned to a Citation discipline in the Discipline Assignment (see the ERA2015 Discipline Matrix ) • any of the Nominated Peer Review Disciplines is a Citation Discipline (see the ERA2015 Discipline Matrix ) • the Nominated Peer Review Disciplines do not match the FoR codes for the ERA Output <p>The record will be imported, but a warning will be generated, if:</p> <ul style="list-style-type: none"> • the output is not yet published (according to the Publication State of the associated Pure Research Output record) • a Research Statement has been provided for a Traditional output (the Research Statement will not import) • the output is flagged as Sensitive, but has not been nominated for Peer Review (Sensitive flag and any associated data (i.e. Type of Sensitivity / Sensitive Handling Note) will not import)
7	<p>Where FoR codes and % apportionments are not set in the import file, the ERA Research Output record created will be default populated with the Discipline Assignment(s) as per the Pure Research Output record (where populated) (if not populated in the Pure Research Output record, and no values are set in the import file, the ERA Research Output will not be created).</p>
8	<p>Where Workflow is not set in the import file, the ERA Research Output record created will be placed in the 'ERA Entry in Progress' workflow status.</p>
9	<p>Where the associated Pure Journal Article is attached to a Journal that is not listed in the official ERA Journal list, it is possible to assign such an output to an ERA Non-Traditional Output category. This is an exception to the note above.</p>
10	<p>Note that the Research Statement and Sensitive Handling Note fields do not support mark-up; only plain text will be imported.</p>
11	<p>Following import, the ERA-specific fields will be editable on the ERA Research Output form itself.</p>
12	<p>Individual portfolio items should be included in the import file. Once the ERA Research Output records are created for the individual portfolio items, the user can then group them together in a single ERA Portfolio as per the process described in the ERA Portfolios User Guide .</p>
13	<p>If subsequent imports are done, any new records will be created and any existing records will not be updated (thereby preserving any manual changes made directly in the ERA module in Pure).</p>

Values

For the fields listed below, either the code or the name can be input (but the name must be spelled exactly the same for it to be accepted (using the code is recommended))

ERA Output type		Non-Traditional Output Category		Workflow	
1	Book			1	Entry in progress
2	Book chapter			2	Checked
3	Journal article			3	Confirmed
4	Conference publication				
5a	Original creative work	1	Visual art work		
		2	Design / architectural work		
		3	Written work		
		4	5a Other		
5b	Live performance	1	Music		
		2	Play		
		3	Dance		
		4	5b Other		
5c	Recorded or rendered work	1	Film, video		
		2	Performance		
		3	Inter-arts		
		4	Digital creative work		
		5	Website / web exhibition		
		6	5c Other		
5d	Curated exhibition or event	1	Web-based exhibition work		
		2	Exhibition / event		
		3	Festival		
		4	5d Other		
5e	Research report for an external body	1	Public sector		
		2	Industry		
		3	Not for profit		
		4	5e Other		

ERA2018 Research Outputs - Mapping output types

ERA Research Outputs mapping

In order to capture Research Outputs according to the Output types defined by ERA, a mapping must be defined that maps the Pure Output types to the ERA Research Output types (i.e. Research Report for an External Body, Recorded or Rendered Work, etc.). Pure is initially populated with a default mapping, but this may not match your local Output types. If this is the case, you must upload an updated mapping.




Output type mapping file

- [ERA Output type mapping file template \(default values\)](#)  (for import)
- [Default Output mapping description](#) 

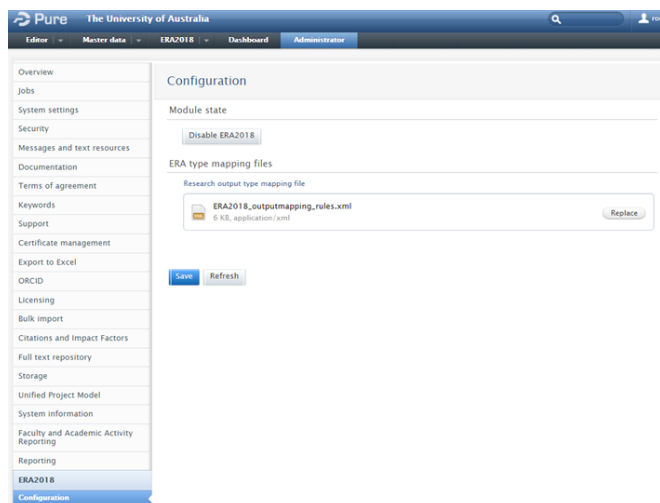
Update the mapping file

To update the mapping, download the XML template above and make the required edits.

Notes:

- 1:many and many:1 Pure output type to ERA output type relationships are supported - if a 1:many mapping is selected, note that users will then need to select the relevant ERA output type following creation of the ERA Research Output record
- As described in the 'Default Output mapping description' file (in the 'ERA-Pure' tab), 'fallback' rules are applied to the mapping to permit an 'all others' mapping situation that avoids you having to define each mapping individually
- It is **strongly** recommended that you keep the mapping of overall Pure output templates consistent with the default mapping, in order to ensure the accurate mapping of metadata fields to the correct fields in the ERA submission xml file (see [ERA2018 Research Outputs - Mapping of metadata fields](#) ).

Once the file is ready, it should be uploaded via the Administrator > ERA2018 tab. The existing **Research output type mapping file** should be replaced with your local mapping file.



It is recommended that you try to keep the mapping file constant over time. However, if in the future you need to update the mapping file, you should first download the mapping file from Pure (to ensure you are working off of the existing mapping). The mapping file can be downloaded from Pure via the Master Data > File Handles > ERA output mapping.

ERA output mapping

File handle: File handles > ERA type mapping

File handle


Usage

ERA type mapping ▼

Description *

ERA output mapping

File *

 ERA2018_outputmapping_rules.xml Show file -
ERA2018_outputmapping_rules.xml, 6 KB,
application/xml

Change file...

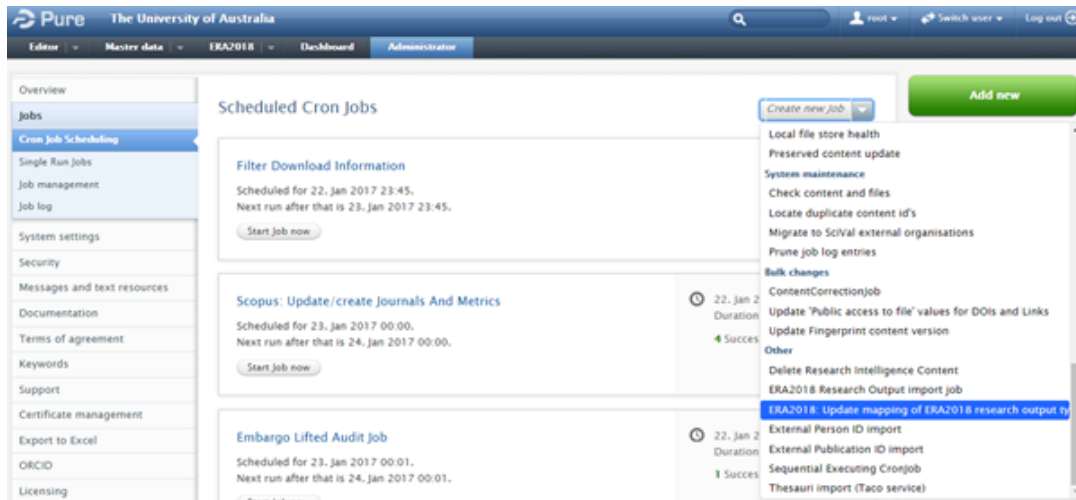
Visibility *

Public - No restriction ▼

To update the mapping file, **DO NOT** simply change the existing file in the File Handle! Follow the instructions above for uploading the file via the ERA configuration tab.

Apply the mapping to existing content

After updating the mapping file, you must run the **ERA2018: Update Mapping Of ERA2018 Research Output Types** cron job to update the ERA Output type mapping for all existing ERA Research Output records.



The screenshot shows the 'Pure' system interface for 'The University of Australia'. The 'Administrator' role is active. The 'Scheduled Cron Jobs' section is visible, listing three jobs: 'Filter Download Information', 'Scopus: Update/create Journals And Metrics', and 'Embargo Lifted Audit Job'. A dropdown menu is open, showing a list of cron jobs. The job 'ERA2018: Update mapping of ERA2018 research output types' is highlighted in blue. Other jobs in the list include 'Local file store health', 'Preserved content update', 'System maintenance', 'Check content and files', 'Locate duplicate content id's', 'Migrate to Scival external organisations', 'Prune job log entries', 'Bulk changes', 'ContentCorrectionJob', 'Update 'Public access to file' values for DOIs and Links', 'Update Fingerprint content version', 'Other', 'Delete Research Intelligence Content', 'ERA2018 Research Output import job', 'External Person ID import', 'External Publication ID import', 'Sequential Executing Cronjob', and 'Thesauri import (Taco service)'.

The job should be scheduled to only run **Manually**.

ERA2018 Research Outputs - Reference period



RELEASED : 5.8.0
UPDATED : 5.9.0, 5.10.3, 5.11.0

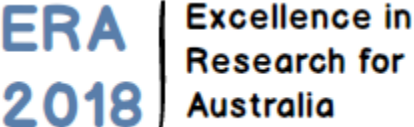
The ERA2018 reference period for ERA Research Outputs is 1 January 2011 - 31 December 2016.

An output is deemed to be 'published' if it is in the 'ePub ahead of print' or 'Published' publication states.

If an output has a not-yet-published publication state (e.g. Submitted, Accepted / In press) during the census period, but no 'ePub ahead of print' or 'Published' date input, the ERA Research Output will appear as 'Outputs not published' in the [ERA Research Outputs : Monitoring](#) screen.

Further detail is available in the [ERA2018 : Publication year and Year available](#)  guide.

ERA2018 Research Outputs - Summary screens



ERA Research Outputs summary screens



- [ERA Research Outputs : Monitoring screen](#)
- [ERA Research Outputs : Tabular view of editable list](#)
- [ERA Research Outputs : Peer Review : Monitoring screen](#)
- [ERA Research Outputs : Profile](#)

ERA2018 Research Outputs - Monitoring screen

Monitoring screen

The ERA Research Outputs Monitoring screen enables ERA users to view summary level ERA Output information at the 2-digit and 4-digit FoR levels. Information available includes:

Field of Research	Output count		Eligibility status			Reassignment Exception			Workflow				
	Apportioned	Whole	Eligible	Under review	Not eligible	Low Volume Threshold	>40% of FoR re-assigned	<60% re-assigned	= 30% nominated for Peer Review	Outputs not published	Entry in progress	Checked	Confirmed
08 Information and Computing Sciences	1	0	0	1	0	1 (1)	1 (100%)	0	0	0	1	0	0
0801 Artificial Intelligence and Image Processing	1	1	0	1	0	1 (1)	1 (100%)	0	0	0	1	0	0
11 Medical and Health Sciences	1	0	0	1	0	1	0	0	1	0	1	0	0
1112 Oncology and Carcinogenesis	1	1	0	1	0	1	0	0	1	0	1	0	0
12 Built Environment and Design	2.5	0	0	2.5	0	2.5 (2.5)	1.5 (60%)	0	0	0	2.5	0	0
1201 Architecture	1.5	2	0	1.5	0	1.5 (1.5)	1.5 (100%)	0	0	0	1.5	0	0
1203 Design Practice and Management	1	1	0	1	0	1 (1)	0	0	0	0	1	0	0
13 Education	1.5	0	0	1.5	0	2.5 (2.5)	1.5 (100%)	0.5	0	0	1.5	0	0

- **Apportioned and whole ERA Output counts**
- **ERA Eligibility status**
- **Low volume threshold calculation**
 - highlights any FoR not meeting the specified LVT for the FoR (books are weighted x5 in relevant disciplines)
 - **UPDATED for 5.10.2** to count only Indexed Journal Articles in 50IJ disciplines
- **Re-assignment exception : >40% of FoR re-assigned**
 - Highlights those FoRs where >40% of the FoR is re-assigned (as per ERA2015 business rule BR132)
 - The apportioned count displayed is the number of re-assigned ERA Outputs
- **Re-assignment exception : <66% re-assigned**
 - Highlights those ERA Outputs (Journal articles and Conference publications) where the FoR code assigned is less than 66% (as per ERA2015 business rules BR059, BR113, and BR129)
- **30% nominated for Peer Review**
 - Highlights those FoRs where there is an issue with the nomination of outputs for Peer Review (as per the [ERA 2018 Research Outputs - Peer Review - Monitoring screen](#)) (30% of submitted outputs have not been nominated for Peer Review for each ERA Output type)
 -  there are no issues with the nomination of outputs for Peer Review
 -  there are issues with the nomination of outputs for Peer Review
 - Note that these icons are not navigable - to investigate the issue, the user must go to the [ERA2018 Research Outputs - Peer Review - Monitoring screen](#) and filter for the relevant FoR
- **Outputs not published** (i.e. do not have an 'ePub ahead of print' or 'Published' date input)
- **ERA Workflow status**

Notes:

- Note that this screen does not apply any filters by default. So, for example, all content – regardless of eligibility status – is by default counted in the screen (which, note, will impact on the LVT values shown as content flagged as 'not eligible' will, by default, be included in the LVT calculations). But you can apply filters on the content to exclude any content you don't want counted. The only exception to this is the LVT column, where, in order to make the calculations accurate, for 50IJ disciplines, only Indexed Journal Articles are counted, and for 50WO disciplines, all outputs are counted and books weighted x5.

ERA2018 Research Outputs - Peer Review - Monitoring screen

Peer Review : Monitoring screen

The ERA Research Outputs Peer Review : Monitoring screen enables ERA users to assess whether the appropriate Peer Review sample has been selected for any given FoR. The screen shows, for each ERA Output type:

- Apportioned volume assigned to the FoR
- Peer Review sample required, given the apportioned volume (rounded up to the nearest integer)
- Peer Review sample selected (highlighted in **RED** if this doesn't match the sample required)
- Access to outputs:
 - ERA Outputs with ERA-eligible document(s) attached
 - ERA Outputs where there are issues with the attached document (s) (highlighted in **RED**)

Notes:

- To filter this down to the desired FoR, use the 'Peer-reviewable Field of Research'

Output type	Apportioned Volume	Sample selected		Access to outputs	
		Peer Review Sample required	Peer Review Sample selected	ERA-eligible doc(s) attached	Issue with attached documents
Journal Article	0.5	1	0	0	0
Book	7.5	3	0	0	0
Non-Traditional Outputs	2.0	1	0	0	0
Total	10.0	5	0	0	0

Action required – will not pass SEER validation

ERA2018 Research Outputs - Profile

Profile

The ERA Research Outputs Profile screen replicates elements of the following ERA2015 Indicators:

- Research outputs (Tables 6 and 7)
- Research output by year (Table 10)

Notes:

- By default, the table is filtered to include only those ERA Outputs flagged as Eligible, and have FoR(s) specified. These filters can be edited / removed at the top of the screen.
- The table has been updated in 5.9.2 to include Portfolios as a separate line under 'Non-Traditional Outputs', and to ensure the appropriate counting of Portfolios (and subsequent non-counting of individual items included in a Portfolio) in the Non-Traditional Outputs sub-total.

Output type	Apporportioned count						Total	%	Whole count						Total	%	Peer review	%
	2011	2012	2013	2014	2015	2016			2011	2012	2013	2014	2015	2016				
Traditional Outputs	9.00	19.00	14.00	3.00	6.00	0.00	51.00		9	19	14	3	6	0	51		2	100%
Book	5.00	4.00	3.00	0.00	3.00	0.00	15.00	25%	5	4	3	0	3	0	15	25%	1	50%
Book Chapter	1.00	1.00	3.00	1.00	0.00	0.00	6.00	10%	1	1	3	1	0	0	6	10%	0	0
Journal Article	2.00	12.00	5.00	2.00	3.00	0.00	24.00	41%	2	12	5	2	3	0	24	41%	1	50%
Conference Publication	1.00	2.00	3.00	0.00	0.00	0.00	6.00	10%	1	2	3	0	0	0	6	10%	0	0
Non-Traditional Outputs	3.00	4.00	1.00	0.00	0.00	0.00	8.00		3	4	1	0	0	0	8		0	0
Original Creative Work	2.00	1.00	1.00	0.00	0.00	0.00	4.00	7%	2	1	1	0	0	0	4	7%	0	0
Live Performance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%	0	0	0	0	0	0	0	0%	0	0
Curated Exhibition or Event	1.00	3.00	0.00	0.00	0.00	0.00	4.00	7%	1	3	0	0	0	0	4	7%	0	0
Research Report for an External Body	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0%	0	0	0	0	0	0	0	0%	0	0
Total	12.00	23.00	15.00	3.00	6.00	0.00	59.00	100%	12	23	15	3	6	0	59	100%	2	100%
	20%	39%	25%	5%	10%	0%	100%		20%	39%	25%	5%	10%	0%	100%		2	

ERA2018 Research Outputs - Tabular view of editable list

Tabular view of editable list

The ERA Research Outputs editable list can be viewed in tabular form, enabling easier visibility of ERA-relevant content.

Columns available are:

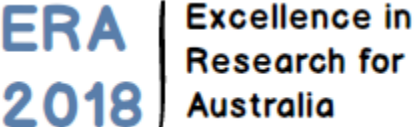
- Output title
- ERA Output type
- Current publication status (by default, not visible)
- Eligibility status
- Year
- Year available
- FoR assignment(s)
- Citation count
- Nominated for Peer Review
- Peer Review FoR(s)
- Research statement
- Whether assigned to a Portfolio
- Status of access to the output (for those outputs nominated for Peer Review)
- ERA Repository link (for those outputs nominated for Peer Review)
- **Warnings**
- Workflow status
- **New for 5.9.2** (by default, these columns are not selected - you can select them for display by going to the top right-hand corner of the screen and, next to 'Views', selecting the gear icon)
 - FoR Assignment(s)
 - Associated Output FoR Assignment(s)
 - Reason

ERA2018 Research Output title	ERA Output type	Eligibility	Year	Full Assignments	Associated Output FoR Assignment(s)	Reason	Journal ERA Full Assignments	Nominated for Peer Review	Peer Review FoR(s)	Research statement	Portfolio	Access to output	ERA Repository link	Warnings	Workflow
Article TEST 1	Journal Article	Under review	2013	1302	1302	Présent sodales et nunc quis...	1302	Yes	1005						ERA Entry in Progress
Article TEST 2	Journal Article	Under review	2014	0905	0905		0905		0906						ERA Entry in Progress
Article TEST 3	Journal Article	Eligible	2013	1301	1302	0803			1112						ERA Confirmed
Article TEST 4	Journal Article	Under review	2015	1505	1505		nil								ERA Entry in Progress
Article TEST 5	Journal Article	Under review	2014	1112	1112				1103						ERA Entry in Progress

To access the tabular view, go to the top right-hand corner of the screen and, next to 'Views', select the icon for tabular. To edit the columns that are visible, select the gear icon. Columns can be moved about simply by dragging and dropping the header.

ERA2018 Research Output title	ERA Output type	Current Publication Status	Eligibility	Year	Year available	Citation Count	Nominated for Peer Review	Full Assignments	Peer Review FoR(s)	Research statement	Portfolio
A nascent educational framework for fire safety engineering	Journal Article	Published	Under review	2013				0904	0905		
Article TEST 10	Journal Article	Published	Under review	2011				0905			
Article TEST 4 - not ERA journal	Journal Article	Published	Under review	2012				1202			
Article TEST 51	Journal Article	Published	Under review	2011				1901	1905		
Article TEST 7	Journal Article	Published	Under review	2012							
Article TEST 9 - non-ERA Journal then merge	Journal Article	Published	Eligible	2013	2014		Yes	0101	0101		
Book Chapter Test 1	Book Chapter	Published	Under review	2013				0905			

ERA2018 Research Outputs - Warnings



ERA2018 Research Output warnings

The following warnings are generated for ERA Research Outputs. These are visible in the ERA Research Output editor, and the [Tabular view of the ERA Research Outputs editable list](#).

Warning	Notes	Implications	
<66% re-assigned	<ul style="list-style-type: none"> As per the submission requirements, if the FoR code assigned to the Journal article does not correspond to the FoR code(s) specified in the Submission Journal List, it must have an apportioned value equal to or greater than 66% 	Will result in a validation error	
Output not published	<ul style="list-style-type: none"> Output has a not-yet-published publication state (e.g. Submitted, Accepted / In press) during the census period, but no 'ePub ahead of print' or 'Published' date 	Output is not eligible for submission	
Unlikely to be eligible	<ul style="list-style-type: none"> As per the submission guidance, the following output types are unlikely to be eligible and are therefore flagged up as such: <ul style="list-style-type: none"> the type is BOOK_ANTHOLOGY_BOOK or BOOK_ANTHOLOGY_SCHOLARLY and there are no non-editor author associations. type is BOOK_ANTHOLOGY_ANTHOLOGY type is CONTRIBUTION_TO_BOOK_ENTRY type is CONTRIBUTION_TO_BOOK_FOREWORD type is CONTRIBUTION_TO_JOURNAL_LETTER type is CONTRIBUTION_TO_JOURNAL_EDITORIAL type is CONTRIBUTION_TO_JOURNAL_BOOK type is CONTRIBUTION_TO_JOURNAL_COMMENT type is CONTRIBUTION_TO_JOURNAL_SCIENTIFIC type is CONTRIBUTION_TO_PERIODICAL_LETTER type is CONTRIBUTION_TO_PERIODICAL_EDITORIAL type is CONTRIBUTION_TO_PERIODICAL_BOOK 	Output is likely not eligible for submission	
Different assignment and /or % apportionment (s)	<ul style="list-style-type: none"> Discipline assignment and/or % apportionment(s) on the ERA2018 Research Output are not the same as those on the associated Research Output 	For information	Currently the warning only appears in the ERA Research Output editor - are hoping to fix this for 5.10.2
Not official event	<ul style="list-style-type: none"> Output not associated with an official ERA2018 Conference, therefore will be returned as '0000' Other 	For information	
Not official publisher	<ul style="list-style-type: none"> Output not associated with an official ERA2018 Publisher, therefore will be returned as '0000' Other 	For information	
Not official journal	<ul style="list-style-type: none"> Output not associated with an official ERA2018 Journal, and therefore not eligible to be returned as a Journal Article 	Output is not eligible for submission as a Journal Article	
Has no ERA2018 Researchers as author	<ul style="list-style-type: none"> Output not associated with an eligible ERA2018 Researcher (either no associated ERA Researcher record, or ERA Researcher has been flagged as Not eligible) 	Output not eligible for submission	
Not published within 1 Jan 2011 - 31 Dec 2016	<ul style="list-style-type: none"> Output published outwith reference period 	Output not eligible for submission	Updates in progress (see email 17 Nov 2017)
Type not supported	<ul style="list-style-type: none"> Output type no longer supported (as per the ERA Outputs mapping employed) 	For information	

RA2018 Research Outputs - Citations

RELEASED : 5.10.2

ERA2018 citations

The guidance below describes how citation data populates ERA Research Output records, following the import of [ERA2018 EID tagging](#) information.

WoS citations

If you have WoS enabled as an import source (this must be the full WoS license, not WoS lite), you can run the "ERA2018 Research Output WoS Citations Import Cron Job" to populate ERA Journal Articles with total WoS citation counts. Prior to running this job, you must first undertake [ERA2018 EID tagging](#). Following this, you can run the "ERA2018 Research Output WoS Citations Import Cron Job".

The screenshot shows the 'Pure Australia University' interface. The 'Scheduled Cron Jobs' section is active, displaying two jobs: 'Search For Import Candidates' and 'Preserved Content Update'. A dropdown menu is open, showing a list of available cron jobs, with 'ERA2018 Research Output WoS Citations Import Cron Job' highlighted in blue. The interface includes a navigation menu on the left, a search bar, and user information at the top.

ERA2018 Research Output WoS Citations Import Cron Job

Unsaved

Import citations from WoS for ERA2018 Research Outputs with UT defined.

Runs job Era2018WoSCitationUpdateJob as user root

Schedule

Scheduled for 29. Nov 2017 01:00. Next run after that is 30. Nov 2017 01:00.

[Change schedule](#)

Configuration

Configure which user to run the job as, and any additional settings that apply to this job.

[Edit configuration](#)

[Save](#) [Cancel](#)

Running this job will populate WoS Indexed ERA Journal Articles with WoS total citation counts where a match is found in the WoS database (note that other IDs such as MEDLINE or BCI will not generate citation counts). **NOTE** that this job will likely take a number of hours to run, and not all WoS IDs will come back with a match (as this depends on which WoS editions you subscribe to).

Journal article indexing

Indexing status

Indexed

Override indexing status

Status as per citation supplier ▼

Tagging status

Successfully Tagged

EID

WOS:000360563500021

Document type

 **ARTICLE**

Citations ⓘ

Total WoS citations

7

Journal article indexing

Indexing status

Not indexed

Override indexing status

Override to 'Not indexed' ▼

Tagging status

Successfully Tagged

EID

WOS:000405868100007

Document type

 **ARTICLE**

Citations ⓘ

Total WoS citations

0

Journal article indexing

This output is not currently assigned to a citation discipline, this section is presented here for information only.

Indexing status

Indexed

Override indexing status

Status as per citation supplier ▼

Tagging status

Successfully Tagged

EID

WOS:000352625300001

Document type

 **ARTICLE**

Citations ⓘ

This output is not currently assigned to a citation discipline, this section is presented here for information only.

Total WoS citations

11

If you have both WoS and Scopus enabled as an import source, only WoS citations will be displayed on the ERA Research Output record.

Scopus citations

If you have only Scopus enabled as an import source, total Scopus citations will be displayed on the ERA Research Output for ERA Outputs with an associated Research Output with a Scopus Publication ID. Scopus citations are displayed only for ERA Journal articles.

Clinical Effects and Antivenom Dosing in Brown Snake (*Pseudonaja* spp.) Envenomi ERA2018 Research Output: Journal Article

Journal article indexing

Indexing status

Not indexed

Override indexing status

Status as per citation supplier ▼

Tagging status

No value

EID

No value

Citations ⓘ

Total Scopus citations

33

For information only. Not used for the assessment.

Scopus ID

84871671439

A phase 3 trial of RTS,S/AS01 malaria vaccine in African infants ERA2018 Research Output: Journal Article

Journal article indexing

Indexing status

Indexed

Override indexing status

Status as per citation supplier ▼

Tagging status

Successfully Tagged

EID

WOS-000383323800005

Document type

 **ARTICLE**

Citations ⓘ

Total Scopus citations

340

For information only. Not used for the assessment.

Scopus ID

84871037616

Association between early bacterial carriage and otitis media in Aboriginal and non ERA2018 Research Output: Journal Article

Journal article indexing

This output is not currently assigned to a citation discipline; this section is presented here for information only.

Indexing status

Indexed

Override indexing status

Status as per citation supplier ▼

Tagging status

Successfully Tagged

EID

WOS-000360563500021

Document type

 **ARTICLE**

Citations ⓘ

This output is not currently assigned to a citation discipline; this section is presented here for information only.

Total Scopus citations

8

For information only. Not used for the assessment.

Scopus ID

84871396493

ERA Research Outputs tabular view

The ERA Research Outputs tabular view has been updated to show columns for both WoS and Scopus citation counts. Depending on which you wish to view, you can configure the columns.

The screenshot displays the ERA Research Outputs tabular view in the Pure Australia University system. The interface includes a search bar, navigation tabs, and a table of research outputs. A 'Columns to display' dialog box is open, showing options for various columns including citation counts for WoS and Scopus.

ERA2018 Research Output (by created date)	ERA Output type	Document type	Eligibility	Year	Indexed Journal Article	Year available	Citation Count (WoS)	Citation Count (Scopus)	Nominated for Peer Review	For Assignment(s)	Associated Output For Assignment(s)	Peer Review For(s)	Research statement
Article TEST 102	Journal Article	ARTICLE	Under review	2016	Yes		5			1203			
Article TEST 101	Journal Article	ARTICLE	Under review	2016	Yes		2						
Article TEST 100	Journal Article	ARTICLE	Under review	2016	Yes		1		Yes	1202			
A phase 3 trial of RTS,S/AS01 malaria vaccine in African infants	Journal Article	ARTICLE	Under review	2012	Yes		0	340		1103	1103		
Association between early bacterial carriage and otitis media in Aboriginal and non-Aboriginal children in a semi-arid area of Western Australia: a cohort study	Journal Article	ARTICLE	Under review	2012	Yes		7	8		1103	1103		
PneuMum: PneuMum: Impact from a randomised controlled trial of maternal 23-valent	Journal Article	ARTICLE	Under review	2015	Yes		1	3		0605 1103 1108	0605 1103 1108		

Reporting ERA citation data

In both 'classic' and new reporting, the following fields are available for reporting:

- WoS citation count
- Scopus citation count

The screenshot displays the Pure Report interface for Australia University. The main area shows a data table for ERA2018 Research Output. The table has three columns: A (Title), B (Scopus citations), and C (WoS citations). The data is as follows:

	A	B	C
	Title	Scopus citations	WoS citations
1	Absence of an important vaccine and diagnostic tar	15	0
2	A child chronic cough-specific quality of life measu	1	0
3	A multicenter study on chronic cough in children b	56	7
4	A multi-centre open-label randomised noninferior	1	
5	Anatomy and Neurophysiology of Cough	41	0
6	An objective study of acid reflux and cough in child	16	2
7	Antibiotics for bronchiectasis exacerbations in child	7	
8	Antimicrobial treatment of non-cystic fibrosis bron	9	1
9	A phase 3 trial of RTS,S(SAS01 malaria vaccine in Afri	340	0
10	Article TEST 100		1
11	Article TEST 101		2

On the right, the 'Column C' configuration panel is open, showing options for 'Scopus citations' and 'WoS citations'. The 'WoS citations' option is selected and labeled 'Used in column C'. Other options include 'Type', 'Additional ERA Research output met', 'Eligibility', 'Discipline assignment', 'Nominated peer review disciplines', 'Journal article indexing', 'Access to output', 'Warnings', 'Sensitivity', 'Portfolio', 'Workflow', and 'History and comments'.

ERA2018 Research Income



RELEASED : 5.9.0
UPDATED : 5.11.0

ERA Research Income content is created and modified in the ERA module through a bulk import function. Guidance is available below.

HEDEC Category	Research Income Type	2014	2015	2016	Total
1	Australian Competitive Grant	\$5,500	\$1,500	\$20,000	\$27,000
2	Other Public Sector Income	\$1,000	\$2,000	\$3,000	\$6,000
3	Industry And Other Research Income	\$1,000	\$2,000	\$3,000	\$6,000
3i	Australian Industry And Other Research				
3ii	International Competitive Peer Review				
3iii	International Other Income	\$1,000	\$2,000	\$3,000	\$6,000
4	CRC Research Income				
	Total	\$7,500	\$5,500	\$26,000	\$39,000

Bulk import

Item	Date posted / updated	File template(s)
ERA Research Income : Bulk creation / modification of content by file import 	30 Jan 2018	 ERA Research Income import file <ul style="list-style-type: none"> • ERA Research Income import file 

Guidance notes

1	<p>To use the import file:</p> <ul style="list-style-type: none"> • keep the column headers as they are input - DO NOT EDIT • remove the exemplar data in rows 2 - 17 • ensure that when inputting FoR codes, that, where applicable, the lead zero is displayed (format cell as Text) • FoR %s should be input as percentages or decimals, e.g. 50% or 0.50 - but must be consistent throughout the whole table
2	<p>The import function will include simple validation. The file will not be successfully imported if:</p> <ul style="list-style-type: none"> • any of the values input for Type don't match the accepted values for the field (see below) (can lead to a FoR apportionment 100% validation error) • invalid year (only 2014, 2015, and 2016 are valid years) • any of the FoR codes input don't match the ERA list • Australian competitive grant <ul style="list-style-type: none"> ◦ the total FoR % apportionment for each year within one grant is not between 95% and 105% ◦ the ACGR code provided is not valid ◦ a single Grant ID has more than one row per year ◦ total income for each year of each grant is not greater than zero ◦ Grant ID is not provided ◦ ACGR code is not provided ◦ % of grant within reference period is not provided ◦ % of grant within reference period values are not consistent for each row of the grant (as % of grant within reference period applies to the grant as a whole, if different values are provided over multiple rows, Pure doesn't know which is correct and therefore won't import the affected grant) • All others <ul style="list-style-type: none"> ◦ The total FoR % apportionment for each year is not between 95% and 105% ◦ The total income for each year is not greater than zero
3	<p>If subsequent imports are done, existing ERA Research Income content is deleted and replaced with the content from the new import file.</p>

Type

The following naming conventions for Type must be used in the import file (see the template above for examples)

Type	HERDC Category	Research Income type
australianCompetitiveGrant	1	Australian Competitive Grant
otherPublicSectorIncome	2	Other Public Sector Income
australianIndustryAndOtherResearch	3(i)	Australian Industry and Other Research
internationalCompetitivePeerReview	3(ii)	International Competitive Peer Review
internationalOtherIncome	3(iii)	International Other Income
crcResearchIncome	4	CRC Research Income

ERA2018 Applied Measures

RELEASED : 5.10.3

ERA Applied Measures content is created and modified in the ERA module through a bulk import function. Guidance is available below.

Applied Measure	2018	2017	2016	Total
Research Commercialisation Income	\$250	\$750	\$10,000	\$11,000
Patent Family	1.0	1.0	1.0	2.0
Registered Design	1.0	1.0	1.0	2.0
Plant Breeder's Rights Family	4.0	1.0	1.0	6.0
NIMMRC Endorsed Guidelines	1.0	1.0	1.0	2.0

Bulk import

Item	Date posted / updated	File template(s)
<p>ERA Applied Measures : Bulk creation / modification of content by file import</p>	<p>10 Dec 2017</p>	<div style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;"> <p>ERA Applied Measures import file</p> <ul style="list-style-type: none"> ERA Applied Measures import file - BLANK </div> <div style="border: 1px solid #ccc; padding: 10px;"> <p>ERA Applied Measures EXAMPLE import file</p> <ul style="list-style-type: none"> ERA Applied Measures import file - EXAMPLE </div>


Guidance notes

Guide to the spreadsheet

Worksheet	Description
Content	On this sheet, you capture details of the following Applied Measures:


- Plant Breeder's Rights family
- Patent family
- Registered design
- NHMRC endorsed guidelines

Column	Notes (all are required fields, unless otherwise stated)												
Type	<p>Capture the Applied Measure type:</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>PBR</td> <td>Plant Breeder's Rights</td> </tr> <tr> <td>Patent</td> <td>Patent</td> </tr> <tr> <td>RegisteredDesign</td> <td>Registered Design</td> </tr> <tr> <td>NHMRC</td> <td>NHMRC endorsed guidelines</td> </tr> <tr> <td>RCIncome</td> <td>Research Commercialisation income</td> </tr> </tbody> </table> <p>(while no details of RCIncome are captured in this worksheet, the type must be listed here)</p>	Code	Description	PBR	Plant Breeder's Rights	Patent	Patent	RegisteredDesign	Registered Design	NHMRC	NHMRC endorsed guidelines	RCIncome	Research Commercialisation income
Code	Description												
PBR	Plant Breeder's Rights												
Patent	Patent												
RegisteredDesign	Registered Design												
NHMRC	NHMRC endorsed guidelines												
RCIncome	Research Commercialisation income												
FamilyName	<p>Only to be populated for:</p> <ul style="list-style-type: none"> • PBR • Patents <p>Provides the PBR / Patent family name.</p> <p>Can be no more than 100 characters.</p>												
Name	<p>Only to be populated for:</p> <ul style="list-style-type: none"> • RegisteredDesign • NHMRC <p>Provides the RegisteredDesign / NHMRC item name.</p> <p>Can be no more than 100 characters.</p>												
Registered Design ID	<p>Official identifier for the registered design. Only to be populated for:</p> <ul style="list-style-type: none"> • RegisteredDesign <p>Can be no more than 10 characters.</p>												
RD-Organisation	<p>Organisation with which the registered design is registered. Only to be populated for:</p> <ul style="list-style-type: none"> • RegisteredDesign <p>Can be no more than 100 characters.</p>												
Year	<p>Four-digit calendar year in which the Registered Design was certified / NHMRC endorsed guidelines were published. Only to be populated for:</p> <ul style="list-style-type: none"> • RegisteredDesign • NHMRC <p>Allowed values are 2014, 2015, 2016</p>												
Owner	<p>Only to be populated for:</p> <ul style="list-style-type: none"> • PBR • Patent • RegisteredDesign <p>Allowed values are 1, 2</p>												

FoR1 / FoR2 / FoR3	<p>Only to be populated for:</p> <ul style="list-style-type: none"> • PBR • Patent • RegisteredDesign • NHMRC <p>Applied Measures can only be affiliated with FoRs as defined in the Discipline Matrix </p>
FoR1% / FoR2% / FoR3%	<p>Only to be populated for:</p> <ul style="list-style-type: none"> • PBR • Patent • RegisteredDesign • NHMRC <p>% apportionments must sum up to 100%</p>

PBRs

On this sheet, you capture details of the individual Plant Breeder's Rights.

Column	Description
FamilyName	The PBR Family into which the individual PBR is to be grouped (the Family must be listed in the 'Content' worksheet)
Name	Name of the individual PBR
PBR / Patent number	Registered application number of the individual PBR. Can be no more than 30 characters.
PBR-Country	Country where the individual PBR was granted, as per the ERA2018 Country list  Not currently validating this value, but must be 4 characters.
Year	Four-digit calendar year in which the individual PBR was granted. Allowed values are 2014, 2015, 2016.

Patents

On this sheet, you capture details of the individual Patents.


Column	Description
FamilyName	The Patent Family into which the individual Patent is to be grouped (the Family must be listed in the 'Content' worksheet)
Name	Title of the individual Patent
PBR / Patent Number	Registered number of the individual Patent. Can be no more than 30 characters.
Patent-Country	Country code (or Patent registry) where the individual Patent is recognised. Allowed values are 1, 2, 3, 4, 5, 6.
Year	Four-digit calendar year in which the individual Patent became enforceable. Allowed values are 2014, 2015, 2016.

Researchers	<p>On this sheet, you capture details of the ERA Researchers (i.e. Staff Creators) associated with the Applied Measures listed in the 'Content' sheet. The identification of ERA Researchers applies to:</p> <ul style="list-style-type: none"> • PBR Family • Patent Family • Registered Design • NHMRC endorsed guidelines <p>ERA Researcher details are required for all PBR and Patent families, and all Registered Designs where the Owner specified in the 'Content' sheet is 1 (Individual), and all NHMRC endorsed guidelines.</p> <table border="1"> <thead> <tr> <th>Column</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Type</td> <td> <p>Applied Measure type:</p> <ul style="list-style-type: none"> • PBR • Patent • RegisteredDesign • NHMRC </td> </tr> <tr> <td>FamilyName</td> <td>PBR / Patent Family name (the Family must be listed in the 'Content' worksheet)</td> </tr> <tr> <td>Registered Design ID</td> <td> <p>Official identifier for the registered design (the ID must be listed in the 'Content' worksheet). Only to be populated for:</p> <ul style="list-style-type: none"> • RegisteredDesign </td> </tr> <tr> <td>NHMRCName</td> <td> <p>Name of the set of NHMRC endorsed guidelines (the name must be listed in the 'Content' worksheet). Only to be populated for:</p> <ul style="list-style-type: none"> • NHMRC </td> </tr> <tr> <td>Researcher Pure ID</td> <td>The Pure ID of the Person (note, not the ERA Researcher Pure ID)</td> </tr> <tr> <td>Researcher Last Name</td> <td>Not required</td> </tr> <tr> <td>Researcher First Name</td> <td>Not required</td> </tr> </tbody> </table>	Column	Description	Type	<p>Applied Measure type:</p> <ul style="list-style-type: none"> • PBR • Patent • RegisteredDesign • NHMRC 	FamilyName	PBR / Patent Family name (the Family must be listed in the 'Content' worksheet)	Registered Design ID	<p>Official identifier for the registered design (the ID must be listed in the 'Content' worksheet). Only to be populated for:</p> <ul style="list-style-type: none"> • RegisteredDesign 	NHMRCName	<p>Name of the set of NHMRC endorsed guidelines (the name must be listed in the 'Content' worksheet). Only to be populated for:</p> <ul style="list-style-type: none"> • NHMRC 	Researcher Pure ID	The Pure ID of the Person (note, not the ERA Researcher Pure ID)	Researcher Last Name	Not required	Researcher First Name	Not required
Column	Description																
Type	<p>Applied Measure type:</p> <ul style="list-style-type: none"> • PBR • Patent • RegisteredDesign • NHMRC 																
FamilyName	PBR / Patent Family name (the Family must be listed in the 'Content' worksheet)																
Registered Design ID	<p>Official identifier for the registered design (the ID must be listed in the 'Content' worksheet). Only to be populated for:</p> <ul style="list-style-type: none"> • RegisteredDesign 																
NHMRCName	<p>Name of the set of NHMRC endorsed guidelines (the name must be listed in the 'Content' worksheet). Only to be populated for:</p> <ul style="list-style-type: none"> • NHMRC 																
Researcher Pure ID	The Pure ID of the Person (note, not the ERA Researcher Pure ID)																
Researcher Last Name	Not required																
Researcher First Name	Not required																
RCIncomeYears	On this sheet, you capture the total amount of Research Commercialisation income, one row per year (2014, 2015, 2016). Values must be greater than zero.																
RCIncomeYearFors	On this sheet, you capture, for each year, the FoR assignments and relevant % apportionments. The total % apportionment in any one year must be between 95% and 100% (inclusive).																

1	<p>To use the import file:</p> <ul style="list-style-type: none"> • keep the column headers as they are input - DO NOT EDIT • ensure that when inputting FoR codes, that, where applicable, the lead zero is displayed (format cell as Text) • FoR %s should be input as percentages or decimals, e.g. 50% or 0.50 - but must be consistent throughout the whole table • it is recommended that you resolve all job errors before checking the integrity of the data in Pure (as some errors (notably errors relating to Research Commercialisation income) will result in no further content in the job being uploaded)
2	<p>If subsequent imports are done:</p> <ul style="list-style-type: none"> • Updates to existing Applied Measures will be actioned, as described in the job log • New Applied Measures will be added • Any existing Applied Measures that do not appear in the new import file will be deleted

Bulk delete

To delete all Applied Measures, simply follow these steps:

- Upload this **blank file**  to the job
- Edit the Synchronisation configurations of the job to change the "Synchronisation safe size" from 1 to 0

ERA2018 Applied Measure Import Job

Import Applied Measures from the provided excel document

Last run logged 19 success and 3 warnings starting at 20. Dec 2017 23:40, running for 0:00:00 hours.

Runs job Era2018AppliedMeasureSynchronization as user sync_user

Schedule

Scheduled for 01. Jan 2099 01:00. Next run after that is 02. Jan 2099 01:00.

[Change schedule](#)

Configuration

Configure which user to run the job as, and any additional settings that apply to this job.

General configuration

Name *

ERA2018 Applied Measure import job

Job configuration

Default configurations

Synchronisation configurations

Synchronisation safe size *

The synchronisation source must have at least this many records to be valid. If less the synchronisation job will not run. The safe size will only be enforced if Pure contains an amount of synchronised content above the safe size configured.

0

Development, Debug mode

Only use this on a test system. Running in development/debug mode causes the logging to be very verbose.

Off

Number of job logs to keep

If greater than zero old job logs will be deleted.

0

- Run the job as normal

ERA2018 Submission XML and Validation

RELEASED : 5.11.0

ERA2018 Submission XML

Pure's ERA Submission XML functionality enables you to generate the ERA submission XML file for import into SEER, and enables validation of the file against the XML schema. The Submission XML functionality is available in the ERA2018 Fields of Research tab:

The screenshot shows the Pure Australia University interface. The top navigation bar includes 'test', 'Pure Australia University', a search bar, and a user profile 'root'. Below the navigation bar, there are tabs for 'Editor', 'Master data', 'ERA2018', 'Dashboard', 'FAAR', 'Award management', 'Funding Discovery', and 'Admin'. The left sidebar contains a list of menu items: 'Overview', 'ERA2018 Field of Research', 'Indicator Summary', 'Submission XML', 'Editable' (with a count of 179), 'ERA2018 Researchers', 'ERA2018 Research Outputs', 'ERA2018 Portfolios', 'ERA2018 Research Income', 'ERA2018 Applied Measures', and 'Report definitions'. The main content area shows the 'Submission XML' page with three buttons: 'Generate submission XML', 'Validate submission XML', and 'Save submission validation'. Below the buttons, the text reads: 'Submission XML. This screen enables you to generate the ERA submission XML file for import into SEER, and enables validation of the file against the XML schema. When generating the submission XML file, ERA Researchers, ERA Research Outputs, and ERA Portfolios flagged as 'Not Eligible' are not included in the submission XML file. ERA workflow state is not considered when generating the submission XML. To validate the submission XML, first you must generate the submission XML file, then validate it. Further information is available in the [ERA2018 wiki](#). XML generated at 30.01.2018 14.08. [Download XML file](#). [Show saved validations](#)'

Notes:

- When generating the submission XML file, ERA Researchers, ERA Research Outputs, and ERA Portfolios flagged as 'Not Eligible' are not included in the submission XML file
- ERA workflow state is not considered when generating the submission XML
- Only Administrators and ERA Administrators have access to this functionality

From this screen you can:

- Generate a submission XML file
- Validate the submission XML file
- Save the submission XML file and the associated validation in Pure

Generate submission XML

To generate a submission XML file, click on the 'Generate submission XML' button at the top of the screen. This should only take a few minutes to generate, but the time required will depend on the submission size.

Once the file is available for download, a link will be available:

Generate submission XML

Validate submission XML

Save submission validation

Submission XML

This screen enables you to generate the ERA submission XML file for import into SEER, and enables validation of the file against the XML schema. When generating the submission XML file, ERA Researchers, ERA Research Outputs, and ERA Portfolios flagged as 'Not Eligible' are not included in the submission XML file; ERA workflow state is not considered when generating the submission XML. To validate the submission XML, first you must generate the submission XML file, then validate it. Further information is available in the [ERA2018 wiki](#).

XML generated at 30.01.2018 14:08. [Download XML file.](#)

[Show saved validations](#)

That XML file will remain available to download via this link until you generate a new submission XML file (but see the save options below) or until you log out.

Generation of the submission XML file is completely dynamic. If you edit a record in Pure, and re-generate the submission XML, the file will be updated with the edits you made.

Validate submission XML

Pure's validation functionality performs validation of the file against the ERA2018 XML schema, which doesn't necessarily include validation against the ERA2018 Business rules and verification (details on how Pure supports this is available [here](#)). Therefore, you should expect that even if you clear all validation errors in Pure prior to submission to SEER, you will likely encounter additional validation errors in SEER itself.

In order to validate the submission XML, you must first generate the submission XML file as per the instructions above. Once the submission XML file has been generated, the 'Validate submission XML' button will be available for selection. Again, this should only take a few minutes to generate, but the time required will depend on the submission size.

[Generate submission XML](#) [Validate submission XML](#) [Save submission validation](#)

Submission XML

This screen enables you to generate the ERA submission XML file for import into SEER, and enables validation of the file against the XML schema. When generating the submission XML file, ERA Researchers, ERA Research Outputs, and ERA Portfolios as 'Not Eligible' are not included in the submission XML file; ERA workflow state is not considered when generating the submission XML. To validate the submission XML, first you must generate the submission XML file, then validate it. Further information is available in the [ERA2018 wiki](#).

XML generated at 30.01.2018 14:08. [Download XML file](#).

[Show saved validations](#)

[Export to](#)

[Validation errors](#) [Truncated values](#)

Validation errors

XML validated at 30.01.2018 14:26.

Content	Validation error message(s)	For(s)	Line #	XML line
Researcher record	The content of element 'researcher' is not complete. One of '{http://seer.arc.gov.au/2018/seer/1:disciplineAssignment}' is expected.		303	<researcher staffReference="18437632" employmentLevel="201" employmentStatus="2" researcherFunction="B" gender="X"/>
Researcher record	The content of element 'researcher' is not complete. One of '{http://seer.arc.gov.au/2018/seer/1:disciplineAssignment}' is expected.		305	<researcher staffReference="18437634" employmentLevel="013" employmentStatus="1" researcherFunction="A" gender="X" totalFte="1"/>
Researcher record	The content of element 'researcher' is not complete. One of '{http://seer.arc.gov.au/2018/seer/1:disciplineAssignment}' is expected.		373	<researcher staffReference="18437681" employmentLevel="066" employmentStatus="1" researcherFunction="B" gender="X" totalFte="1"/>
Researcher record	The content of element 'researcher' is not complete. One of '{http://seer.arc.gov.au/2018/seer/1:disciplineAssignment}' is expected.		674	<researcher staffReference="18437886" employmentLevel="201" employmentStatus="3" researcherFunction="A" gender="X"/>

The validation screen provides the following information:

- Where possible, a link to the relevant **content** in Pure (e.g. the ERA Researcher record, the ERA Research Output record)
- The validation error message(s)
- Where possible, the assigned **For(s)** for the affected content
- The **XML line number** of the affected content
- The **XML line** of the affected content

Some of the validation messaging isn't terribly 'human-readable'. In order to help you to interpret some of the messaging, we've created a separate [ERA2018 Submission XML validation notes](#) log.

You can download the validation log to excel using the 'Export to excel' button in the top right-hand corner.

That validation and truncate log (see below) will remain available until you generate a new submission XML file (but see the save options below) or until you log out.

Save submission validation

Once you have generated and validated the submission XML, you can opt to save the files in Pure for future access by selecting the 'Save submission validation' button at the top of the screen.

The most recent 10 submission XML files and validation that you have saved will remain available to you in Pure by selecting the 'Show saved validations' link. Once you already have 10 saved validations and create a new one, the oldest submission XML file and validation will be deleted.

[Generate submission XML](#) [Validate submission XML](#) [Save submission validation](#)

Submission XML

This screen enables you to generate the ERA submission XML file for import into SEER, and enables validation of the file against the XML schema. When generating the submission XML file, ERA Researchers, ERA Research Outputs, and ERA Portfolios flagged as 'Not Eligible' are not included in the submission XML file; ERA workflow state is not considered when generating the submission XML. To validate the submission XML, first you must generate the submission XML file, then validate it. Further information is available in the [ERA2018 wiki](#).

[Hide saved validations](#)

Saved validations

XML generated at	Lines	Download XML	XML validated at	Errors	Excel report	
30.01.2018 13:30	119466	Download	30.01.2018 13:31	1292	Download	Delete
30.01.2018 12:48	119462	Download	30.01.2018 12:50	1295	Download	Delete
23.01.2018 14:49	117006	Download	23.01.2018 14:50	1076	Download	Delete
23.01.2018 14:38	117010	Download	23.01.2018 14:38	1073	Download	Delete
23.01.2018 14:33	117006	Download	23.01.2018 14:33	1076	Download	Delete
18.01.2018 15:18	117005	Download	18.01.2018 15:48	1081	Download	Delete
18.01.2018 14:52	117005	Download	18.01.2018 15:00	1081	Download	Delete
18.01.2018 13:05	116996	Download	18.01.2018 13:06	1083	Download	Delete
12.01.2018 13:07	115384	Download	12.01.2018 13:08	1316	Download	Delete

The Saved validations table provides the following information:

- Date and time when the XML file was **generated**
- The number of **lines** in the XML file
- The facility to **download** the submission XML file
- Date and time when the XML file was **validated**
- The number of validation **errors** encountered in the XML file
- The facility to **download** the validation log to excel
- The facility to **delete** a particular submission XML file and associated validation log

Truncate submission XML values

We have introduced a configuration that, when enabled, truncates values that are too long for a particular field (e.g. 35 characters where the maximum value is 20).

Configuration

Module state

Disable ERA2018

ERA type mapping files

Research output type mapping file.



ERA2018_outputmapping_rules_2018.01.14.xml
6 KB, application/xml

Replace

Automatic creation of ERA2018 Research Output

When enabled, ERA2018 Research Outputs will be automatically created upon saving Research Outputs that meets certain criterias.

Enabled Disabled

Workflow step

Validated

Workflow step that triggers automatic creation of ERA2018 Research Outputs

Derive 'Year available'

When enabled, 'Year available' on the ERA Research Outputs will be sync'ed from the 'ePub ahead of print' year from the associated Research Outputs.

Enabled Disabled

Truncate submission XML values

When enabled, values in the submission XML that are too long will be truncated.

Enabled Disabled

Save

Refresh

Truncate submission XML values : DISABLED

When not enabled, any value that is too long for a particular field will simply generate a validation error and will require you to edit the content, either in the ERA record (e.g. ERA Researcher), or the associated Pure record (e.g. Person).

Example of a validation message for a value that exceeds the max number of characters for a particular field

```
Value 'Professor Indigenous Social Research' with length = '36' is not facet-valid with respect to  
maxLength '20' for type 'stringMax20Type'.
```

Truncate submission XML values : ENABLED

When enabled, any value that is too long for a particular field will simply be truncated, and will pass validation. You can view all affected records in the 'Truncated values' tab in the Submission XML screen:

[Generate submission XML](#) [Validate submission XML](#) [Save submission validation](#)

Submission XML

This screen enables you to generate the ERA submission XML file for import into SEER, and enables validation of the file against the XML schema. When generating the submission XML file, Researchers, ERA Research Outputs, and ERA Portfolios flagged as 'Not Eligible' are not included in the submission XML file; ERA workflow state is not considered when generating the submission XML. To validate the submission XML, first you must generate the submission XML file, then validate it. Further information is available in the [ERA2018 wiki](#).

XML generated at 30.01.2018 13:30. [Download XML file](#).

[Show saved validations](#)

[Export to E](#)

[Validation errors](#) [Truncated values](#)

Truncated values

4 results

Content	XML attribute	Truncated value	Original value	Lin
1986-2000	honorific	Professor Indigenous	Professor Indigenous Social Research	31
1986-2000	honorific	Senior Lecturer, Soc	Senior Lecturer, Social Work.	46
Company supported education learning of	publisher	Research and Training Institute of the East Aegean (INEAG), Greece, National & Kapodistrian Universi	Research and Training Institute of the East Aegean (INEAG), Greece, National & Kapodistrian University of Athens	11
Hydrodynamic Modelling of Darwin Harbour 2005-2014	extent	Hydrodynamic Modelling of Darwin Harbour 2005-2014 History, Development Interpretation Report No. 5.	Hydrodynamic Modelling of Darwin Harbour 2005-2014 History, Development Interpretation Report No. 5.	11

ERA2018 Business rules and verification in Pure

ERA2018 Business rules and verification

Business rules

Content type	ID	Expression	Error / Warning message	Severity	Notes for Pure	Status
Researcher	BR018	For each researcher, the sum of apportionments to FoRs must be 100%.	The total FoR percentage apportionment for each researcher must equal 100%.	Error	Validation enforced in ERA Researcher editor	COVERED
Researcher	BR112	Staff employed at less than 0.4 FTE must be included in the staff data. Their publications must be included if they are published within the reference period <i>and</i> at least one publication has a byline linking the staff member to the submitting institution, or a demonstration of a publication association where the byline is not available on the publication.	Staff employed at less than 0.4 FTE must be included in the staff data. Their publications must be included if they are published within the reference period <i>and</i> at least one publication has a byline linking the staff member to the submitting institution, or a demonstration of a publication association where the byline is not available on the publication (as per the <i>Submission Guidelines</i>).	Warning	Have ERA2018 Researchers - Monitoring screen to highlight potential validation issues	IS FUNCTIONALITY TO HELP IDENTIFY
Researcher	BR114	The staff member who has employment status as '1' (employed) and whose function is listed as 'Other Function' must have his/her staff reference associated with at least one research output.	A staff member who is employed with 'Other Function' must be associated with at least one research output.	Error	Have ERA2018 Researchers - Monitoring screen to highlight potential validation issues	IS FUNCTIONALITY TO HELP IDENTIFY
Researcher	BR066	If a researcher has an Employment Status of '2' (employed-casual) or '3' (other), then they must have at least one research output submitted. NOTE— for researchers with the Employment Status '2' and '3', institutions may only submit the research outputs which have a publication association between the researcher and the institution.	At least one research output must be provided for a researcher who has the Employment Status of '2' or '3'. NOTE— for these types of employees, only those research outputs that have a publication association between the researcher and the institution may be submitted.	Error	Have ERA2018 Researchers - Monitoring screen to highlight potential validation issues	IS FUNCTIONALITY TO HELP IDENTIFY
Researcher	BR031	Each researcher provided should have a unique first name and last name combination.	More than one researcher was submitted with the same first and last name.	Warning		NOT ENFORCED
Researcher	BR042	Where a researcher has the Employment Status of '1' (employed), a total FTE value must be provided.	Where a researcher has the Employment Status of '1' (employed), a total FTE value must be provided.	Error	Validation enforced in ERA Researcher editor	COVERED
Researcher	BR134	The published name of the 'staff creator' must appear on the research output 'creator' list.	The published name of the 'staff creator' must appear on the research output 'creator' list.	Warning	We don't validate against this, but the logic for sourcing the research output 'creator' list is to take the published name as it is held in Pure, which does assume that the published name has been input	FUNCTIONALITY ENSURES THIS
Output	BR048	The sum of apportionments from the same research output must be 100%.	The total FoR percentage apportionment for each research output must equal 100%.	Error	Validation enforced in ERA Researcher editor	COVERED
Output	BR049	The apportionment for each FoR assigned to a research output must be between 20% and 100% inclusive.	The FoR percentage apportionment for each FoR assigned to a research output must be between 20% and 100% inclusive.	Error	Validation enforced in ERA Researcher editor	COVERED
Output	BR094	All the FoR codes assigned to the non-traditional research output should accord with the non-traditional research output indicator set of the FoR within the <i>ERA 2018 Discipline Matrix</i> .	One or more of the FoR codes assigned to the non-traditional research output does not accord with the non-traditional research-output indicator set of the FoR within the <i>ERA 2018 Discipline Matrix</i> .	Error	Validation enforced in ERA Research Output editor	COVERED
Output	BR140	The institution has provided the name of a publisher that is already on the publisher list.	PublisherOther must not be the same as a publisher that is already on the publisher list.	Error		NOT ENFORCED
Output	BR137	If the ERA Publisher ID in submission matches the ERA Publisher ID of 'Other', the publisher information must be provided.	If the ERA Publisher ID in submission matches the ERA Publisher ID of 'Other', then the publisher information must be provided.	Error	If there is no Publisher input on the associated Output, Pure does not return any Publisher information, including returning a Publisher ID of '0000'	NOT ENFORCED
Output	BR125	For book and book chapter research output types, the ERA Publisher ID in the submission must match the ERA Publisher ID provided in the <i>ERA 2018 Submission Publisher List</i> .	The ERA Publisher ID does not correspond with the one provided in the <i>ERA 2018 Submission Publisher List</i> .	Error	Enforced in Pure functions	COVERED
Output	BR141	The institution has provided the name of a conference that is already on the conference list.	ConferenceOther must not be the same as a conference that is already on the conference list.	Error		NOT ENFORCED

Output	BR138	If the ERA Conference ID in submission matches the ERA Conference ID of 'Other', the conference series name must be provided.	If the ERA Conference ID in submission matches the ERA Conference ID of 'Other', then the conference series name must be provided.	Error	If there is no associated Event, Pure does not return any Conference Outlet information, including returning a Conference ID of '0000'	NOT ENFORCED
Output	BR126	The ERA Conference ID in the submission must match the ERA Conference ID provided in the <i>ERA 2018 Submission Conference List</i> .	The ERA Conference ID does not correspond with the one provided in the <i>ERA 2018 Submission Conference List</i> .	Error	Enforced in Pure functions	COVERED
Output	BR001	The traditional research output must have either the Year Published or Year Available within the research output reference period (2011-2016).	Both the Year Published and the Year Available of this traditional research output are outside the reference period.	Error	We don't validate against this, but there are warnings in place in ERA Research Output editor and the Tabular view of ERA Research Outputs	IS FUNCTIONALITY TO HELP IDENTIFY
Output	BR062	The non-traditional research output must have either the Year Published or Year Presented within the research output reference period (2011-2016).	Both the Year Published and the Year Presented of this non-traditional research output are outside the reference period.	Error	We don't validate against this, but there are warnings in place in ERA Research Output editor and the Tabular view of ERA Research Outputs	IS FUNCTIONALITY TO HELP IDENTIFY
Portfolio	BR122	Each research item within a portfolio must have either the Year Published or Year Presented within the research output reference period (2011-2016).	A research item within the portfolio has both the Year Published and the Year Presented outside the reference period.	Error	We don't validate against this, but there are warnings in place in ERA Research Output editor and the Tabular view of ERA Research Outputs	IS FUNCTIONALITY TO HELP IDENTIFY
Output	BR024	If the unique identifier of an indexed journal article is provided, it must match the unique identifier from the citation provider.	The indexed journal article unique identifier does not match the unique identifier in the bibliographic dataset from the citation provider.	Error	Pure is unable to perform this validation	NOT ENFORCED
Output	BR117	The journal article submitted must be an eligible journal article as listed in the <i>ERA 2018 Submission Guidelines</i> and as per the citation provider's publication definition.	The citation's provider data indicates that the journal article is not eligible.	Error	Pure is unable to perform this validation	NOT ENFORCED
Output	BR054	The ERA Journal ID must match the ERA Journal ID provided in the <i>ERA 2018 Submission Journal List</i> .	The ERA Journal ID does not correspond with the one provided in the <i>Submission Journal List</i> .	Error	Enforced in Pure functions	COVERED
Output	BR059	If the FoR code assigned to the journal article is not a subset of the two-digit FoR code for the relevant Journal (as per <i>Submission Journal List</i>), the apportioned value of the FoR must be equal to or greater than 66%.	The FoR code assigned to the journal article must be a subset of the two-digit FoR code for the relevant Journal (as per <i>Submission Journal List</i>) or have an apportioned value equal to or greater than 66%.	Error	We don't validate against this, but there are warnings in place in the ERA Research Output editor, the Tabular view of ERA Research Outputs, and the ERA Research Outputs Monitoring screen	IS FUNCTIONALITY TO HELP IDENTIFY
Output	BR113	If the FoR code assigned to a journal article does not match the FoR code(s) specified in the <i>ERA 2018 Submission Journal List</i> then the apportionment value of that FoR code must be at least 66%.	The FoR code assigned to the journal article must correspond to the FoR code(s) specified in the <i>Submission Journal List</i> or have an apportioned value equal to or greater than 66%.	Error	We don't validate against this, but there are warnings in place in the ERA Research Output editor, the Tabular view of ERA Research Outputs, and the ERA Research Outputs Monitoring screen	IS FUNCTIONALITY TO HELP IDENTIFY
Output	BR132	The reassignment exception must not be used to move more than 40% of the apportioned journal articles into a single UoE.	The FoR code assigned to the journal article must correspond to the FoR code(s) specified in the <i>ERA 2018 Submission Journal List</i> for at least 60% of the outputs in a UoE.	Warning		NOT ENFORCED
Output	BR023	If the research output is nominated for ERA peer review, an electronic location must be provided for the research output.	All research outputs nominated for ERA peer review must provide a link to its location in a repository.	Error	Enforced in Pure functions	COVERED
Portfolio	BR118	If a portfolio is nominated for ERA peer review then an electronic location must be provided for each of the research items.	Each of the research items within the portfolio nominated for ERA peer review must provide a link indicating its location in a repository.	Error	Enforced in Pure functions	COVERED
Output	BR086	The FoR codes listed as nominated PR Disciplines must accord with the ERA peer review indicator set in the <i>ERA 2018 Discipline Matrix</i> .	One or more of the FoR codes listed as being a Nominated Peer Review Discipline do not accord with the ERA peer review indicator set in the <i>ERA 2018 Discipline Matrix</i> .	Error	Validation enforced in ERA Researcher editor	COVERED

Output	BR099	The research output can only be nominated for ERA peer review in one (or more) of the FoR codes to which it is assigned.	The research output has been nominated for ERA peer review in an FoR code to which it is not assigned.	Error	Validation enforced in ERA Researcher editor	COVERED
Output	BR109	The Unit of Evaluation with peer review component must have 30% of its apportioned research outputs for each research output type nominated for peer review at the four-digit FoR level.	The Unit of Evaluation does not have 30% of its research outputs for each research output type nominated for ERA peer review at the four-digit FoR level.	Error	We don't validate against this, but there are warnings in place in the ERA Research Outputs Peer Review Monitoring screen and the ERA Research Outputs Monitoring screen	IS FUNCTIONALITY TO HELP IDENTIFY
Output	BR007	For books marked as 'revisions', edition information must be provided.	Edition information must be provided for all books marked as 'revisions'.	Error		NOT ENFORCED
Output	BR050	The language code assigned to a research output must match a language code from the ABS language reference list.	The language code assigned to a research output must match the language code from the language reference table.	Error	Enforced in Pure functions	COVERED
Output	BR011	If the language code indicates that the native script is in a language other than English, the Roman script for the title may be provided.	A Roman script of the research output title may be provided if the language code is in a language other than English.	Warning	Offer facility in ERA Research Output editor	NOT ENFORCED
Output	BR012	For research outputs identified as 'Culturally sensitive', a sensitive handling note must be provided.	A sensitive handling note must be provided for all research outputs marked as 'Culturally sensitive'.	Error	Validation enforced in ERA Researcher editor	COVERED
Output	BR115	Where the institution has included a sensitive handling note the culturally sensitive indicator must also be provided.	A culturally sensitive indicator must be associated to a research output that includes a sensitive handling note.	Error	Validation enforced in ERA Researcher editor	COVERED
Output	BR104	The orderInOutput for authors connected to this research output must be in sequence starting from 1.	The orderInOutput for authors connected to this research output must be in sequence starting from 1.	Error	Enforced in Pure functions	COVERED
Income	BR133	The total research income for Category 1, 2, 3 and 4 reported per year must be within a plus or minus 10% range in comparison to the HERDC data collection.	The total research income reported per year is not within plus or minus 10% of the HERDC data collection.	Warning	Pure is unable to perform this validation	NOT ENFORCED
Income	BR073	The sum of apportionments from the same year for each grant income (Category 1) must be between 95% and 105% inclusively.	The total FoR percentage apportionment for each year within one grant (Category 1) must be between 95% and 105%.	Error	Validation enforced in ERA Research Income import job	COVERED
Income	BR027	The sum of apportionments for each year of research income (Category 2, Category 3 (including subcategories) and Category 4) must be between 95% and 105% inclusively.	The total FoR percentage apportionment for each year of research income (Categories 2, 3 and 4) must be between 95% and 105%.	Error	Validation enforced in ERA Research Income import job	COVERED
Income	BR106	The ACGR code must be valid according to the codes listed in the ACGR code table for each reference year of the grant.	The ACGR code is not valid for each reference year of the grant.	Error	Validation enforced in ERA Research Income import job	COVERED
Income	BR142	The Grant ID issued by the funding body must be unique to the program	The Grant ID is not unique to the program from the same funding body	Warning	Validation enforced in ERA Research Income import job	COVERED
Income	BR143	The institution has provided different funding organisations for the same grant.	The ACGR schemes provided for the grant are from different organisations.	Warning	Validation enforced in ERA Research Income import job	COVERED
Income	BR025	The Reference Year for research income (Category 1) must be one of the following values: 2014, 2015, 2016.	The reference year for research income (Category 1) is not valid.	Error	Validation enforced in ERA Research Income import job	COVERED
Income	BR026	The Reference Year for research income (Categories 2, 3 or 4) or research commercialisation income must be one of the following values: 2014, 2015, 2016.	The reference year for research income (Categories 2, 3 or 4) or research commercialisation income is not valid.	Error	Validation enforced in ERA Research Income / ERA Applied Measures import jobs	COVERED
Income	BR091	For income (Category 1), the total amount submitted for each year of each grant must not be less than or equal to zero.	The total income (Category 1) submitted for each year of each grant must be greater than zero.	Error	Validation enforced in ERA Research Income import job	COVERED
Income	BR092	For income (Category 2, Category 3 (including subcategories) and Category 4), the total amount submitted for each year must not be less than or equal to zero.	The total income (Categories 2, 3 and 4) submitted per year must be greater than zero.	Error	Validation enforced in ERA Research Income import job	COVERED
Applied	BR067	The sum of apportionments from the same applied measure must be 100%.	The total FoR percentage apportionment for each applied measure must equal 100%.	Error	Validation enforced in ERA Applied Measures import job	COVERED
Applied	BR072	The sum of apportionments from the same year for research commercialisation income must be between 95% and 105% inclusively.	The total FoR percentage apportionment for each year of research commercialisation income must be between 95% and 105%.	Error	Validation enforced in ERA Applied Measures import job	COVERED

Applied	BR095	All the FoR codes assigned to the applied measure must accord with the applied measure indicator set of the FoR within the <i>ERA 2018 Discipline Matrix</i> .	One or more of the FoR codes assigned to the applied measure does not accord with the applied measure indicator set of the FoR within the <i>ERA 2018 Discipline Matrix</i> .	Error	Validation enforced in ERA Applied Measures import job	COVERED
Applied	BR030	The Reference Year for the applied measure must be one of the following values: 2014, 2015, 2016.	The reference year for the applied measure is not valid.	Error	Validation enforced in ERA Applied Measures import job	COVERED
Applied	BR144	The institution has provided the same patentFamily name for different patents.	The patentFamily name provided is not unique.	Error	Validation enforced in ERA Applied Measures import job	COVERED
Applied	BR145	The institution has provided the same plantBreedersRightsFamily name for different Plant Breeders Rights	The PlantBreedersRightsFamily name provided is not unique.	Error	Validation enforced in ERA Applied Measures import job	COVERED
Applied	BR068	Each patent number within a submission must be unique.	The patent number must be unique within a submission.	Error	Validation enforced in ERA Applied Measures import job	COVERED
Applied	BR069	Each registered design ID within a submission must be unique.	The registered ID of a registered design must be unique within a submission.	Error	Validation enforced in ERA Applied Measures import job	COVERED
Applied	BR070	Each Plant Breeder's Right application number within a submission must be unique.	The application number of the Plant Breeder's Right must be unique within a submission.	Error	Validation enforced in ERA Applied Measures import job	COVERED
Applied	BR071	The country of registration code assigned to the Plant Breeder's Right must match the ABS country codes.	The country of registration assigned to the Plant Breeder's Right must match the ABS country codes.	Error	Validation enforced in ERA Applied Measures import job	COVERED
Applied	BR124	If an applied measure is associated to an individual (Type '1') then a staff reference number must be provided.	A staff reference number must be associated to each applied measure with an owner type of '1' (i.e. an individual).	Error	Validation enforced in ERA Applied Measures import job	COVERED
Applied	BR090	For research commercialisation income, the total amount submitted for each year must not be less than or equal to zero.	The total research commercialisation income for each year must be greater than zero.	Error	Validation enforced in ERA Applied Measures import job	COVERED
	BR097	The FoR code submitted must match a valid FoR code listed in the ANZSRC.	One or more FoR codes submitted is not valid.	Error	Not possible to assign content to invalid FoR	COVERED
	BR047	A data field must not contain the following items: 'N/A', 'NA', 'Not Available'	A data field exists that does not have meaningful content.	Error		NOT ENFORCED

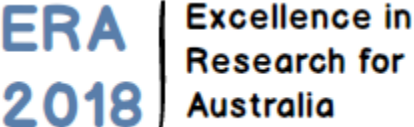
ERA2018 Submission XML validation notes

RELEASED : 5.11.0

The list below is not intended to be a full list of all validation errors you may encounter in Pure, but is meant to give some context to what we think may be the 'less clear' messages, and how to resolve them.

ERA2018 Submission XML validation			
ERA element	Validation message	Field	
ERA Researcher	Value '0.05' is not facet-valid with respect to minInclusive '1.0E-1' for type 'researcherFteType'	FTE	<ul style="list-style-type: none"> The ERA Researcher editor in Pure does not validate on a minimum FTE, but the submission requires a minimum of 0.1 FTE
ERA Researcher	Value '0.35374' is not facet-valid with respect to pattern '(\\d)(\\d\\.\\d)(\\d\\.\\d\\d)' for type 'researcherFteType'	FTE	<ul style="list-style-type: none"> When manually creating ERA Researcher records, Pure enforces a maximum number of 2 decimal places for FTE. But when creating ERA Researchers using the import job, Pure does not enforce a maximum number of decimal places, and this will generate a submission xml validation error <ul style="list-style-type: none"> To fix this, you need to open the relevant ERA Researcher record in Pure and then save it (no need to edit the FTE, Pure will truncate the value accordingly)
ERA Research Output	The content of element 'journalArticle' is not complete. One of '{'http://seer.arc.gov.au/2018/seer/1":nominatedPRDisciplines, "http://seer.arc.gov.au/2018/seer/1":journalOutlet}' is expected.	Journal	<ul style="list-style-type: none"> If you try to return an ERA Research Output as a Journal article when it is not associated with an ERA Journal, a validation error will be generated

ERA2018 Reference periods and census date



Content	Census date / Reference period	Years	ERA2015 dates (for info)
ERA Researcher	31 March 2017	-	31 March 2014
ERA Research Outputs	1 January 2011 - 31 December 2016	6	1 January 2008 - 31 December 2013
ERA Research Income	1 January 2014 - 31 December 2016	3	1 January 2011 - 31 December 2013
ERA Applied Measures	1 January 2014 - 31 December 2016	3	1 January 2011 - 31 December 2013

ERA Working Group

ERA Working Group members

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Agenda for next meeting (date TBC)

1. XXXXX

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