

Release notes - Pure 5.17.0 (4.36.0)

Highlights of this release



Write API

The Pure write API is an evolution of the existing web service, to support a backward-compatible read and write endpoint for using and managing research information data in Pure. The new Pure API will provide a backwards-compatible fully featured web services API. As part of 5.17 we're releasing an early access version of the external organizations endpoint that all Pure customers can enable.

[See below for more info...](#)



Funding Opportunities

Sweeping improvements have been made to the Funding opportunities content type to facilitate the way customers work with opportunities in Pure. Customers are now able to manage interactions with these opportunities against deadlines and applications, and share with both specific researchers and departments and faculties. Part of these improvements are to pave the way for Pure to move funding discovery features, currently found in the funding discovery module, to [Funding Institutional](#), a product specifically developed to improve the discovery and dissemination of funding opportunities across and within institutions.

[See below for more info...](#)



Report Landing pages

A new landing page for the report module has been introduced. The purpose of the landing page is to provide easier access to reporting functionality and reports. It provides users access to reporting, without having access to other content in Pure, and a space where future versions can display various aspects of the report module.

[See below for more info...](#)



We are pleased to announce that version 5.17.0 (4.36.0) of Pure is now released.

Always read through the details of the release - including the [Upgrade Notes](#) - before installing or upgrading to a new version of Pure.

Release date: 18 February 2020

Hosted customers:

- Staging environments (including hosted Pure Portal) will be updated *19 February 2020* (APAC + Europe) and *20 February 2020* (North/South America).
- Production environments (including hosted Pure Portal) will be updated *4 March 2020* (APAC + Europe) and *5 March 2020* (North/South America).



[Download the 5.17 release Notes](#)

last updated 14 February 2020

5.17.0 (4.36.0) New and noteworthy

- 1. [Web accessibility](#)
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- 4.1. Pure Changes Endpoints update
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 - 5.1. Award and Application synchronization changes to cost center on budget lines
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- 7. Pure Portal
 - 7.1. Page speed/Search Engine Optimisation (SEO) improvement - Profile image rescaling and caching
 - 7.2. Dual queue updates
 - 7.3. Equipment and project page improvements
 - 7.4. Related outputs added as equipment fingerprint signal
 - 7.5. Edit fingerprints on research outputs
 - 7.6. Fingerprint Engine upgrade
 - 7.7. Organisation "web name" fields now active for Pure Portals
- 8. Country-specific features
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 - 8.1.1. Submission to the submission system of REF1-REF4
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 - 8.1.4. REF4b 4c income source and income in kind
 - 8.1.5. Reporting on REF3, REF4 and REF6
 - 8.1.6. Locate Research Output without REF2
 - 8.1.7. Migrating REF2 data

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1.1. 1. Web accessibility

We continue to work towards being fully [WCAG 2.1](#) AA compliant by February 2021 by ensuring accessible design in new features.

In addition to this we have worked on the following areas:

1.1.1. 1.1. Pure Portal: keyboard accessibility improvements

This release, we have focused our accessibility progress on improving the keyboard accessibility of the Pure Portal. These changes allow keyboard users to more easily navigate the portal using the TAB key to access fingerprints, search filters, navigation and other aspects of the portal. These changes will greatly benefit visitors using assistive technologies such as screen readers to navigate and access the information on the portal.

In addition, we have also integrated the correct states of buttons, checkboxes and toggle buttons to let our assistive technology users know if a button or checkbox has been activated. We strongly believe that these changes will improve the overall experience for everyone using our Pure Portal.

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1.1.2. 1.2. Pure Portal: updated accessibility statement

We have updated our Pure Portal accessibility statement. It is a declaration in the form of a short information page which is available via a link from every page of the website, via the footer. This update brings us in line with current UK government [advice on accessibility compliance](#), but more than that, it provides a clearer, more comprehensive picture of our compliance status for all users globally. You can also find on this page a link to our most recent Voluntary Product Accessibility Template (VPAT), which provides a comprehensive review of our accessibility provisions across multiple areas.

This statement replaces the previous version of this statement, and can be found in the footer, by clicking the link "About web accessibility". We have also taken the opportunity to update the URL of the page from ".../vpat" to ".../web-accessibility".

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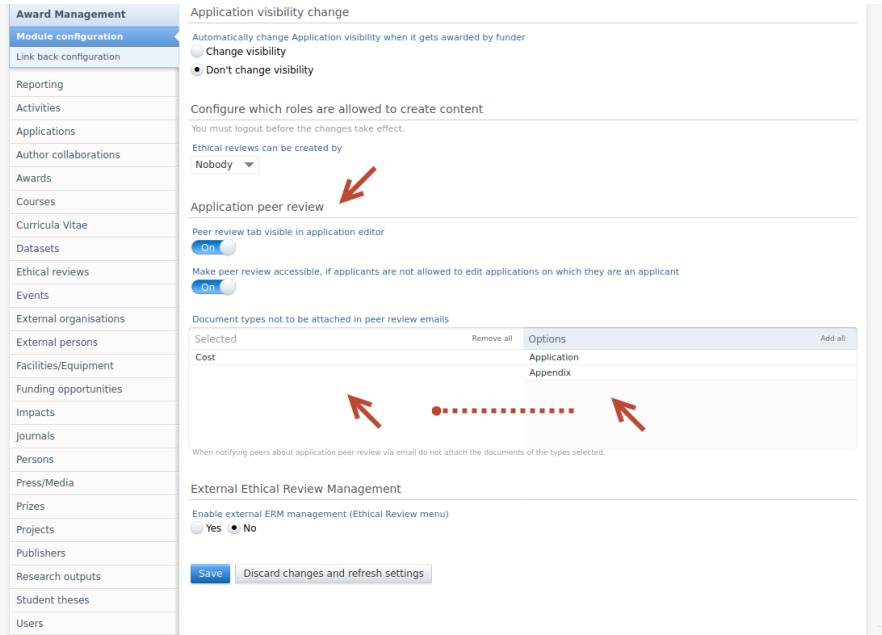
1.2. 2. Privacy and personal data

The protection of privacy and personal data is extremely important to Pure. Based on guidance provided by GDPR (and similar frameworks), we continually add improvements to how Pure handles sensitive data, and we continually provide tools for users to manage their own and others' data in Pure.

In this release, the following features that support the protection of user privacy and personal data have been introduced:

1.2.1. 2.1. Peer review documents to be shared – document type filter

For customers with the Award Management module, Administrators can - via a configuration option - select which document types should or should not be attached to the email when applications when sent for peer review. This feature improves how potentially sensitive documents are shared from Pure to external entities.

Information	Screenshot
<p>To configure which document types should NOT be attached, administrators should navigate to Administrator > Award management > Module configuration.</p> <p>In the Application peer review section, documents of specific types NOT be attached to emails can be selected from the list of optional file types.</p>	 <p>The screenshot shows the 'Award Management' configuration page. The left sidebar lists various modules, with 'Award Management' selected. The main content area is titled 'Application visibility change' and includes several configuration options. A red arrow points to the 'Application peer review' section. Below this, there is a table titled 'Document types not to be attached in peer review emails'. The table has columns for 'Selected', 'Remove all', 'Options', and 'Add all'. Under the 'Options' column, 'Application' and 'Appendix' are listed. A red dotted line with arrows at both ends highlights the 'Options' column. At the bottom of the page, there is a 'Save' button and a 'Discard changes and refresh settings' button.</p>

When users upload documents to an application, they will be presented with a warning stating specific document types will not be included as an email attachment.

The screenshot shows the 'My application' interface with the 'Add document' dialog box open. The dialog box has the following fields and elements:

- Filename: sample.pdf (2.96 KB, application/pdf) with a Remove button.
- File title: sample
- Type: Application (dropdown menu)
- A red arrow points to a yellow warning box: "The following document types will not be attached to emails send for peer review. • Cost"
- Buttons: Cancel and Create

The background interface shows the application details for ID: 17770, including the date submitted, funder reply status, and a workflow history at the bottom.

When a user requests an application be sent for peer review, a short warning is added to the summary screen stating that confidential document types will not be attached.

The screenshot shows the 'My application' interface with the 'Notify peers' dialog box open. The dialog box contains the following elements:

- Buttons: Create email
- Add recipient: + icon or enter email address
- Recipients: Notify applicants: Peter Pedal () and Notify myself: noreply@atira.dk
- Message to recipients: text input field
- Attachments: A Sample PDF (9.46 KB | atira | 16 Jan 2020 13:33) and file-sample_150kB (139 KB | atira | 16 Jan 2020 13:33)
- A red arrow points to a yellow warning box: "Confidential files are not attached."
- Button: Save and send email

The background interface shows the application details for ID: 17770, including the date submitted, funder reply status, and a workflow history at the bottom.

1.3. 3. Pure Core: Administration

1.3.1. 3.1. Cover sheet configuration - Author count added

A new field has been added to the coversheet xml configuration. It is now possible to include the total count of authors on a given publication. The condition, "additionalSettings", has also been added to define that the count of authors field should be displayed if the count of authors exceeds the configured limit.

The author count element is shown below:

```
<element>
  <font>ARIAL</font>
  <fontSize>10</fontSize>
  <horizontal-alignment>LEFT</horizontal-alignment>
  <vertical-alignment>TOP</vertical-alignment>
  <height>40</height>
  <HeaderText>Total number of authors:</HeaderText>
  <headerTextStyle>ITALIC</headerTextStyle>
  <textStyle>NORMAL</textStyle>
  <textColor>BLACK</textColor>
  <leftMargin>57</leftMargin>
  <rightMargin>40</rightMargin>
  <type>AuthorTotal</type>
  <additionalSettings>
    <onlyShowAuthorTotalIfLimitExceeded>true</onlyShowAuthorTotalIfLimitExceeded>
  </additionalSettings>
</element>
```

To modify the XML configuration, and to add the author count element, go to **Administrator > Research outputs > Cover sheet configuration**.

In **Layout configuration**, add the XML element (the whole XML block provided above) to the editor window. To only show the author count if the author limit is reached, set "onlyShowAuthorTotalIfLimitExceeded" to **true**, i.e.

```
<additionalSettings>
  <onlyShowAuthorTotalIfLimitExceeded>true</onlyShowAuthorTotalIfLimitExceeded>
</additionalSettings>
```

If you would like to enable the author count in all situations, set "onlyShowAuthorTotalIfLimitExceeded" to **false**, i.e.

```
<additionalSettings>
  <onlyShowAuthorTotalIfLimitExceeded>>false</onlyShowAuthorTotalIfLimitExceeded>
</additionalSettings>
```

1.3.2. 3.2. Funding opportunities improvements

The funding opportunities content type, and how it is managed and shared in Pure, has been updated and improved. The primary goal of these updates is to improve how users work and interact with opportunities in Pure. Part of these improvements are to pave the way for Pure to move funding discovery features, currently found in the funding discovery module, to [Funding Institutional](#), a product specifically developed to improve the discovery and dissemination of funding opportunities across and within institutions.

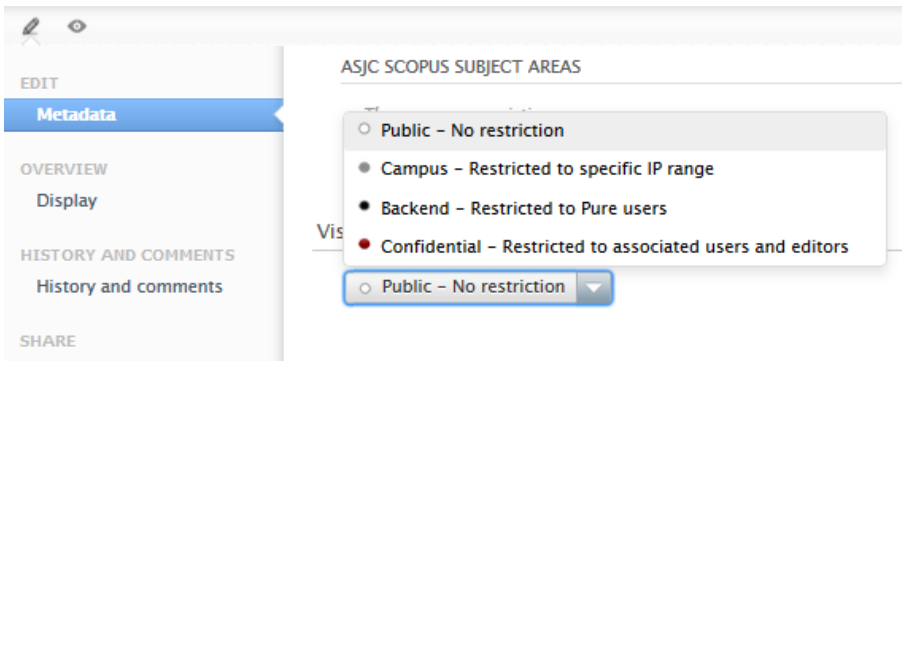
The introduction of improvements to the content type and the implementation of Funding Institutional will be phased. In this release, only improvements to the content type are included, and in subsequent releases, the integration with Funding Institutional will be introduced. The Funding Discovery module will be available until the integration with Funding Institutional is fully functioning. To gain access to the funding opportunity improvements, customers must be subscribed to the funding opportunity module and must be on the Unified Project Model (UPM). For more information on how to activate the required modules, please contact pure-support@elsevier.com.

The improvements included in this release are as follows:

1.3.2.1. 3.2.1. Visibility

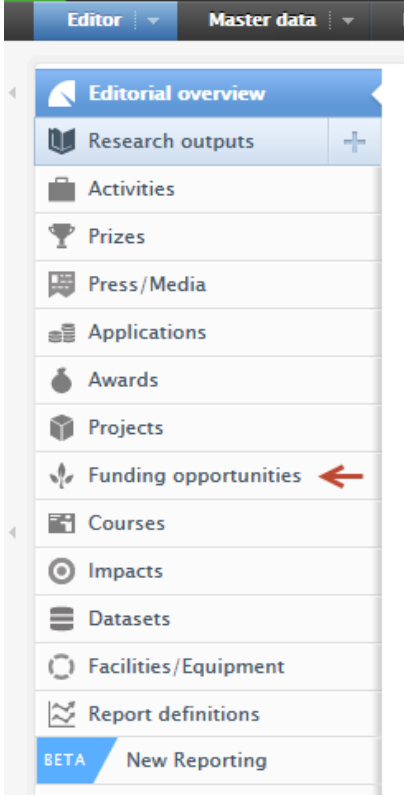
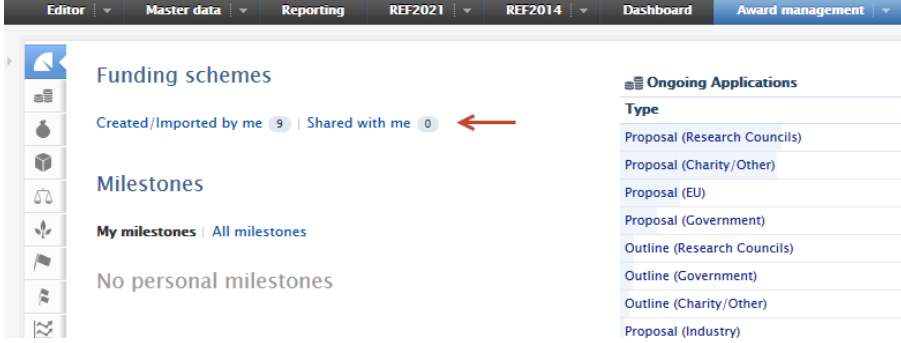
Visibility on opportunities

Visibility settings have now been added to funding opportunities. The default visibility setting is **Public**, so please be aware that any internal opportunities will be surfaced in the web service if they are made Public.

Information	Screenshot
<p>To set the visibility of an opportunity, navigate to the end of the Metadata section of the opportunity. The desired visibility setting can be selected from the drop down. Users must click Save for the changes to take effect.</p> <div data-bbox="245 1188 500 1528" style="border: 1px solid red; padding: 5px;"><p>! Migration of existing opportunities</p><p>Existing opportunities will be migrated to the new opportunity model. With this migration, the visibility will be set to Public.</p></div>	 <p>The screenshot shows the 'ASJC SCOPUS SUBJECT AREAS' section of the opportunity editor. A dropdown menu is open, displaying the following visibility options: 'Public - No restriction' (selected), 'Campus - Restricted to specific IP range', 'Backend - Restricted to Pure users', and 'Confidential - Restricted to associated users and editors'. The 'Public - No restriction' option is highlighted with a blue bar and a downward arrow.</p>

Funding opportunities visible to all users

The funding opportunities content type is now visible to all users of customers with the funding opportunity module.

Information	Screenshot
<p>The funding opportunities sub-menu tab can now be found in the Editor tab, rather than Master data. For personal users, it will be found under the Personal tab.</p>	 <p>The screenshot shows a navigation menu with tabs for 'Editor' and 'Master data'. Under the 'Editor' tab, a list of menu items is displayed: Editorial overview, Research outputs, Activities, Prizes, Press/Media, Applications, Awards, Projects, Funding opportunities (highlighted with a red arrow), Courses, Impacts, Datasets, Facilities/Equipment, Report definitions, and a 'BETA' section with 'New Reporting'.</p>
<p>For customers (and their users) with access to the Award Management Module, a quick link to the funding opportunities has been added at the top of the AMM overview screen.</p>	 <p>The screenshot shows the 'Award management' dashboard. The top navigation bar includes 'Editor', 'Master data', 'Reporting', 'REF2021', 'REF2014', 'Dashboard', and 'Award management'. The main content area features a 'Funding schemes' section with a link 'Created/Imported by me 9 Shared with me 0' highlighted by a red arrow. Below this are sections for 'Milestones' (My milestones, All milestones) and 'Ongoing Applications' with a list of application types: Proposal (Research Councils), Proposal (Charity/Other), Proposal (EU), Proposal (Government), Outline (Research Councils), Outline (Government), Outline (Charity/Other), and Proposal (Industry).</p>

1.3.2.2. 3.2.2. Display updates

Renders

The renders of funding opportunities have been updated to be more informative.

Information	Screenshot
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The short render has been updated across the different viewing formats.

In list view:

The screenshot shows a list view interface. At the top, there are tabs for 'My content' and 'Deadline'. Below the tabs, it indicates '1 result' and 'Sort by: ↓ Rating'. The main content is a card for 'Sample title' with the following details: 'Pure Academy, LEGO (€10,000.00)', 'Opening date: 12/30/19, Intent to apply deadline: 1/4/20, Deadline: 1/31/20', 'Labels: Label1, Label2', and 'Funding opportunity: Research Grants'. A button labeled 'INTERNAL' is at the bottom of the card. A red arrow points to the 'Views' icon in the top right corner.

Short render explained:

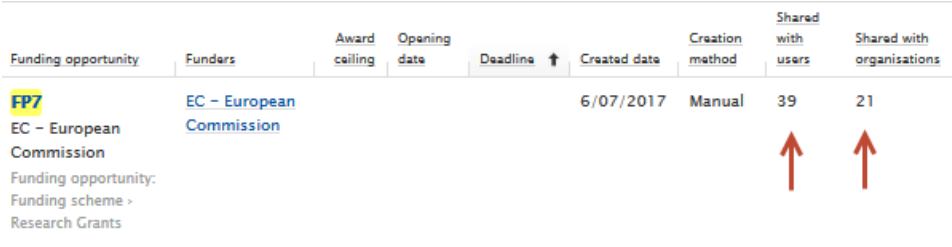
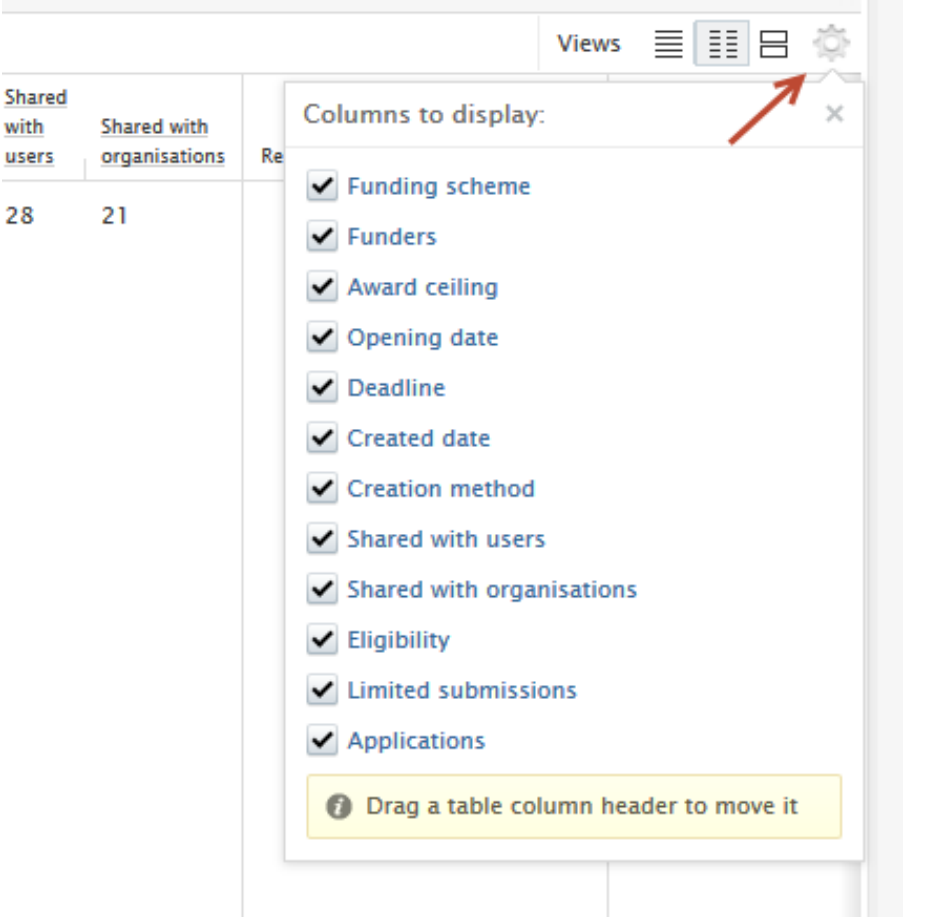
This screenshot is the same as the one above but with red dashed arrows pointing to specific fields with labels: 'Opportunity title' points to 'Sample title'; 'Funding organisation(s)' points to 'Pure Academy, LEGO (€10,000.00)'; 'Award ceiling' points to '€10,000.00'; 'Labels' points to 'Label1, Label2'; 'Important dates (where specified)' points to the date fields; 'Source of opportunity (Internal = created in Pure, External = imported into Pure)' points to the 'INTERNAL' button; and 'Funding type' points to 'Research Grants'.

The long render has also been updated to highlight fields with missing values.

The screenshot shows a long render view for 'Sample title'. It includes a paragraph of Lorem ipsum text. Below that are sections for 'General information', 'Important dates', 'Eligibility', and 'Keywords and classifications'. The 'Important dates' section lists: 'Opening date: 12/30/19', 'Intent to apply deadline: Not specified' (with a red arrow pointing to it), and 'Deadline: 1/31/20'. The 'General information' section includes: 'Funding organisations: Pure Academy, LEGO', 'Associated IDs: 361343' (with a 'Funding number' button), 'Estimated funding: €5,000.00', 'Award ceiling: €10,000.00', 'Limited submission: Yes', 'Open access requirements: Yes', and 'URL to full announcement: https://www.url.com'.

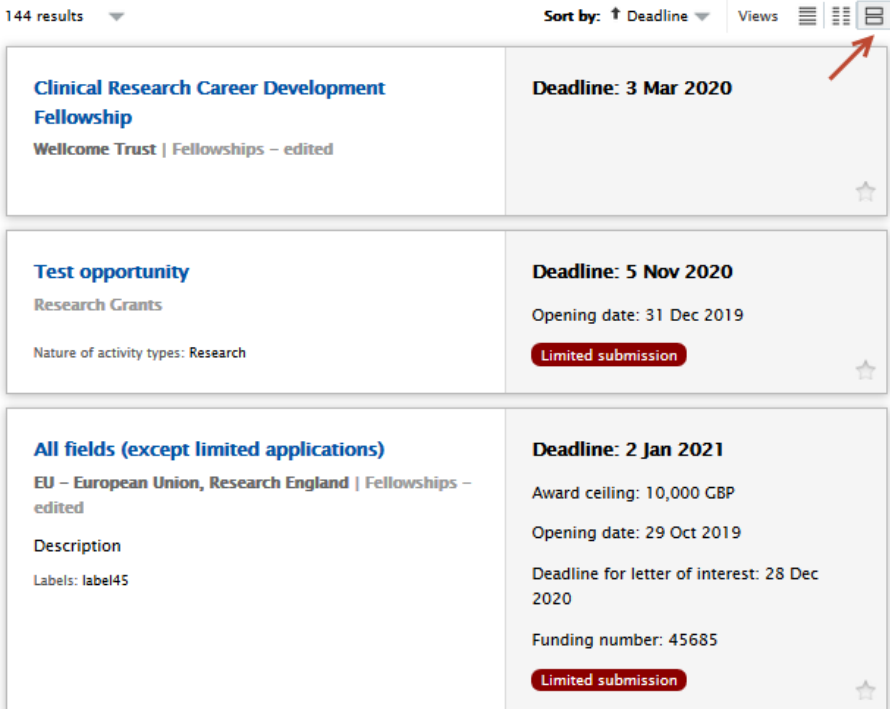
Table view configuration

The available columns in the matrix/table view have been expanded.

Information	Screenshot																		
<p>The count of entities with which the opportunity has been shared is now available. Clicking on the value opens the sharing tab of the relevant opportunity.</p>	 <table border="1"> <thead> <tr> <th>Funding opportunity</th> <th>Funders</th> <th>Award ceiling</th> <th>Opening date</th> <th>Deadline</th> <th>Created date</th> <th>Creation method</th> <th>Shared with users</th> <th>Shared with organisations</th> </tr> </thead> <tbody> <tr> <td>FP7 EC - European Commission Funding opportunity: Funding scheme -> Research Grants</td> <td>EC - European Commission</td> <td></td> <td></td> <td></td> <td>6/07/2017</td> <td>Manual</td> <td>39</td> <td>21</td> </tr> </tbody> </table>	Funding opportunity	Funders	Award ceiling	Opening date	Deadline	Created date	Creation method	Shared with users	Shared with organisations	FP7 EC - European Commission Funding opportunity: Funding scheme -> Research Grants	EC - European Commission				6/07/2017	Manual	39	21
Funding opportunity	Funders	Award ceiling	Opening date	Deadline	Created date	Creation method	Shared with users	Shared with organisations											
FP7 EC - European Commission Funding opportunity: Funding scheme -> Research Grants	EC - European Commission				6/07/2017	Manual	39	21											
<p>The visibility of columns can be changed by clicking on the gear icon and selecting which columns should be visible. Columns can be moved by dragging a column header in the table view.</p>	 <p>Views [Grid Icon] [List Icon] [Table Icon] [Gear Icon]</p> <p>Shared with users: 28 Shared with organisations: 21</p> <p>Columns to display:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Funding scheme <input checked="" type="checkbox"/> Funders <input checked="" type="checkbox"/> Award ceiling <input checked="" type="checkbox"/> Opening date <input checked="" type="checkbox"/> Deadline <input checked="" type="checkbox"/> Created date <input checked="" type="checkbox"/> Creation method <input checked="" type="checkbox"/> Shared with users <input checked="" type="checkbox"/> Shared with organisations <input checked="" type="checkbox"/> Eligibility <input checked="" type="checkbox"/> Limited submissions <input checked="" type="checkbox"/> Applications <p>? Drag a table column header to move it</p>																		

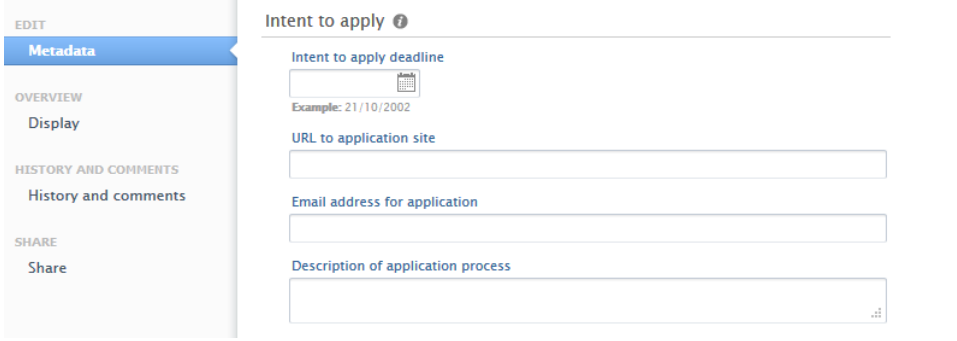
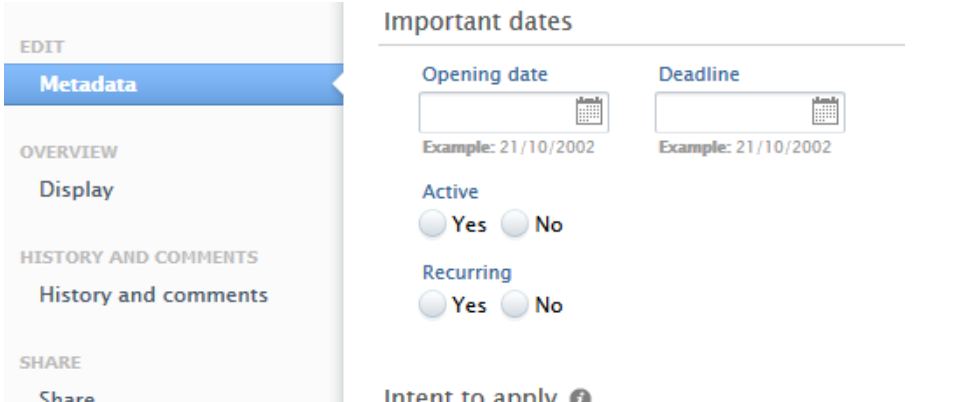
Card view

The card view has also been updated with a more regular, consistent layout and shape of cards on the page.

Information	Screenshot
<p>More information has been added to the summary block of the card. If important date fields are specified, they will be shown on the summary block. Limited submission flags have also been added if specified.</p>	

1.3.2.3. 3.2.3. Model updates

The funding opportunities content type model has been extended to include new fields.

Information	Screenshot
<p>Intent to apply</p> <p>An intent to apply section, with a date picker has been added. Additional fields related to the contact and submission aspects of the opportunity have also been added in this section.</p>	
<p>Recurring opportunity tag</p> <p>To account for recurring opportunities, a Recurring radio button has been added to add a flag to the opportunity. This is especially relevant for assisting administrators with identifying what are genuine past deadlines, versus deadline shift due to the opportunity being a recurring opportunity.</p>	

Nature of activity

A nature of activity selector has been added to funding opportunities.

EDIT

Metadata

OVERVIEW

Display

HISTORY AND COMMENTS

History and comments

SHARE

Share

Classifications

Funding type *

Research Grants ▼

Nature of activity type

Add nature of activity type...

Labels

Identification

Labels

The option to add labels to opportunities is also included. Labels can be added by personal users, and are viewable to all users, even if personal users are not allowed to modify funding opportunities.

EDIT

Metadata

OVERVIEW

Display

HISTORY AND COMMENTS

History and comments

SHARE

Share

Classifications

Funding type *

Research Grants ▼

Nature of activity type

Add nature of activity type...

Labels

Identification

Example of read-only opportunity where labels can be modified or added.

EDIT

Metadata

OVERVIEW

Display

HISTORY AND COMMENTS

History and comments

SHARE

Share

Classifications

Funding type *

Fellowships – edited

Nature of activity type

Labels

label45

Identification

Title *

All fields (except limited applications)

Description

Description

Associated IDs

45685 Funding number

URL to full announcement

<http://www.something.funding.eu>

Multiple funders on opportunities

Users can now select multiple funders on all opportunities. The order of appearance of funders can be changed by using the or arrows, and can be removed from the list using the '-'.

EDIT

Metadata

OVERVIEW

Display

HISTORY AND COMMENTS

History and comments

SHARE

Share

Funding organisations

Funding organisations

THE THEOLOGICAL TRUST

External organisation: Fee funding body

↓ -

IRANIAN MINISTRY OF HEALTH & MEDICAL EDUCATION

External organisation: Fee funding body

↑ -

[Add funding organisation...](#)

Important dates

Limited submission 'soft lock'

For opportunities that are limited submission in nature, a soft 'lock' has been put in place to notify users that the opportunity they are trying to link to an application or award will exceed the number of specified submissions. Users may still relate the application or award to the opportunity, hence soft 'lock'. Administrators can filter on opportunities with more related content than is allowed.

Example of notification in *application* of limited submission count being exceeded

Application: Research Councils > Proposal

EDIT

Metadata

OVERVIEW

Relations

Display

HISTORY AND COMMENTS

History and comments

Peer review

Funding opportunity

Funding opportunity

+ test

Test opportunity Will exceed max. allowed submissions.

Opening date: 31/12/2019, Deadline: 5/11/2020

Funding opportunity: Funding schema > Research Grants

[Add funding...](#)

Submission deadline ⓘ

Examples of notification in *opportunity* view screen of limited submission count being exceeded

←

Identification	Important dates
Title	Opening date
Test opportunity	31/12/2019
	Deadline
	30/11/2020
	Active
	Yes
	Recurring
	No
	Related applications
	Applications
	Test application 1
	Application: Research Councils > Proposal
	Test application 2
	Application: Research Councils > Proposal
	New applications will exceed max. allowed submissions
	Create an application

Additional warnings of exceeded limits can be found when trying to relate applications directly from the opportunity.

Examples of notification in *opportunity* edit screen of limited submission count being exceeded

Administrators can quickly view which applications have exceeded their submission limit by clicking on the red application icon in the limited submission column of the matrix/table view of the opportunity content view.

EDIT

Metadata

OVERVIEW

Display

HISTORY AND COMMENTS

History and comments

SHARE

Share

Limited submissions

Limited submission
 Yes No

No. of annual applications per HEI

Number of awards

Requirement for open access to the published findings

Open access requirements
 Yes No Not set

Related applications

Applications

- Test application 1**
 Application: Research Councils > Proposal
- Test application 2**
 Application: Research Councils > Proposal

New applications will exceed max. allowed submissions

Save and create an application

Funding opportunity	Funders	Award ceiling	Opening date	Deadline	Created date	Creation method	Shared with users	Shared with organisations	Recommendations	Requirements	Limited submissions	Applications
Clinical Research Career Development Fellowship Wellcome Trust Deadline: 3/03/2020 Funding opportunity: Funding scheme - Fellowships - edited	Wellcome Trust		3/03/2020	6/07/2017	Manual	39	21					
Test opportunity Opening date: 31/12/2019, Deadline: 5/11/2020 Funding opportunity: Funding scheme - Research Grants			31/12/2019	5/11/2020	30/12/2019	Manual	1	0				
All fields (except limited applications) EU - European Union, Research England (£10,000.00) Opening date: 29/10/2019, Intent to apply deadline: 28/12/2020, Deadline: 2/01/2021 Labels: Labels Funding opportunity: Funding scheme - Fellowships - edited	EU - European Union Research England	10,000.00 GBP	29/10/2019	2/01/2021	10/12/2019	Manual	28	21				
All all fields filled out FEES REMITTED (STAFF) (£10,000.00) Opening date: 25/11/2019, Intent to apply deadline: 1/12/2021, Deadline: 16/12/2021 Labels: Limited Funding opportunity: Funding scheme - Unknown	FEES REMITTED (STAFF)	10,000.00 GBP	25/11/2019	16/12/2021	16/12/2019	Manual	27	21				

Funding opportunity	Funders	Award ceiling	Opening date	Deadline	Created date	Creation method	Shared with users	Shared with organisations	Recommendations	Requirements	Limited submissions	Applications
All all fields filled out FEES REMITTED (STAFF) (£10,000.00) Opening date: 25/11/2019, Intent to apply deadline: 1/12/2021, Deadline: 16/12/2021 Labels: Limited Funding opportunity: Funding scheme - Unknown	FEES REMITTED (STAFF)	10,000.00 GBP	25/11/2019	16/12/2021	16/12/2019	Manual	27	21				

Limited submissions

should not be able to attach - from application to FO

IDRYMA IATROVIOLOGIKON EREUNON AKADEMIAS ATHINON: £356.00
 Deadline: 16/12/2021
 Application: Industry > Outline

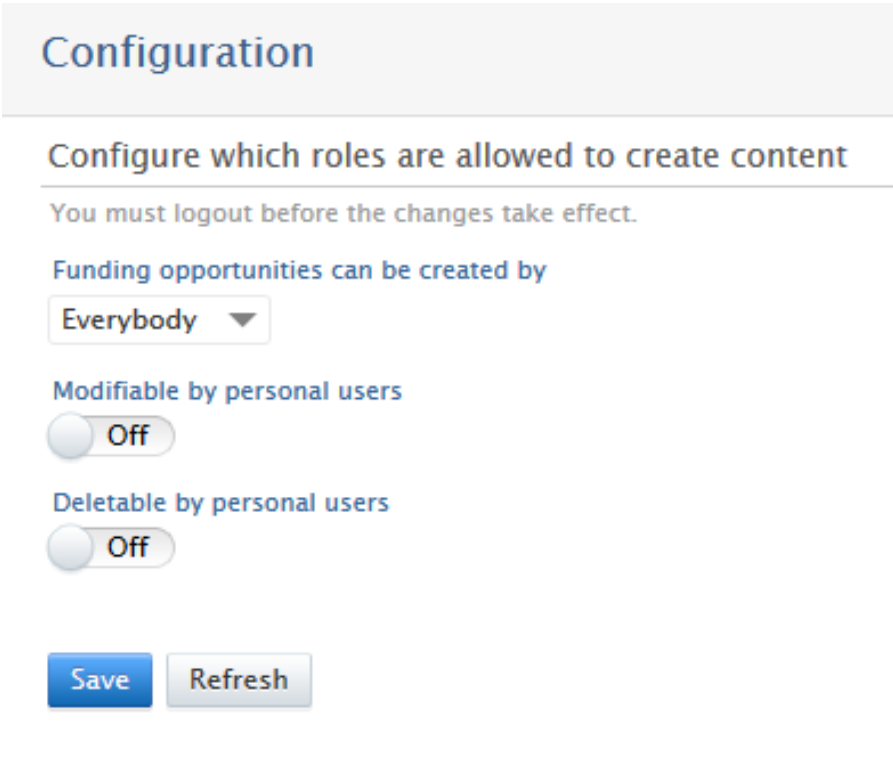
ALL all fields filled out

FEES REMITTED (STAFF): £5.00
 Deadline: 16/12/2021
 Application: Research Councils > Outline

ALL all fields filled out

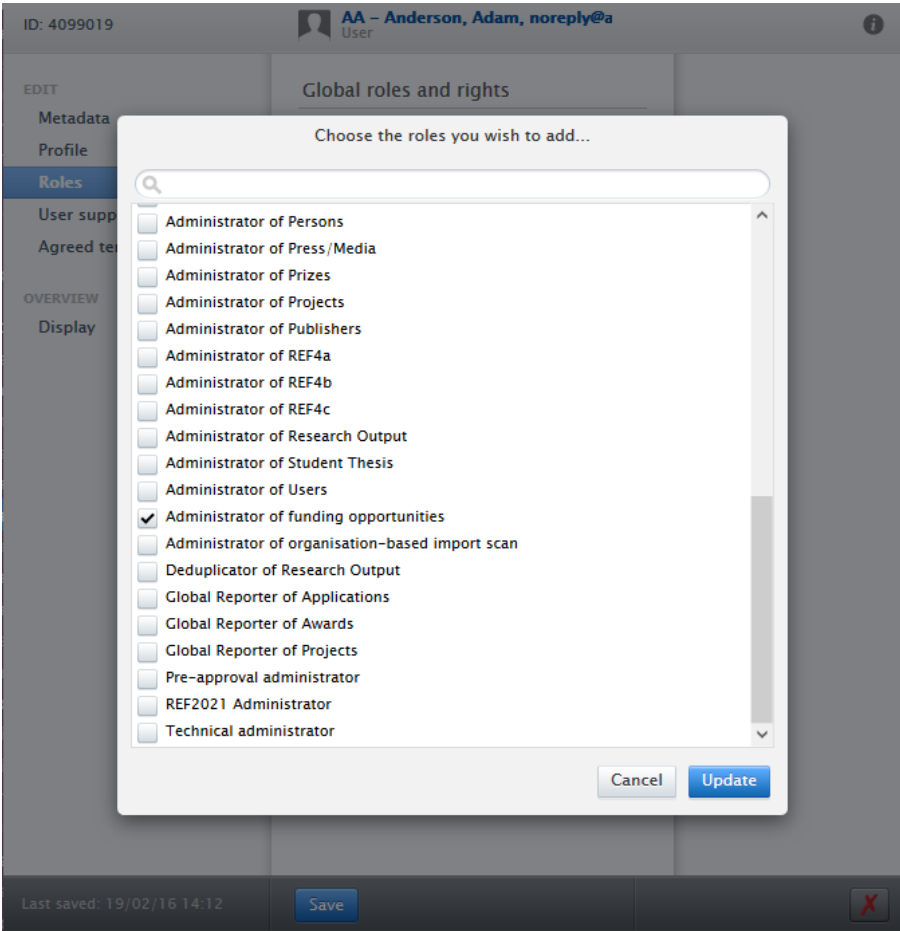
1.3.2.4. 3.2.4. Configuration options

Administrators can allow users to create, modify and delete funding opportunities.

Information	Screenshot
<p>Administrators should navigate to Administrator > Funding opportunities. Funding opportunities can be created either by <i>Everyone</i>, <i>Nobody</i> or <i>Administrators of opportunities</i> only, and administrators can set whether personal users can modify or delete funding opportunities.</p>	 <p>The screenshot shows a configuration page titled "Configuration" with the subtitle "Configure which roles are allowed to create content". A warning message states: "You must logout before the changes take effect." Below this, there is a section "Funding opportunities can be created by" with a dropdown menu set to "Everybody". There are two toggle switches: "Modifiable by personal users" (set to Off) and "Deletable by personal users" (set to Off). At the bottom, there are "Save" and "Refresh" buttons.</p>

1.3.2.5. 3.2.5. Role migrations

Editor of funding opportunities Administrator of funding opportunities

Information	Screenshot
<p>All Editors of funding opportunities have been migrated to the Administrator of funding opportunities role for the express purpose of administering funding opportunities.</p> <p>This global role can be assigned to any user via Master data > [User] > Roles > Global roles and rights, select <i>Administrator of funding opportunities</i>. The role will have the following rights for all opportunities in Pure:</p> <ul style="list-style-type: none"> ▪ Read ▪ Edit ▪ Update ▪ Delete ▪ Share <p>The role is designed to enable sharing of opportunities across the institution, and with the eventual integration with Funding Institutional, serve as a administrative bridge between the two products. More information on this will follow with the integration.</p>	



1.3.2.6. 3.2.6. Sharing of Opportunities

Funding opportunities can now be shared across multiple organisations and/or users.

Information	Screenshot
<p>Sharing individual opportunities</p>	
<p>1. To share an opportunity, navigate to the Edit screen of an opportunity, and then the Share menu item.</p>	



Share options across different roles

EDIT  

Metadata


OVERVIEW

Display

HISTORY AND COMMENTS


History and comments

SHARE

Share 

Classifications

Funding type *
Unknown ▾

Nature of activity type
 **Research** -

Add nature of activity type...

Labels

Limited

Administrators and Administrators of opportunities will be able to share with both individual Users and Organizations.

Personal users will only be able to share opportunities with other personal users.

2. To share with either a specific user and/or with all users in an organisation, click on the respective button and find and select the entities.


EDIT
Metadata

OVERVIEW
Display


HISTORY AND COMMENTS
History and comments

SHARE
Share

Share with users ⓘ

Share with users
 ←

Share with organisational units ⓘ

Share with organisational units
 ←

User selection:


EDIT
Metadata

OVERVIEW
Display


HISTORY AND COMMENTS
History and comments

SHARE
Share


Share with users ⓘ

Share with users


*Start typing to begin the search.
Search results will be updated while you type.*

Sh 

Organisation selection:

 Funding scheme: Research Grants


EDIT
Metadata

OVERVIEW
Display


HISTORY AND COMMENTS
History and comments

SHARE
Share

Share with users ⓘ

Share with users


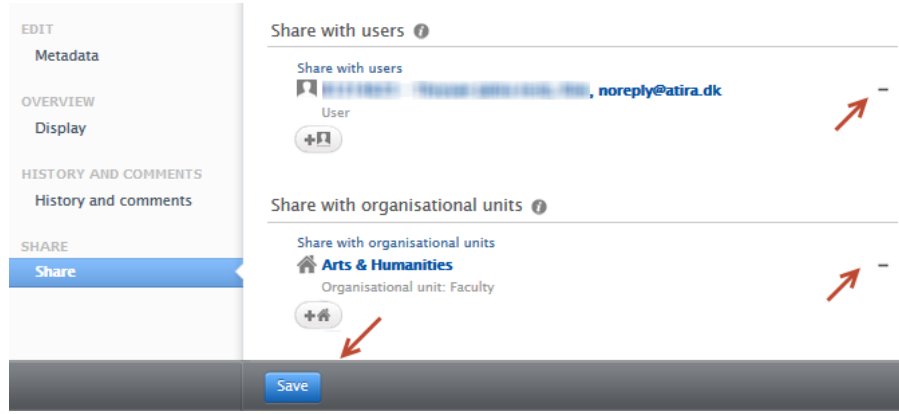
Share with organisational units ⓘ

Share with organisational units
 |

*Start entering the organisational unit name or type.
Search results will be updated while you type.*

3. Once entities have been selected, press **Save**. Entities can be removed from their respective lists by clicking the "-" button.

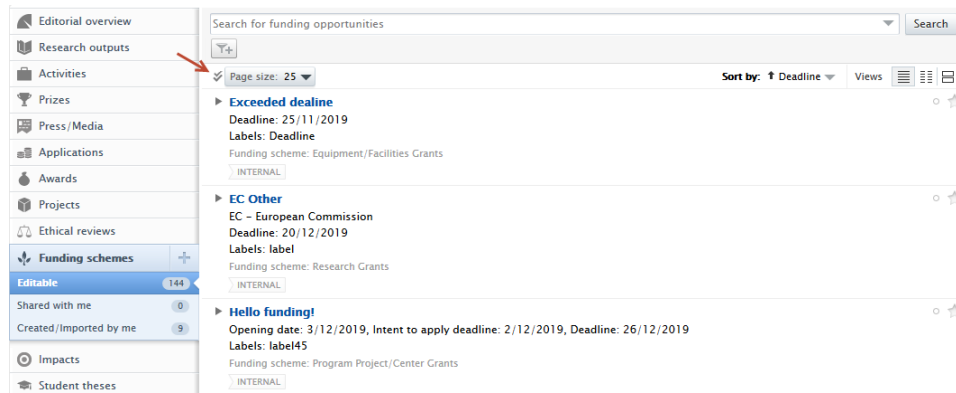
Once the opportunity has been shared users will receive notifications that the specific opportunity has been shared. For more information on notifications, please consult the [notifications section](#) in these release notes.



Bulk share of opportunities

Administrator of opportunities users can bulk share opportunities from the content list view by:

1. Clicking the multi-select button in the list view of opportunities



2. Once the appropriate opportunities to be shared have been selected, users must click **Bulk edit**

The screenshot shows a sidebar on the left with navigation options: Editorial overview, Research outputs, Activities, Prizes, Press/Media, Applications, Awards, Projects, Ethical reviews, Funding schemes, Editable (144), Shared with me (0), Created/Imported by me (9), Impacts, Student theses, and Facilities/Equipment. The main content area has a search bar for funding opportunities and a list of 147 results. Three items are selected, and a yellow bar at the top of the list contains the text '3 of 147 items selected. Select none or Cancel Bulk edit' with a red arrow pointing to the 'Bulk edit' button. The selected items are: 'Exceeded deadline' (Deadline: 25/11/2019), 'EC Other' (EC - European Commission, Deadline: 20/12/2019), and 'Hello funding!' (Opening date: 3/12/2019, Intent to apply deadline: 2/12/2019, Deadline: 26/12/2019).

3. Users must select **Share with users and organisations**, then **Next**.

The 'Bulk edit' dialog box has a progress bar with 'Action', 'Verify', and 'Receipt' steps. The 'Action' step is active. Below the progress bar, the text reads 'Select the action you want to perform'. There are three radio button options: 'Change visibility' (with a dropdown menu 'Select visibility...'), 'Share with users and organisations' (which is selected), and 'Delete content'. At the bottom right, there are 'Close' and 'Next' buttons.

4. Specific users and/or organisations can be searched for and selected, and once selected, users must click **Next**.

The 'Bulk edit' dialog box shows the 'Refine' step active in the progress bar. The text reads 'Select users and organisations to share opportunity with'. Under 'Share with users', there is a list of users with a minus sign icon to the right. One user is selected: 'noreply@atira.dk'. Below this is a '+M' button. Under 'Share with organisational units', there is a list of units with a minus sign icon to the right. One unit is selected: 'Arts & Humanities' (Organisational unit: Faculty). Below this is a '+A' button. At the bottom right, there are 'Back' and 'Next' buttons.

5. A confirmation screen will be presented, and users must select **Apply the changes** for the opportunities to be shared.

Bulk edit

Action > Refine > **Verify** > Receipt

Share with users and organisations

3 Funding schemes will be updated

Back Apply the changes

6. A receipt of action is provided, and users may download and check the log file of this bulk share action.

Bulk edit

Action > Refine > Verify > **Receipt**

The following content has been successfully updated

3 Funding schemes

Download log file of the bulk operation

Close

i When an opportunity has already been shared with a user, the summary number in the receipt will display a lower number than the count of selected opportunities

from the bulk share action. The log file will state that the opportunity has already been shared.

Rejection and re-sharing of opportunities

Opportunities that are shared with users either directly or via their organisation can be removed/rejected by users, typically when the opportunity is not relevant to their research interests. The list of users who have rejected a shared opportunity is provided in the Share tab of the opportunity, and is only visible to users with Administrator and Administrators of funding opportunities role .

Administrators of funding opportunities can reshare the opportunity with the user if required by clicking on **Reshare**.

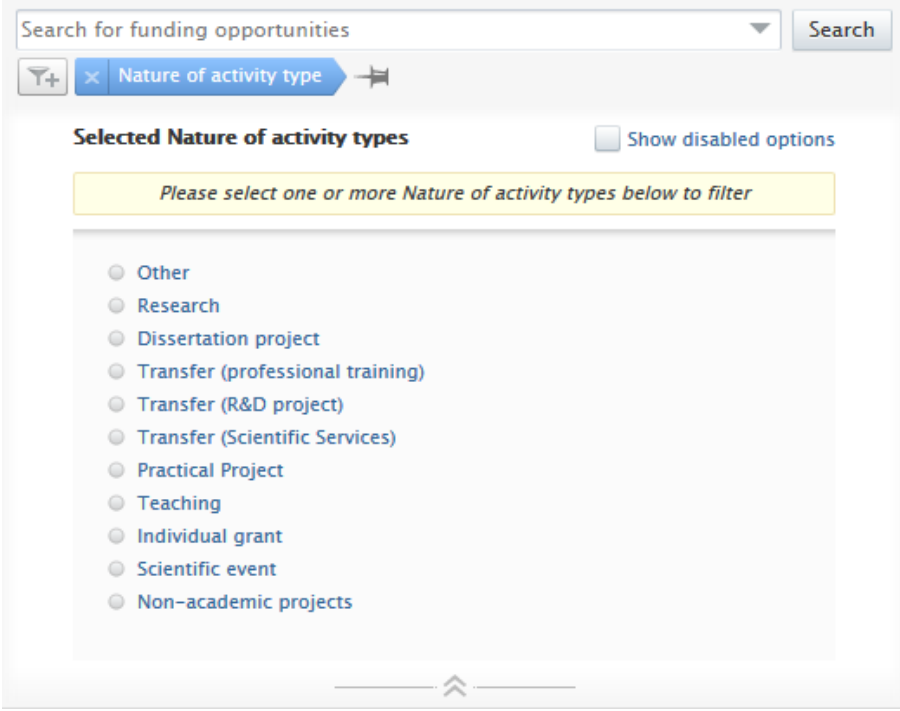
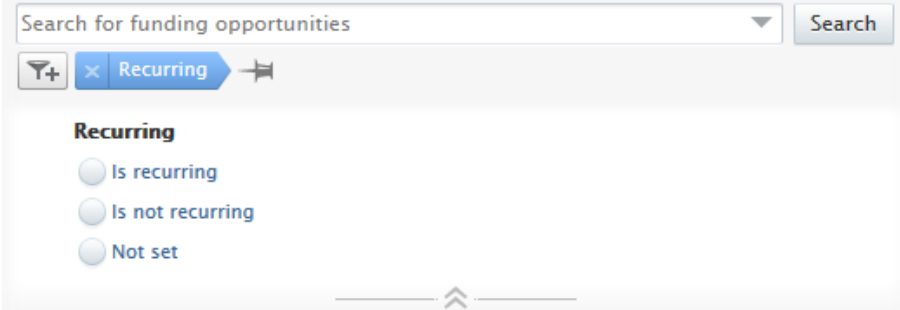
If Administrators of funding opportunities try to share with a user who has previously rejected the opportunity, a small notice to this effect is shown in the search result list.

The screenshot shows the 'Share' tab interface. On the left is a navigation menu with 'Share' selected. The main area is divided into three sections: 'Share with users', 'Share with organisational units', and 'Rejected shares'. The 'Share with users' section shows a user 'noreply@atira.dk' with a minus sign. The 'Share with organisational units' section shows 'Arts & Humanities' with a plus sign. The 'Rejected shares' section shows a user 'noreply@atira.dk' with a 'Reshare' button. A red arrow points to the 'Reshare' button. On the right, there are three yellow callout boxes: 'Share opportunity with specific users', 'Share opportunity with organisational units. All users with an active affiliation to those organisational units will have the opportunity shared', and 'List of users that have marked the opportunity as not relevant to them. The opportunity can be re-shared if desired'.

The screenshot shows the 'Share' tab interface with a search for a user. The 'Share with users' section shows a search bar with 'noreply@atira.dk' entered. A dropdown menu is open, showing a search result for 'noreply@atira.dk' with a red arrow pointing to a message that says 'User has previously rejected share'. The 'Rejected shares' section shows a user 'noreply@atira.dk' with a 'Reshare' button.

1.3.2.7. 3.2.7. Filter updates

Filters on content view screens have been updated to account for model and feature extensions. The following filters have been added:

Information	Screenshot
Nature of activity type	
Recurring opportunity	

Shared with

The *Shared with* organisations and users filters are new in both form and function. The *Shared with* filters are the first of our *compound limit filters* whereby a limit option is selected first, and can be extended by selecting specific entities. For example, if a user wants to limit the list of opportunities to those that were NOT shared with an entity, they can select *Not shared with organisations/users*, and then search for and select the specific entities. A simpler use case would be a user wanting to filter all opportunities that have NOT been shared with any entities. This can be achieved by only selecting *Not shared with organisations/users*.

The new *compound limit filters* will, over time, replace the typical pair filters wherein two filters are necessary for the same action.

Search for funding opportunities [Search]

+ x Shared with organisations

Limit options

- Not shared with organisations
- Shared with organisations

Limit to specific organisations

Please select one or more organisations to start limiting

[Search]

Start entering the organisational unit name or type.
Search results will be updated while you type.

Search for funding opportunities [Search]

+ x Shared with users

Limit options

- Not shared with users
- Shared with users

Limit to specific users

Please select one or more users to start limiting

[Search]

Start typing to begin the search.
Search results will be updated while you type.

Deadlines

The deadline filter has been extended to allow for a more fine-grained approach to selecting opportunities with specific or no specified deadlines, including within preset or specific time ranges.

Search for funding opportunities [Search]

+ x Deadline [Reset filter]

Deadline

- Include funding opportunities with no deadline specified
- All
- Past deadlines
- Future deadlines
 - Within next week
- Within specific range

Created by user

This filter allows users to search for opportunities created by specific users.

The screenshot shows a search interface for funding opportunities. At the top, there is a search bar with the text "Search for funding opportunities" and a "Search" button. Below the search bar, there is a filter section with a plus icon and a minus icon. The filter is currently set to "Created by users". Below the filter, there is a section titled "Selected users" with three entries, each with a checkmark and an 'x' icon to its right:

- ✓ [redacted] noreply@atira.dk
- ✓ root, noreply@atira.dk
- ✓ atira, noreply@atira.dk

Below the list of selected users, there is a search input field with a magnifying glass icon. Below the input field, there is a message: "Start typing to begin the search. Search results will be updated while you type." At the bottom of the filter section, there is a double-up arrow icon.

1.3.2.8. 3.2.8. Personal users and opportunities

All users in Pure will have access to all (non-visibility limited) opportunities if their institution is subscribed to the funding opportunity module.

Information	Screenshot
-------------	------------

Navigating to list of funding opportunities

For users with the Personal User Overview enabled, any opportunities shared with or created by the user will appear in the project/application /funding opportunity overview.



Only users with access to the new personal user overview can access quick links to shared opportunities in their personal overview.

Example of funding opportunities in project inventory (with projects in timeline)

Projects



Awards (3)

Running

€0.00

Projects (8)

Active

8

Funding opportunities (1)

Shared with me

1



Example of funding opportunities in inventory (with no projects)

Funding opportunities

Funding opportunities (1)

Shared with me

1

Default filters when viewing funding opportunities

The default filters in content list view for personal users include the **Deadline** filter and either the **My content** or **Shared with users** filter, depending if personal users can modify funding opportunities. The **Deadline** filter serves to filter opportunities that have a deadline in the future, and include opportunities with no deadline specified. The **Shared with users** filter is pre-configured to filter opportunities shared with that specific user, and the **My content** filter is pre-configured to only show opportunities that are editable by the user.

Example view with default filters

The screenshot shows the 'Award management' interface. The top navigation bar includes 'Editor', 'Reporting', 'Personal', 'REF2021', and 'Award management'. The left sidebar lists various categories, with 'Funding opportunities' selected. Under 'Funding opportunities', the 'Editable' filter is active, showing 144 results. The main content area displays a search bar and a filter bar with 'My content' and 'Deadline' filters. Below the search bar, there are 144 results. The first result is 'All fields (except limited applications)' with a deadline of 2 Jan 2021. The second result is 'Test opportunity' with a deadline of 5 Nov 2020. Red arrows point to the 'My content' and 'Deadline' filters, and the 'Editable' filter in the sidebar.

The screenshot shows the 'Award management' interface. The top navigation bar includes 'Personal overview', 'Research outputs', 'Activities', 'Prizes', 'Press/Media', 'Applications', 'Awards', 'Projects', 'Ethical reviews', and 'Funding opportunities'. Under 'Funding opportunities', the 'Shared with me' filter is active, showing 1 result. The main content area displays a search bar and a filter bar with 'Deadline' and 'Shared with users' filters. Below the search bar, there is 1 result. The result is 'Test opportunity' with a deadline of 5 Nov 2020. Red arrows point to the 'Deadline' and 'Shared with users' filters, and the 'Shared with me' filter in the sidebar.

Viewing all opportunities in Pure

By removing **all filters**, personal users will be able to view all opportunities within Pure, unless they are visibility-limited to Confidential.

The screenshot shows the 'Award management' interface. The top navigation bar includes 'Personal overview', 'Research outputs', 'Activities', 'Prizes', 'Press/Media', 'Applications', 'Awards', 'Projects', 'Ethical reviews', and 'Funding opportunities'. Under 'Funding opportunities', the 'Deadline' filter is active, showing 143 results. The main content area displays a search bar and a filter bar with the 'Deadline' filter. Below the search bar, there are 143 results. The first result is 'ALL all fields filled out' with a deadline of 16 Dec 2021. The second result is 'Multifunder' with a deadline of Unknown. Red arrows point to the 'Deadline' filter in the sidebar.

Viewing shared opportunities

Any opportunities that are shared directly with the user or indirectly via their organisation, will show in the pre-configured **Shared with me**, or **Shared with my organisation** filters. The Shared with my organisation filter will only show active affiliations. Confidential opportunities will only be visible to users if they have been shared with the specific users.

Personal overview
Research outputs
Activities
Prizes
Press/Media
Applications
Awards
Projects
Ethical reviews
Funding opportunities
Shared with me 1
Shared with my organisation 0
Created/Imported by me 0
Impacts
Student theses
Facilities/Equipment
Curricula Vitae

Search for funding opportunities Search

Y+ x Deadline

143 results Sort by: ↑ Award ceiling

ALL all fields filled out
FEES REMITTED (STAFF) | Unknown
Something something ipsum moleksus prolu
clopak nunc hibendum est iacta et alia ploria
Show more...
Nature of activity types: Research
Labels: Limited
Deadline: 16 Dec 2021
Award ceiling: 10,000 GBP
Opening date: 25 Nov 2019
Deadline for letter of interest: 1 Dec 2021
Funding number: 654
Limited submission

Multifunder
Award ceiling: 10,000
Deadline for letter of interest: 10 Dec 2019

Not relevant - remove from my list

Removing (rejecting) shared opportunities

Users can remove shared opportunities from their shared with me lists by clicking on the *Not relevant - remove from my list* button under each opportunity that was shared with them. If viewing all opportunities, only those that are shared with the user can be removed/rejected.

Personal overview
Research outputs
Activities
Prizes
Press/Media
Applications
Awards
Projects
Ethical reviews
Funding opportunities
Shared with me 2
Shared with my organisation 0
Created/Imported by me 0
Impacts
Student theses
Facilities/Equipment
Curricula Vitae

Search for funding opportunities Search

Y+ x Deadline

143 results Sort by: ↑ Award ceiling

ALL all fields filled out
FEES REMITTED (STAFF) | Unknown
Something something ipsum moleksus prolu
clopak nunc hibendum est iacta et alia ploria
Show more...
Nature of activity types: Research
Labels: Limited
Deadline: 16 Dec 2021
Award ceiling: 10,000 GBP
Opening date: 25 Nov 2019
Deadline for letter of interest: 1 Dec 2021
Funding number: 654
Limited submission

Not relevant - remove from my list

Multifunder
Award ceiling: 10,000
Deadline for letter of interest: 10 Dec 2019

All fields (except limited applications)
EU - European Union, Research England |
Award ceiling: 10,000 GBP

1.3.2.9. 3.2.9. Notifications related to funding opportunities

Sharing

Each user with which an opportunity is shared, either directly or via their organisation, will receive a notification that the opportunity has been shared with them.

Information	Screenshot
-------------	------------

For each type of share (direct or via organisation), the user will receive a notification. Users can click on the link(s) to be taken either directly to the opportunity or the list of opportunities (if more than one opportunity is shared). For opportunities shared via organisation, only users with active affiliations will receive the shared opportunity, and notification.

Note: Users must have logged in to Pure to receive these notifications.

Notifications

2 hours ago



[atira](#) created new content in the workflow step *draft proposal*:

[Test application 1](#)

Edit

12 days ago



[atira](#) shared 1 funding scheme with your organisation:

[View all funding opportunities shared with my organisation\(s\)](#)

Got it!

15 days ago



[atira](#) shared a funding scheme with you:

[EC Other](#)

Got it!

Users can manage their notifications via **Message settings** in their user profile. By default, users will not receive opportunities shared with their organisation but can select the appropriate box if they choose to receive them.

Gary Painter, k1197800
User profile

Profile
Email settings
Message settings
Task settings
Trusted users

Message settings

Include the following messages in "My messages".

Pure message	Included
Activity - Author association changes	<input checked="" type="checkbox"/> Include
▶ Application - Multiple messages	All messages
Award - Author association changes	<input checked="" type="checkbox"/> Include
▶ Ethical review - Multiple messages	All messages
Facility/Equipment - Author association changes	<input checked="" type="checkbox"/> Include
▼ Funding scheme	
Notification	
<input checked="" type="checkbox"/> Comment added	
<input checked="" type="checkbox"/> Funding opportunity shared with you	
<input checked="" type="checkbox"/> Funding opportunity shared with your organisation	
Message - System messages	<input checked="" type="checkbox"/> Include
Person - Comment added	<input checked="" type="checkbox"/> Include
Press/Media - Newsflo content created	<input checked="" type="checkbox"/> Include
Prize - Author association changes	<input checked="" type="checkbox"/> Include
Project - Author association changes	<input checked="" type="checkbox"/> Include
Research output - Author association changes	<input checked="" type="checkbox"/> Include
▶ Student thesis - Multiple messages	All messages

Updates to funding opportunities

If important fields are changed in an opportunity, certain users, depending on the field and if any related content, will receive a notification.

Information	Screenshot
Deadline change	

As introduced in 5.16, but repeated here for reminder purposes:

Deadline changes on opportunity and effects on related applications

If a deadline is changed, a notice is added to related content in multiple places stating that the deadline of the related opportunity differs from the related content. In the list view, the date and time of the change is provided in the notice. The notice can be dismissed if required.

Note: A notification will only be sent to applicants on applications if the application has not been marked as sent to funder.

The date and time of the new deadline is also shown in the content editor view and edit screens.

The screenshot displays a web application interface for managing applications. On the left, a sidebar menu includes 'Editorial overview', 'Research outputs', 'Activities', 'Prizes', 'Press/Media', and 'Applications'. The 'Applications' section is expanded to show 'Editable' (24279) and 'My applications' (0), 'Ongoing' (1370), 'Awarded' (9094), 'Unsuccessful' (13848), 'Aborted' (4), and 'Application approval route'. The main content area shows a list of applications. The first application, 'Test application 1', has a title 'CENTRE EUROPEEN DE RECHERCHE EN BIOLOGIE ET MEDECINE (CERBM-GIE): £100,000.00' and a deadline of '30/11/2020'. A yellow notification bar below the title reads 'Inconsistent submission deadline dates' with a timestamp '31/12/19 12:42'. A red arrow points to this notification. Below the notification, a 'DRAFT PROPOSAL' button is visible. The second application, 'Test application 2', has a title 'FONDAZIONE M. TETTAMANTI E MENOTTIDE MARCHI ONLUS: £10,000.00' and a deadline of '30/11/2020'. Below the application list, a detailed view for 'Test application 1' is shown. It includes sections for 'Identification' (Title: Test application 1), 'Funding scheme' (Test opportunity, Research Grants), 'Submission deadline' (Deadline: 30/11/2020, Later than funding opportunity (5/11/2020)), 'Life cycle', 'Classifications', and 'Application type'. A red arrow points to the 'Later than funding opportunity' warning. Below this, the 'EDIT' section is visible, with 'Metadata' selected. The 'Submission deadline' field is highlighted with a red arrow, showing the date '30/11/2020' and the warning 'Later than funding opportunity (5/11/2020)'. The 'Funder status' section includes a 'Date submitted' field with an example of '21/10/2002' and a 'Funder reply' field.

Notifications on related applications

Specific criteria will trigger a notification being sent to users if the **deadline on an opportunity is changed**.



Applicants and submitters will not receive notifications since they can only create and not modify applications. The user making the changes to the deadlines will also not receive any notifications.

1. When editing funding opportunity deadline

IF application related to opportunity

AND application not sent to funder (Awarded/Rejected/Pending)

AND application deadline missing or different deadline to new opportunity deadline

AND deadline in the future

WHEN workflow is:

- Standard
 - AND validated
 - THEN notification of opportunity deadline change sent to Validators
 - OR not validated
 - THEN notification of opportunity deadline change sent to Editors, Assisting editors and Validators
- Customer defined
 - THEN notification sent to Editors, Assisting editor and checking/Approving editors in current step
- Disabled
 - THEN notification sent to Editors and Assisting editors

2. When creating new or editing existing application

IF adding or replacing opportunity OR changing application deadline

AND application not sent to funder (Awarded/Rejected/Pending)

AND application deadline missing or different deadline to opportunity deadline

AND deadline in the future

WHEN workflow is:

- Standard
 - AND validated
 - THEN notification of opportunity deadline change sent to Validators
 - OR not validated
 - THEN notification of opportunity deadline change sent to Editors, Assisting editors and Validators
- Customer defined
 - THEN notification sent to Editors, Assisting editor and checking/Approving editors in current step
- Disabled
 - THEN notification sent to Editors and Assisting editors

1.3.2.10. 3.2.10. Web service and Funding opportunities

The Web service has been extended to cover the new and extended fields in funding opportunities.

New:

- natureTypes
- academicLabels
- labels
- descriptionOfApplicationProcess
- urlToApplicationSite
- emailAddressForApplication
- recurring
- associatedApplicationCount
- visibility
- confidential

Changes:

- fundingOrganisation is now List<fundingOrganisations>

1.4. 4. Pure Core: Web services

1.4.1. 4.1. Pure Changes Endpoints update

The changes endpoint will no longer expose UPDATE events for content that is saved in Pure but with no field modifications or other changes. This was done in an effort to reduce the amount of noise coming through the endpoint. You can now trust that if you get an UPDATE entry for a piece of content, that content will have changes to its data.

This change will affect the changes endpoints across all the available API's in Pure when upgrading to 5.17.X.

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1.4.2. 4.2. Pure write API in early access

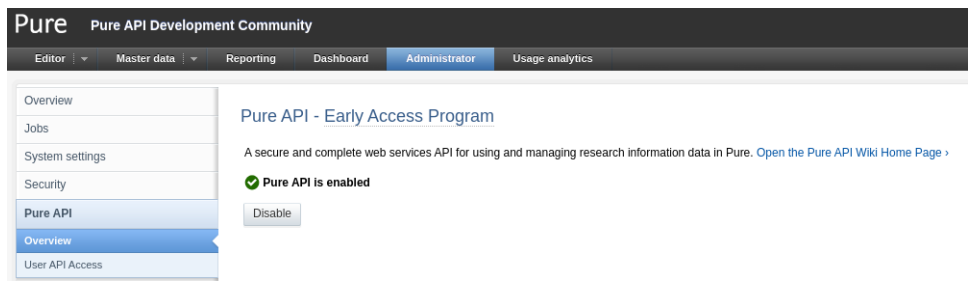
The new Pure API will provide a backwards-compatible fully featured web services API for using and managing research information in Pure. As part of 5.17 we're releasing an early access version of the external organizations endpoint that all Pure customers can enable.

The Pure write API is an evolution of the existing REST web services, to support a backward-compatible read and write REST JSON endpoint for using and managing research information data in Pure.

In order to achieve these objectives, we've made a number of changes to how the web service endpoints are structured and the format of the managed entities in the new API.

- The endpoints for an entity are structured so it is clear where you can expect REST or RPC semantics - this should make it easy for developers to interact with the API with a minimal upfront time investment
- The entity format is optimized in regards to JSON data modeling best practices and with an expectation of the model evolving in a backward-compatible manner in the future
- The API specification is defined and published as an [OpenAPI 3](#) specification enabling service users to quickly generate a client while at the same time providing developers with useful documentation on the API and its semantics
- The entity API includes a number of helper operations that return the allowed values for the different parts of the entity model where this is relevant - this should make it easy for developers to submit valid changes to the write portions of the API
- All modification requests are made on behalf of a specified Pure user and clearly audit logged with both user and API key details
- As we expect the API to be able to support older clients updating against a newer version of the API all PUT requests have [JSON merge patch](#) semantics - this ensures that older clients do not inadvertently clear new properties that they don't know about

When the module has been successfully enabled a Swagger UI representation of the OpenAPI 3 specification will be available at <https://{your Pure hostname}/ws/api/api-docs/index.html?url=/ws/api/openapi.yaml> alternatively the latest API on the development community sandbox server can be found [here](#). A sample Java client that can be used as a starting point for developing a client can be found [here](#).

Information	Screenshot
<p>The early access Pure API can be enabled in the Pure administrator section.</p> <p>Please note that enabling or disabling the Pure API module requires a restart of Pure in order to take effect.</p>	 <p>The screenshot shows the 'Pure API Development Community' administrator interface. The 'Pure API' section is highlighted in the left sidebar. The main content area shows 'Pure API - Early Access Program' with a status indicator 'Pure API is enabled' and a 'Disable' button. A link to 'Open the Pure API Wiki Home Page' is also visible.</p>
<p>All use of the new external-organizations endpoint requires an API key that is generated in the "User API Access" section of the "Pure API" administrator pages.</p> <p>The main difference from the existing web service API keys is that the new Pure write API requires a user that the system using the API key will act on behalf of.</p>	

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1.5. 5. Integrations

1.5.1. 5.1. Award and Application synchronization changes to cost center on budget lines

An issue has been discovered in the Award and Application synchronizations where they did not use the correct classification schema for cost center on budget lines.

Before 5.17 the synchronizations, incorrectly, transferred the budget line cost center as a classification in the "Unified Project Model: organization cost center types" (/dk/atira/pure/upm/costcenter) schema. The correct classification scheme is "Unified Project Model: Types of cost center keywords on budget lines" (/dk/atira/pure/upm/costcenterkeywords), which the editor also uses.

From 5.17.0 the synchronizations will use the correct schema. This means that, where possible, the synchronization will correct the synchronized cost center value of all awards and applications managed by the synchronization. If you have this synchronization please make sure to evaluate the job log after upgrading as missing cost center classification values will generate an error in the synchronization job. The missing cost center values must be added to the "Unified Project Model: Types of cost center keywords on budget lines" schema (/dk/atira/pure/upm/costcenterkeywords).

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1.5.2. 5.2. Integration with FECYT

With this release, we are very happy to introduce the integration with FECyT, The Spanish Foundation for Science and Technology, for the generation of Curriculum Vitae in a standardized format, CVN (Curriculum Vita Normalizado). With the CVN format and language, researchers belonging to Spanish institutions can complete their CV in their institution's Pure once and when completed, a PDF file is generated containing all their CV information.

Through this integration researchers can also generate their CVs in an abbreviated format, CVA, in which they can include selected recent and most relevant research activities.



If you wish to enable the integration with FECyT, please submit a ticket with this request to Jira.

To allow the use, and creation of, CVN and CVA format CVs, Administrators need to follow the instructions below.

Information	Screenshot
-------------	------------

In **Administrator > Curricula Vitae > FECYT** Configuration, set up the FECyT configuration.

Select your root organization, i.e. the employing entity.

A file containing the mapping between Pure classifications and FECyT codes is required. A default mapping file is already included and can be downloaded and visualized by clicking on the **Download current mapping file** button. If a different mapping is required for your institution, it is possible to upload a new or updated mapping file. Once the new mapping file has been uploaded you must save the new configuration.

The screenshot shows the 'FECYT configuration' page. On the left, a sidebar menu includes 'Curricula Vitae', 'Curriculum vitae types', 'Module configuration', and 'FECYT configuration' (which is highlighted). The main content area is titled 'FECYT configuration' and contains the following sections:

- Employing organisation ***: 'Uni' (Organisational unit: University). Below it, a 'uni' logo and the text 'Employing entity, this is usually the root organisation'.
- Mapping file**: A section with a sub-header 'XML Mapping file containing mapping between Pure classifications and FECYT codes. A default mapping file is available, it can be downloaded for editing and re-uploaded here. The configuration must be saved after uploading a new file.' Below this is a 'Download current mapping file' button and a dashed box containing a cloud icon and the text 'Drag file or browse your computer.' At the bottom of this section is a 'Save configuration' button.

Once the configuration has been saved, FECyT can be enabled in **Administrator > Curricula Vitae > Curriculum vitae types**.

The screenshot shows the 'Curriculum vitae types' configuration page. The sidebar menu on the left includes 'Curricula Vitae', 'Curriculum vitae types' (highlighted), 'Module configuration', and 'FECYT configuration'. The main content area is titled 'Curriculum vitae types' and displays a list of CV types with their status (Enabled/Disabled) and a 'Disable' button:

- Pure** (Public CV): Enabled. The public CV is used for presentation on the public portal. Once the CV is published it is available on the Pure Portal. It is only possible to have one of these CVs.
- Pure** (Private CV): Enabled. The private CV can be used to export your selected data from Pure to PDF and Word. The CV is only visible for you, for CV editors related to you and for administrators.
- National Institutes of Health** (NIH Biosketch CV): Disabled. The NIH Biosketch CV can be printed on a NIH-Biosketch template or the content can be transferred to your SciENCV profile. It is only possible to have one of these CVs, if you update your NIH-Biosketch template to transfer the updates to your SciENCV.
- Canadian Common CV**: Disabled. The Canadian Common CV can be exported to an XML format that can be imported and processed on <https://civ-cv1.ca>. The import is located in the utilities menu after you are logged in.
- Europe** (Europass CV): Disabled. Once you have selected all desired content, you can send this CV to the Europass site (by selecting the logo at the bottom of the screen) to generate it in the Europass format, and to add additional content not available from Pure (e.g. attachments).
- Well-Cornell Medicine** (Well-Cornell Medical College CV form): Disabled. This CV template can be used to export your selected data from Pure to Word, where additional content not held in Pure can be input. When exported to Word, the format will reflect that of the WCMC template. Note: It is only possible to have one of these CVs.
- FECYT** (FECYT CVs): Enabled. The FECYT CV can be created either as a CVR (standardized) or a CMA (abbreviated). You request a FECYT CV by filling out the form and clicking 'Send to FECYT' at the bottom of the screen. When the CV has been generated you can download it by clicking the 'Get PDF' button. A red arrow points to the 'Disable' button for this type.

To generate your CVN or CVA go to **Editor > Curricula Vitae** and select **FECyT CVs**.

Curriculum Vitae

- Public CV**: The public CV is used for presentation on the public portal. Once the CV is published it is available on the Pure Portal. It is only possible to have one...
- Private CV**: The private CV can be used to export your selected data from Pure to PDF and Word. The CV is only visible for you, for CV editors related to you...
- Canadian Common CV**: The Canadian Common CV can be exported to an XML format that can be imported and processed on <https://ccv-cvc.ca>. The import is...
- Europass CV**: Once you have selected all desired content, you can send this CV to the Europass site (by selecting the logo at the bottom of the screen) to...
- FECyT CVs**: The FECyT CV can be created either as a CVN (standardized) or a CVA (abbreviated). You request a FECyT CV by filling out the form and clicking...

If you are an Administrator or CV Editor, select the name of the person you want to generate the CV for.

Choose the owner of this curriculum vitae

Search bar: [magnifying glass icon]

No results found

Search help

- o *Check spelling*
- o *? can replace one character: grap? finds graph and grape*
- o ** can replace one or more characters: graph* finds graphene, graphics*
- o *"" enclosing text searches for the exact phrase, e.g. "bar graphs"*

Select the type of CV to be generated; either CVN (standardized) or CVA (abbreviated), and select the language in which you want to generate the CV.

Curriculum Vitae Normalizado - FECYT

Choose CV type

- CVN (Curriculum Vitae Standard)
- CVA (Curriculum Vitae Abbreviated)

CHOOSE LANGUAGE FOR CV

[Language dropdown menu]

SELECT TYPE OF ID (OPTIONAL)

[ID type dropdown menu]

ENTER ID NUMBER OF THE SELECTED ID TYPE

[ID number input field]

Send to FECYT

It is also possible to insert a personal ID and ID number. The following personal IDs are supported:

- National identity card number (DNI)
- Foreign Resident Identification Number (NIE)
- Passport number

Once the form has been filled in, the CV can be created by clicking on the button 'Send to FECyT'. A request is then sent to FECyT, where the CV is compiled based on data from Pure. Once the CV has been created, it can be downloaded in pdf format.

CV data is ready

The request for the generation of a CV was completed at FECyT.

[Get PDF](#)

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1.5.3. 5.3. DataSearch name update

The DataSearch functionality has now been renamed Data Monitor. The functionality in Pure remains unchanged, and is described in this [pdf](#) and in the [5.16.3 release notes](#).

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1.5.4. 5.4. ResearcherID support for WoS

In release 5.17.0 we have improved the self import from Web of Science (and Web of Science Lite). It is now possible for researchers and researcher managers to search for content using their ResearcherID.

In Editor > Research Outputs > Import from online source > Web of Science, search for content using ResearcherID as author ID.

Web of Science



Import from Web of Science

Publication title, ID, DOI or ISBN in Web of Science

Search

Author's last name and initials

Example: smith, b

Author IDs

Author IDs, eg. ResearcherID and ORCID

Publication year

From -- To

Organisational unit name in Web of Science



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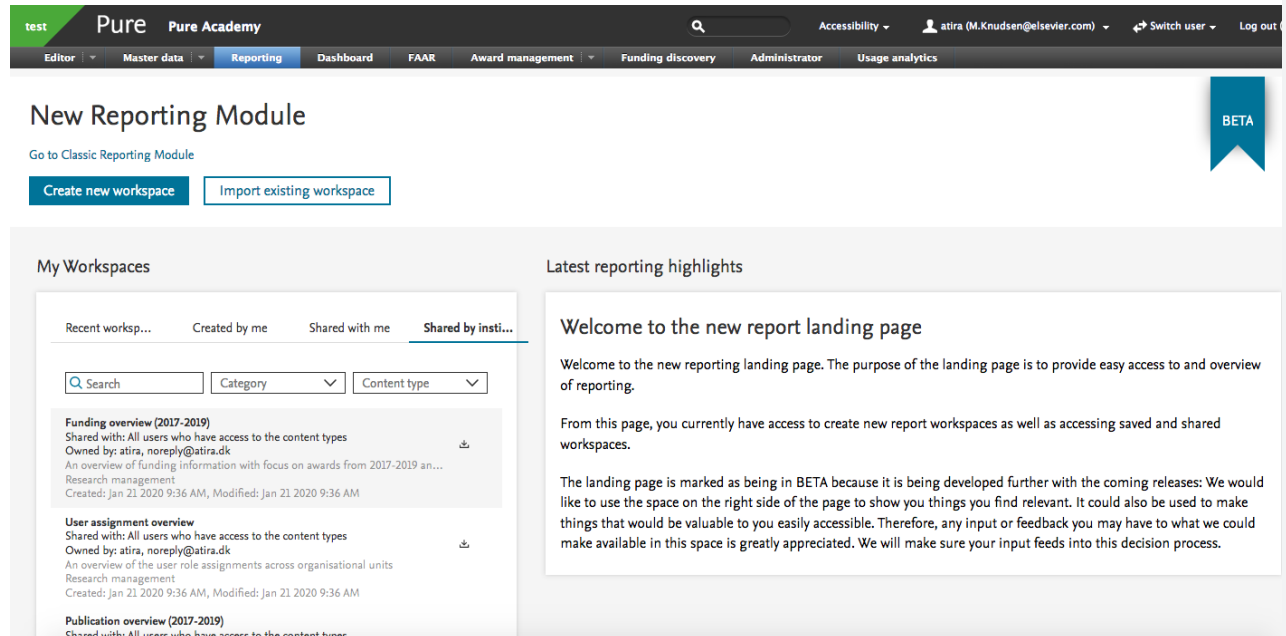
1.6. 6. Report Module

1.6.1. 6.1. Reporting landing page

A new starting page for the report module has been introduced. The purpose of the landing page is to provide easier access to reporting functionality and reports. The new landing page also gives users access to reporting, without having access to other content in Pure. The new starting page also provides Pure a space where future versions can display various aspects of the report module.

The reporting landing page is a work in progress. Over the next coming releases we will continue working on the design and functionality of the page, and look forward to hearing your feedback.

The landing page is located in the top menu bar and is available for all users with access to the new reporting module.



test Pure Pure Academy

Editor Master data Reporting Dashboard FAAR Award management Funding discovery Administrator Usage analytics

Accessibility atira (M.Knudsen@elsevier.com) Switch user Log out

New Reporting Module

Go to Classic Reporting Module

Create new workspace Import existing workspace

My Workspaces

Recent worksp... Created by me Shared with me Shared by insti...

Search Category Content type

Funding overview (2017-2019)
Shared with: All users who have access to the content types
Owned by: atira, noreply@atira.dk
An overview of funding information with focus on awards from 2017-2019 an...
Research management
Created: Jan 21 2020 9:36 AM, Modified: Jan 21 2020 9:36 AM

User assignment overview
Shared with: All users who have access to the content types
Owned by: atira, noreply@atira.dk
An overview of the user role assignments across organisational units
Research management
Created: Jan 21 2020 9:36 AM, Modified: Jan 21 2020 9:36 AM

Publication overview (2017-2019)
Shared with: All users who have access to the content types

Latest reporting highlights

Welcome to the new report landing page

Welcome to the new reporting landing page. The purpose of the landing page is to provide easy access to and overview of reporting.

From this page, you currently have access to create new report workspaces as well as accessing saved and shared workspaces.

The landing page is marked as being in BETA because it is being developed further with the coming releases: We would like to use the space on the right side of the page to show you things you find relevant. It could also be used to make things that would be valuable to you easily accessible. Therefore, any input or feedback you may have to what we could make available in this space is greatly appreciated. We will make sure your input feeds into this decision process.

On the landing page you will have access to your saved report definitions as well as being able to create new report definitions. A link back to the classic report module is also provided to minimise disruptions to your workflow.

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1.6.2. 6.2. Multiple data tables in Report Workspace

When creating data tables that contains information on many different content types, you can easily lose sight on the different elements. In order to better structure your data, it is now possible to add multiple data tables to your report workspace.

Information

Additional data tables can be added, deleted and renamed in the at the bottom of the report workspace.

Screenshot

Publication overview (2017-2019) Pure Academy

Value Filter Split

Research outputs

Year	A	B	C	D
Title	Year	Current publication	Type	Publication status
				In preparation
1	Medborgerskab, velfærdsstat og demokrati	2017 Published	Chapter	0
2	The undeserving poor in China: The institutional...	2017 Published	Article	0
3	Acculturation and personal experiences: Investig...	2017 Published	Other	0
4	Trusting diversity: How nationalist and multicult...	2017 Published	Other	0
5	Republikaneren, multikulturalisten og de to nati...	2017 Published	Other	0
6	New trajectories of unionisation in the Nordic G...	2017 Published	Article	0
7	The welfare state in flux: Individual responsibility...	2017 Published	Chapter	0
8	Do Shared Values Promote Social Cohesion? If s...	2017 Published	Article	0
9	Scandinavian exceptionalism? Civic integration a...	2017 Published	Article	0
10	Bringing Different States in	2017 Published	Article	0
11	The Marketization of Employment Services - The...	2017 Published	Book	0

Data table (1) | 29 | 29 | Add data table | Data story 4 | Settings | Help and support

Use this tab to select and change the data that fills this column.
Select or add a column to activate the Value tab.

Publication overview (2017-2019) Pure Academy

Value Filter Split

Research outputs

Year	A	B	C	D
Title	Year	Current publication status	Type	Publication status
				In preparation
1	Medborgerskab, velfærdsstat og demokrati	2017 Published	Chapter	0
2	The undeserving poor in China: The institutional...	2017 Published	Article	0
3	Acculturation and personal experiences: Investig...	2017 Published	Other	0
4	Trusting diversity: How nationalist and multicult...	2017 Published	Other	0
5	Republikaneren, multikulturalisten og de to nati...	2017 Published	Other	0
6	New trajectories of unionisation in the Nordic G...	2017 Published	Article	0
7	The welfare state in flux: Individual responsibility...	2017 Published	Chapter	0
8	Do Shared Values Promote Social Cohesion? If s...	2017 Published	Article	0
9	Scandinavian exceptionalism? Civic integration a...	2017 Published	Article	0
10	Bringing Different States in	2017 Published	Article	0
11	The Marketization of Employment Services - The...	2017 Published	Book	0

Table on RO 29 | 29 | Add data table | Data story 4 | Settings | Help and support

Use this tab to select and change the data that fills this column.
Select or add a column to activate the Value tab.

Renamed data tables will be reflected in the data story, when selecting Dimensions and Measures. This provides a better overview for selecting correct values.



The individual layout can only contain dimension and measures from the same data table, but when adding multiple layouts to your data story, data from different data tables can be used.

Save Save as Share Export

Value Filter Format

Outputs in period

Publication status and workflow

Table on RO

- Dimensions
 - Publisher (A)
 - Year (J)
 - Publication category (K)
 - ASJC Scopus subject areas (M)
 - Journal (N)
 - Peer-reviewed (P)
 - Type (V)
 - Title (W)
 - Current publication status (X)
- Measures
 - Publication status (C - F)
 - #Outputs (L)
 - SNIP (Gens.) (R)
 - Scopus citations (Sum) (U)
 - Workflow (Y)
- Table on Person
 - Dimensions
 - Scopus Author ID (B)
 - Organisational unit name (C)
 - Name (D)
 - Measures
 - Number of organisational units (A)

Table on RO 29 | 29 | Table on Person 9 | 5 | Add data table | Data story 4 | Settings | Help and support

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1.6.3. 6.3. Updates to filters

With this release we've updated how filters are applied in the new reporting module. Filters and filter locations have been optimised to provide a better overview, allow the addition of more than one filter at a time, and are easier to use.

Other improvements are described here, and shown in the screenshots below.

Filter grouping and behaviour

We've grouped the 'Add filter' and the 'Active filters' tabs into a new tab called 'Filters'. Once filters have been added and/or changed, an **Apply Filters** button will appear. Any changes will only be observable after clicking the button, making it easier to make all desired changes needed for the report without providing unnecessary results and reducing load time in the reporting module.

The image displays two screenshots of a software interface for managing filters. The top screenshot shows the 'Filters' tab selected, with a dropdown menu open for '+ Add filter'. The menu lists various filter categories: Featured, Type, Information, Status, Contributors and affiliations, Managed by, Assessment, Metrics, Keywords, Fingerprint, Visibility, Workflow, and Advanced. The bottom screenshot shows the same interface with the search bar containing 'contri' and a list of filtered results under 'Contributors and affiliations', including 'Contributors', 'Persons', 'External persons', 'Organisations', and 'External organisations'. The 'Apply Filters' button is visible at the bottom of the filter panel.

Filters Saved filters

+ Add filter

Search for filters

- ▶ Featured
- ▶ Type
- ▶ Information
- ▶ Status
- ▶ Contributors and affiliations
- ▶ Managed by
- ▶ Assessment
- ▶ Metrics
- ▶ Keywords
- ▶ Fingerprint
- ▶ Visibility
- ▶ Workflow
- ▶ Advanced

save active filters.
plied to this column. Try to
n the "Add filter" tab.

Value FILTER Split

COLUMN (A)

RESEARCH OUTPUTS (A)

FILTERS Saved filters

+ Add filter Save filters

Disable advanced filters

▶ Has associated metric

And ▾

▼ Selected research outputs

Type here to search

Apply Filters

Save Save as Share Export ▾ Value FILTER Split

COLUMN (A)

RESEARCH OUTPUTS (A)

FILTERS Saved filters

+ Add filter Save filters

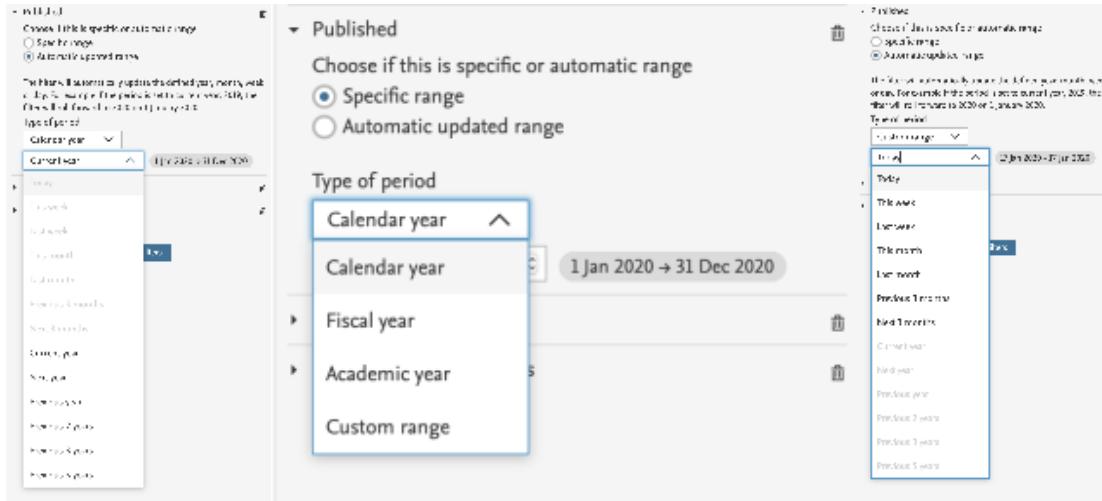
contri

- ▼ Contributors and affiliations
 - ▼ Contributors
 - First contributor
 - Has corresponding author
 - Last contributor
 - ▼ Persons
 - Person
 - ▼ External persons
 - Country collaboration: Has contributing external person(s) from these
 - Country collaboration: Has contributing external person(s) whose orga
 - ▼ Organisations
 - Organisational unit
 - ▼ External organisations
 - External organisation
 - Total number of contributors

Period filters

With this release the period filter have been completely redesigned to allow much greater flexibility.

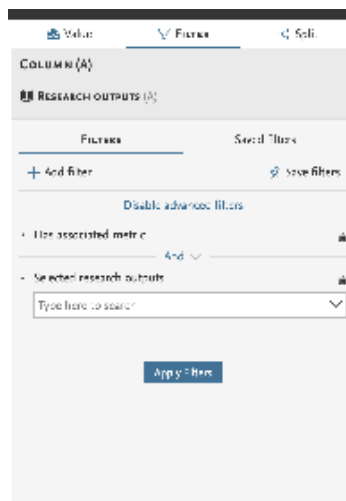
It is possible to select the type of period that should be used in the filter, such as 'calendar year', 'fiscal year', as well as a custom period. The period can also be either a specific range, which will not change, or an automatic range which will be updated, e.g. last year, last month etc.




Advanced filtering

The filters now also support an advanced mode, where it is possible to select the boolean operators AND, OR between each of the filters. This mode is by default off, but can be enabled by the appropriate link 'Enable advanced filters'

With advanced filter turned on, it is possible to create new types of filter queries. The filters should be read from the top and down to read how the AND and OR is used. The AND operator take precedence over the OR operator, e.g. X AND Y OR Z, reads as filter X and Y must be true, or Z must be true. Currently it is not possible to define groups in the filters.

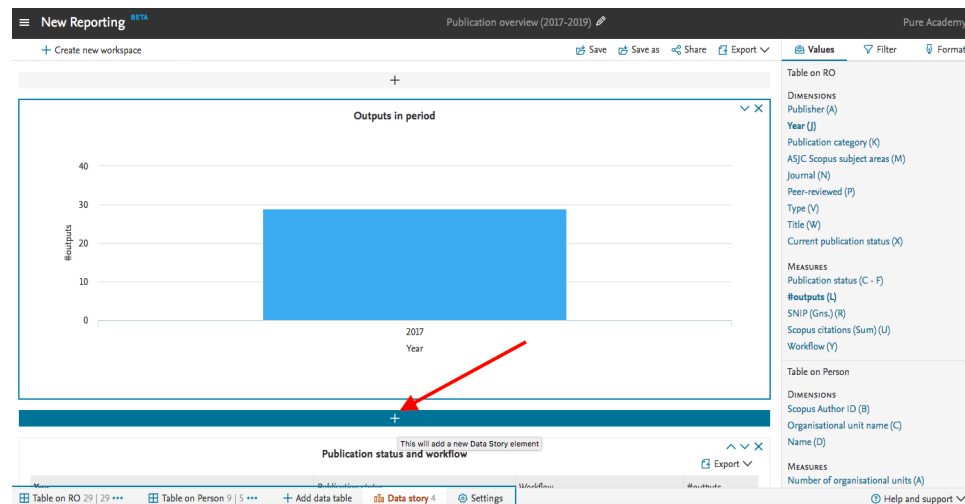


 Any saved filters won't be affected by these updates

1.6.4. 6.4. Data story improvements

To provide even better flexibility in creating your data stories, it is now possible to add layouts and text to your data story where needed.

Between each layout, a new "add new" section has been introduced. With this, you can add a new text box or a layout, where needed when building your data story.



1.7. 7. Pure Portal

1.7.1. 7.1. Page speed/Search Engine Optimisation (SEO) improvement - Profile image rescaling and caching

The Portal team continuously monitor and review how discoverable Pure Portals are in search engines and make regular adjustments accordingly. In this release, we have focused on addressing large image file sizes - one of the biggest contributors to occasional poor page speed, which in turn can contribute to [lower search engine ranking](#).

For profile search results on desktop, this results in a 70% improvement on average page speed on Profile search results pages. For mobile, the improvement is over 400%.

The below image shows the results of a test we ran on Google's [Page Speed Insights](#) tool:

Opportunities — These suggestions can help your page load faster. They don't **directly affect** the Performance score.

Opportunity	Estimated Savings
▲ Properly size images	1.76 s
▲ Preload key requests	0.97 s
■ Eliminate render-blocking resources	0.58 s
▲ Reduce server response times (TTFB)	0.06 s

As you can see, the largest single contributor to poor page speed is using images at a larger size than necessary. Having a page load slowly will not only cause frustration for users, it can also negatively affect your search results in Google. In order to address this, we changed the way in which we handle profile images (the most current image type currently across our portals) in two key ways:

1. Switching file format from JPEG to WebP. WebP is a more compact format compared to JPG. We're measuring file reduction of approximately 40% (36% and 48% for the measured cases) for our scaling use cases (50px, 100px and 160px vs original) and our tests show that image quality is equivalent.
2. Caching images at different resolutions, for quicker speeds on subsequent reloading.

The full results of our testing are provided further in this section.

We will review the impact of this change and will be looking at rolling it out to all images types across Pure in a future release.

Page speed testing results

Load time performance comparison of optimized vs. non-optimized setup is very dependent on actual case (number of images, size, data transfer speed, cold-vs-warm caching etc.). We've made a comparison on the profile search page with 19 profile images (2/3 200 kb images, 1 /3 1 mb images), with different throttling speeds and a warm cache (images have been processed, and are available in the server cache):

- 1.7x performance improvement - warm-cache comparison using WIFI throttling (could resemble a desktop setup).
- 5.5x performance improvement - warm-cache comparison using 4G/LTE throttling (could resemble a mobile setup).

Measurements of the non-optimized (original) and optimized solution below in cold and warm cache scenarios with different throttlings to simulate the latency of the network. We have made three measurements for each case and calculated the average for comparison:

Case	Description	Total transferred	Images transferred	Load time	Load time (WIFI throttling)	Load time (4G/LTE throttling)
1	Original cold cache Non-optimized images All cache wiped on server Disable cache in browser.	8.88 mb	7.59 mb	2.66 s	3.58 s	17.94 s
	Run 1	8.88 mb	7.59 mb	2.93 s	4.16 s	18.09 s
	Run 2	8.88 mb	7.59 mb	2.21 s	3.40 s	17.88 s
	Run 3	8.88 mb	7.59 mb	2.84 s	3.19 s	17.86 s
2	Original warm cache Non-optimized images Cached files on server Cache enabled on browser	1.04 mb	5.56 kb	1.6 s	3.35 s	18.47 s
	Run 1	1.04 mb	5.56 kb	1.68 s	3.09 s	18.41 s
	Run 2	1.04 mb	5.56 kb	1.62 s	3.75 s	18.49 s
	Run 3	1.04 mb	5.56 kb	1.50 s	3.20 s	18.51 s
3	Cold cache (full) Optimized images All cache wiped on server Disable cache in browser	1.34 mb	44.12 k	2.84 s	3.32 s	4.44 s
	Run 1	1.34 mb	44.12 k	2.68 s	3.68 s	4.38 s
	Run 2	1.34 mb	44.12 k	2.57 s	2.92 s	4.30 s
	Run 3	1.34 mb	44.12 k	3.27 s	3.35 s	4.64 s
4	Cold cache (thumbs) Optimized images Thumbs wiped on server Disable cache in browser	1.34 mb	44.12 k	1.66 s	1.98 s	3.86 s
	Run 1	1.34 mb	44.12 k	1.61 s	2.20 s	4.22 s
	Run 2	1.34 mb	44.12 k	1.88 s	1.84 s	3.84 s
	Run 3	1.34 mb	44.12 k	1.50 s	1.92 s	3.51 s
5	Warm cache Optimized images Cached files on server Cache enabled in browser	1.05 mb	5.56 k	1.54 s	2.05 s	3.36 s
	Run 1	1.05 mb	5.56 k	1.42 s	1.98 s	3.34 s
	Run 2	1.05 mb	5.56 k	1.47 s	2.10 s	3.36 s
	Run 3	1.05 mb	5.56 k	1.74 s	2.07 s	3.38 s

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1.7.2. 7.2. Dual queue updates

We have made major changes to how the portal processes content updates, adding a priority queue for the most important changes. This should speed up the time it takes for you to see changes you make in Pure reflected in the Portal.

When you make a change to a record stored in Pure, it is usually not just that record that needs to be updated, but also every record which is in some way related to it. This means that a seemingly small change, such as updating the name of a department, can actually lead to many thousands of records requiring updates. These are the updates which most contribute to latency issues between Pure and the Portal.

Under the old model, the Portal would work on updating all these records together. If multiple changes are made, all requiring updates to related content, and few small manual changes could result in the update queue for the Portal growing exponentially. In order to mitigate this, we have added a prioritization mechanism, where we will focus first on pushing the changes to the actual records you updated, while adding the related content changes to a secondary queue.

This means the Portal should in most circumstances receive and process your updates almost instantly, whilst continuing to process any backlog of related content revisions in the background.

In order to visualize this changed update process, we have revised the update status log shown in the Pure Portal Administration section:

Portal
 Publish changes to the portal
 On
 Changes to the portal, including configuration and content changes, will only be published when this option is saved as on.

Status Styling and layout Configuration Users & security Text resources Status: ddp Status: ddp

Log

Date of issue	Content changes	Status	Related content changes	Status	Expected completion time	Duration
21/12/2019 21:46	Organisational unit (1)	Done	1	Done		4s
21/12/2019 21:42	Person (1)	Done	-	Done		3s
20/12/2019 10:11	Impacts (25), Concepts (707568) ...	Done	-	Done		2h 34m 58

And here below is the old table, for comparison:

Portal
 Publish changes to the portal
 On
 Changes to the portal, including configuration and content changes, will only be published when this option is saved as on.

Update in progress

While the update is in progress any edited/saved items will be added to the next update

About 5 seconds remaining
 Processing item 22 of 37

Latest completed updates

Start time	Status	Duration	Number of i...	Details
	Queued			Collecting all changes while current update is in progress
2018-09-27 09:37:21 BST	In progress		37	Projects (2), External organisations (7) ... Show all
2018-09-27 09:30:51 BST	Completed	3 seconds	10	Projects (2), External organisations (5) ... Show all
2018-09-27 09:30:26 BST	Completed	2 seconds	5	Journal (1), Research outputs (4)
2018-09-27 09:28:16 BST	Completed	1 second	4	External organisation (1), External persons (2) ... Show all
2018-09-27 09:28:06 BST	Completed	7 seconds	28	External person (1), Research outputs (27)

Some key changes:

- The table now occupies its own tab. This removes the issue of the content below the table "bouncing" up and down in response to the changing number of rows in the table.
- There is now a separate change column AND separate Status column each for "Content changes" and "Related content changes"
- There is a new "Expected completion time" column for changes that are queued or in progress
- Interface changes to make statuses clearer
- The column indicated when the changes were made in Pure has been renamed from "Start time" to "Date of issue"
- Start time is now presented automatically in the timezone to which your Pure instance is configured

If you would like more information on what related content changes are being process, you can click on the total to expand the list, broken down by content types:

Portal

Publish changes to the portal



Changes to the portal, including configuration and content changes, will only be published when this option is saved as on.

Status Styling and layout Configuration Users & security

Impacts (3)
Organisational units (6)
Datasets (8)
Press/Media (1)
Activity (1)

Log

Date of issue	Content changes	Status	Related content changes	Status	Expected completion time	Duration
21/12/2019 22:08	Research output (1)	Done	22	Done		8s
21/12/2019 21:52	-	Done	574	Done		11s
21/12/2019 21:51	Person (1)	Done	-	Done		2s
21/12/2019 21:46	Organisational unit (1)	Done	1	Done		4s
21/12/2019 21:42	Person (1)	Done	-	Done		3s
20/12/2019 10:11	Impacts (25), Concepts (707568) ...	Done	-	Done		2h 34m 58s

Just as in the previous iteration, while an update is being processed, all subsequent changes are bundled together, to be processed once the current update is complete. However this now only applies to the related content changes, as the "primary" changes are prioritized and processed almost right away. When an update is in progress, you will see the message below:

Portal

Publish changes to the portal



Changes to the portal, including configuration and content changes, will only be published when this option is saved as on.

Status Styling and layout Configuration Users & security Text resources

Update in progress

While the update is in progress any edited/saved items will be added to the next update

Log

Date of issue	Content changes	Status	Related content changes	Status	Expected completion time	Duration
21/12/2019 22:15	-	Done	7567	Processing	21/12/2019 22:18	
21/12/2019 22:08	Research output (1)	Done	22	Done		8s
21/12/2019 21:52	-	Done	574	Done		11s
21/12/2019 21:51	Person (1)	Done	-	Done		2s
21/12/2019 21:46	Organisational unit (1)	Done	1	Done		4s
21/12/2019 21:42	Person (1)	Done	-	Done		3s
20/12/2019 10:11	Impacts (25), Concepts (707568) ...	Done	-	Done		2h 34m 58s

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1.7.3. 7.3. Equipment and project page improvements

We've made some changes to the layout of the Pure Portal pages for two content types - "equipment" and "projects". These changes are primarily aimed at to improve the display of content related to these outputs, giving a cleaner, more user-friendly experience.

More than just providing a suboptimal user experience, the previous design meant that in cases where a large amount of content was related to a piece of equipment or a project, the display could look quite strange indeed, as in this example:

X-ray Computed Tomography scanner

Description

The X-ray Computed Tomography lab (XRCT) has an X5000 high resolution micro-CT system and an image processing lab available to internal and external customers. This nondestructive technique is useful in many fields including Geology, Paleontology, Anthropology, Medical Devices, Engineering, Electronics, and Composite Materials. Initial funding for this facility was provided by the University's Infrastructure Investment Initiative.

What we offer:

- Fast turnaround times
- Training for larger projects
- Access to image processing lab at no additional cost
- Free test scans for proof-of-concept and grant proposals

Details

NAME	X5000 Micro-CT scanner
ACQUISITION DATE	3/1/12

Fingerprint

Paleontology
Geology
X-Ray Computed Tomography Scanners
X Ray Computed Tomography
Anthropology
Organized Financing
Equipment and Supplies

Contact Information

NAME
PHONE
WEB
ADDRESSES

Terms of loan/booking

Available for loan - internal and external
See the red "Scanning" tab on the X-Ray Lab website to request a scan.

Related Content

Research Output

Rodent dental topographic analysis: The prominence of premolars

Development of olivine crystallographic preferred orientation in response to strain-induced fabric geometry

Titanium concentration in quartz as a record of multiple deformation mechanisms in an extensional shear zone

Reactive Melt Migration and Channelization in Partially Molten Rocks

Axial-type olivine crystallographic preferred orientations: The effect of strain geometry on mantle texture

Tiny Titanosaurs: Micro-Computed Tomography and Primary Growth Rates in Hatchling Sauropods from Madagascar

Exploring rodent head-space: Geometric Morphometrics applied to heteromyid crania (Rodentia: Heteromyidae)

Rodent tooth shapes as ecometric traits: predicting trophic categories of rodents from 3D tooth morphology

The new design is modeled on other pre-existing page types, such as department and profile pages, which already use a tabbed view and fuller content renderings to more effectively showcase the related content.

Abbar, S.
Dignisim PC
12/2/19 → 12/17/22
Project: Consultancy project

File

Servers
Throughput
Distributed computer systems
Data storage equipment

Research Output

1992 → 2012

Bad boys and school suspensions: Public policy implications for black males

Migdy, W., Ali, A. & Darwish, K., Dec 19 2012, *ACM International Conference Proceeding Series*, p. 2695-2697 3 p.

Research output: Chapter in Book/Report/Conference proceeding • Conference contribution

Monitoring
Time series

2
Conference contribution

2
Article

1
Citation (Scopus)

Harm Reduction Policing: From Drug Law Enforcement to Protection

Lowrey, M., Dec 1 2012, *50th Annual Meeting of the Association for Computational Linguistics, ACL 2012 - Proceedings of the Conference*, Vol. 2, p. 218-222 5 p.

Research output: Chapter in Book/Report/Conference proceeding • Conference contribution

Computational linguistics
Linguistics

The war on drugs: Heroin, cocaine, crime, and public policy

Enla, P., Borge-Holthoefer, J., Gomez, S. & Arenas, A., Jul 1 2012, in: *International Journal of Bifurcation and Chaos*, Vol. 22, 7, p. 1250159.

Research output: Contribution to Journal • Article

Linear Projection
Growing Networks
Scale-free Networks
Complex networks

Singular value decomposition

1
Citation (Scopus)

[View all 4 research outputs >](#)

As on department and profile page pages, related content for equipment and projects is shown below the main output information, following the order of precedence which you have chosen for the Portal in the back-end of Pure, in the Portal "Configurations" section. The tabs will be displayed in this order also, from left to right.

The screenshot shows a web interface for a research project. At the top, there is a navigation bar with links for Home, Profiles, Research Units, Equipment, Projects, Research Output, and Datasets. A search bar is located on the right. The main heading is "Policing multi-ethnic neighborhoods: The Miami study and findings for law enforcement in the United States". Below the heading, the lead researcher is listed as "Looney, Mike (PI), Burnett, Marcus (PI)" and the department is "Computational Science & Engineering". A red oval highlights the navigation tabs: Overview, Fingerprint, Equipment (1), Student theses (1), Projects (1), Research Output (4), and Datasets (2). The "Overview" tab is selected. The main content area is titled "Project Details" and includes a "Description" section with a paragraph of text. To the right, there is an "Access Project" section with a "Policy recommendations" file (application/pdf, 17.2 KB) and a "Project website" link. At the bottom right of the screenshot, there is a "Back to top of page" link with an upward arrow icon.

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1.7.4. 7.4. Related outputs added as equipment fingerprint signal

We are constantly looking at how we can improve the accuracy of our research fingerprints, and better assist our clients in showcasing their institution's research assets. This improvement delivers on both these goals.

On Persons, fingerprints are created based on signals from three separate sources:

- Research interest statement
- Prizes
- Research outputs

We are now expanding this output relation-based signalling to equipment content. We hope this will help you to better promote your equipment both internally and externally, while also helping to show the value of assets, to add to your research and reputation. We also hope that by including the related outputs as signals, we can add value to and incentivise maintaining these connections between your research and your research equipment.

Signal strength for each individual fingerprint source will be taken as equal.

For examples

- If you have a research equipment with a description, and one related output, fingerprint calculation will be weighted equally based on each.
- If you have a piece of research equipment with a description text and three related outputs, fingerprint calculation will be weighted 25% based on the description, and 25% based on each individual output.
- If there is no description text, the fingerprint will be based solely on related outputs, if any are present.

We will be looking at expanding multi-faceted signalling to more content types across future releases.

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1.7.5. 7.5. Edit fingerprints on research outputs

It has long been possible in Pure to make edits to a person's fingerprints. This functionality has now been extended to apply also on a research output level, giving you the option to remove individual concepts.

Specific fingerprints and thesuri can be removed or disabled. Below are descriptions and screenshots of how this is achieved.

The fingerprint concepts applied to each research output by Elsevier's Fingerprint Engine (FPE) can be viewed by opening the output in Pure, and selecting "Fingerprints" from the left-hand menu.

ID: 47066  **A comparison of short-term and long-term air pollution exposure associations with mortality in two cohorts in Scotland**
Research output: Contribution to journal > Article

Fingerprints

EDIT
Metadata
Metrics
Manage duplicates

OVERVIEW
Relations
Fingerprints
Display

HISTORY AND COMMENTS
History and comments

Medicine & Life Sciences (MeSH)

Sort by: Rank A-Z

INCLUDED CONCEPTS

Air Pollution Scotland Mortality Smoke Confidence Intervals Survival Analysis Population

Spatial Analysis Datasets

Fingerprints are displayed separately for each thesaurus which has been applied. The FPE processes each output record and automatically applies fingerprints for the best-fitting thesauri.

In the screenshot, you can see the fingerprint applied for an output based on our "Medicine & Life Sciences" thesaurus. As with any technology rooted in machine-reading, errors in detection can occur, usually due to either a limited data sample or a misunderstanding of the text by the algorithm.

Moreover, some terms may be undesirable in some contexts, for example due to being too broad. In such cases, individual concepts can be removed from the fingerprint. To do this, simply hover over the concept you want to remove, and click on the red cross that appears.

This will remove the concept from the research output, so it will no longer display on the Portal. It will also remove this concept tag from the search index, so this concept will no longer be found by searches on this term.

The concept is not, however, gone forever. It is possible to see omitted concepts in a section below the included concepts. From here they can also be re-added if necessary.

Fingerprints

Medicine & Life Sciences (MeSH) On

Sort by: Rank A-Z

INCLUDED CONCEPTS

Air Pollution Scotland Mortality Smoke Confidence Intervals Survival Analysis Population

Spatial Analysis Datasets ✕

Concept: Datasets
Weight: 4%
Domain: Medicine & Life Sciences

A comparison of short-term and long-term air pollution exposure associations with mortality in two cohorts in Scotland

Department of Statistics & Modelling Science

Research output: Contribution to journal › Article

ORIGINAL LANGUAGE	English
PAGES (FROM-TO)	1280-1285
NUMBER OF PAGES	6
JOURNAL	Environmental Health Perspectives
VOLUME	120
ISSUE NUMBER	9
PUBLICATION STATUS	Published - Sep 1 2012

Fingerprint

Air Pollution Scotland Mortality Smoke Confidence Intervals Survival Analysis Population

Spatial Analysis Datasets

Fingerprints

Medicine & Life Sciences (MeSH) On

Sort by: Rank A-Z

INCLUDED CONCEPTS

Air Pollution Scotland Mortality Smoke Confidence Intervals Survival Analysis Population

Spatial Analysis

OMITTED CONCEPTS

Datasets

Fingerprints

Medicine & Life Sciences (MeSH) On

Sort by: Rank A-Z

INCLUDED CONCEPTS

Air Pollution Scotland Mortality Smoke Confidence Intervals Survival Analysis Population

Spatial Analysis

OMITTED CONCEPTS

Datasets

In addition to making changes at a concept level, it is also possible to exclude entire thesauri. To the right of each automatically detected and applied thesaurus, is a toggle.

To exclude this thesaurus entirely for this research output, slide the toggle to "Off".

This can also always be undone at a later date.

 **Use of a mathematical model to describe the epidemiology of Lepeophtheirus salmonis on farmed Atlantic salmon Salmo salar in the Hardangerfjord, Norway**
Research output: Contribution to journal > Article

Fingerprints

Earth & Environmental Sciences (Geobase)

Sort by: Rank A-Z

INCLUDED CONCEPTS

louse epidemiology farm autumn sea infection biological processes modeling
 oscillation coast need simulation parameter

Agriculture & Biology (NAL)

Sort by: Rank A-Z

INCLUDED CONCEPTS

Lepeophtheirus salmonis Caligidae Salmo salar Norway epidemiology mathematical models
 farms autumn lice salmon louse control lice infestations infection oscillation coasts

 **Use of a mathematical model to describe the epidemiology of Lepeophtheirus salmonis on farmed Atlantic salmon Salmo salar in the Hardangerfjord, Norway**
Research output: Contribution to journal > Article

Fingerprints

Earth & Environmental Sciences (Geobase)

Agriculture & Biology (NAL)

Sort by: Rank A-Z

INCLUDED CONCEPTS

Lepeophtheirus salmonis Caligidae Salmo salar Norway epidemiology mathematical models
 farms autumn lice salmon louse control lice infestations infection oscillation coasts

1.7.6. 7.6. Fingerprint Engine upgrade

Pure has been updated to use the latest version of [Elsevier's Fingerprint Engine](#), adding almost 60,000 new research concepts. The Fingerprint Engine mines the text of scientific documents – publication abstracts, funding announcements and awards, project summaries, patents, proposals/applications, and other sources – to create an index of weighted terms which defines the text, known as a Fingerprint visualization. These fingerprints are used to uniquely map content in the Pure Portal, Custom Portals and can also be accessed via the web services.

The Elsevier Fingerprint Engine uses a variety of thesauri to support applications pertaining to different subject areas, spanning all the major disciplines. This upgrade increases the total number of concepts we use by almost 60,000, bringing us to a total of just over 766,000 distinct concepts. This 8% increase in terms adds granularity across a range of subject fields and also incorporates newly emergent research topics.

Specifically, vocabulary improvements have been made to the following thesauri:

- Chemistry Vocab (based on Compendex & MeSH)
- Compendex (Engineering)
- Geobase (Earth Sciences)
- Economics Vocabulary (Economics)
- Humanities Vocabulary (Humanities)
- MeSH (Medical Sciences)
- NAL (Agriculture & Agronomics)

Additionally, two new thesauri have been added:

- OmniScience Chemistry branch (next to traditional Chemistry based on Compendex & MeSH)
 - Covers a wider range of terms in Chemistry than the Compendex & MeSH Chemistry intersection
 - Has tested favourably for finer-grained terms, however Chemistry based on Compendex & MeSH provides better cover of higher level concepts, and demonstrates better text coverage of author-keyword
- Emtree Thesaurus:
 - Emtree is Elsevier's Life Science Thesaurus with a focus on Biomedicine, and it is used to index the contents of Elsevier's biomedical literature database Embase.
 - It covers a large part of MeSH concepts (more precisely it contains all preferred terms = concept names of all core MeSH concepts (28,775 in MeSH 2018))
 - It is less comprehensive with regard to chemicals (~33,000 Emtree (2018) concepts vs. ~250,000 MeSH concepts) but more comprehensive with regard to non-chemicals (~30,000 MeSH concepts vs. ~80,000 Emtree concepts).
 - Embase and MeSH will co-exist as separate thesauri.
 - For more information about Emtree, see: <https://www.elsevier.com/solutions/embase-biomedical-research/embase-coverage-and-content>.

Further improvements include:

- Improved Unified mapping
 - Concepts and terms from individual thesauri are mapped in a single 'unified' thesaurus, covering all major disciplines.
 - To map concepts that have the same meaning in multiple domains, an improved clustering algorithm has been deployed.
 - This results in a more accurate mapping, that assures that a concept 'Solution' from the Math thesaurus (Mathematics) and the concept 'Solution' from the Chemistry thesaurus end up as different concepts in the Unified Thesaurus.
 - Machine-learning based term/concept disambiguation (beta, and in development)
 - Runtime performance improvements
 - API > 50% faster for indexing.
 - Minor bug fixes



The engine update means that, upon upgrade, fingerprints for all content will be regenerated. The enriched thesauri, along with small engine tweaks mean that it in many cases the fingerprints for much of the content in your database, and therefore also of your researchers, will be slightly different from how they were previously. This could mean the weightings of concepts in fingerprints shifting slightly, and in some cases, specific concepts being added or removed from fingerprints.

All Portals on your regional server will be transitioned from the old Fingerprint Engine service to the new service in a distributed manner, over the course of two weeks. This helps us to minimize server load and avoid any downtime. During this period updates will occur progressively in your fingerprinting as all content is gradually fingerprinted and re-aggregated.

During this period, you may encounter an error on editing aggregated fingerprints (for example, on persons), showing them as read-only. This is due to the fingerprint containing content from both the old and new engine simultaneously. This will resolve once your upgrade has completed. Therefore, where possible we advise you avoid editing fingerprints until the update is complete.

We have tested the changes thoroughly, and are confident that this update offers a substantial improvement in fingerprint accuracy and relevance. However, if you have any questions or concerns about a change in fingerprinting of any specific entities, do not hesitate to get in touch by raising a ticket in Jira.

1.7.7. 7.7. Organisation "web name" fields now active for Pure Portals

In the Pure editor for organisations, there has long been a field for an alternative "web name". Similar to the "Short name" and "Sort name" fields, the idea behind this field is that you can add an alternative name to be used on the Portal from the default name used within Pure. This could be useful if, for example, organisation names are brought in from an external HR system and not editable in Pure.

Until now, however, this field was not enabled in the Pure Portal, and was only used in older generation Custom Portals. This functionality has now been fully migrated into the Pure Portal.

If a text string is entered in the "web name" field, this will take precedence over the "Organisational unit name" and be used in place of it for the Portal in all instances. It is also added to the search index.

 **C. M. Burns Department of Nuclear Physics**
Organisational unit: Department


Type

Type *

Department ▼

Organisational unit information

Organisational unit name *

 C. M. Burns Department of Nuclear Physics


Short name



Sort name



Web name

 Nuclear Physics

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1.8. 8. Country-specific features

1.8.1. 8.1. UK: REF

In this release we have made a number of updates to the REF module, as always you can read more about the REF functionality in Pure on the [REF module documentation](#) page.

1.8.1.1. 8.1.1. Submission to the submission system of REF1-REF4

With this release we've enabled the ability to submit REF1-REF4 to the submission system. This is done the same place where the REF6 could be submitted. Please read more about the configuration of the [Integration with the submission system](#) in the REF documentation.



We are still working on the validation tab **Data to be submitted**, and this will not be finalised for this release.

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1.8.1.2. 8.1.2. Improvements to Open Access

We've updated the REF Open Access functionality in Pure. In some cases Pure wasn't able to calculate the correct open access status, due to missing dates or the document being hosted, and OA dates being controlled, by another HEI.

Pure now provides a suggested OA status which uses all of the available information to give the best indication of the OA status in relation to REF. We changed the OA status field to be a manually changed, and combined with an internal OA notes to record why the status has been changed. The OA status will follow the suggested OA status, until it is changed manually, then it will keep that status. The OA status will be the one that is submitted to the REF system. Read more about the OA status in the [Open Access compliance](#) section of the REF documentation

Up until 5.17.0, the calculation of the embargo period has been handled on the REF2. Therefore you could see scenarios where the Research Output stated it was Open Access compliant, but when navigating to the REF2 it stated it was not compliant since the embargo period was longer than the maximum stated by the panel. We have in this release moved the handling of embargo period to the Research Output and you can, therefore, expect to see changes to REF OA status on your Research Output. If the research output is related to a REF2 we will consider the maximum on embargo length. (Associated to panel A or B = 12 months, associated with panel C or D = 24 months).

If a research output is not related to a REF2 and adhere to the other REF OA criteria then we calculate the following REF OA status:

- If the embargo period is < 13 month = *Compliant*
- If the embargo period is between 13-24 month = *indeterminate*
- If the embargo period is > 24 month = *Non compliant*



Only **REF administrator**, **administrator** and **publication-administrator** roles can change the actual OA status.

With this release, we've updated the functionality for 'refreshing' the access date on the electronic versions on the research output.

The logic is as follows:

If public access to the file is closed :

- The date is set to null, i.e. is not set

If public access to the files is open or embargoed:

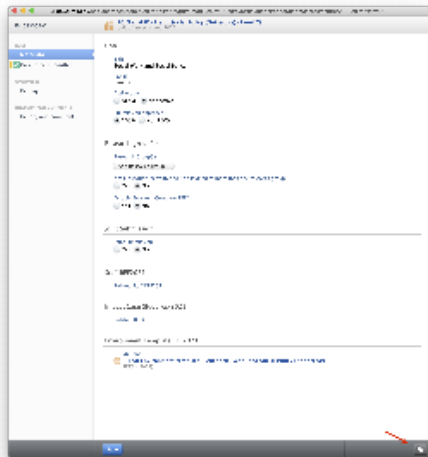
- The access date will be the embargo end date if the file is under embargo, otherwise
- the access will be the creation date of the electronic version

With this change, any electronic version that has been incorrectly created can now be corrected without the access date to be set to today's date.

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1.8.1.3. 8.1.3. Multiple submission

It is now possible to enable multiple submissions in Pure. When the multiple submission is enabled it is possible to create a 'copy' of an existing UOA which will create the sub UOA. This can then be used as a regular UOA in terms of the REF functionality in Pure. Read more about the [Multiple Submissions](#) in the REF documentation.



Important

Please note, this should only be done once permission to submit multiple submissions has been granted by Research England.

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1.8.1.4. 8.1.4. REF4b 4c income source and income in kind

The Income Sources used for REF4b and the Income-In-Kind types used for REF4c have been altered by REF. As a consequence previous data is invalid and all REF4b and REF4c data will, therefore, be **deleted** when updating to Pure 5.17.0. In effect, this means that all institutions must upload their REF4b and REF4c data again using the new Income Sources and Income-In-Kind types.

The documentation and templates for REF4b and REF4c data have been updated. This can be found at [REF4b - Research Income](#) and [REF4c - Research income-in-kind](#).

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1.8.1.5. 8.1.5. Reporting on REF3, REF4 and REF6

With this release the REF3, REF4, and REF6 models can now be used in the new reporting module, to help you with providing an overview of these models.

New Reporting << Create new workspace

Create new workspace

Choose the content type that sets the starting point for the report.
For instance, if you want to create a workspace containing Persons and their number of publications, select 'Persons'.

Saved workspaces

Editor

- Research outputs
- Activities
- Prizes
- Student theses
- Press/Media
- Impacts
- Datasets
- Research Facilities

Master data

- Users
- Persons
- Organisational units
- External organisations
- Publishers
- External persons
- Journals
- Events

REF2021

- Units of assessment (2021)
- REF1 (2021)
- REF2 (2021)
- REF3 (2021)
- REF4a (2021)
- REF4b (2021)
- REF4c (2021)
- REF6 Reductions (2021)
- REF6 Zero Outputs (2021)
- REF6 Unit Reductions (2021)

Import existing workspace

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1.8.1.6. 8.1.6. Locate Research Output without REF2

To help with finding research outputs that should be proposed for REF, but hasn't yet, we've created a new filter on research outputs. With this it is possible to filter for all outputs that doesn't have a REF2, combine this with additional filters for instance date filter and research output type filter to narrow the search to only relevant research outputs that should be proposed for REF.

Search for research output...

Associated REF2

- Only show Research Outputs with associated REF2s
- Only show Research Outputs without associated REF2s

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1.8.1.7. 8.1.7. Migrating REF2 data

Prior to 5.16.0 was possible to attribute a REF2 when it was not in workflow/selection state 'Selected for UoA pool'. In 5.16.0 we made it so it locked all attributed REF2s and as a result they could be attributed and have locked attribution while having a 'wrong' REF2 workflow/selection state.

This has been fixed by introducing a new migration script which changes the workflow/selection state to 'Selected for UoA pool' for all REF2s which have been attributed and has workflow/selection state other than 'Selected for UoA pool'.

After the fix is applied you have to the following in order to be able to edit/change the workflow state for the REF2s:

1. Set 'Attribution -> Locked attribution' to 'Off'
2. Set 'Attribution -> REF1 attribution' to 'No' for all attributed REF1s

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2. Resolved issues

Issues reported by YOUR INSTITUTION

[Improvements](#)

[Bugs](#)

[Complete list \(all issues\)](#)

ALL issues

[Improvements](#)

[Bugs](#)

[Complete list \(all issues\)](#)

Installation and downloading

See the [Request Pure distribution file](#) page for information about how to request a new version of Pure.

Other Resources and Links

If you have problems with this release please contact [Pure Support](#) to get help.

Pure hosting requirements

See the [Pure Requirements](#) page for more information about the current hosting requirements for Pure.