Open Science in Pure

Eurocris 2022

Dr. Richard van Haaren, Elsevier
Our journey

• Since 2013, Pure has evolved significantly to become the software solution it is today.

• Through ambitious innovation, collaborative partnerships and a vision for a dynamic user community, it has become the world’s leading Research Information Management System.

• 300+ institutions worldwide use Pure to showcase the brilliance of their researchers and the valuable work that they do.
Integrated solutions

As a versatile, interoperable software solution that integrates with the most data sources in the industry and the list keeps on growing. As an open system, Pure can be configured to the evolving requirements of an institution to provide seamless support.
Some of the built-in Open Science aspects in Pure

- Integrations with Unpaywall, BioRxiv, CORE etc
- Sherpa Romeo integration
- ORCID adoption
- OA compliance to funder requirements
- Full text handling
- Preprints
- APCs
- Datasets: integration with DATA MONITOR (powerful discovery tool for datasets)
- Project descriptions
- Press clippings, conference proceedings, etc
- Reporting (to monitor adoption / compliance / performance)
- Pure Portal (to showcase the research and projects)
- Etc
Ambitious innovation

With the research landscape rapidly evolving, it’s essential to keep one eye fixed firmly on the future. For the Pure product development team, that means drawing on community feedback to design and deliver features and functionality that continuously improves the support provided.

2013
- Get a panoramic view of external collaboration and research datasets

2015
- Community Module launch, to facilitate the management of multi-institutional research projects
- Launch of new CV module

2017
- Reporting module re-design to provide powerful insights to the campus community
- Pure Web Services enhancements, making it easier to integrate with other campus systems

2019
- Launch of Reporting module
- Social "Click to share" links added to Pure Portal
- Redesign of Contact Expert feature

2014
- Create, manage and report on researcher’s ORCIDs
- Add a Personal Publication Portfolio
- Track the Ethical Review Process for applications

2016
- Award Management Module launch supports pre- and post-award workflows
- New citation metrics, including more ways to reuse curated data within Pure and ORCID
- Faculty and Academic Activity Reporting
- Entire Pure offering becomes available globally
- Cloud hosting with Production

2018
- Access to back-end for researchers to manage their profiles directly
- ORCID added as an import source for Research outputs
- New engagement dashboard to provide insights about Pure user engagement

2020-21
- Capture and report on the full suite of metrics from Web of Science (WoS) inCites Journal Citation Report and WoS category Impact Factor
- Introduction of a new Role - The Global Reporter
- Module to support RE/Submission
- ISO 27001 certification
## Build versus buy: trade offs

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Build</th>
<th>or Buy?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Functionality</td>
<td>Very specific</td>
<td>&gt;95% off the shelf</td>
</tr>
<tr>
<td>Time to go-live</td>
<td>Several years</td>
<td>As fast as a few weeks</td>
</tr>
<tr>
<td>Budget</td>
<td>High</td>
<td>Low/Medium</td>
</tr>
<tr>
<td>Interoperability</td>
<td>Limited</td>
<td>High</td>
</tr>
<tr>
<td>Versatility, adaption to change</td>
<td>Slow and costly</td>
<td>Fast through configurations</td>
</tr>
<tr>
<td>Maintenance &amp; support</td>
<td>Depends on few key people</td>
<td>Guaranteed through contract</td>
</tr>
</tbody>
</table>