



Symplectic Elements - Born from Academia, Built for Open Research Information

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Universidade dos Açores

Digital Science at EuroCRIS



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Agenda

- Where we come from, and what matters to us.
 - Our Beginnings.
 - Our Vision.
 - Build for Open Research Information.
 - Proud legacy, and looking at the future.
 - Our position on the Barcelona Declaration.
 - Close.
-



**Where we come from,
and what matters to us.**

Different origins; different outcomes

- Born out of academia to support the research ecosystem
- Solutions to real research challenges
- Family-run (no-shareholders)
- From and for the community
- Lived-experience



Different origins; different outcomes

- Born as a Technical Incubator, still room to innovate
 - Mission driven - thoughtful, responsible
 - Focus on delivering clear value to our clients and the wider scholarly communications community
- (Catalyst Grants)

video

The background of the slide is a close-up photograph of a dandelion seed head. A magnifying glass is held over the seed head, focusing on a single seed. The background is dark and out of focus, with some bokeh light effects.

We believe research is the
single most powerful
transformational force for the
long-term improvement of
society

Investing in today for the research of tomorrow



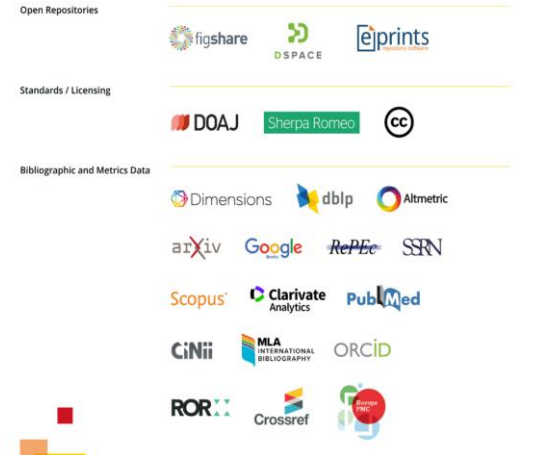


Symplectic Elements

Supporting Open Research Information

Symplectic Elements is a highly-configurable research management system that enables the automatic collection, disambiguation and de-duplication of data from multiple internal and external sources to provide a comprehensive view of an institution's research activity.

Symplectic Elements works with a wide range of services and systems to repurpose this data and derive powerful insights.



Supporting Open Research Information

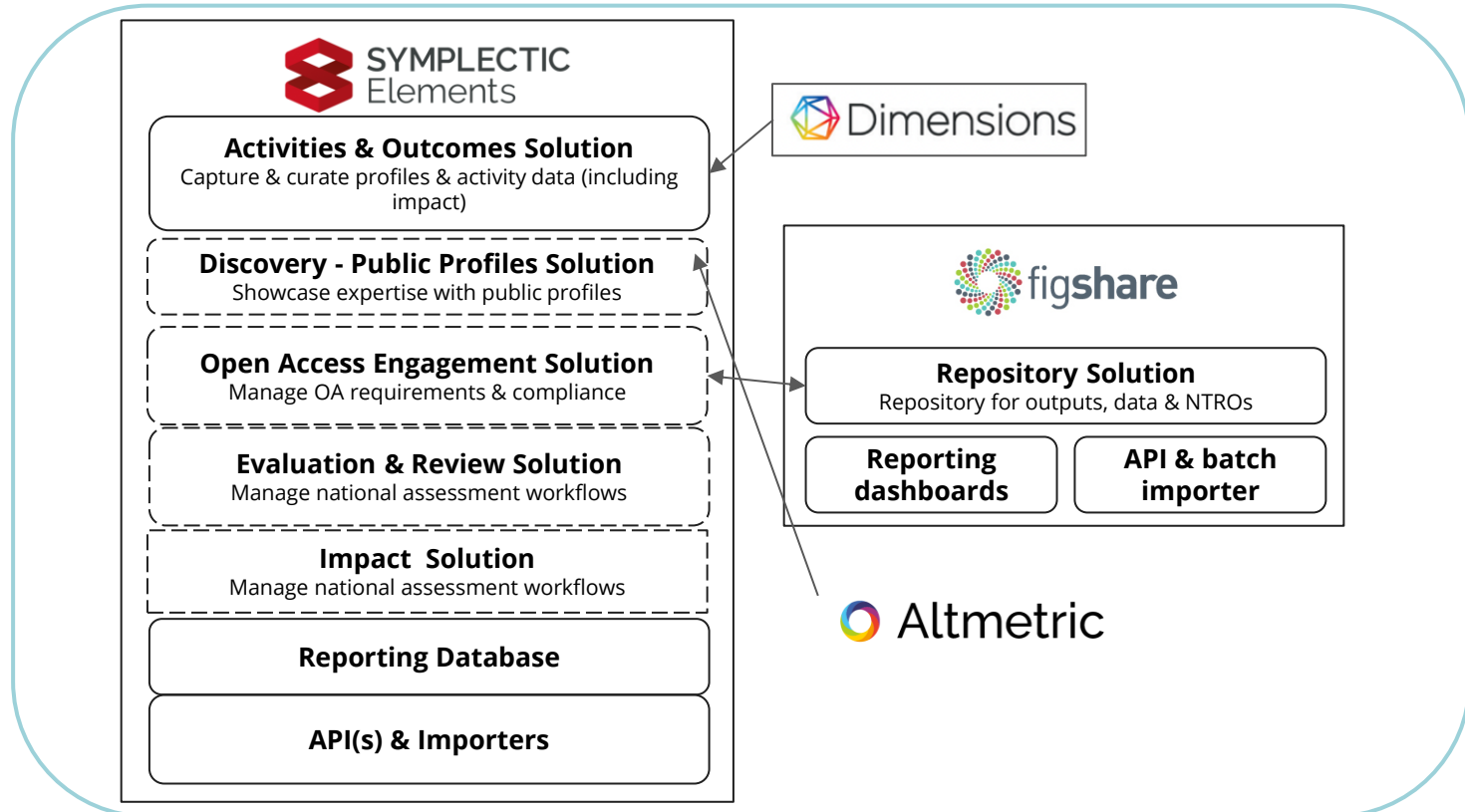


Symplectic Elements was built with open access and open science workflows as first-class features.

Open access engagement and compliance dashboards, funder mandate tracking, and data deposit workflows are native — not retrofitted.

Designed for institution running a researcher-centric, Open Science-informed research management service.

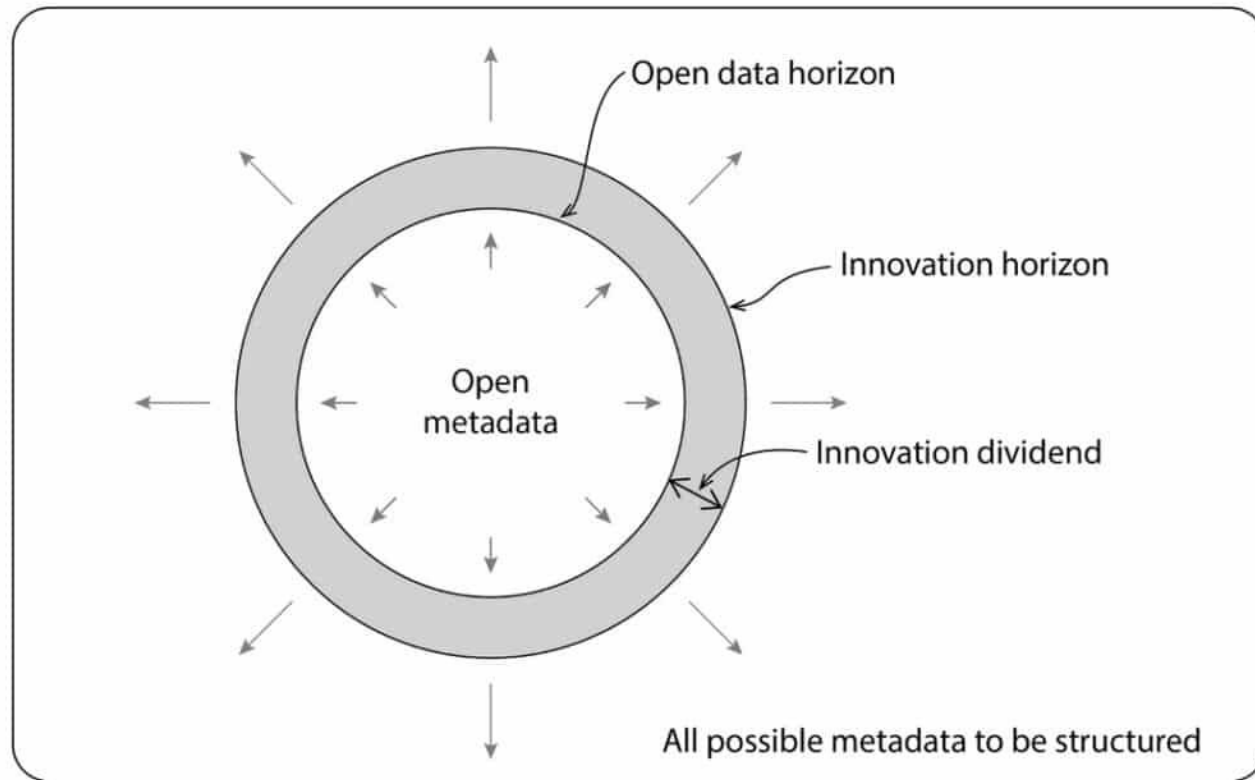
Elements + Figshare with Dimensions data and Altmetric badges



The background of the image is a dark, deep blue gradient. Scattered across this background are numerous out-of-focus light circles, known as bokeh. These circles vary in size and color, including shades of white, light blue, yellow, orange, and red. They are distributed across the frame, with some appearing more prominent than others, creating a soft, dreamy atmosphere.

**Proud legacy, and
looking at the future.**

We welcome the Barcelona Declaration

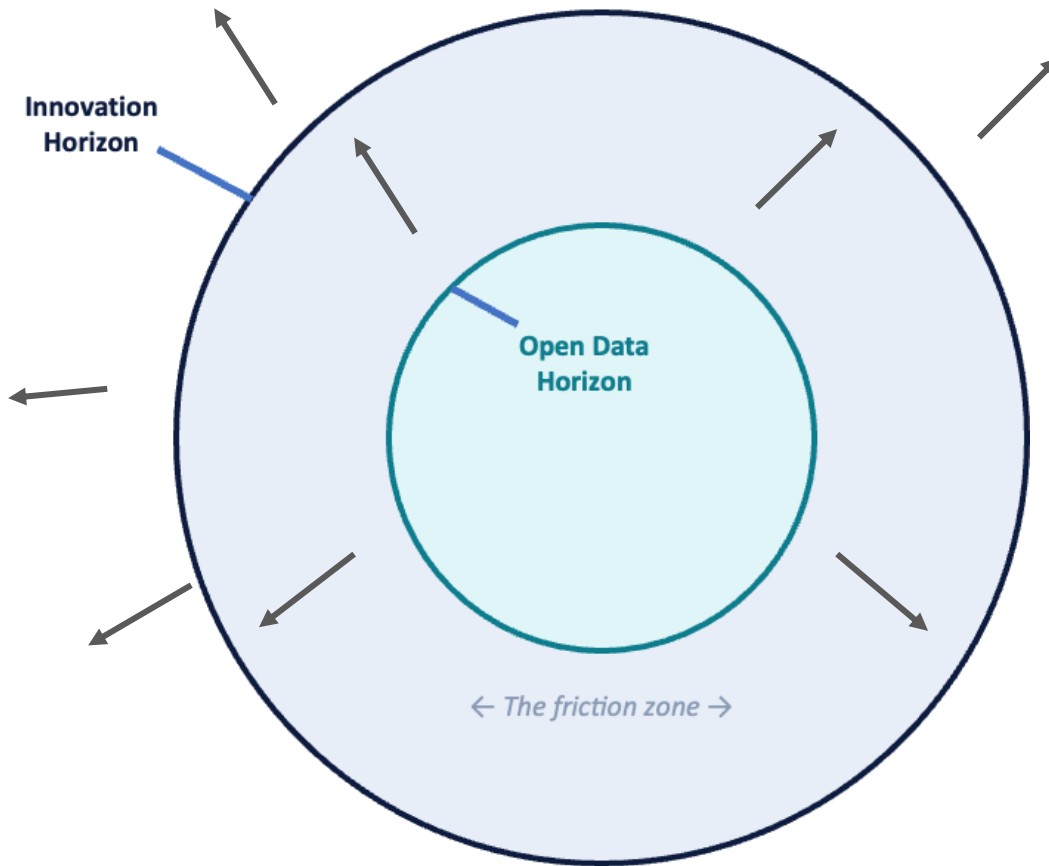


**A model for
thinking about
innovation.**

Credit: Daniel Hook,
CEO, Digital Science

<https://www.digital-science.com/blog/barcelona-a-beautiful-horizon/>

We welcome the Barcelona Declaration



Outer circle Raw, unprocessed data. Mining it takes investment.

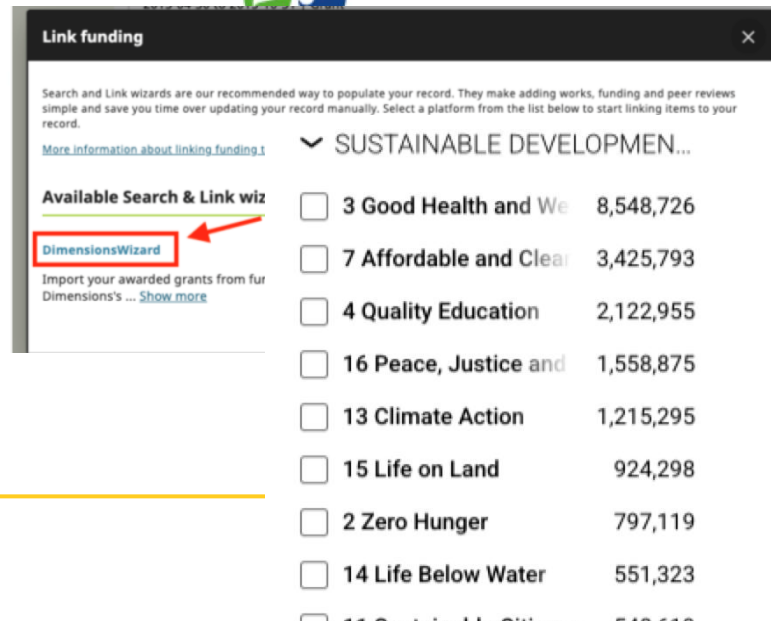
Inner circle Commoditised, open data, cheap to produce. DOI, title, citations.

The friction zone Where innovation earns returns, and where the Barcelona Declaration, competition and mission alignment applies pressure.

We welcome the Barcelona Declaration

Open Data Horizon

- GRID institution data under CCO (since 2017)
- Dimensions free to Research4Life and funders awarding under \$1M/year
- Grants surfaced in ORCID profiles
- ANZSRC and SDG classifications free in Dimensions



We welcome the Barcelona Declaration

Innovation Horizon

- Dimensions - AI-powered natural language search
- Altmetric - Sentiment analysis
- Figshare - Open research data at scale
- Symplectic Elements - AI-assisted data entry and CV import

The screenshot shows the 'Review extracted items' interface in the Dimensions database. At the top, a dark blue banner reads 'Use AI to build your Dimensions Query'. Below this, a summary bar displays six categories: '4 Total items', '234 Ready to import', '345 Incomplete items', '456 Imported', '567 Already in profile', and '678 Excluded'. The main content area shows a list of 4 items, with 'Results per page' set to 10. Each item entry includes the author list, publication title, type (e.g., 'Publication Journal article'), status (e.g., 'Ready to import'), and a 'Create new' button. A 'Finish' button is located at the bottom right of the list. A 'show more' link is visible below the list.

Author	Title	Type	Status	Action
Advani R, Rosenberg SA and Horning SJ. (2004). Stage I and...	No match found	Publication Journal article	Ready to import	Create new
Advani R, Maeda L, Lavori P, Quon A, Hoppe R, Breslin S,...	No match found	Publication Journal article	Ready to import	Create new
Advani R, Horwitz SM, Riaz N, Reddy S, Hoppe RT and H. Kim...	No match found	Publication Journal article	Ready to import	Create new
Malumbres R, Chen J, Tibshirani R, Johnson NA, Sehn LH,...	No match found	Publication Journal article	Ready to import	Create new

Barcelona defines a beautiful horizon

What we build together - open, interoperable, researcher-first is what makes the endless frontier worth crossing.

***"Let what you love be
what you do."***

- Rumi

Digital Science at EuroCRIS



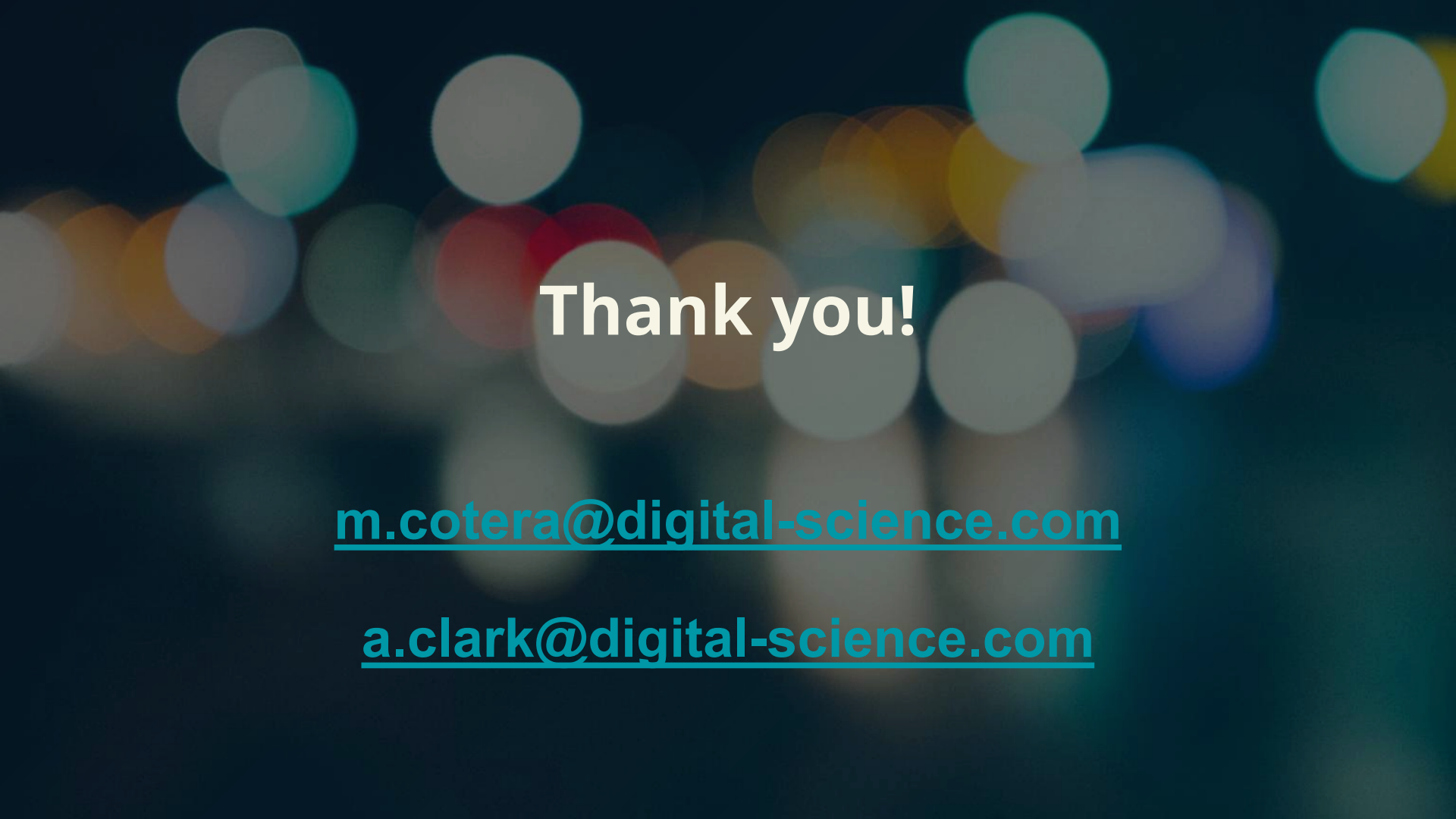
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Thank you!

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