

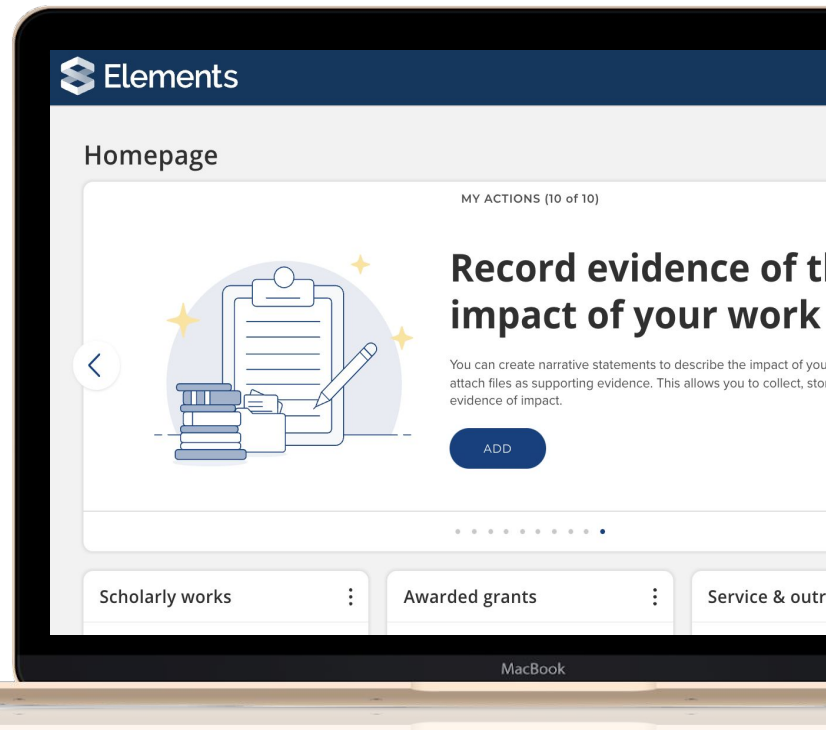
Introduction to the Symplectic Elements Impact Module

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Capturing Impact in Elements

The **Elements Impact Module** helps researchers to capture emerging indicators of research impact resulting from their work, track how it connects to their work and to develop narratives around it to underpin case studies.

- Collect and collate data **as it occurs and over time** to demonstrate the wider societal, environmental & economic impact of a piece of research.
- Attach supporting documentation as evidence storing **everything in one place**.
- Link impact records to other users, publications and grants for **ease of reporting** and to ensure that credit is given where credit is due.



Why capture impact data in Elements?

The Elements Impact Module has been designed to help address the challenges of capturing a **comprehensive evidence base** of the wider impact of research.



Evidence of impact can be ephemeral or hard to find

Much of the evidence a researcher will need to demonstrate the impact of their research can be ephemeral or hard to find, especially if working with industry or in the arts or humanities. It is important to build a culture of capturing this data in reusable ways as it arises to ensure it is ready when needed.



Relationships to other works provide important context

Research Impact can often only be seen long after the original research was published. By linking impact records to the associated users, publications and grants and other activities, it can be possible to analyse the different pathways to impact.

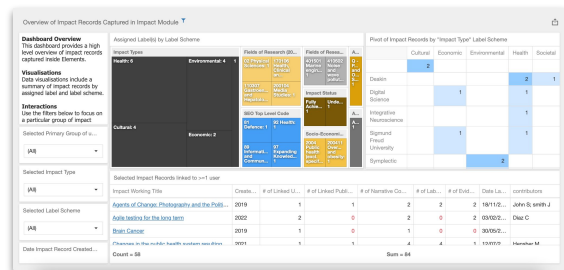


Impact specialists can provide valuable support & insights

Given the far-reaching contribution of research in society, culture, the economy, and our environment, tracking and interpreting impact can be complex. Impact Specialists can add considerable value by enriching and tagging records with additional insights.

Using impact data to tell the story of your research

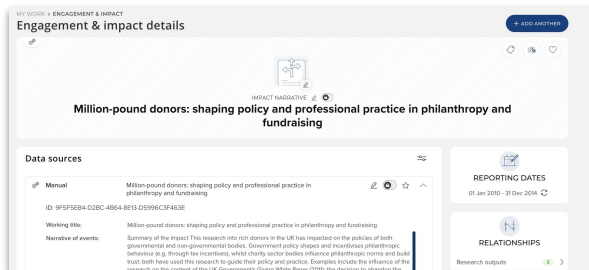
Monitor, map, & understand pathways to Impact through ongoing internal reporting



Monitor **progress towards impact**, rather than reporting retrospectively after the completion of a research project.

Impact activities, pathways, and interim evidence of impact can also be shared more broadly, e.g. with funders, etc.

Collect data to underpin government reporting activities (eg. ERA and REF)



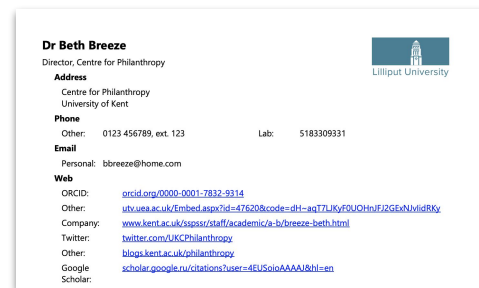
Collect indicators and narratives to **inform the development of case studies**.

Capture completed case studies and link to relevant objects to aid future reporting.

Option to run a **selection & review process** via the Assessment Module if desired.*

**May require additional licence.*

Help your researchers to showcase their impact via CVs & public profiles



Include key impact record types in CVs to help researchers highlight their impact.

Use privacy controls to allow for **targeted showcasing of Impact records** (such as approved case studies) via public profiles.*

**On our Discovery Roadmap, may require additional licence.*

Exploring impact data through reports & dashboards

Quickly and easily generate a data extract from the Elements Basic Reports screen, or create custom formatted reports or data extracts to tailor exports to your needs. Impact data is also available directly via the Reporting Database.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	ID	Impact type	Reporting start	Reporting end	Planned start	Contributor	Summary	DOI	End date	Lead contact	Narrative	Associate	Source	Start date	Title OR Working title	Indicator
2	1009316	Engagement	09/02/2022	09/02/2022		Anderson N	Broad review of the project	09/02/2022	Conley D		Information Systems Lab	09/02/2022	Meeting Senior Management @ ISL			
3	1009318	Engagement	01/01/2021			Shaker G	Article in The Conversation designed to Breeze B				Wrote article for The Conversation	- M	2021	Bill and Melinda Gates: pH Media Engag		
4	1009318	Impact case study				Anderson N				Conley D						
5	1009318	Impact case study	01/01/2014	31/12/2014			This research into rich donor	2014	Breeze B		University of Kent, United Kingdom	2014	Million-pound donors: shaping policy and			
6	1009321	Impact index	03/06/2021				I was interviewed for the RW Fund New Breeze B				Tr interview with Reconstruct RW Fund No	03/06/2021	Both Breeze B in Defence of Interview			
7	1009321	Impact index	12/07/2017				Policy Mention in a report prepared by Breeze B				Department: Australian P	12/07/2017	Collective giving and its role Policy Mentio			
8	1009321	Impact index	01/11/2017				The nonprofit sector contributes to a he Breeze B				Department: Australian P	01/11/2017	Giving Australia 2016: Civil Policy Mentio			
9	1009321	Impact index	13/09/2018				Policy mention in report: Place-based g Breeze B				Department: Australian P	13/09/2018	Place-based giving scheme Policy Mentio			
10	1009321	Impact index	13/09/2018													
11	325101	Impact narrative				Cohen J					News outlets created by Dr Christopher Reddy c Environmental Impact of Oil Spills					
12	326211	Impact narra	01/01/2016				A longitudinal Queensland University of				2016	Funding to the University sector by Phila				
13	326212	Impact narra	01/01/2010	31/12/2014			Summary of the impact This research h				2010	Million-pound donors: shaping policy and				
14	332398	Impact narrative				Harvey A					Research funding received in 2008 from the ARC, re New discovery polymer like substance					
15	332399	Impact narrative					Funding received from the ARC in 2008, created by P New Discovery of Environmental Substan									
16	332405	Impact narrative					ARC & NHMRC funding for project; created by Anne I New drug discovered to aid with breathr									
17	401496	Impact narrative				Allison J	Artificially boosting the body's immune response ag									
18	407968	Impact narrative				Jones E, Davies P	Over the past two decades, design research in the U									
19	410423	Impact narrative				hawking S	The Caldecott/leggo/O'Briscoll laboratories have ide									
20	410487	Impact narrative					Discovering this new disease and its cause is a huge New disease discovery - help to find cure									
21	410707	Impact narrative					Through a series of psychological experiments I show Consequences and psychological process									
22	411410	Impact narrative					Paper published cited in important news story with I Biblical studies with an impact in persia									
23	422929	Impact narrative				einstein A	hbyjvhkbbj; created by Professor Dr Fred Usdar o impact of my research in oscillators									
24	438863	Impact narrative					hijagkjt; created by Marne Gerrell on 08 November 2 reducing crime in malmoo bus stops									
25	439726	Impact narrative					Kijki; created by Professor Gordon Wallace on 18 No engineering theories lead to new bridge									
26	463322	Impact narrative					During the five year period 2012-2017 our research h Scabies Research Impact on Global Healt									
27	463326	Impact narrative					Access to non prescription medicines for treatment, Non Chemical treatment of scabies Imp									
28	469310	Impact narra	01/01/2017	01/01/2022			Supermarket Healthy Eating for Life (S1 01/01/2017) Shelf Study - Supermarket Healthy Eating									
29	469554	Impact narrative				Bowman J	argesp; created by William Gaver on 13 December 2 Design for Patient Safety: Creating signifi									
30	469555	Impact narrative					Inclusive Design: Royal College of Art res									
31	469723	Impact narrative				Wast J	Dimensions is a new scholarly search database that									
32	469827	Impact narrative					Grand funding - new media mentions in Bioportia; New method for radio tracers impact									
33	479286	Impact narrative					description; created by Professor Daniel Hook on 11 Playground design standards									

Image: Sample data extract generated from Elements Basic Reports

Create custom dashboards to identify trends such as to help Impact Officers understand the volume and type of impact records captured in Elements, with direct links to allow administrators to delve into records to review, amend, label or lock.

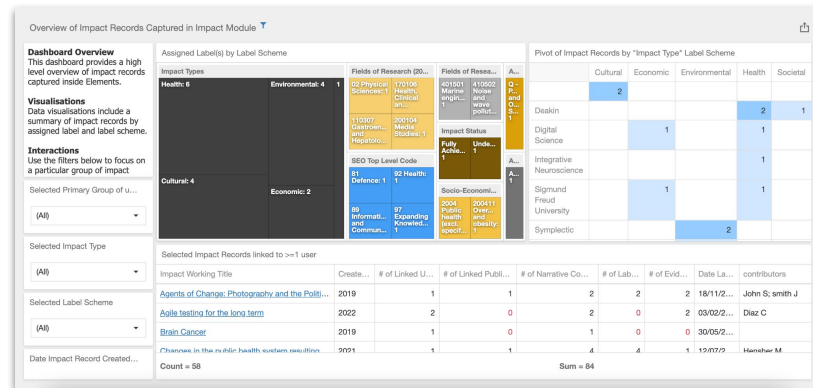


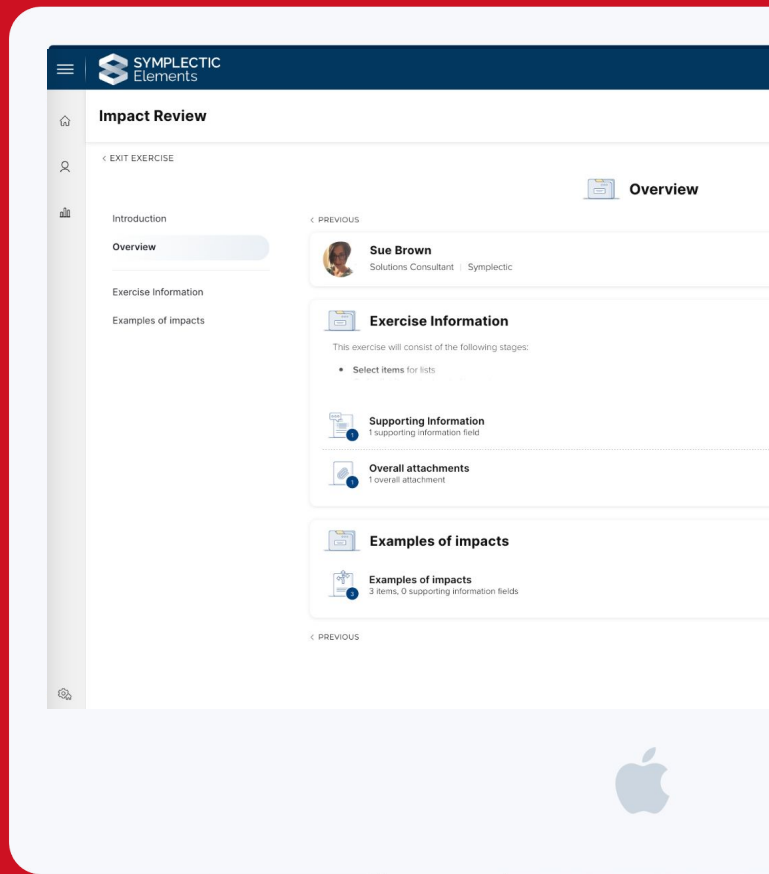
Image: Sample custom impact dashboard showing analysis of labels associated with impact records.

Combine with Assessment for a review workflow

If you would like to run a selection and review process to support the development of impact case studies and/or your government impact return, you can do this by using the Impact Module in combination with the Assessment Module.* Such a workflow will allow you to:

- Ask your researchers to nominate relevant impact records which they feel best highlight their work (eg. engagement activities, impact indicators and impact narratives).
- Funnel those submissions through a review workflow with options to capture comments and scores.
- Report on the resulting data to aid the selection of records for government reporting activities.

**May require additional licence.*



Stock Impact Types



Impact Plan

Capture information about the intended impact of a piece of research & the activities planned to reach those goals.



Engagement Activity

Record engagement activities as they occur & monitor by linking to impact indicators as they arise.



Impact indicator

Track indicators of possible impact, such as mentions in policy papers, notable reviews, or key industry engagements.



Impact Narrative

Record a narrative of events describing the impact of a piece of research.

(formally Record of Impact)



Impact Case Study

Add records relating to impact case studies & link to associated researchers/outputs/activities to support analysis & data reuse.

'Document' and 'Event' types at a glance



Impact Plan


Impact Narrative
(formally Record of Impact)


Impact Case Study

'Document' types

- Designed to capture metadata associated with an impact 'document' which tells the story of the intended or actual impact of a piece of research.
- Can be used to capture metadata to go into such a document, or to describe a document & attach a copy.
- If desired, organisations can design custom reports to export documents.



Impact Indicator



Engagement Activity

'Event' types

- Designed to capture activities/events which may be an indicator of future impact. (eg. mentions, collaborations).
- Encourages the capture of these activities/events at the time they occur, helping researchers build a library which can be built up over time.
- Encourage linking to research outputs & other impact records (eg. narratives & case studies).

Planning to use the Impact Module

When planning to use this new functionality, we recommend you consider:

- **Identify your primary and secondary use cases**
 - Your primary use case is your key driver, but secondary use cases encourage engagement.
 - Increasing the ways you use the data will make data collection feel more worthwhile.
- **Consider your target audiences**
 - Identify the users you need to engage to meet your use cases, and ensure you understand what support they will need and what motivates them.
- **Plan your configurations**
 - Consider which types, fields and label schemes you want to use.
 - Consider if you want to update the nomenclature (Category, Types and Fields)
- **Review existing data assets**
 - Consider if you have any existing sources for this data which could be migrated or fed into the system to save your researchers time and increase engagement.
- **Consider reporting & integrations**
 - By considering the kinds of reports you want to run, or possible re-use in integrated systems early, you can ensure that you are collecting the right metadata to support these.

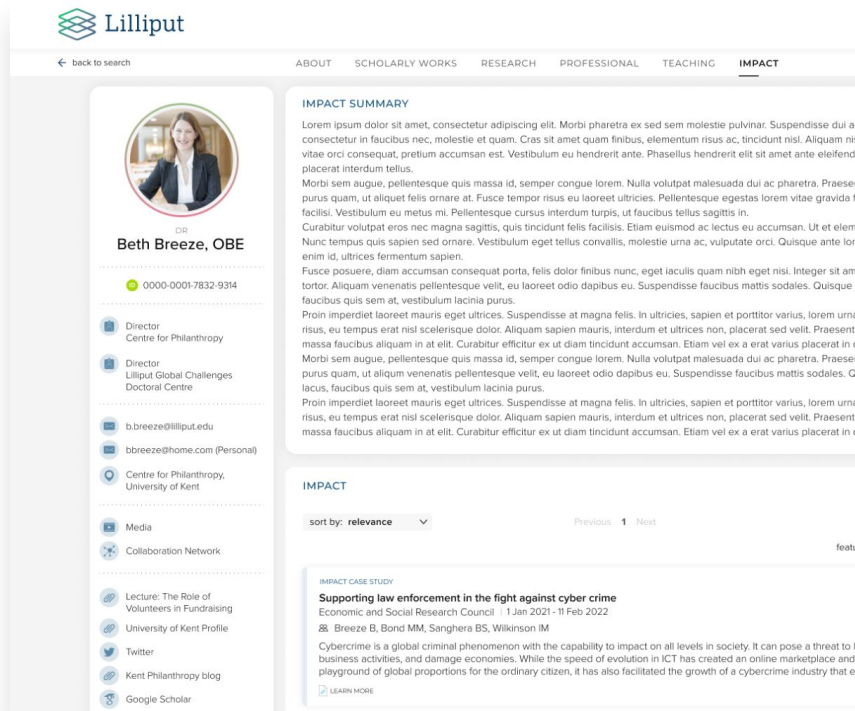
On our roadmap

Highlighting the impact of your researchers

Sharing impact case studies on Discovery can help further demonstrate your researchers' expertise by sharing the reach of their work, and the ways in which their work has impacted society and the world.

To help you showcase your researchers' expertise, we plan to introduce a new optional Impact tab on the expert profile pages in the Discovery Module.

The new Impact tab will allow researchers & administrators to share research impact achievements, whilst our comprehensive privacy settings will ensure you have confidence that only appropriate data will be made publicly available.

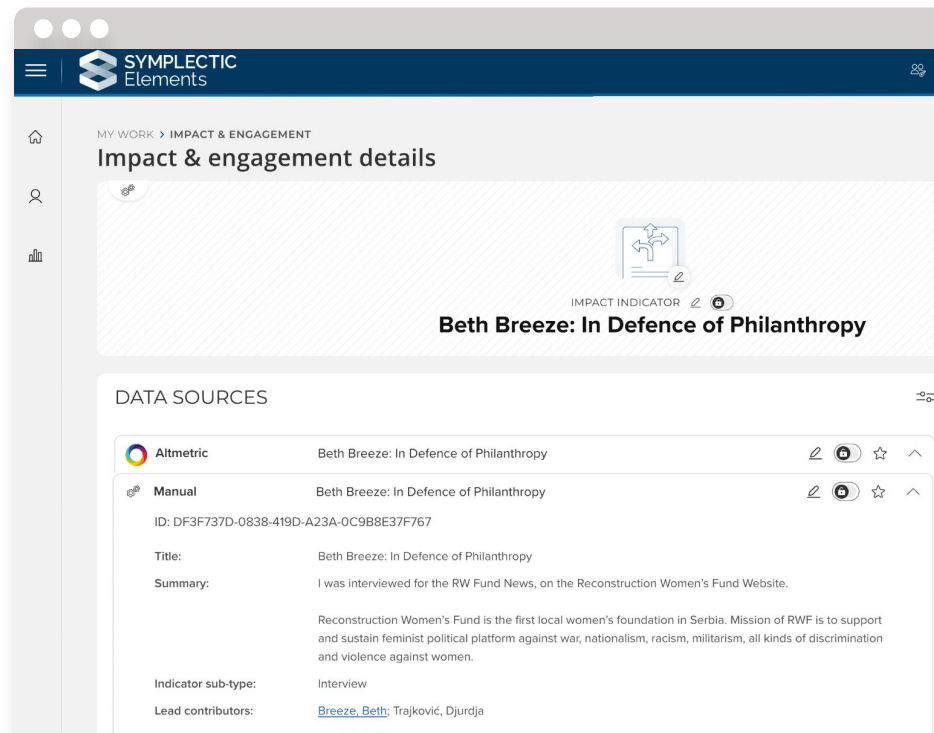


Integrating Altmetric with the Impact Module

Save time and increase data richness by automating the capture of impact indicator records using Altmetric as a data source.

Working with our colleagues from Altmetric, we plan to establish Altmetric as a data source for the Elements Impact Module*, automatically capturing major mentions as Impact Indicator records and linking them to the associated outputs in Elements.

This new unique integration will significantly streamline the process of collecting impact data to support the development of Impact case studies.



Questions?