



# Experiences with a CRIS SETU Waterford

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# What is a CRIS?

A **Current Research Information System** (CRIS) brings research information from all university data sources onto a single, intelligent and secure platform.

It's fully interconnected data model empowers universities to gain a comprehensive overview of all research activities, collaborate beyond borders, maximise funding opportunities, promote open science activities and showcase the impact of the university's achievements.

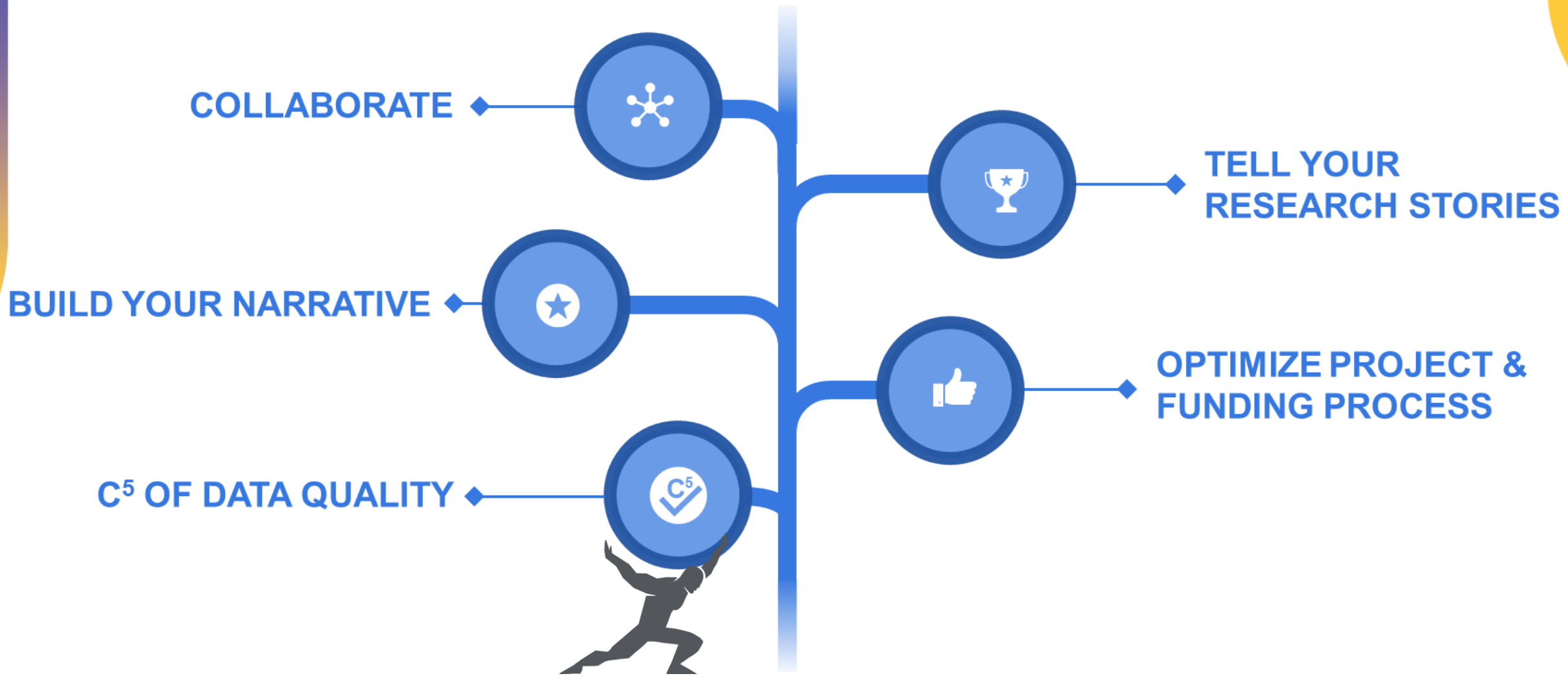
It makes publications, expertise, grants, and achievements highly visible and discoverable via a research portal.

A CRIS can deliver substantial benefits in efficiency and facilitate the implementation of open science, including the possibility of linking specific outputs (publications or data) to the research equipment used in their production for example.

A CRIS has become an essential tool for the day-to-day work of RMAs.

# Why did SETU implement Pure?

- **Showcase our Research**
  - Enhance visibility of research both internally and externally
- **Expertise Discovery**
  - Industry Partnerships
  - Collaborations
  - Attract students
- **Reporting**
  - Strategic Planning
  - Performance Dashboards
- **Repurposing Data**
  - Webpages
  - CVs
- **Centralised Information Repository**
  - Research outputs, impacts and activities



# Who is in Pure?

**Up to 374 profiles** (we pay by the number of profiles)

All Schools at WIT (Initial data from HR)

## **ACTIVE RESEARCHERS at WIT (Phase 2 to include Carlow researchers)**

Typically, research active staff members as per the Definition and Organisation of Research at WIT (approved by RIEC and confirmed by Heads of School)

Postdoctoral researchers, research scientists/ engineers and research assistants

Research Masters and PhD Students

### **Exclusion Criteria**

Academic staff who are not research active

Taught Masters students

**Upon request**, people who are active in research as per above definition ([pure@wit.ie](mailto:pure@wit.ie)) ... must have demonstrable research outputs

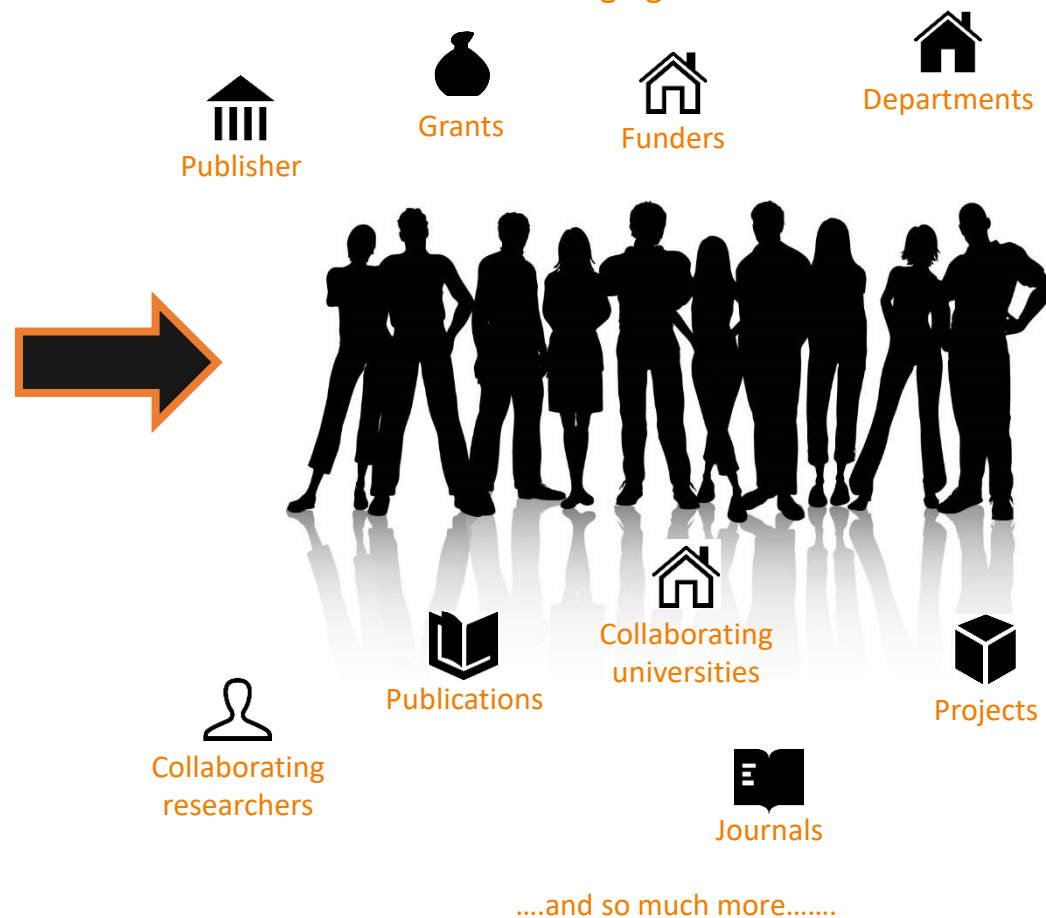
# What is Pure?

# A Research Information Management System (RIMS)

from cataloging publications

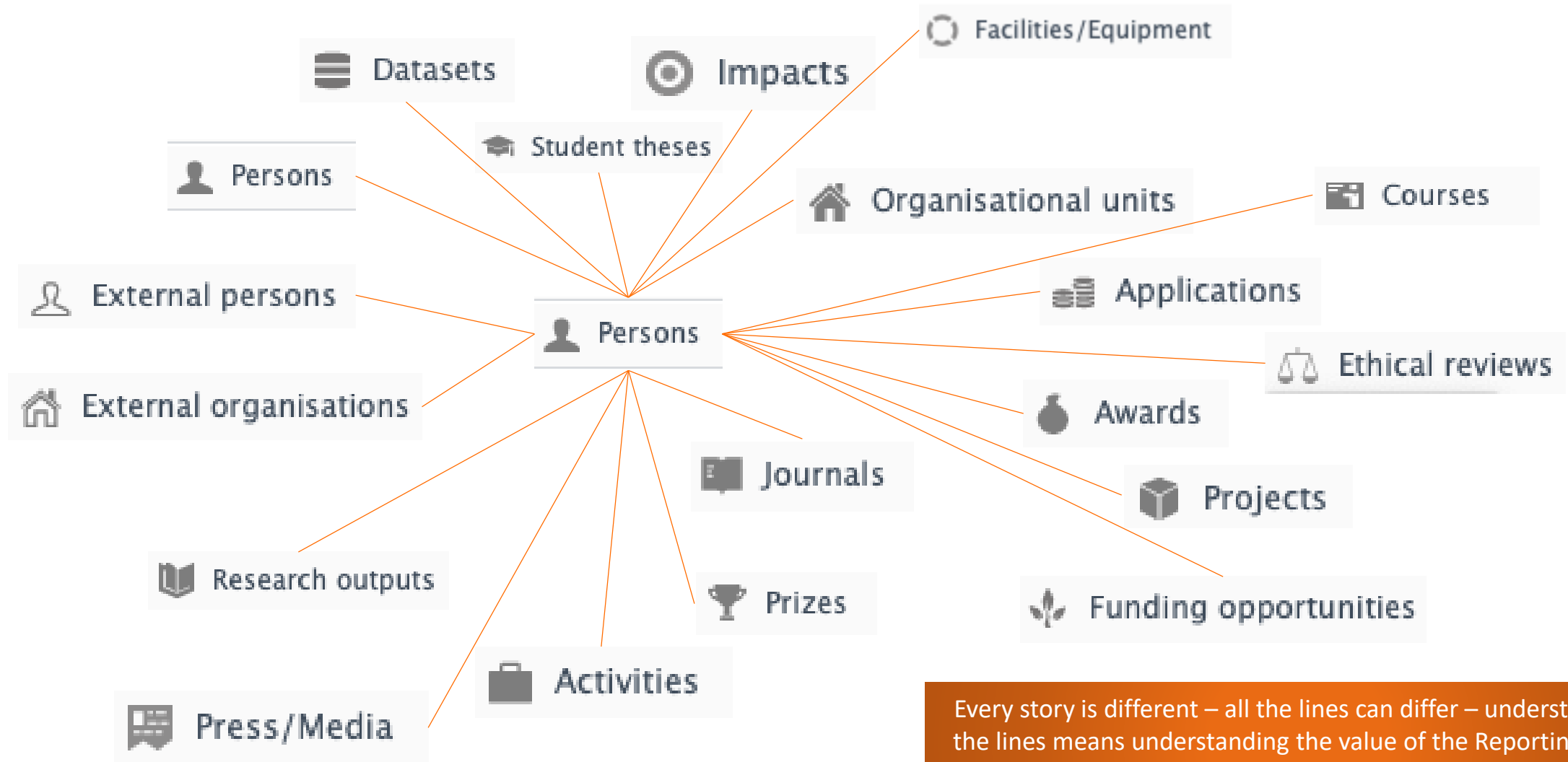


...to cataloging research assets



Credit: Scott Warren, AUL Syracuse University, USA

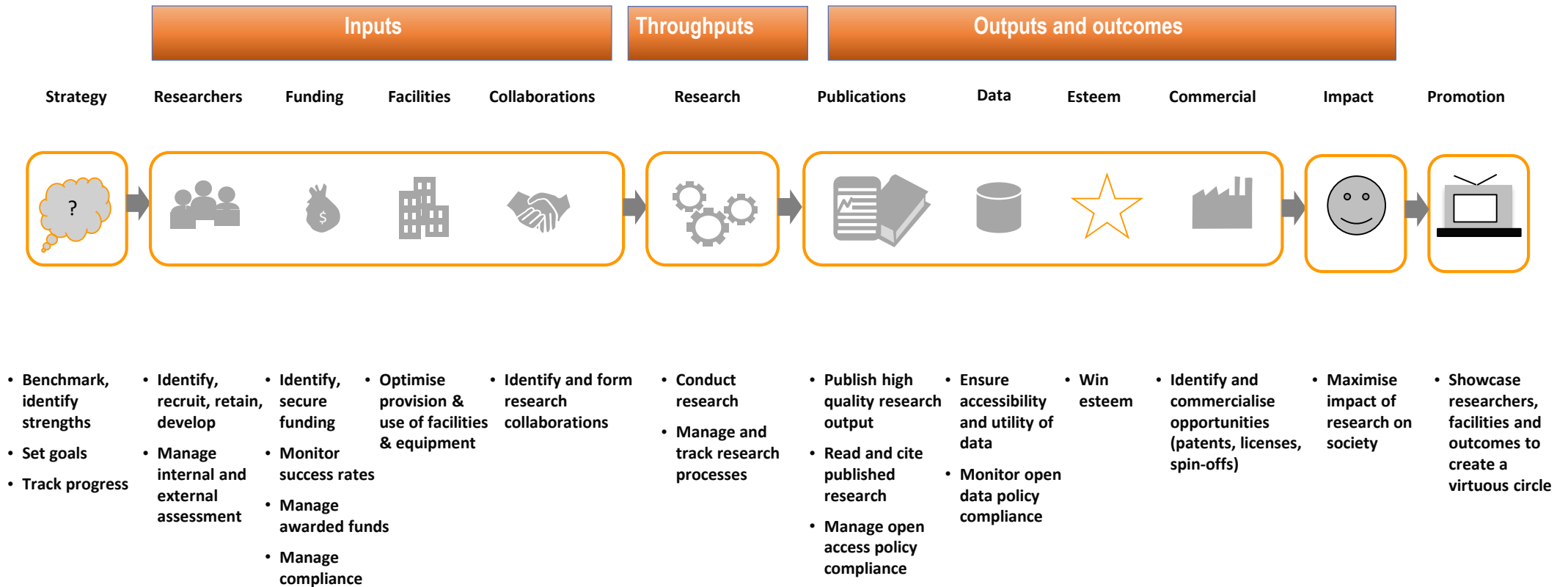
# Researcher centric



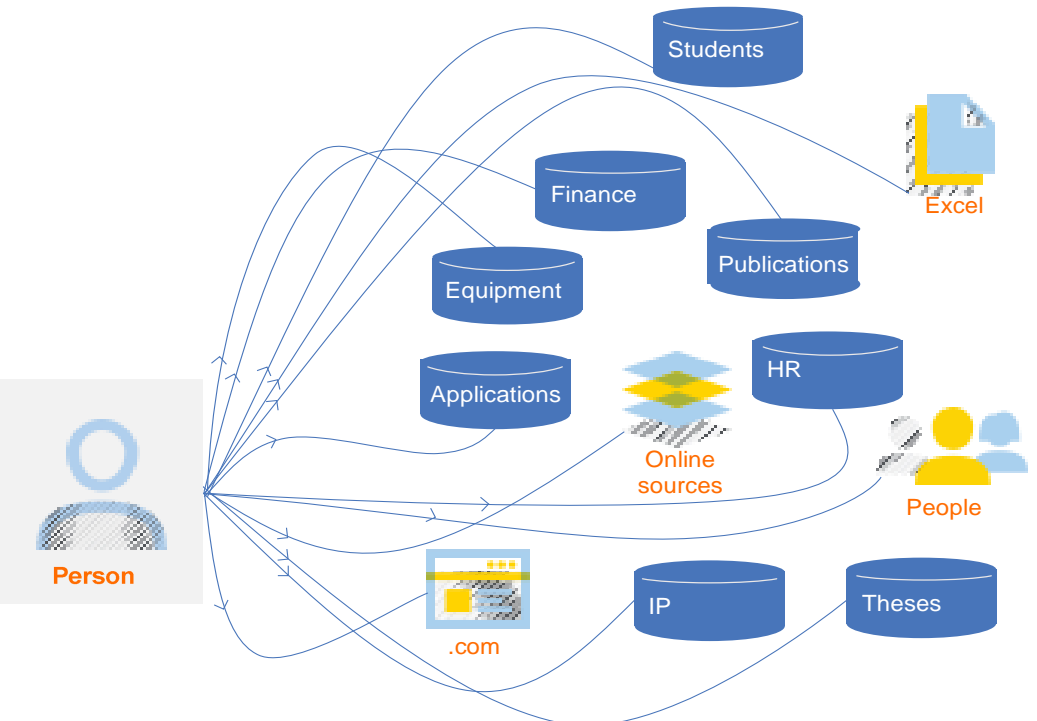
Every story is different – all the lines can differ – understanding the lines means understanding the value of the Reporting tools (aggregations and values)



# Researcher life cycle



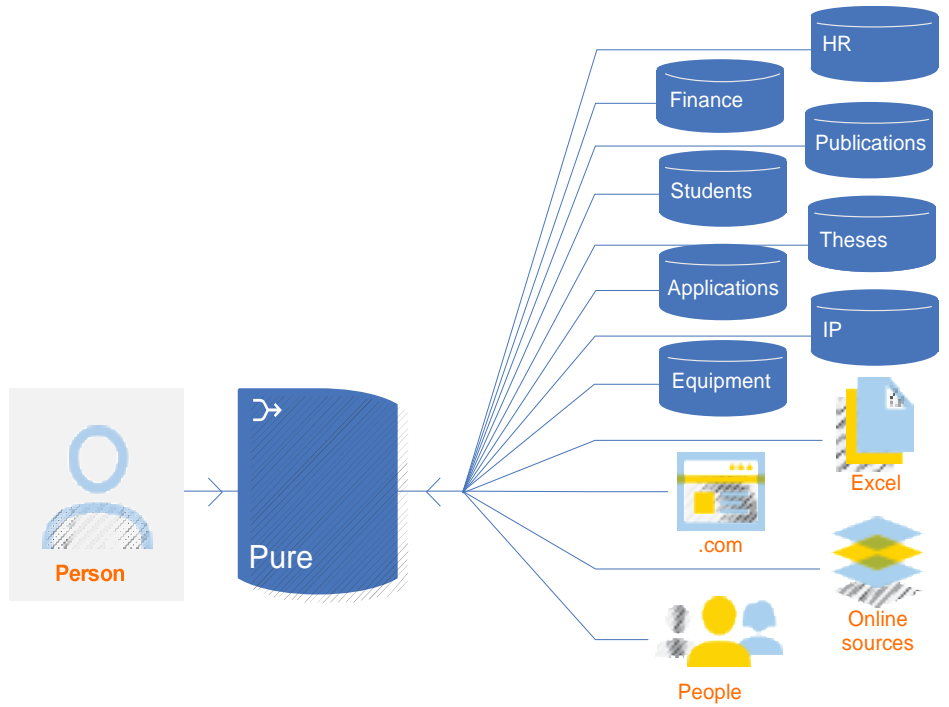
# An integrated IT-eco system



## Disconnected Data Sources

**Complicates** research management, administration and networking and collaboration

Multiple IDs
Disparate information
Disconnected data
Non-homogeneous data
Available at high cost in FTE



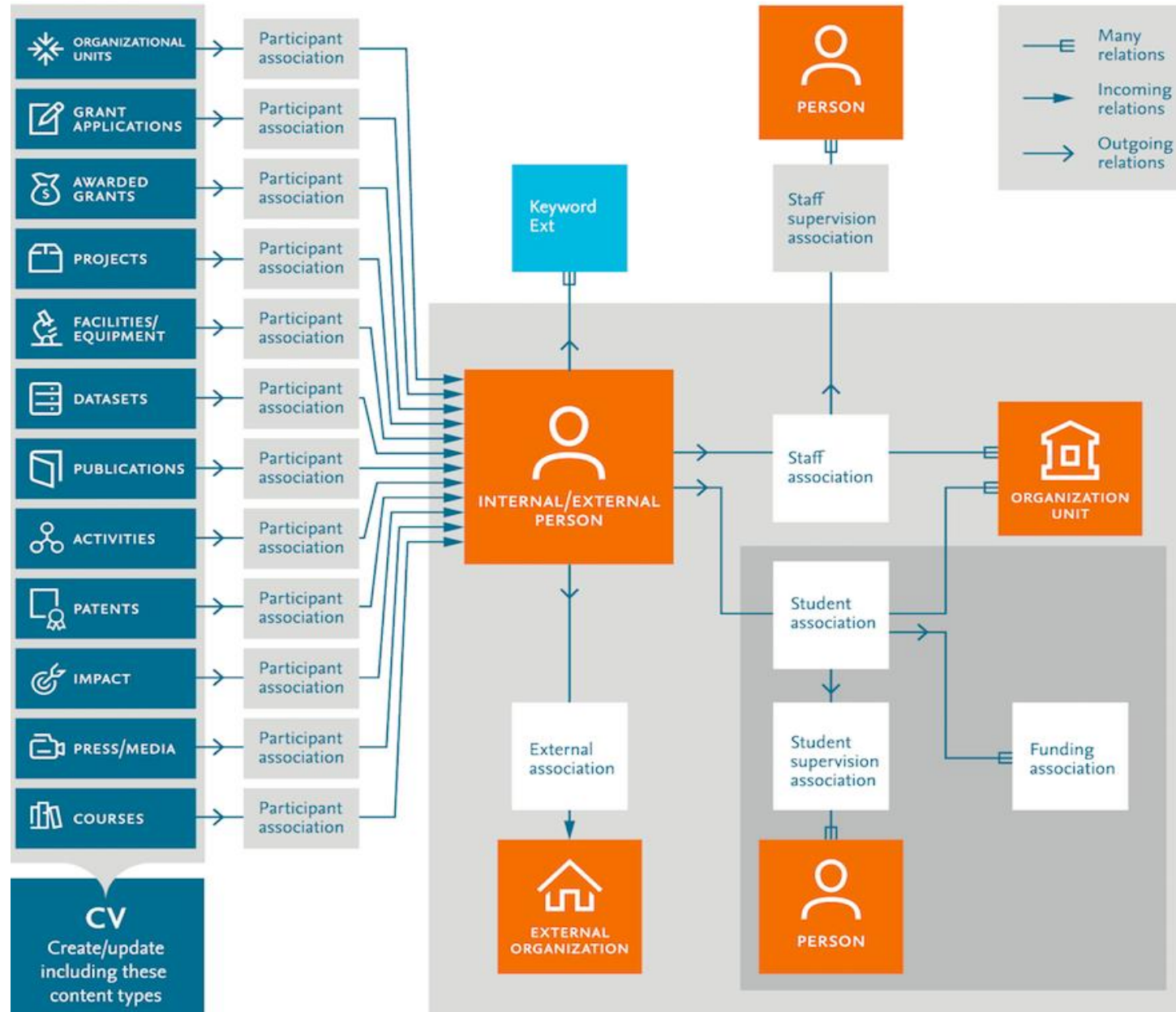
## Pure Integration

**Simplifies** research management, administration and researcher networking and collaboration

Unique IDs
Structured information
Interconnected data
Homogeneous data
Available at low cost in FTE

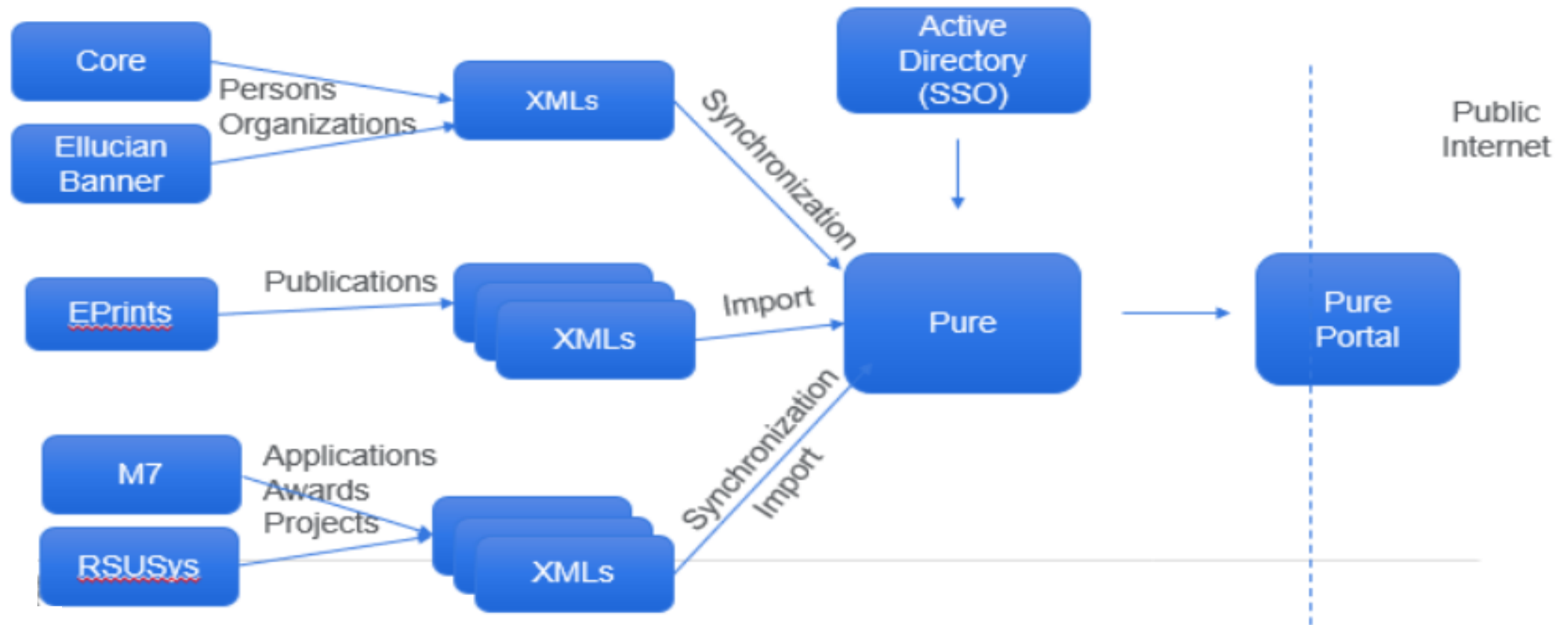
# The data model:

## The Pure Data Model



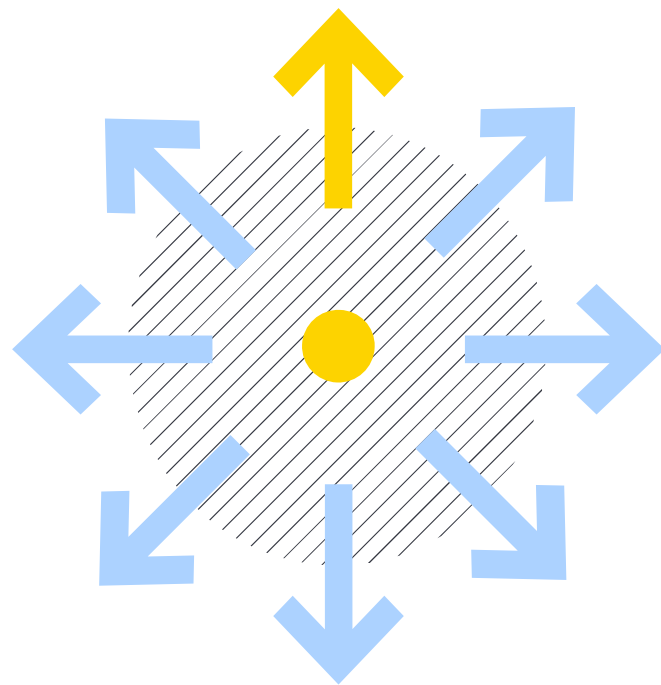
# System Landscapes and Integrations

## Scope: System Landscape and Integrations



# Pure Modules as part of the software solution

Software & Applications



Core Module



## Award Management Module

Streamlines and automates the management of research projects.



## CV Module

Helps researchers efficiently create CVs capturing Pure data in standard formats.



## The Pure Portal

Publicly-accessible website that showcases curated content in Pure.



## Reporting Module

Enables you to generate reports on all data stored in Pure.



## Pure Community Module

Allows institutions to choose the data they share

Digital Commons  
(repository and journals)

Funding Institutional

Scopus

SciVal

Newsflo

Data Monitor

System Agnostic

# Who manages the information in Pure?

## The Researcher (or proxy) can manage\*:

- Name – Default Publishing Name, Former Name
- Titles – Additional Standalone Titles
- ORCID, Scopus ID, Mendeley Profile ID
- Profile Photo
- Links to Researcher Pages
- Research Interests / Profile text
- Positions outside of WIT
- Activities, Prizes
- Education / Academic / Professional Qualifications
- Fingerprints – Manually adjust certain keywords
- Additional Research Outputs
- CV

Initial data comes from CoreHR

# Who manages the information in Pure?

## Elsevier manages:

- New publications (automatically added from Scopus)
- Metrics
- Fingerprinting
- Profile Refinement Service
- Organisation Affiliations
- Publication affiliations with authors and organisational units

# Who manages the information in Pure?

## The Research Office manages:

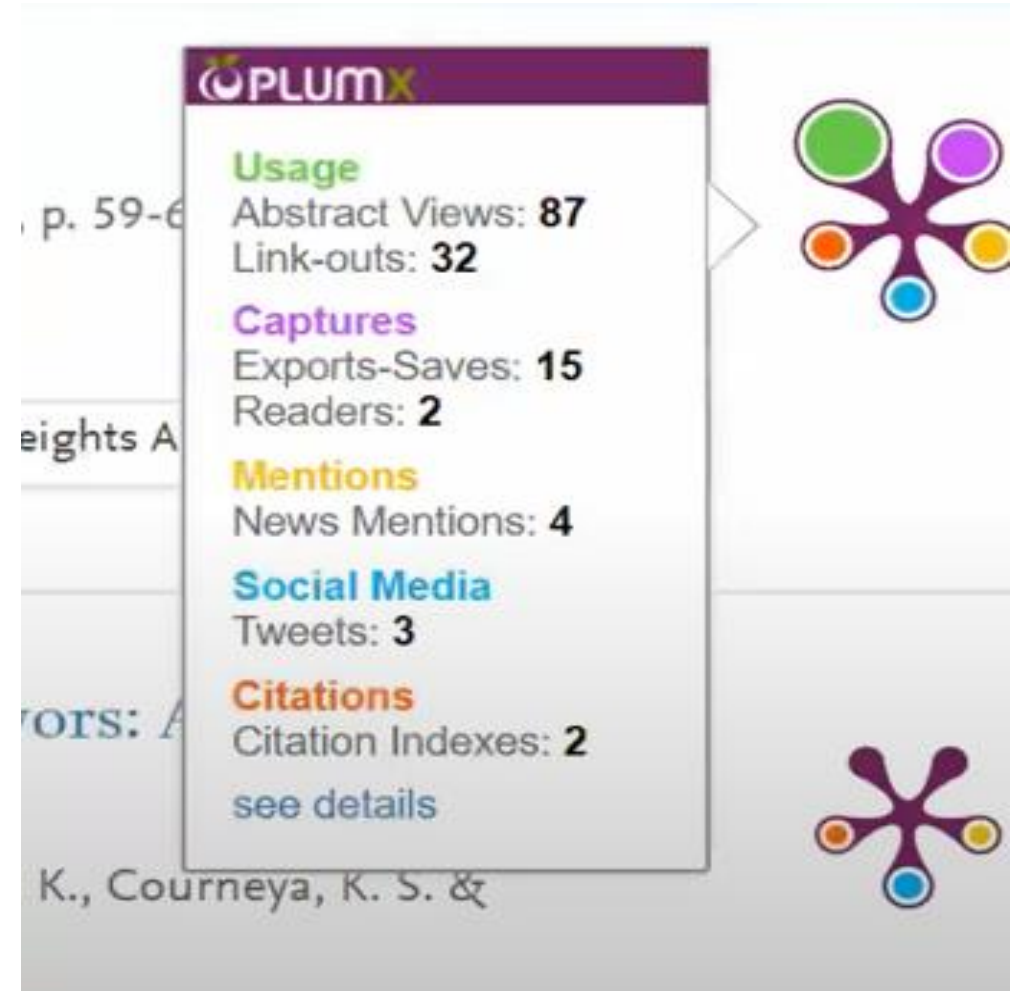
- Adding researchers (and administrators) and research units by coordinating with HR, Schools, Institutes and Centres
- A WIT person/profile data must include:
  - Staff id
  - Name
  - Organisational Affiliation
  - Visibility (of group or person)
  - Titles/Associations (e.g. Department of Engineering Technology, Lecturer)
  - Grants, Projects



# Initial Research Output comes from Scopus and Plum Analytics

## Other possible import sources:

- Mendeley
- JournalTOC
- Web of Science
- arXiv
- CAB Abstracts
- PubMed
- Worldcat
- SAO/NASA Astrophysics Data system
- Embase
- CrossRef
- Espacenet
- Scielo
- CiNII
- EbscoHost
- GVK





# Benefits of Pure to the Research Manager

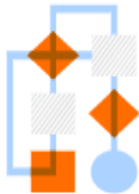
Transform your office's ability to collect and manage data, guide decision making and deliver new insights.



Seamlessly maintain complete reporting on connected research activity and current compliance.



Drive connectivity between multiple research teams by easily organizing institutional and research activity data.



Maintain multiple project workflows for accurate tracking across research activity and milestones.



Advance academic goals by elevating institutional performance and streamlining grant applications and research outputs.

# Benefits of Pure to the Library and Information Science Professionals

Leverage a highly proactive and responsive interface to enable efficient institutional archiving and enhanced research visibility.



**Generate actionable insights** by supporting connected and accurate reporting on real-time research activity.



**Support collaboration** among various research teams through organized overviews of research activity data.



**Enable precise tracking** of the entire funding lifecycle and various research milestones by supporting multiple project workflows.



**Boost institutional visibility** via compelling stories, vibrant public profiles and tailored views of your institution's research activities.

# Benefits of Pure to the University Leaders

Take advantage of a cohesive research ecosystem to augment research performance, funding and institution-wide decision making.



Access complete research visibility via connected internal and external reporting on research activity and compliance.



Improve research perception among potential collaborators by organizing and showcasing institutional accolades.



Capitalize on funding opportunities with easy and clear visibility into workflow activity and milestones.



Demonstrate global impact with quantitative and qualitative indicators interlinked with research output.

# Pure has two faces



Your institutional users only

- Administrators
- Researchers



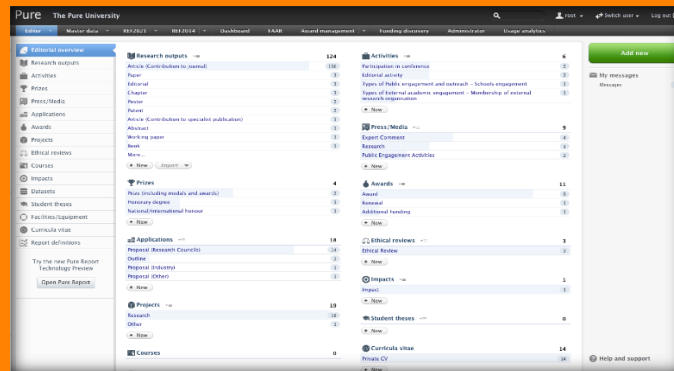
External institutions/organizations

- University
- Industry

Controlled access

www.research.wit.ie

## BACK END APPLICATION



Data Management, Reporting, Profiling

DATA

## FRONT END PORTAL



Discovery, Showcasing, Compliance

AWS

# Any Questions?



**New current research  
information system to give SETU  
a competitive edge**

25 April, 2022

setu.ie  
**INSPIRING FUTURES**



# Lessons Learned



- **Seamless Integration ... was not so seamless**
- **Have a point of contact, who has time to help with access to data in HR, MIS, Library, Finance (can cause huge delays)**
- **Don't underestimate the time in accessing data (quality data)**
- **Cleaning up Institutional data was time consuming**
- **Start the engagement process now**
- **Communicate, Communicate, Communicate**
- **Launching Pure is not the end it's only the beginning**

