FROM CONCEPT TO REALITY: THE NUCLEUS IMPLEMENTATION ROADMAP

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OUTLINE

- Introduction
- Purpose of Roadmap
- The Roadmap – Components of Development
- Building Communities: Examples
- Interactive part – Strive for Better
- Questions

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PURPOSE OF ROADMAP

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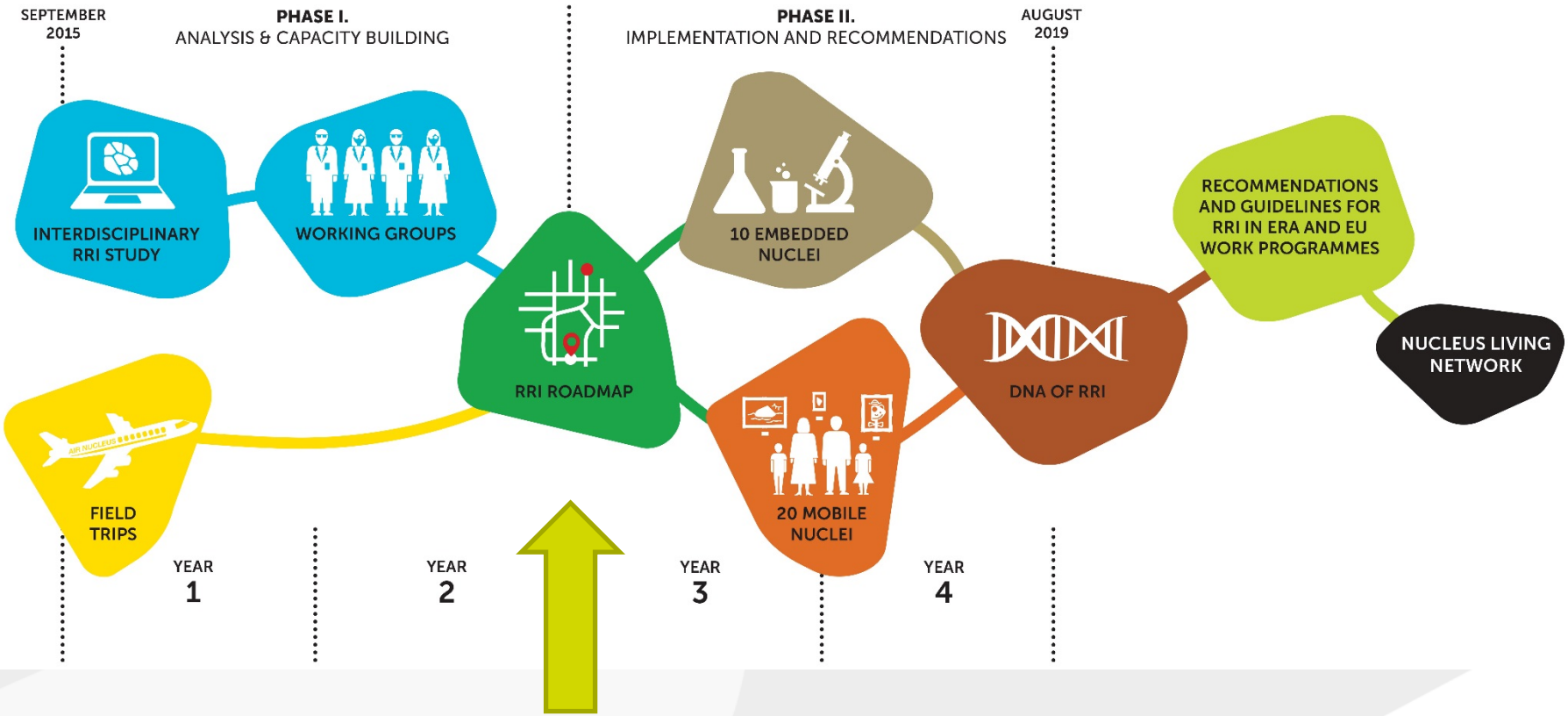
THE NUCLEUS PROJECT

TIMELINE



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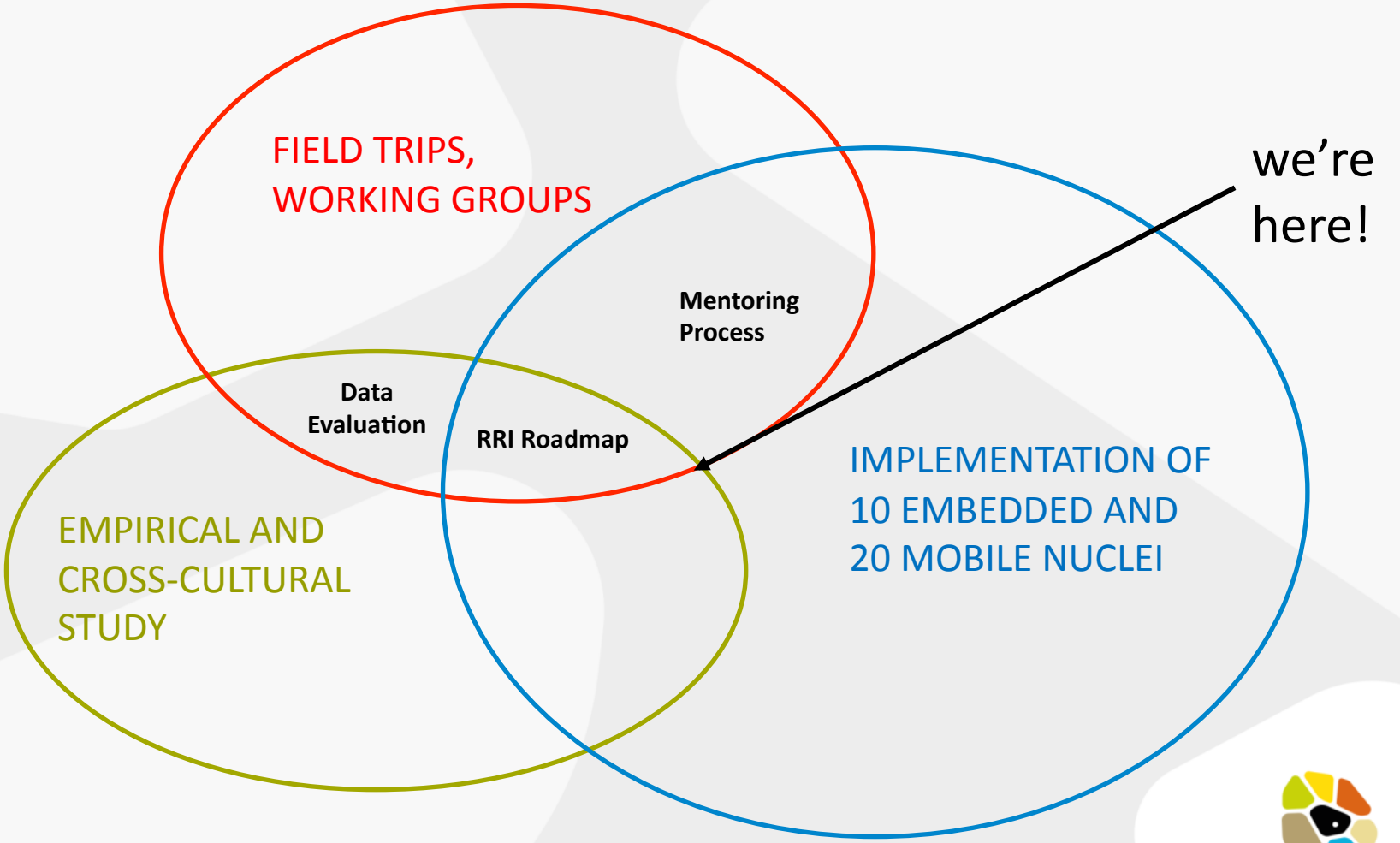
FIELD TRIPS,
WORKING GROUPS
we're
here!
Mentoring
Process
Data
Evaluation
RRI Roadmap
IMPLEMENTATION OF
10 EMBEDDED AND
20 MOBILE NUCLEI
EMPIRICAL AND
CROSS-CULTURAL
STUDY

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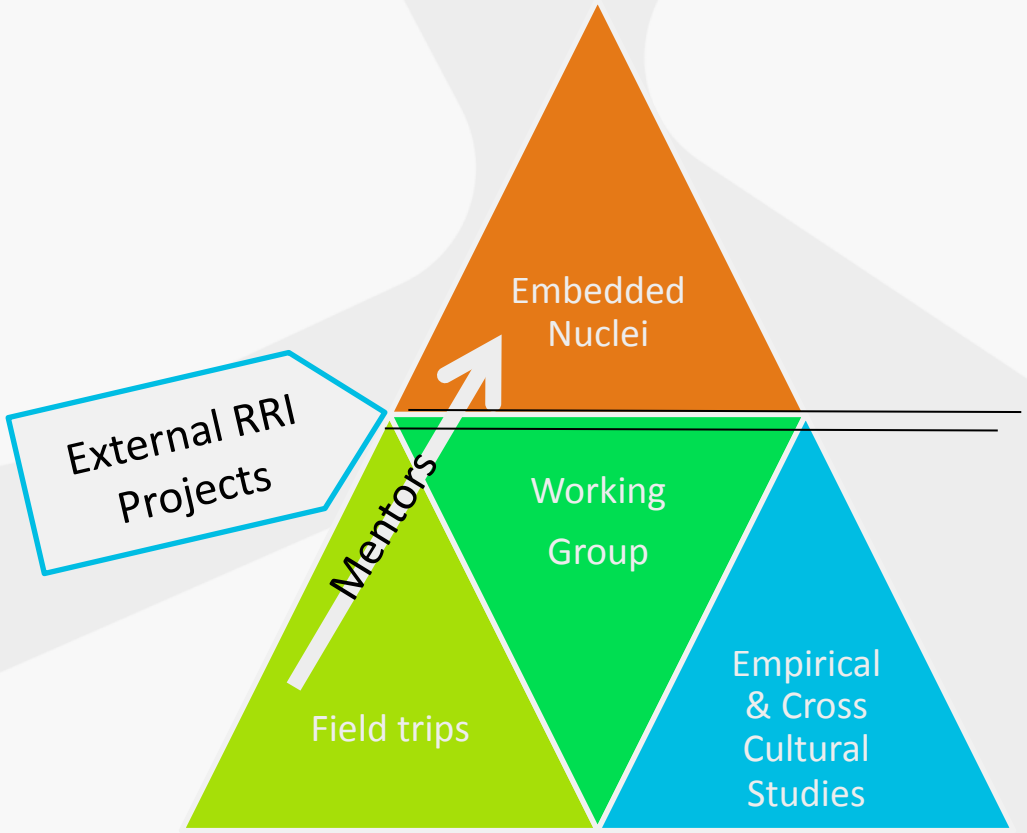
THE PROCESS



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WORKING GROUPS

November

- ***Setting the Scene***
- **Bochum**
- Timeline
- RRI landscape
- Senior leadership
- Mentoring policy

March

- ***Planning for change***
- **Belgrade**
- Assessment results
- Theory of Change
- Shared Objectives
- Staff recruitment

June

- ***Concept to reality***
- **Tbilisi**
- Steps for Embedded Nuclei
- Act locally, think globally
- Develop Toc
- Assessment indicators

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Cell 1: Universities and Research Institutions
Main Partner: University of Edinburgh
FIELD TRIP: Edinburgh
Cell 2: Public Engagement
Main Partner: University of Aberdeen
FIELD TRIP: Beijing
Cell 3: Civil Society
Main Partner: University of Aberdeen
FIELD TRIP: South Africa
Cell 4: Media
Main Partner: Dublin City University
FIELD TRIP: Online
Cell 5: Public Policy
Main Partner: University of Edinburgh
FIELD TRIP: Nottingham
Cell 6: Economy
Main Partner: Dublin City University
FIELD TRIP: Dublin
RRI Roadmap

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NUCLEUS Goals and Considerations
Private
Goal: Build institutionalised bridges between the research community, stakeholders and the general public
Definitions
Definition: Instiutional bridges ensure long term relationships and future joint working on a variety of projects
Field Trip Recommendation
Method
Person or group who are responsible for relationship management
Definitions
• This goal is focused on making stakeholders outside academia more responsive to science, and making science more responsive to societal needs.
Definitions
• Not only focuses on knowledge transfer but focuses on implementing the new ideas into the governance structures of Higher Education Institutions
Definitions
• Bridges represent the two-way dialogic process of exchanging ideas between the Embedded Nucleus and representatives from the six stakeholder cells. The NUCLEUS project not only encourages the knowledge transfer with the stakeholders but focuses on implementing the new ideas derived
Add a card...
Goal: Catalyse ongoing debates about the role of science in open societies
Study Recommendations
Method
RRI Champions
Study Recommendations
Method
Create and facilitate means and platforms for sharing best practice and knowledge
Field Trip Recommendation
Method
Language of RRI – RRI is an unfamiliar term. Current gaps between the understanding of what RRI is in theory and practice
Study Recommendations
Field Trip Recommendation
Method
Training researchers – to engage with different societal actors, using an RRI approach.
Goals
Study Recommendations
Educate and share knowledge with public to increase scientific literacy
Field Trip Recommendation
Method
RRI training for journalists *from media Field Trip which isn't included in the D4.10 document
Study Recommendations
Method
Interdisciplinary analysis of social
Add a card...
Goal: Develop, nurture and support new forms of trans-disciplinary research including RRI principals in the scientific community.
Study Recommendations
Method
RRI Champions
Field Trip Recommendation
Method
Person or group who are responsible for relationship management
Goals
Study Recommendations
Create socially responsible & community orientated research
Study Recommendations
Method
Interdisciplinary analysis of social impact of research and innovation
Add a card...
Goal: Stimulate co responsibility of all actors involved in the process of research and innovation
Study Recommendations
Field Trip Recommendation
Method
Incentives – RRI must be incentivised for researchers and societal actors (funding, rewards). Engagement programme for academics through funding, career progression. - Incentivise RRI, Identify RRI Champions
Study Recommendations
Field Trip Recommendation
Method
Training researchers – to engage with different societal actors, using an RRI approach.
Goals
Study Recommendations
Widening and equal access to research
Goals
Study Recommendations
Create socially responsible & community orientated research
Goals
Study Recommendations
Educate and share knowledge with public to increase scientific literacy
Field Trip Recommendation
Method
RRI training for journalists *from media Field Trip which isn't included
Add a card...
Goal: Question and redefine the prevailing notion of 'participants'
Study Recommendations
Method
RRI Champions
Field Trip Recommendation
Method
Language of RRI – RRI is an unfamiliar term. Current gaps between the understanding of what RRI is in theory and practice
Field Trip Recommendation
Method
Local knowledge and partnerships – the Roadmap must take into consideration the contextually situated data collected in different geographical locations
Goals
Study Recommendations
Create socially responsible & community orientated research
Goals
Study Recommendations
Educate and share knowledge with public to increase scientific literacy
Field Trip Recommendation
Method
RRI training for journalists *from media Field Trip which isn't included in the D4.10 document
Add a card...

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ROADMAP STEPS

STEPS FOR THE EMBEDDED AND MOBILE NUCLEI

Step 1: Identify the context - mapping the RRI landscape

Step 2: Tailor goals and plan to local context

Step 3: Build on strengths and improve on challenges

- Embedded Nuclei - select two cases
- Mobile Nuclei - select an activity

Step 4: Continuous actions

- Reflect and respond
- Build relationships
- Monitor and evaluate

Step 5: Analyse progress

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BUILDING NUCLEUS RRI COMMUNITIES

Examples of communities of practice in other areas

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COMMUNITIES

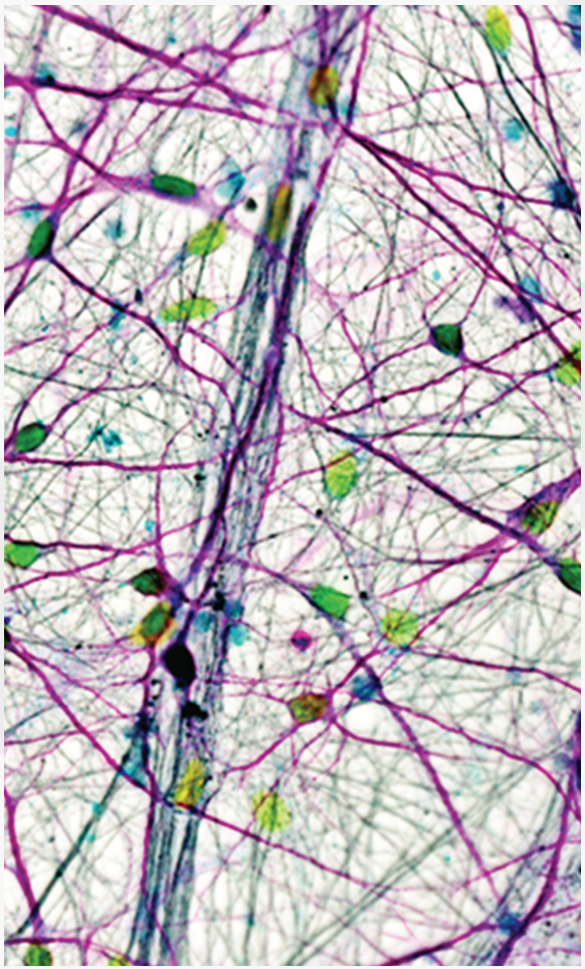

photo by Nina Rzechorzek and Siddharthan Chandran .- Human Circuits in a Dish

- Networks
- Share knowledge
- Peer support
- Sharing best practice
- Championing RRI
- Shared understanding

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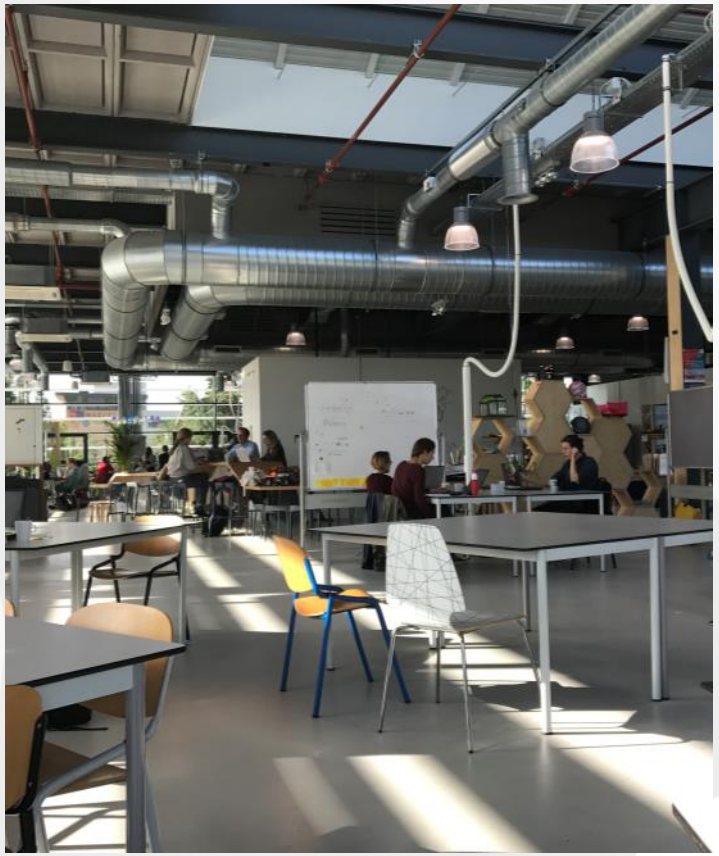
THE DESIGN LAB @ TWENTE

- Physical space
- Resources
- Fellowships
- Open access
- Workshops
- Mix of disciplines, students, staff and externals



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BELTANE PUBLIC ENGAGEMENT NETWORK

- Networking events
- Working groups
- Fellowships
- Training
- Sharing best practice
- Website
- Mix of disciplines, universities, externals

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MALTA – GENDER MAINSTREAMING

- Research area
- Institutional committee
- Senior champions
- Mentoring programme
- Links into other networks and boards

Dr Brenda Murphy
Department of Gender Studies
The University of Malta

https://www.um.edu.mt/think/mainstream-gender-mainstream-funding/

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STRIVE FOR BETTER

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DEVELOPING YOUR COMMUNITIES

To discuss at your tables:

- Do you know of examples of CoI that work well in your institution?
- Which elements do you think will work in the context of RRI at your institution/ country / situation?
- What will your first steps be?

UNIVERSITY OF TWENTE.

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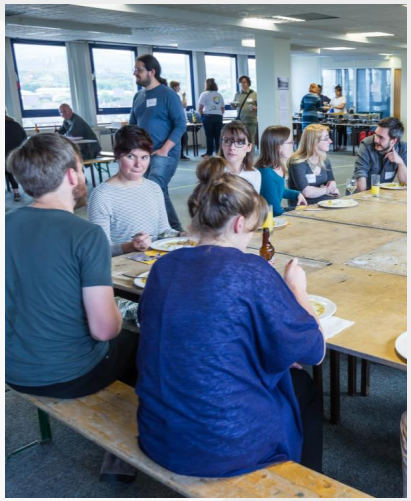

- Physical space
- Resources
- Fellowships
- Open access
- Workshops & training
- Mix of disciplines, students, staff and externals

- Share knowledge
- Peer support
- Sharing best practice
- Championing
- Shared understanding
- Networks, Networking events
- Working groups
- Sharing best practice
- Website
- Research area
- Institutional committee
- Senior champions
- Links into other networks and boards
- mentoring

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WRAP UP

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THANK YOU!

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