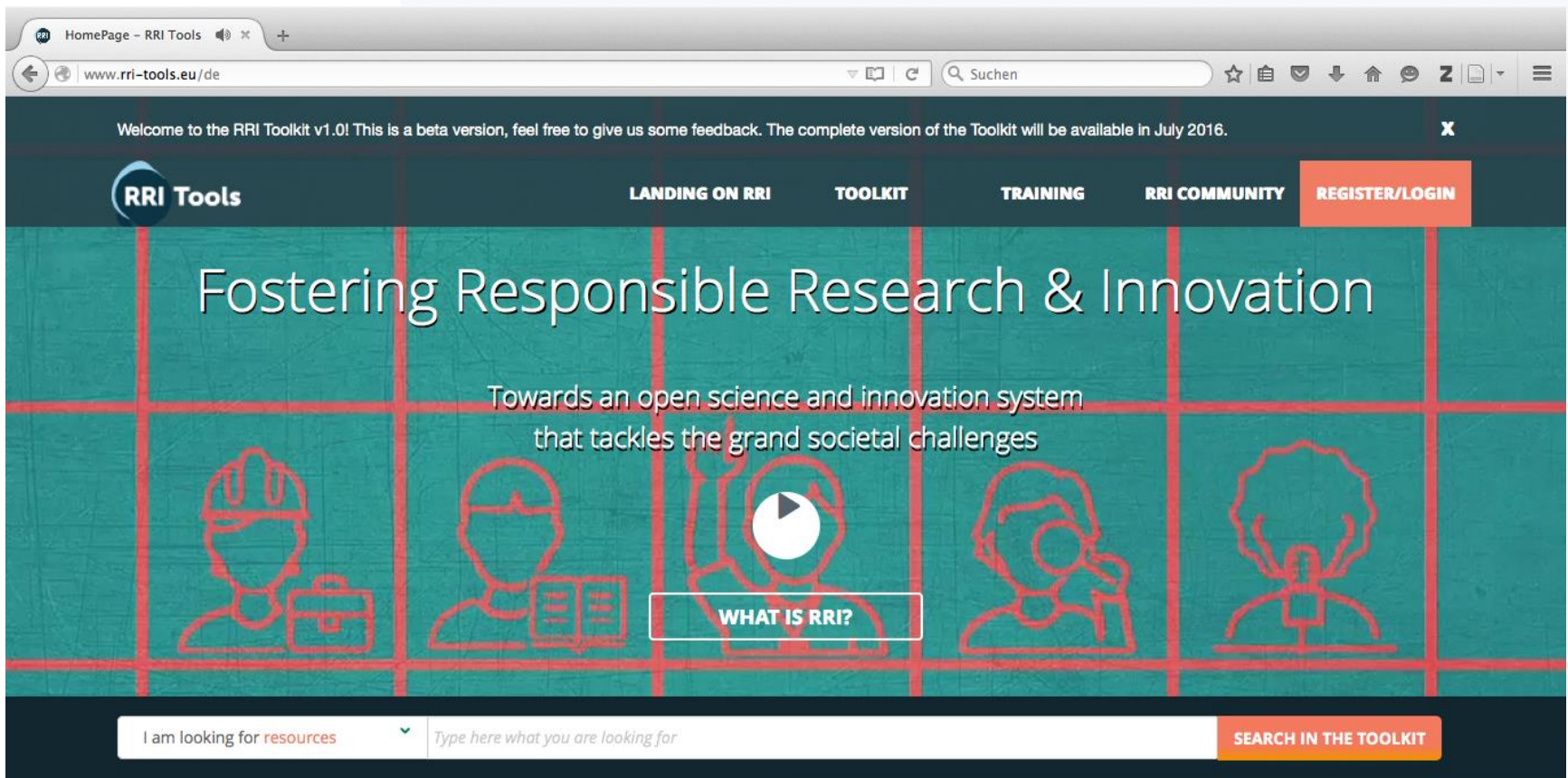


# Measuring RRI – a shift of perspective on evaluation?

Open Evaluation Conference, 24. November 2016

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Margit Hofer, ZSI

## Das RRI – Tools Project



Find tailored information according to...

## RRI Tools

EU 7<sup>th</sup> Framework Program project

26 Partner

19 Hubs for 30 Countries

Dec 2013 – Dec 2016



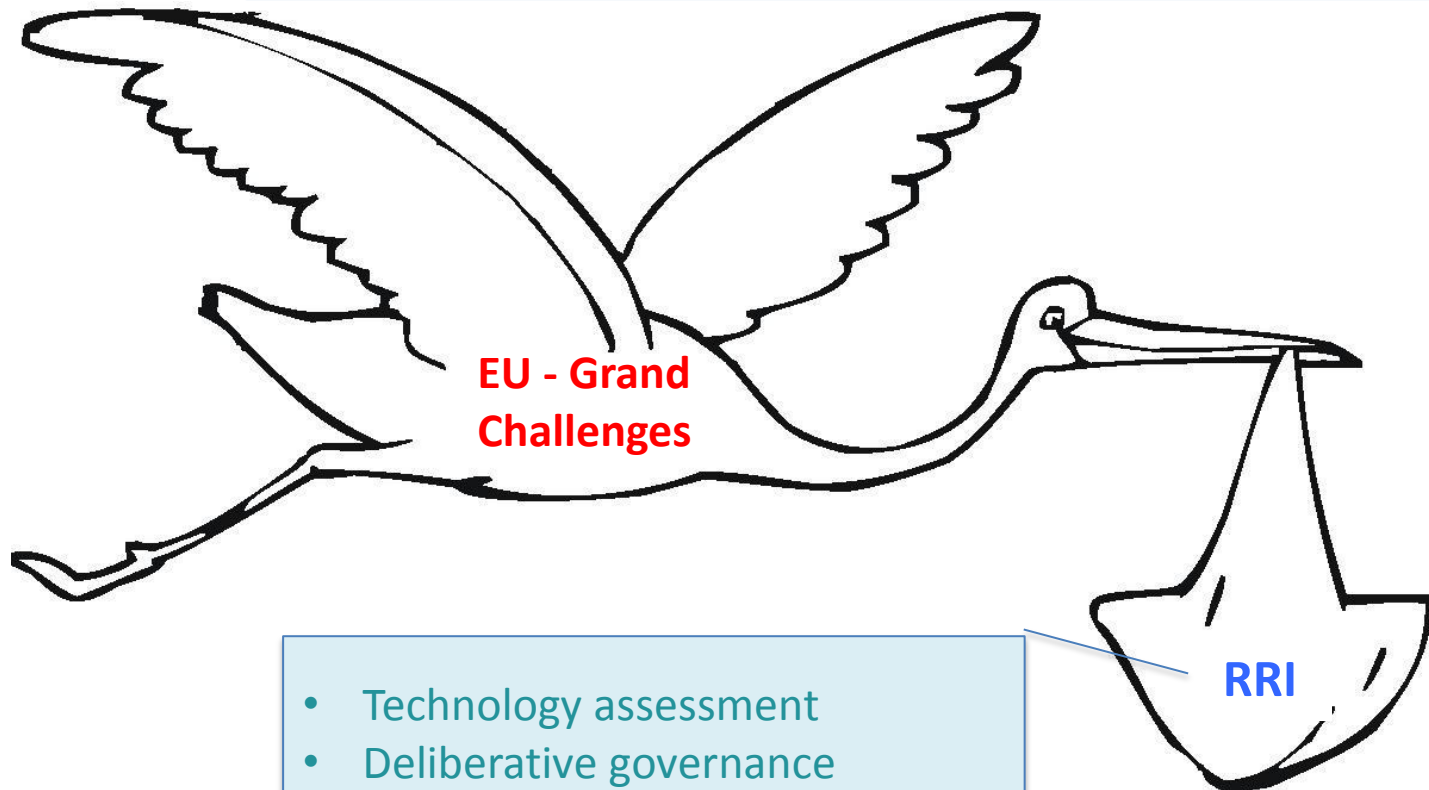
**Main goal:** Develop a training and dissemination toolkit for RRI



*Information, awareness raising and  
Community of Practice on RRI*



# Der Ursprung von RRI



- Technology assessment
- Deliberative governance
- Public engagement
- ELSA research
- Corporate social responsibility
- Research approaches
  - Participatory
  - Transdisciplinary

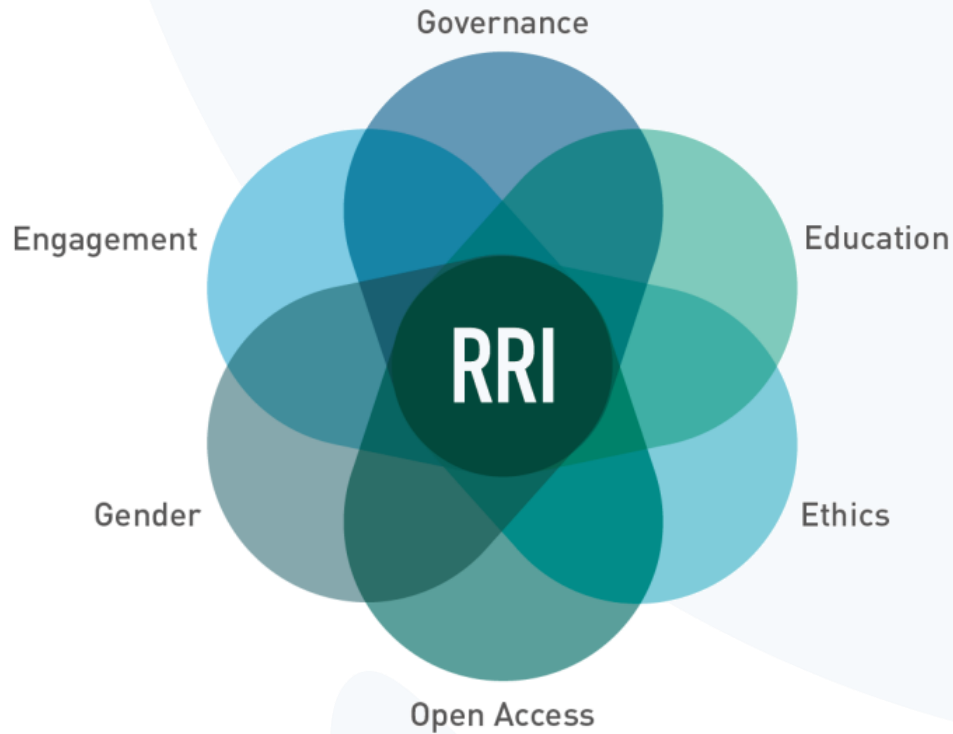
## What is RRI?

- Research and innovation aimed at sustainability
  - Addressing Grand Challenges
- Engaging society at large
  - Sensitive to social values
  - Shared responsibility amongst variety of stakeholders

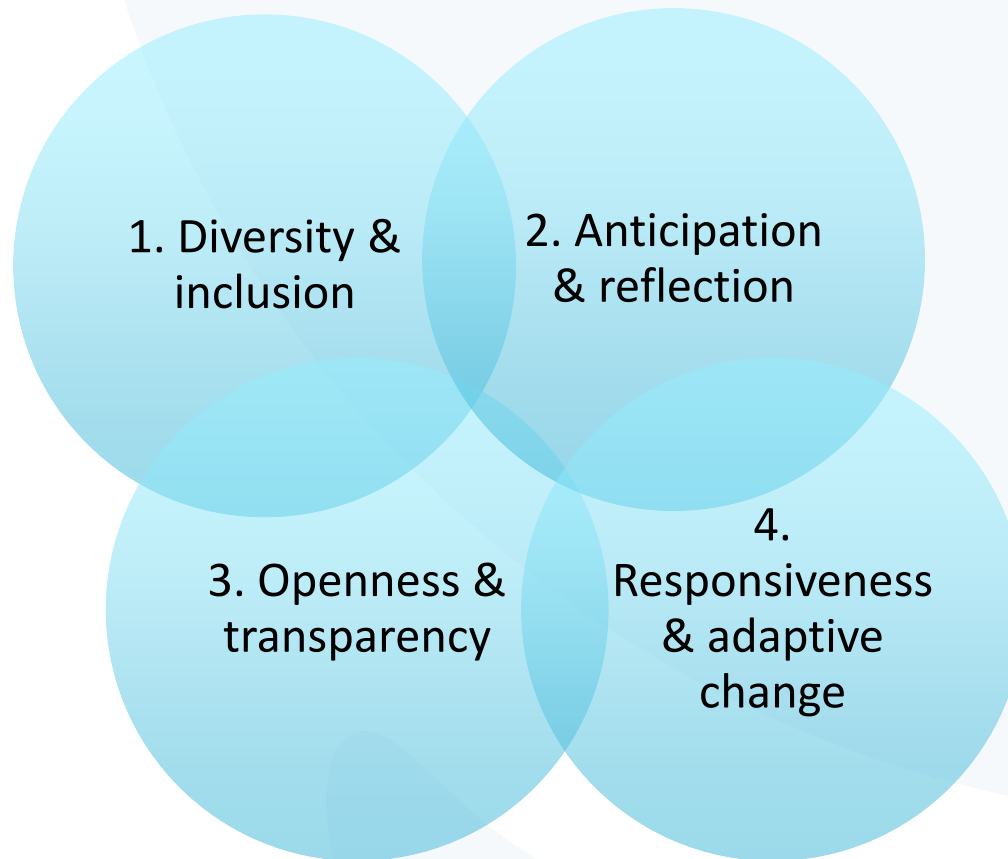
## When RRI?

- Ongoing, iterative process

## EC Dimensions as powerful policy agendas



## Process requirements



## Outcomes

### 1. Learning outcomes

- Engaged publics
- Responsible actors
- Responsible institutions

### 2. R&I outcomes

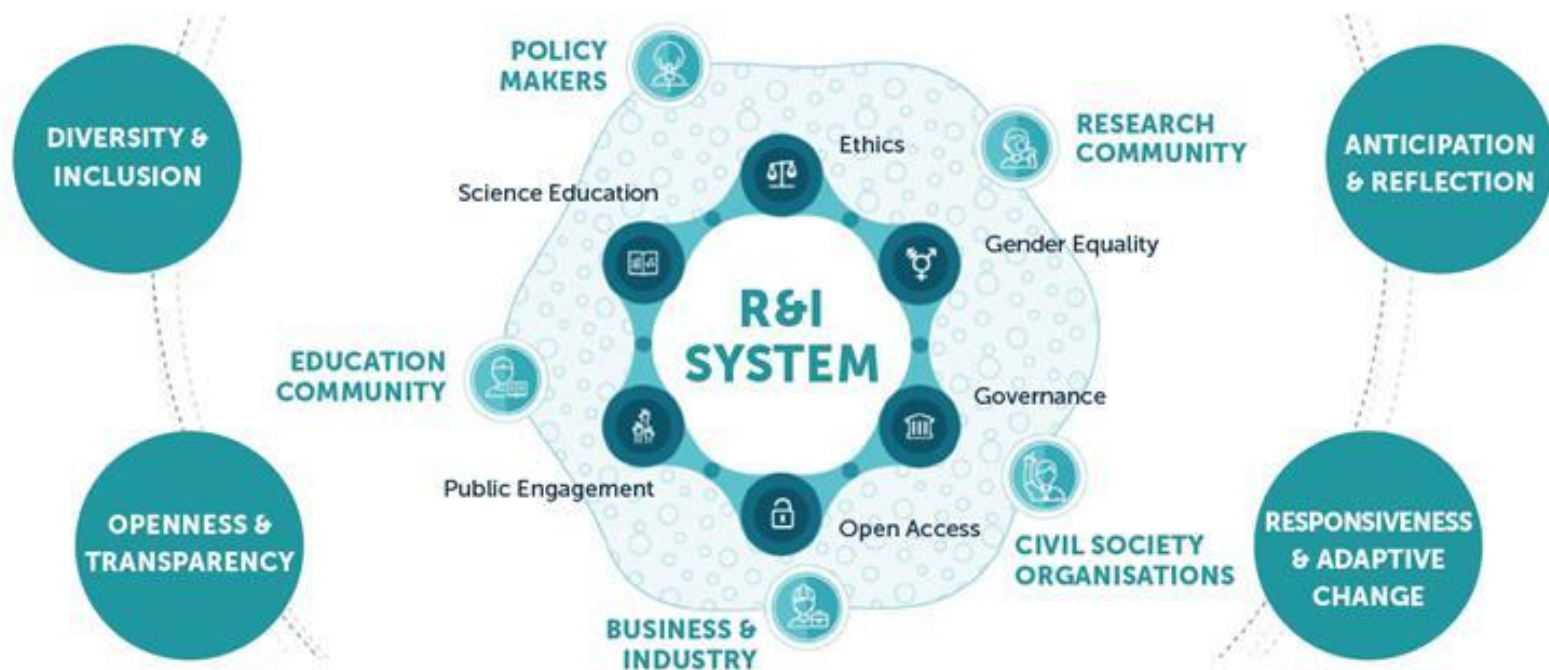
- Ethically acceptable
- Sustainable
- Socially desirable

### 3. Solutions to societal challenges

- 7 Grand Challenges (EU)



## Stakeholder involvement

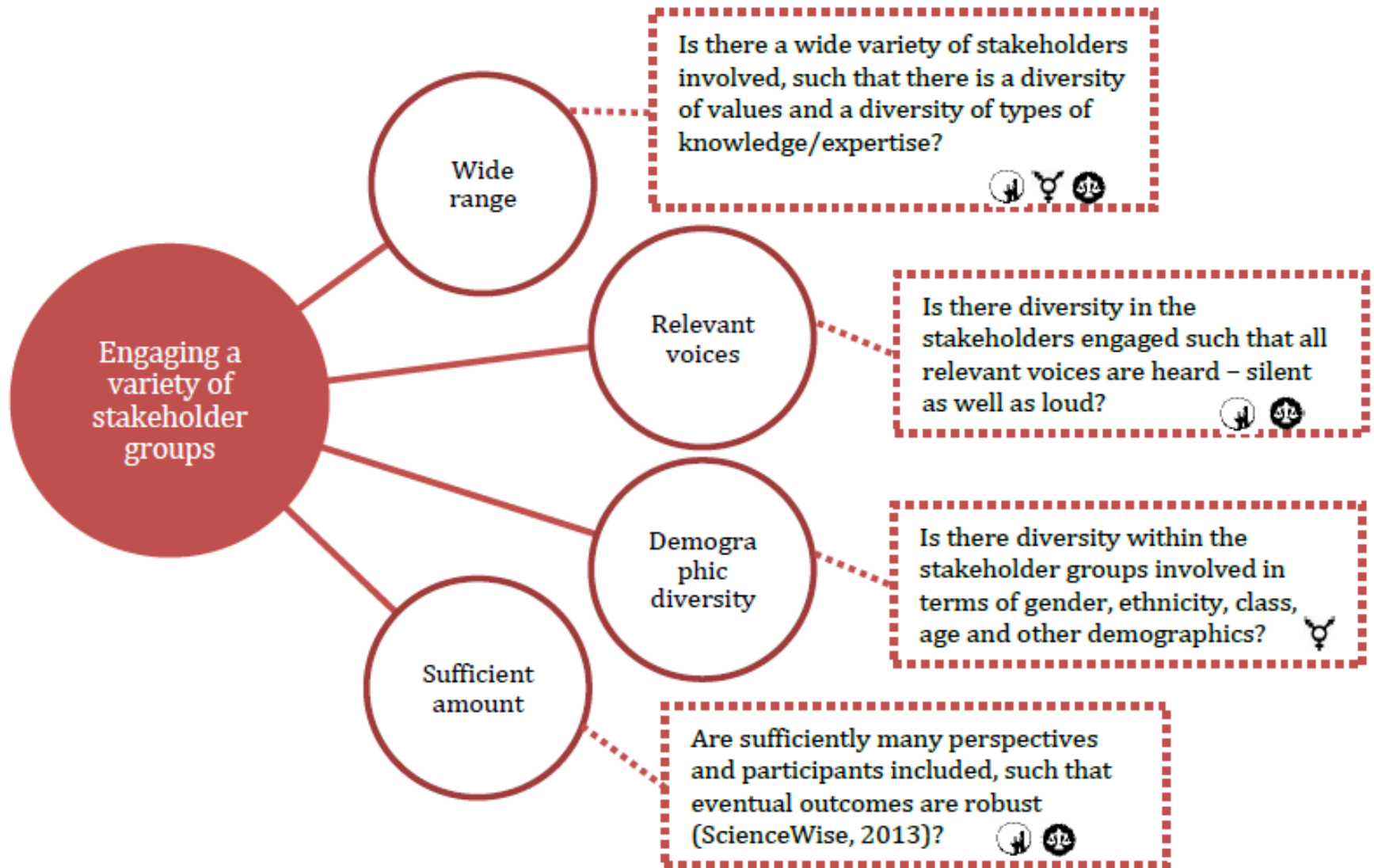


## Measuring RRI? – Main challenges

- Still no common understanding
- Broad concept of general dimensions
- Literature on singles aspects of RRI
  - > no holistic evaluation of the concept
- No standards tools or guidelines that measure RRI as a whole
- Need for individual mesasurement

## Self-reflection as a tool

- A flexible structure to address differences in organisations, projects or programmes
- RRI integration – bottom up approach
- Foster user reflection to avoid an executive tick box exercise
- Thinking aid
- Monitoring own answers
- Combine with trainings for individual working environment



## Self-reflection tool

Home / Self reflection tool

How it works



You choose the relevant questions to answer, discard the ones you do not need. You can add your own questions.

I've been reflecting on...

[Read more about the concept](#)

1

Do you use tailored processes to include a variety of stakeholders with different levels of power, genders, ethnicities, classes, ages, routines or experience?

Which role do ethical committees play in your organization?

How is research integrity addressed in your environment?

People have different values, interests and ideals. How do you deal with that?

Do you anticipate the impact of your work on the following dimensions?

How do you deal with morally problematic situations in research and innovation?

Don't you find your question?

[Write it or see more questions](#)

2

Do you use tailored processes to include a variety of stakeholders with different levels of power, genders, ethnicities, classes, ages, routines or experience?

Examples:

- Guidelines laid down in a code of conduct
- A monitoring and evaluation committee
- An open culture facilitating integrity conversations
- An integrity training for new employees
- We do not address research integrity

3

How do you prevent potentially harmful impacts on the public or the environment?

Who is responsible for the impacts of research and innovation in your view?

What role do ethics and RRI play in your research?

[Clean and start from scratch](#)

[FINISH SELF-REFLECTION](#)



### What can you expect

You can download a self-reflection sheet with your selected questions and answers for further reflection work.

[For working offline download a blank SR sheet](#)

# Questions:

## Self-reflection tool

How do you address gender stereotypes?

How do you ensure that stakeholders understand and accept their roles and the objectives of their engagement?

How do you prevent potentially harmful impacts on the public or the environment?

Examples

- Anticipating the benefits and risks of our project
- Ensuring project outcomes are used responsibly even after the project ends
- We do not make an effort to prevent harmful impacts, because...

Questions completed

JUMP TO ANOTHER QUESTION

JUMP TO ANOTHER POLICY AGENDA

# I've been reflecting about..



Ethics

0/9

Questions answered



Gender Equality

0/7

Questions answered



Governance

0/8

Questions answered



Open Access

0/8

Questions answered



Public Engagement

0/11

Questions answered



Science Education

0/8

Questions answered

DOWNLOAD YOUR SELF-REFLECTION

DOWNLOAD AN RRI DEVELOPMENT PLAN TEMPLATE

[Continue editing](#)

HELP US TO IMPROVE THIS TOOL

## Also take a look at...



### HOW TOS

Interested in applying RRI in particular contexts? Find examples and tools to help you do it.

[View more](#)



### TOOLKIT

450+ resources to foster RRI: tools, inspiring practices, projects and background info.

[Surf the Toolkit](#)

# RRI Development Plan

Make your development towards creating an RRI Development Plan goals, define your strategy and ideas

## 1. Formulate your goals

Goal	My strategy
What goal(s) are you trying to reach? What exactly will be achieved? What will be established and in what timeframe?	

The more detailed the easier it will be to do

## 2. Develop a strategy!

### Aim - Involve the right people

People
Who should be involved? Who should be consulted? Should you form a team? If so, who should be included? Who are the key players? Which stakeholders might be interested/willing to participate?

### Aim - Plan your resources

Resources
What financial resources do you need? How much time will you need to invest? How much time will others have to invest? What financial resources could be allocated for support (for example, the engagement of an external expert)? What resources are needed for sustainability?

### Aim - Find institutional incentives to reach your goal

Institution	My institution can get involved by...
What institutional support/change do you envisage? How can your institution support that change? Which incentives could your institution offer to foster that change? How might your institution benefit from that change?	

### Aim - Set tasks and a timeline

Tasks and Timeframe
What tasks do you need to fulfil to reach your goal? Which tasks should be tackled first/last? How much time will you need? What are your interim goals/achievements? Which tasks would you like to co-develop with other stakeholders? Which tasks can you delegate?

### Aim - Watch for opportunities

Opportunities
Has anybody else had the same issues as you? If so, how did he/she solve them? Where can you find resources/material that would support your development? Which networks could you join?

## 3. Evaluate your progress and achievements!

Evaluation
When will you evaluate your efforts? What evaluation methods will you use? What data will be collected? How can you verify that you achieved your goal?

## 4. Exchange with others and learn from them!

Communication	I can achieve a deeper understanding by sharing my results and insights with...
What insights should you share with others? What results and insights are transferable? What else should be communicated? Who are your target groups/audiences? What are the appropriate channels for them? What results/insights should not be communicated, and why?	



- ... to masters  
 Training & Comm. resources
- Self-reflection tool
- Resource search engine
- How-To-Apply guidelines
- Policy agenda landings
- Stakeholder landings
- From newcomers...

# Welcome to the RRI Toolkit

Towards an open science and innovation system that tackles the societal challenges of our world

## Find tailored information according to...

...your profile

Policy Makers
 Research Community
 Education Community
 Business & Industry
 Civil Society Organisations

...your interests

Ethics
 Gender Equality
 Governance
 Open Access
 Public Engagement
 Science Education

[www.rri-tools.eu](http://www.rri-tools.eu)

## Open questions

- Do all key dimensions need to be considered equally?
- How to motivate to use an online tool?
- Will assessment and labeling ever be possible?
- Can a self-reflection tool really change an attitude?

# Thank you for your attention!

If you would like to find out more about  
RRI and our training offers please  
get in touch with us!

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Marschalek@zsi.at

[www.rri-tools.eu](http://www.rri-tools.eu)