Purpose

Why should this research be undertaken? How might it affect the world?

Example actions:

• Map possible impacts.
• Create and share a lay summary.
• Solicit a range of lay, expert and peer inputs.
RRI Prompts and Practice Cards

Anticipate

Version 2.1 (August 2022)
Societally Desirable Product

Will the products (outputs) be societally desirable? Does everyone want this?

Example actions:
• Engage with the public and other stakeholders.

Anticipate Product
Sustainable Product

How sustainable are the outcomes? Could they be made more sustainable?

Example actions:
- Consider the 3 ‘R’s (Reduce, Re-use, Re-cycle).
- Apply circular economy principles.
- Seek specialist input.
People Affected

Who is directly affected?
Indirectly affected?
Who benefits?
Who loses out?
Is anyone left out or excluded?

Example actions:
• Map stakeholders.
• Consider vested interests.
• Consider indirect effects.

Anticipate

People
RRI Prompts and Practice Cards

Anticipate

Version 2.1 (August 2022)
Research Conduct

Is the planned research methodology acceptable? E.g. health & safety? Ethical approval & Informed consent? Data management? Risk?

Example actions:
• Review local policies.
• Access training.
• Use local tools and infrastructure.
• Seek peer and expert input.
RRI Prompts and Practice Cards

Anticipate

Version 2.1 (August 2022)
Broader Concerns

Is the research controversial?
Are there alternatives?
Is it disruptive?
What legislation and regulation apply?

Example actions:
• Consider public responses to related projects.
• Solicit a range of lay, expert and peer inputs.
RRI Prompts and Practice Cards

Reflect

Version 2.1 (August 2022)
Unintended Consequences

What uses could it have? Could it be used to cause harm? What negative consequences might there be?

Example actions:

- Consider unanticipated outcomes from related projects.
- Solicit a broad range of lay, expert and peer inputs.
- Consider indirect effects.
RRI Prompts and Practice Cards

Reflect

Version 2.1 (August 2022)
Equality, Diversity & Inclusion

How diverse is the team? What is the gender balance? Are the process and the outputs accessible? Is anyone excluded?

Example actions:
• Develop an EDI action plan.
• Use accessibility guidelines and resources.
• Ensure reasonable adjustments are in place.
• Consider positive action.
RRI Prompts and Practice Cards

Reflect

Version 2.1 (August 2022)
Means of Reflection

Do you make time to reflect? How and when do you do this? Who is involved?

Example actions:

• Convene an advisory board.
• Schedule periodic sessions dedicated to RRI.
RRI Prompts and Practice Cards

Reflect

Version 2.1 (August 2022)
Public Dialogue

Is the research agenda acceptable? Have diverse voices been heard?

Example actions:
- Discuss the work at public events.
- Talk to organisations who represent relevant groups, such as charities.
- Include lay members in any advisory group.

Engage

Purpose
RRI Prompts and Practice Cards

Engage

Version 2.1 (August 2022)
Stakeholder Input

How do stakeholders shape the product?
Are a wide range of stakeholders’ views considered?

Example actions:
• Employ human-centred design methods such as interviews, focus groups and workshops.
• Convene a user/stakeholder panel or advisory group.
RRI Prompts and Practice Cards

Engage

Version 2.1 (August 2022)
Hard to Reach

Who is excluded, ignored or discounted?
How can they be reached and included?
Can anyone else can represent them?

Example actions:
• Consider specialist support in recruitment.
• Work with specialist organisations.
RRI Prompts and Practice Cards

Engage

Version 2.1 (August 2022)
Stakeholder Involvement

Can non-researchers directly influence project decisions? Or shape the research agenda?

Example actions:
- Involve stakeholders when defining research questions and methods.
- Give stakeholder substantive research roles (with support).
- Involve stakeholders in project decision-making.
RRI Prompts and Practice Cards

Engage

Version 2.1 (August 2022)
Shaping Policy

How can we ensure that the future is desirable?
How can we contribute to regulation & legislation?

Example actions:
• Respond to requests for evidence.
• Plan an impact campaign.
RRI Prompts and Practice Cards

Act

Version 2.1 (August 2022)
Open Science

How do we contribute to open science?
Are publications open access?
Is anonymous data in public repositories?

Example actions:
• Check local open access policies and support.
• Plan for open access at the start of paper writing.
• Deposit anonymous data in open repositories.
RRI Prompts and Practice Cards

Act

Version 2.1 (August 2022)
Training

What training is required?

Example actions:
• Draw on existing training opportunities.
• Buy in specialist training.
RRI Prompts and Practice Cards

Act

Version 2.1 (August 2022)
Science Education

How do we support science education?

Example actions:
• Contribute to outreach to Schools.
• Contribute to local science-related events.
• Develop a specific education/outreach activity.
RRI Prompts and Practice Cards

Act

Version 2.1 (August 2022)
Organisational Change

How does our organisation support RRI?
How does our organisation learn and improve?

Example actions:
- Raise issues and ideas at an appropriate level, e.g. PI, Department, University Committee.
- Share resources and ideas with peers.

Act Process
Discuss again later...
RRI Prompts and Practice Cards

Can you agree?

Version 2.1 (August 2022)
Most important... and we need to agree some new actions!
RRI Prompts and Practice Cards

Can you agree?

Version 2.1 (August 2022)
Most important... and we are doing it
RRI Prompts and Practice Cards

Can you agree?

Version 2.1 (August 2022)
Less important
RRI Prompts and Practice Cards

Can you agree?

Version 2.1 (August 2022)
Quick wins: easy and worthwhile
RRI Prompts and Practice Cards

Can you agree?

Version 2.1 (August 2022)