**Purpose**

- Beneﬁcially.
- Involve intended and peer inputs.
- Solicit a range of lay, expert reports, e.g., UN SDS.
- Reviews and prioritization.
- Use existing literature.
- Map possible impacts.

**Impact**

- How can we measure its on what timescales?
- Who will beneﬁt?
- Who will beneﬁt? What beneﬁts will it bring?
- Should this work be undertaken?

**Anticipate**

- Anticipate.
- Anticipate.

**Intention**

**RI Prompts and Practice Cards**

**RI Prompts and Practice Cards**

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Anticipate

Involvement:
- Increase stakeholder involvement.

Best practice:
- Seek peer and expert input.

Ethics, monitoring and audit:
- Follow local policies and best practices.

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Reflect


Have these risks been assessed and mitigated?

What other risks are there?

What risks might participants, team members, or other stakeholders be exposed to?

Reflect

RI Prompts and Practice Cards

Anticipate

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Reflect

Purpose
- Solicit a range of lay, expert, and peer inputs.
- Assess whether to approach potential uncontested or malicious use.
- Evaluate alternative approaches.

Example actions: 2033-06-07

Unintended

Consequences
- What might happen if it goes wrong?
- What might happen if it goes
- What negative consequences might it have?
- What are the reasons NOT to do it?
- What legislation and regulations oppose the work?
- Are there groups or organizations opposed to the work?

Potential

RI Prompts and Practice Cards

Reflect

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**People**

- Empower positive action.
- Advise, monitor and take action.
- Ensure reasonable adjustments are in place.
- Use accessibility guidelines.
- Conduct an Equality Impact Assessment (EIA) and develop an Equality Plan.

**Process**

- Work with an advisory board.
- Conduct an Equality Impact Assessment.
- Revise periodically.
- Agree on an Equality Plan and its priorities.
- Identify your own priorities.
- Reflect on past projects.

**Equality, Diversity and Inclusion**

- Does everyone in the project understand their roles?
- How and when do we make time to reflect?
- Reflect.
Engage

Purpose
- Include lay members in related work.
- Monitor media coverage of representing relevant groups.
- Involve organisations
- Organise or join public engagement and outreach

Example actions:
- Are diverse voices heard?
- Acceptable (and to whom)?
- Are the aims of the work discussions?
- Is it easy to get involved in groups?
- General public and other
- Is the work known to the

Engage

RI Prompts and Practice Cards

RI Prompts and Practice Cards

Engage

Version 3.1 (June 2023)
Engage
Involvement:
- Be flexible, e.g., allow online creation methods.
- Employ co-design or co-substantive project roles.
- Give stakeholders an active role in defining aims, research questions, and methods.
- Involve stakeholders when developing objectives.

Stakeholder Involvement
Acknowledged?
Involvement supported and how is stakeholder involvement in the project track? How is the project done?
Can they shape the goals or work?

RI Prompts and Practice Cards

Act
RI Prompts and Practice Cards

Version 3.1 (June 2023)
**Purpose**
- Contribute to professional bodies and standards.
- Campaign.
- Run a publicity or impact campaign.
- Regulate and public bodies.
- Evidence from government reports.
- Respond to requests for talk to policy makers.

**Act**

**Product**
- Support adoption by others.
- Adopt open licenses.
- Reusable.
- Accessible, interoperable.
- Make data FAIR (Findable, Accessible, Interoperable, Reusable).
- Outcomes.
- Publish and publicize the work and any products.
- Be transparent about the outcomes.

**Future**

**Openness**
- Is data appropriately archived?
- How can we reduce inequality?
- How can we improve?
- Is all relevant information disclosed?
- Are publications and reports widely available?
- How can others build on the work done?

**RI Prompts and Practice Cards**

**Act**

**RI Prompts and Practice Cards**

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Discuss again later...

Most relevant... and we need some new actions!

Can you agree?

Can you agree?
Most relevant

Less relevant

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Can you agree?

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Quick Wins

Add your own concern

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Can you agree?

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Blank

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The cards are designed to help you explore and discuss the concepts of research and innovation. Each card presents a different aspect of these topics, encouraging you to engage in thoughtful reflection and group discussion.

### Instructions

- **What is Responsible Innovation?**
- **RI Prompts and Practice Cards**

**Version 3.1 (June 2023)**
Plan to tackle the challenges identified.

Exercise 2: Planning a Project

RI Prompts and Practice Cards

Instructions

Version 3.1 (June 2023)
Exercise 3: Can you agree?

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Version 3.1 (June 2023)
Other (add your own...)

- an enemy state or terrorist
- a tech-savvy criminal
- organization
- The police or national security
- An armament of defense company
- money from it.
- A large company that wants to make
  the near-future.
- Another researcher or technologist in
  Explorations (affecting others)

Animals and plants.

- The natural environment (including
  someone who is alive in 20 years time.
- A person who has lost their job because
  a business needs (indirectly or unilaterally)

Example Stakeholders (2)

Credits

RI Prompts and Practice Cards

Instructions

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