

Governance of Responsible Science and Research Innovation

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Responsible Research and Innovation (RRI)

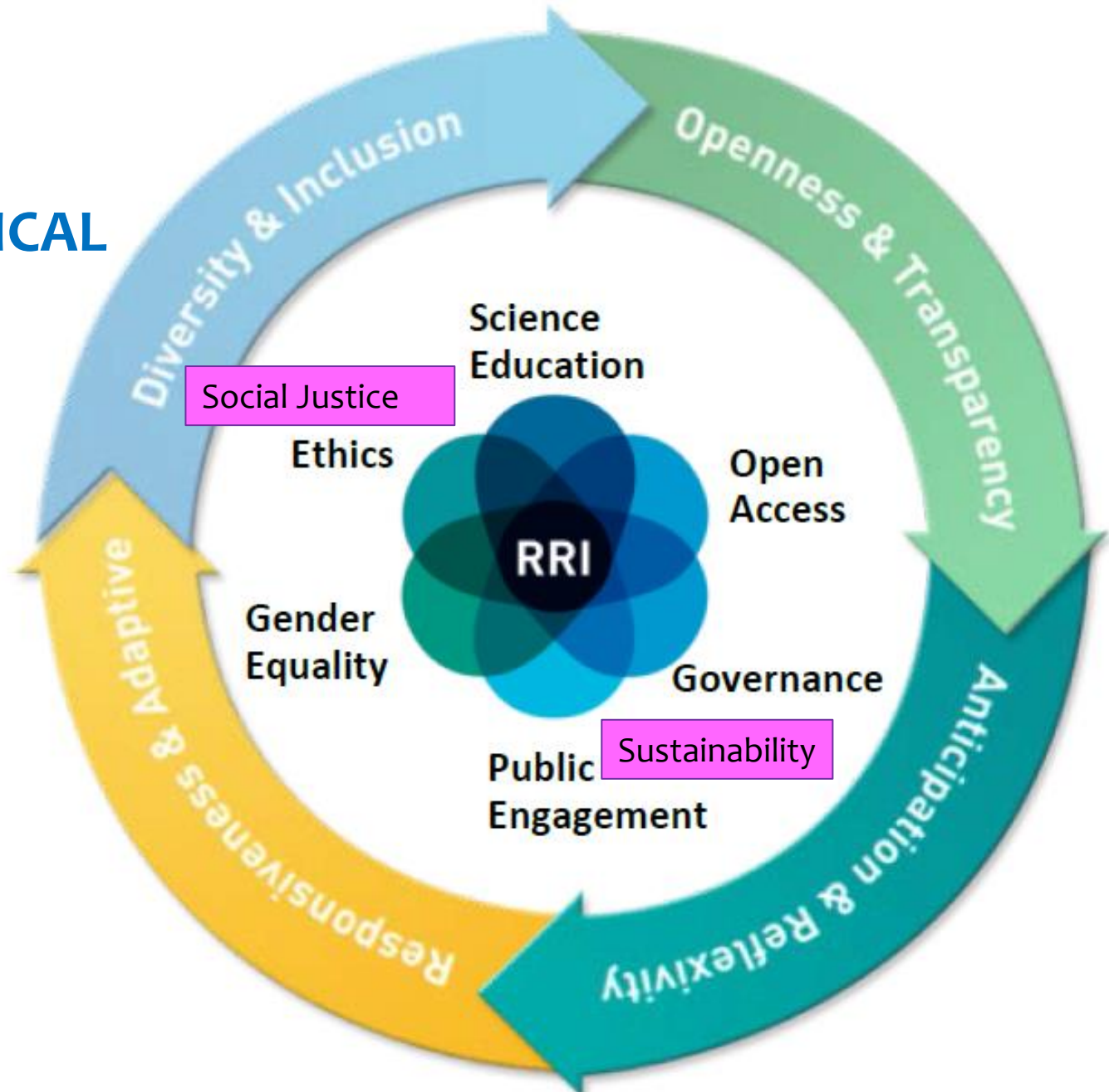
- * Responsible research and innovation (RRI) is a **NEW RESEARCH FIELD**, whereby all stakeholders involved in the Research and Innovation become mutually responsive and share responsibility regarding both the outcomes and process requirements
- * Its a **decision-aiding tool** to allow policymakers and innovation strategists to inform and guide public policies and strategic decisions regarding the governance of responsible research and innovation.

What is Responsible Research and Innovation (RRI) – **in our own words?**

- * Solving real problems collaboratively
- * Research and innovation (including applied research) addressing research questions from society
- * Collaborations between researchers, policymakers, civil society organizations (CSOs) and industry at all stages of the research process

RRI

THEORETICAL MODEL



1 . Diversity and inclusion

- ❑ involving a wide range of stakeholders in the development of research in science and technology innovation
- ❑ considering a wide range of methods to engage stakeholders including the public
- ❑ diversifying the sources of knowledge, expertise, disciplines and perspectives

2 . Openness and transparency

- ❑ Open, **clear communication** about:
 - A. The nature of the innovation project and funding
 - B. Decision-making processes and governance
 - C. The research data and results

- ❑ To **build public trust in science, innovation and politics**

- ❑ information to be **tailored to the needs of stakeholders**
in order to be useful to them

3 . Anticipation and reflexivity

- ❑ considering the environmental, economic and social impact of the research/innovation project, from short-term to long-term impacts
- ❑ reflecting on individual and institutional values, assumptions, practices and responsibilities

4 . Responsiveness and adaptive change

- ❑ Responding to emerging knowledge, data & perspectives
- ❑ Ongoing evaluations with stakeholders
- ❑ Applying new knowledge from the research or innovation project to create change
- ❑ Changing overarching organizational structures and systems.

RRI Governance

Recent studies (Stilgoe et al. 2013) propose RRI governance to consist of the following dimensions:

1. Anticipating the potential positive and negative outcomes of research and innovation agendas;
2. Reflecting on the internal norms and institutions in place in order to conduct RRI;
3. Responding to internal and external stakeholders/ CSOs



Thank You.