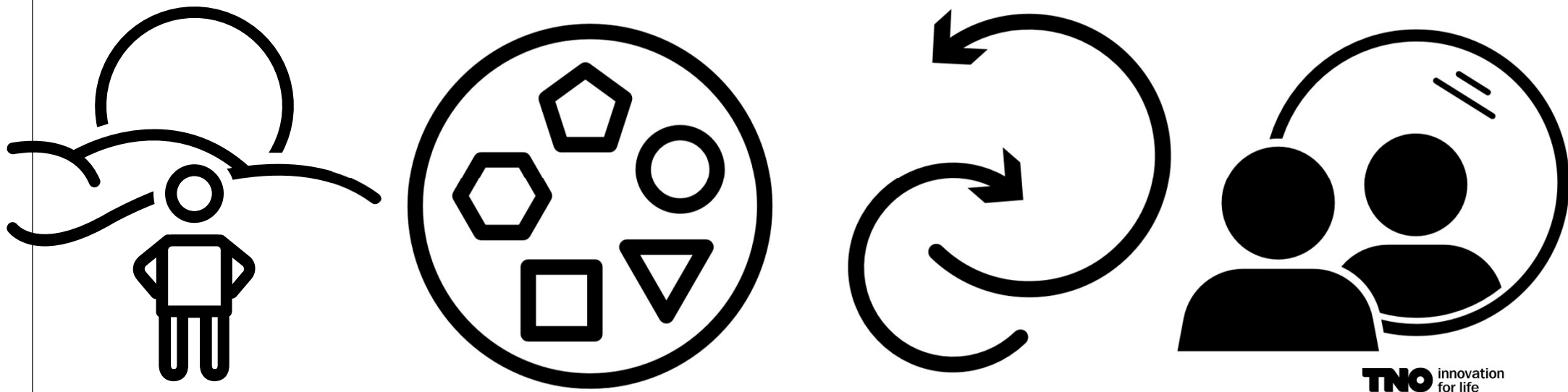


Key Elements of Responsible Innovation

Monday 21 June, session 3.09

ISPIM Special Interest Group on Responsible
Innovation: Elin Oftedal, Elisa Thomas, Marc Steen



- › **Responsible innovation: to design and deploy technologies and processes in ways that serve people and planet and prosperity; to use technology and innovation to extend human capabilities and to create just societies in which people can flourish**

Sustainable Development / Circular Innovation / Social Innovation / Value-based Innovation / Value Sensitive Design

› **Societal Engagement:** to involve societal actors, stakeholders and citizens in the innovation process; to hear their perspectives and concerns, and to take these into account in design, and deployment

Ethical Deliberation: to organize processes in which, project team members identify ethical issues, and invite diverse views, and can be accountable for their choices; ethics as a *process*; not as ‘good’ / ‘evil’

Diversity, Inclusion, Involvement, Participation (next slides)

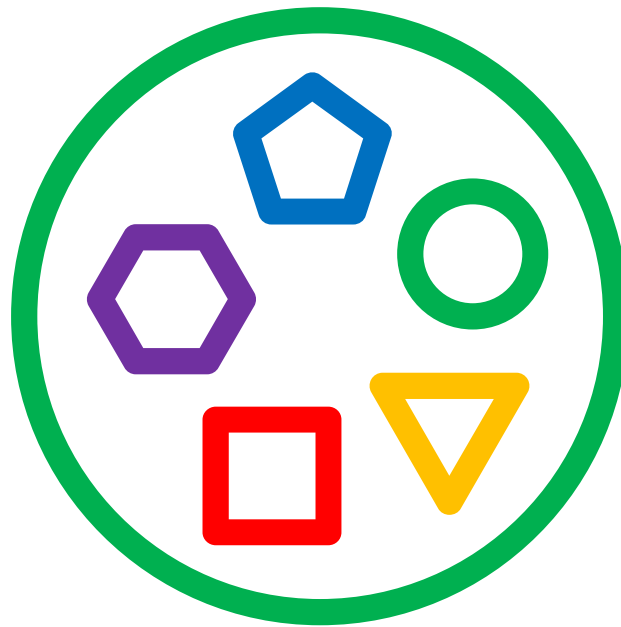
› Agenda:

- **20 min.: Key elements (Stilgoe et al., 2013):**
 - Anticipation
 - Inclusion
 - Responsiveness
 - Reflexivity
- **20 min.: Dialogue, around several topics**
- **20 min.: Open floor, questions, ideas ...**

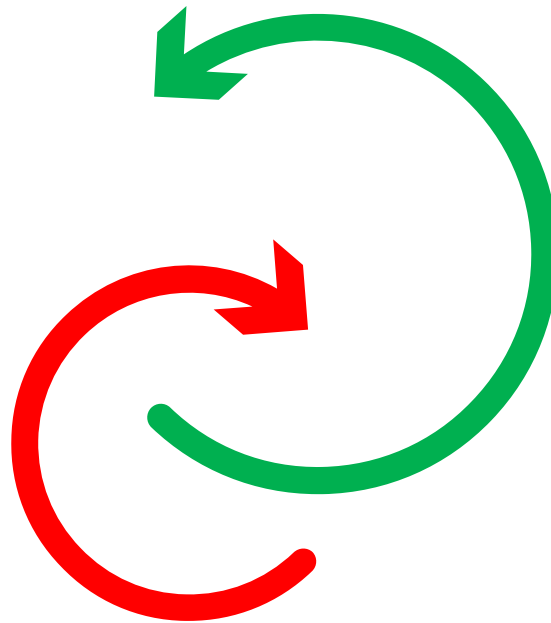
- › **Anticipation: to explore both desirable and undesirable effects, also higher-order effects**



› **Inclusion: to involve users and stakeholders in innovation, and to make teams more diverse**



› **Responsiveness: to organize iterative processes and promote exploration and experimentation**



› **Reflexivity: to critically reflect on one's own activities, commitments and assumptions**



› Dialogue:

- 1. Relationships between these elements**
- 2. Methods to promote these elements**
- 3. Industry: Practical methods and tools**
- 4. Academia: Potential for research and papers**

› **Open floor, questions, ideas ...**

Thanks!

Welcome to join our ISPIM Special Interest Group on Responsible Innovation on LinkedIn:

<https://www.linkedin.com/groups/9039116/>

Papers: <https://www.marcsteen.nl/texts.html>

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