

› **Hot Topic:**  
**Responsible Innovation, an Oxymoron?**

**Monday 21 June, session 1.07**

**ISPIM Special Interest Group on Responsible  
Innovation: 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**

› **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, Participation:** to involve users and stakeholders, and to make teams more diverse

**Anticipation:** to explore desirable and undesirable effects, e.g., unintended effects

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

**Reflexivity:** to be aware of one's own activities and assumptions, and critically reflect on these

**Iteration:** innovation as a process of moving back and forth between problem-setting and solution-finding

- › **Virtue ethics: to enable people to cultivate relevant virtues ~ dispositions to choose the appropriate mean between deficiency and excess (e.g., courage, between cowardice and recklessness) ~ aligning one's thinking, feeling and action, one's head, heart and hands**

› **Courage**

**Self-control**

**Justice**

**Practical wisdom**

**Honesty**

**Humility**

**Civility**

**Empathy/Compassion**

**Care**

**Perspective/Curiosity**

**Flexibility/Creativity**

**Collaboration**

**Empowerment**

**Anticipation and  
responsiveness**

**Inclusion, diversity and  
participation**

› Which **1-3** virtues do you think/feel are most important for Responsible Innovation?

Can you give a practical example of how *you* cultivated/expressed these virtues?

Or examples of how *somebody else*, e.g., an exemplar, cultivated/expressed these virtues?

What do you think/feel needs to be done in the *context*, culture, processes to enable these virtues?

› **Thanks!**

**Join our ISPIM Special Interest Group on Responsible Innovation on LinkedIn:**

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

**Workshop 2.09: Tools & methods for Responsible Innovation**

**Panel 3.09: Key elements of Responsible Innovation**

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

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