

## Being responsible in innovation

This document is intended to provide you with some key references and resources related to the theme of the week. They also indicate the nature of content to be discussed, and explored during the week, particularly while working on your project.

### ■ Key Resources *(ensure you familiarize yourself with the topic before seminar and tutorial)*

Before the seminar, please read up on two case studies:

- Stilgoe, J., Owen, R., & Macnaghten, P. (2013). Developing a framework for responsible innovation. *Research policy*, 42(9), 1568-1580. [\[Link\]](#)
- Maynard, A. (2015), Responsible development of new technologies critical in complex, connected world, *The Conversation*. March 4, 2015 [\[Link\]](#)

### ■ Think about these questions

- How can we align technological innovation with broader social values, to support our professional decisions-making in conditions of uncertainty and ambiguity?
- What is the process involved for being a responsible innovator?

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### ■ Supplementary Resources

- Rose, D. C., & Chilvers, J. (2018). Agriculture 4.0: Broadening responsible innovation in an era of smart farming. *Frontiers in Sustainable Food Systems*, 2, 87. [\[Link\]](#)
- De Hoop, E., Pols, A., & Romijn, H. (2016). Limits to responsible innovation. *Journal of Responsible Innovation*, 3(2), 110-134. [\[Link\]](#)
- Owen, R., Macnaghten, P., & Stilgoe, J. (2012). Responsible research and innovation: From science in society to science for society, with society. *Science and public policy*, 39(6), 751-760. [\[Link\]](#)