

# Societal engagement under the terms of RRI

Anja Bauer, Alexander Bogner, Daniela Fuchs Institute of Technology Assessment at the Austrian Academy of Sciences





"Responsible Research and Innovation (RRI) implies that societal actors (researchers, citizens, policy makers, business, third sector organizations, etc.) work together during the whole research and innovation process in order to better align both the process and its outcomes with the values, needs and expectations of society."

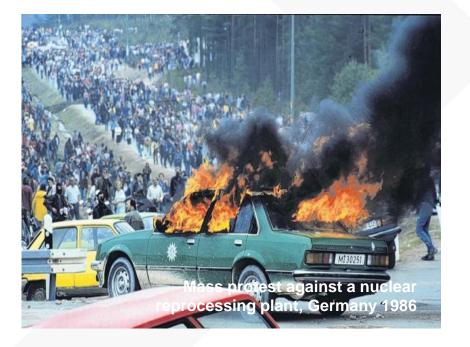
https://ec.europa.eu/programmes/horizon2020/en/h2020section/responsible-research-innovation

#### Responsible industrie indu

### » Societal engagement under RRI

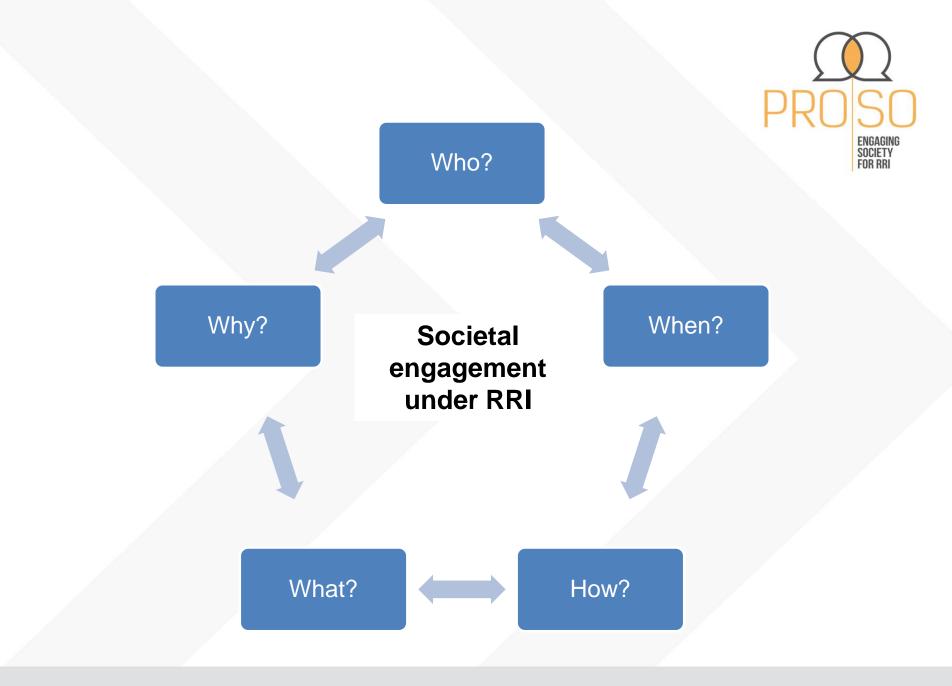


#### From uninvited protests



## To upstream engagement in S&T, 'driven' to the public





#### » Actors





- Inclusive, diverse,
  representative
- » Civil society organisations & publics
- » Balance in representation & views

### » Timing



- » Anticipatory & proactive
- » Upstream
- » Continuous



#### » Processes





- » Responsive & reflexive
- » Two way communication
- » Linking invited and uninvited participation

#### » Objects and issues



- » Responsiveness
- » Ethics, societal challenges, needs and values
- » Room for alternative framings and dissent



Image by Madhumathi S V. License: CC-BY-SA 4.0 https://commons.wikimedia.org/wiki/File:Business\_ethics.jpg

#### » Purpose & impact





Photo by David Iliff. License: CC-BY-SA 3.0 https://commons.wikimedia.org/w/index.php?curid=35972521

- » Responsiveness
- » Informing R&I decisions
- Institutional embedding in different cultures

#### » Outlook

- » RRI -> new emphasis on and demands for societal engagement
  - Inclusive and diverse
  - Early on and continuous
  - Dialogic and open
  - Linked to decision-making
- » Old and new challenges for engaging TSOs and citizens in R&I



