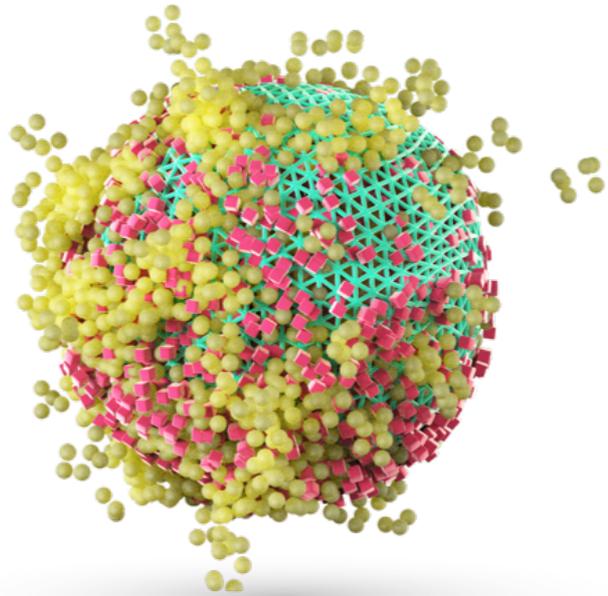**SMART·map**

*RoadMAPs to Societal Mobilisation for
the Advancement of Responsible
Industrial Technologies*

DELIVERABLE 2.2 RECOMMENDATIONS FROM THE RRI ANGELS IN THE ADVISORY BOARD MEETING

Responsible organization
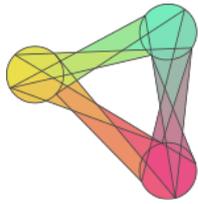Central European University
Responsible authors
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October 2016
Delivery date
31 October 2016

About the SMART-map project

SMART-map (RoadMAPs to Societal Mobilisation for the Advancement of Responsible Industrial Technologies) is a coordination and support action financed by the European Commission under the Horizon 2020 Programme. Its goal is to define and implement concrete roadmaps for the responsible development of technologies and services in three game-changing fields: precision medicine, synthetic biology and 3D printing in biomedicine. The project will reach its goals by developing a new format for open and collaborative dialogues between industry and societal actors (Industrial Dialogues), which will allow the co-design of a tool (a smart map) that helps companies to integrate responsible innovation in their processes. The project will test these SMART Maps in actual industrial settings to ensure that innovators can use them easily and to highlight opportunities for new business models that embed social responsibility.

First Meeting of the Advisory Board – Section RRI Angels
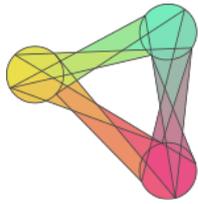
The Advisory Board (AB) of the project is organised in two sections. One section is called "SMART-map RRI Angel" and is composed by 8 experts from different EU countries. The other section is called "Societal Watchdog" and is constituted by civil society representatives.

Like the so-called "Business Angels", who foster the proper development of start-ups and new firms, the RRI Angels have the mission to ensure the proper integration of different RRI dimensions in the development of the 3 SMART Maps and to contribute their experiences of industry collaborations. The RRI Angels met at Central European University in Budapest on October 13th 2016, reviewed a draft of the format for the Industrial Dialogues and issued the following recommendations:

SMART·map

RoadMAPs to Societal Mobilisation for the Advancement of Responsible Industrial Technologies

General suggestions

1. Avoid rigid separation between different RRI keys which may be counterproductive for deliberation during the Industrial Dialogues (ID).
2. Avoid lecturing ID participants on RRI. Instead, compile a list of RRI-relevant issues that ought to be addressed and which the moderator can draw on should they not be raised by the participants themselves.
3. Use accessible terminology.
4. Highlight the benefits for participating to the Industrial Dialogues.
5. Take into account the different realities of small land large companies.

Specific Elements of the Industrial Dialog workshop

Keynote

6. A keynote by a prominent person makes participation more attractive; select the speaker accordingly. The keynote speaker should give a broad overview of the respective field (Synthetic biology, Precision medicine, 3D printing) and not a lecture on RRI.
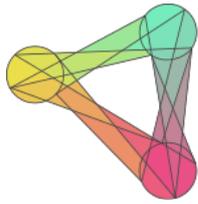
Innovation stories and RRI examples

7. Innovation stories should be a collection of concrete examples of innovation, of RRI applications cases, or of fictional stories for discussing how to integrate RRI in the innovation pipeline. They are to be used in different functional moments of the IDs.
8. Innovation stories should highlight how embedding RRI can provide concrete advantages to companies (not best practices in terms of "role-model").
9. Collective visioning of future technological developments is a part of the ID methodology. Make sure that visioning does not induce a sense that RRI is a future concern, rather than an issue that is actionable in the present.

Fast prototyping exercise

10. In order to maximize the design output of the IDs, increase the time dedicated to co-construction and use two different methods. On day 1 add time for a "fast prototyping" exercise in order to generate a high number of ideas in a short time; On day 2 keep the existing design methods in order to follow up on one or more proposals from day 1.

Output

11. Ensure that there is a clear conception of what output the IDs generate and design a methodology to collect all relevant material and to document the deliberation process (e.g. how to take notes during the group work).

Planning and Invitation to the ID workshop

Selection of participants

12. Recruitment of ID participants should aim at an equal presence of the following, broad categories: a) Industry (both large and small companies), b) civil society representatives and c) all others (policy makers, scientists, consortium partners, RRI angels, so on).

13. Carefully select the participants to ensure that critical voices are present and can be integrated productively into the co-creation process.
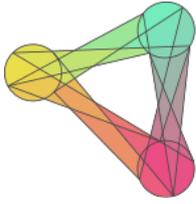
Organizational and language issues

14. The hosts of the ID have to make sure that notes are taken during the break-out sessions. However, recording the discussions of the break-out groups could be disruptive and should be avoided.

15. The ID hosts need to explicit in advance that the use of local language is

essential in some contexts in order to be inclusive.

16. Incorporate the experience from the previous IDs into subsequent ones is important for learning within the project. ID planning should take this into account.