



A SMART Map for Precision Medicine

Executive Summary for the RRI Community

The SMART Map is a **tool that helps businesses** address issues of **social** and **environmental responsibility** they face in their innovation processes. It is based on the **Responsible Research Innovation (RRI)** approach promoted by the European Commission and it provides different stakeholders with practical suggestions on how to promote and put into practice these principles.

The SMART Map proposes **a route that guides the RRI community** from the *current scenario of Precision Medicine* towards the *implementation of RRI practices* and their *potential benefits*, through a series of *suggested actions* and concrete examples collected during a pilot.



RRI: why you need to get there

RRI practices in the Precision Medicine industrial context could have a number of potential benefits for the RRI community

- Opportunity to **interact with industrial players**
- **Access to knowledge** sharing and **training** opportunities
- **Recognition and rewarding**
- Involvement of the **private sector in RRI processes**



Needs, challenges and opportunities for RRI

Key highlights in the current scenario of Precision Medicine

- **Data access and control:** building innovative solutions related to the access to medically relevant data and the control of their use, such as open platforms or software for dynamic consent
- **Standardisation:** ensuring the quality of services and products; improving the regulation of genomic medicine; creating new open standards
- **Healthcare transformation & participative and multi-stakeholder processes:** facilitating coordination across the stakeholders; implementing participative approaches that lead to stronger empowerment of patients and citizens
- **Building trust:** defending privacy in the handling of medical data; avoiding excessive claims from research findings; investing in transparency in private and public organisations
- **Creating capacities and education:** training and supporting professionals to read their field in an RRI perspective; consolidating dissemination and participatory practices



RRI: how you get there

A list of suggested actions the RRI community could implement to help moving Precision Medicine towards RRI

1. Strengthen the **implementation of RRI practices** which also involve the private sector, share **examples** and **best practices**, integrate **experiences** from other stakeholder groups
2. Advocate for the **recognition of RRI expertise** at all levels (professional, in governance and future grants)
3. Establish concrete initiatives to **assist companies who embrace RRI**, in choosing and developing the **appropriate tools** and profiting of **expected** and **unexpected outcomes**
4. Adopt new initiatives to **respond to the needs and specificities of the industrial field**, adapt to their language, familiarise with the challenges and the specificities of Precision Medicine

