



## **ORION**

### **“Open Responsible research and Innovation to further Outstanding kNowledge”**

The project will last 36 months starting from 1st May 2017 . The ORION project focuses on triggering evidence-based institutional, cultural and behavioural changes in Research Funding and Performing Organizations (RFPOs), targeting researchers, management staff and high-level leadership.

Our long term vision is to “embed” Open Science and Responsible Research and Innovation (RRI) principles in RFPOs’ policies, practices and processes to organise and do research. Since science is about creativity and collaboration, we will extend further collaboration in research by engaging in co-creation experiments with multiple stakeholders.

We will try out different “open-experiments” in three key challenge areas:

- 1) Opening up the research engine – making RFPOs more permeable to receiving input from numerous, distinct stakeholders;
- 2) Identifying risks and opportunities presented by disruptive technologies;
- 3) Running multi-stakeholder projects based on citizen science.

After an initial assessment and benchmarking exercise, we will use our three challenges as case studies to explore different co-creation methods with multiple stakeholders, and spark dialogue between unusual combinations of actors (e.g. funders and the public, or researchers, industry and the public). We will apply the RRI principles on the scientific process and governance, identify drivers and barriers, interests and values, and eventually produce “prototypes” for current and future societal challenges.

Toward raising knowledge on RRI in practice and enriching the current training, we will generate innovative training programmes and modules based on the peer-to-peer learning approach, targeting young researchers and professionals at funding agencies. The consortium, which involves RFPOs from different countries, representatives of RRI stakeholders and experts in social sciences, will move forward to achieve and embed Open Science.

Orion involves 9 partners coming from 6 different EU countries (Spain, Sweden, Czech Republic, Italy, Germany, United Kingdom). 8 associated partners are also involved, coming from 6 different EU countries.

ANT in particular takes part to the WP3 actions on “co-experiments” working on the area of “disruptive technologies” and “citizen science” in biomedicine.