



Engaging the Young with Responsible Research and Innovation

the goal of the project IRRESISTIBLE

is to design activities that foster the involvement of students and the public in the process of **Responsible Research and Innovation (RRI)**. To raise the awareness on RRI the project aims to increase students content knowledge about research by bringing **cutting edge research** into the program, and to foster the discussion among students about RRI issues by the introduction of relevant topics. By using **formal (school) and informal (science center, museum or festival) teaching** we familiarize schoolchildren with science.

topics

- Healthy ageing (Netherlands)
- Genomics and oceanography (Portugal)
- Oceanography and climate change (Germany)
- Climate change (Finland)
- Renewable energy sustainability (Israel)
- Solar energy and specific nanomaterial (Romania)
- Nanoscience (Turkey)
- Nanoscience applications (Greece)
- Nanotechnology (Italy)
- Catalysis in environmental protection (Poland)

RRI: six key issues

Engagement: joint participation of researchers, industry and civil society in the research and innovation process

Gender equality: unlocking the full potential of society

Science education: creative education to foster the future needs of society

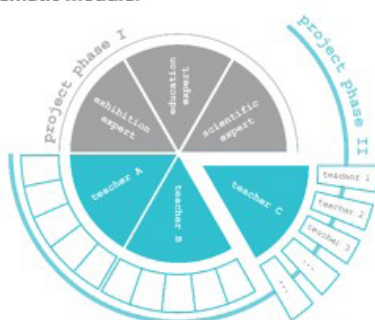
Ethics: Including societal relevance and acceptability of research and innovation outcomes

Open access: free, online access to the results of publicly funded research

Governance: the responsibility of policy makers to develop harmonious models for RRI

project course

In each of the ten countries a **Community of Learners (CoL)** has been formed to develop a **thematic module**.



The material developed has been used by the CoLs teachers with their students. Additionally the students have visited relevant university labs and translated results from their programme into an **exhibit**, that sheds light on the relationship between research and society.

In phase II (September 2015-July 2016), the teachers from the first phase will each train five colleagues in the use of the modules.

The teaching modules will also be available online in different languages. The best exhibits from the project will be presented to the European public.



IRRESISTIBLE is a project on teacher training, combining formal and informal learning focused on Responsible Research and Innovation. It is a coordination and support action under FP7-SCIENCE-IN-SOCIETY-2013-1, ACTIVITY 5.2.2 Young people and science: Topic SS.2013.2.2.1-1 Raising youth awareness to Responsible Research and Innovation through Inquiry Based Science Education. This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 612367.

