

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.

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

topics

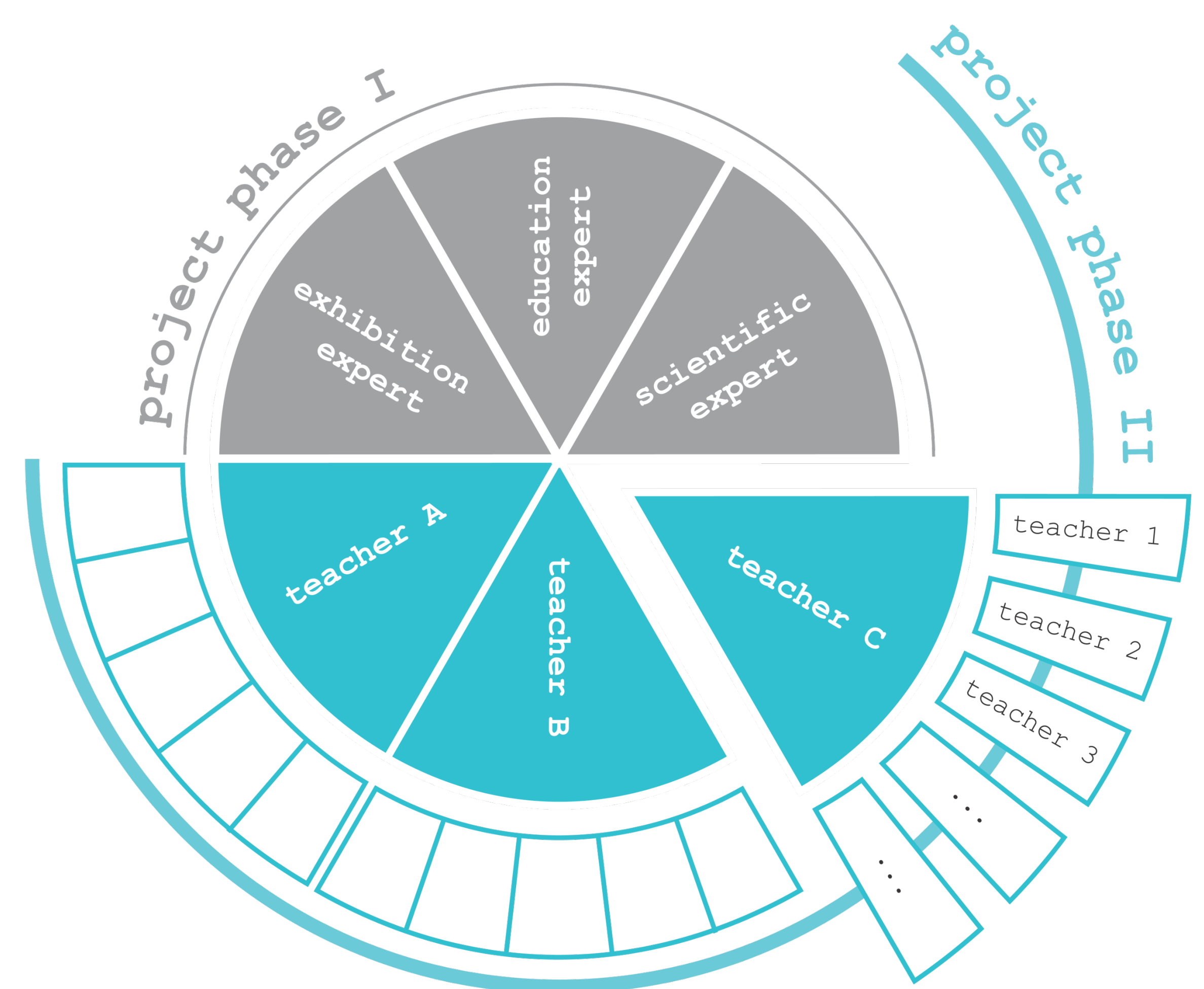
- Healthy ageing (Netherlands)
- Genomics and oceanography (Portugal)
- Oceanography and climate change (Germany)
- Climate change (Finland)
- Renewable energy sustainability (Israel)
- Solar energy and specific nanomaterial (Romania)
- Nanoscience (Turkey)
- Nanoscience applications (Greece)
- Nanotechnology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

project course

In each of the ten countries a Community of Learners (CoL) has been formed to develop a thematic module. These groups comprise of school teachers, education experts from universities, exhibition experts from museums / science centers and researchers from the thematic field.

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.



By now there are more than ten modules on various RRI-topics that have been tested in five to ten classes each. At the moment modules are tested in different countries. September 2016 the final versions will be available online in different languages. The best exhibits from the project will be presented to the European public during a special session at an international conference in September 2016. Ultimately, this project will teach almost ten thousand students to consider the social impact of scientific research.

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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 SIS.2013.2.2.1-1 Raising youth awareness to Responsible Research and Innovation through Inquiry Based Science Education.

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