

## OUR GOALS

“Ark of Inquiry: Inquiry Awards for Youth over Europe” (AoI) is a project on teacher training, oriented towards raising science awareness, particularly that of youth aged 7 to 18, to Responsible Research and Innovation.

Let us unlock the Ark of Inquiry together as a community of teachers, scientists, teacher educators, science and teacher education students from all over Europe in order to provide our pupils with a way to improve their inquiry skills, increase their awareness and understanding of conducting science, and to prepare them to take part in the European research and innovation process.

The Ark of Inquiry project aims to:

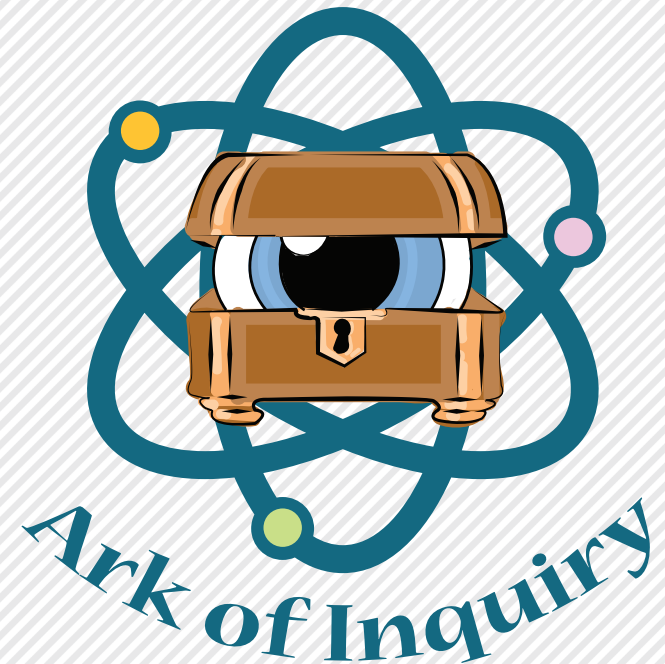
- develop a pedagogical framework for identifying inquiry-based activities that promote pupils' awareness of RRI;
- collect existing inquiry-based activities and environments from various national and international projects;
- make inquiry-based activities available across Europe through the Ark of Inquiry platform. During the project it is expected that at least 20,000 pupils will participate in the Ark of Inquiry;
- train at least 1,000 teachers to support pupils' inquiry-based activities in a manner that attracts pupils' interest and motivation towards RRI

## ABOUT THE PROJECT

Ark of Inquiry: Inquiry Awards for Youth over Europe (FP7, No. 612251)

### Consortium of 13 partners:

 Project coordinator Tartu Ülikool (University of Tartu)	Duration: 4 years (March 2014–Feb 2018) Funding Scheme: EU-FP7-SCIENCE-IN-SOCIETY-2013-1(CSA-SA)
 Ellinogermaniki Agogi Scholi Panagea Savva AE (Ellinogermaniki Agogi)	Turun Yliopisto (University of Turku) 
 Panepistemio Kyprou (University of Cyprus)	United Nations Educational, Scientific and Cultural Organization (UNESCO), UN Agency 
 Hogeschool van Arnhem en Nijmegen (HAN University of Applied Sciences)	Bundesministerium für Bildung und Frauen (Federal Ministry of Education and Women's Affairs) 
 Humboldt-Universität zu Berlin (Humboldt University)	Bahcesehir Egitim Kurumlari Anonim Şirketi (BEKAS) 
 Ecole de l'ADN (DNA Learning Centre)	Katholieke Hogeschool Limburg (University College Limburg) 
 Kutató Tanárok Országos Szövetsége (Hungarian Research Teachers' Association)	SA Teaduskeskus AHHA (AHHA Science Centre) 



## Ark of Inquiry:

## Inquiry Awards for Youth over Europe



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## ARK OF INQUIRY

The Ark of Inquiry project has seven objectives to achieve the general goals described in this flyer:

- 1 Develop a pedagogical framework for identifying inquiry-based activities that promote pupils' awareness of RRI (Responsible Research and Innovation) and RRI-related inquiry practices in schools.
- 2 Collect inquiry-based activities and environments that promote RRI.
- 3 Build a large supportive community.
- 4 Train teachers.
- 5 Develop Ark of Inquiry based on evaluation results.
- 6 Implement Ark of Inquiry on a large scale across Europe.
- 7 Disseminate the approach and results in society.



## SUPPORTING COMMUNITY

A large community consisting of 1100 trained teachers, at least 100 science and teacher education students and 50 staff members of science centres and museums, universities and research centres across Europe will support pupils' inquiry-based activities and award their performance.



Support mechanisms will help to engage more pupils into inquiry activities, complete the initiated activities on time and be motivated to take on challenges set by the next series of awards. Training courses will enable and empower teachers to use the Ark of inquiry platform and support the learners.

## FUTURE DIRECTIONS

Based on evaluation results the Ark of Inquiry platform will be made available to the whole of Europe. The platform will connect formal learning settings and curricula to centres for science and research, so that generations of scientists can meet each other. This approach can contribute towards better equipping future citizens with the skills and knowledge needed to engage in research and innovation in a responsible manner. It will help to build up a scientifically literate society which will be able to fully participate in the research and innovation process.

## INQUIRY AWARDS

After completing a particular set of inquiry-based activities the pupils can apply for an Inquiry Award. These activities will be selected by experts from a pool of inquiry-based learning materials according to their pedagogical value, educational objectives and RRI skills to be achieved. Pupils can achieve multilevel RRI Inquiry Awards: inquiry star, diploma, bronze, silver, and gold medals.

