



# COM n PLAY

## SCIENCE

### PROJECT FACT SHEET

**Acronym**

COMnPLAY SCIENCE

**Full Title**

Learning science the fun and creative way: coding, making, and play as vehicles for informal science learning in the 21st century

**Programme / Pillar / Topic**

Horizon 2020 / Science with and for Society / Science education outside the classrooms

**Type of Action**

Research and Innovation action

**Grant Agreement**

No 787476

**Duration**

36 months (1/6/2018 – 31/5/2021)

**Grant Amount**

€ 3,097,715.00

**Overview**

The project aims to help Europe better understand the new ways in which non-formal and informal science learning is taking place through various coding, making, and play activities that young Europeans (children, adolescents and young adults) are nowadays increasingly engaged with, outside school and higher education science classrooms, beyond the formal boundaries of science education.

The project's main objectives are to:

- a. Develop an appropriate conceptual and methodological framework integrating all aspects of the project into a unifying conceptual map.
- b. Setup a European-wide community of stakeholders, including learners, educators, facilitators and policy makers from diverse fields, to contribute, guide and help assessing the conducted research.
- c. Identify, pool and analyse diverse existing coding, making and play-based practices taking place outside formal science classrooms which bear some promise for non-formal and informal science learning.
- d. Conduct in-depth learner-centred participatory empirical research on selected practices.
- e. Gain a deep understanding of the impact that this kind of non-formal and informal science learning has on formal science education, traditional informal science learning interventions, young people as learners and citizens, as well as, on society.

- f. Communicate and disseminate the messages and outcomes of the project widely, and enable the exploitation of the findings of the research through the development of relevant guidance for practitioners and recommendations for policy development and further research.

The main results stemming from the project include:

- An online inventory of all the identified and pooled practices, appropriately categorized and annotated in the light of the findings of the research, available to stakeholders and the public.
- A set of community building methods and tools for everyone wishing to get involved in community building linked to the project.
- A Web-based game promoting and supporting the continuous prolonged engagement of learners and their facilitators in the field research.
- The *COMnPLAY-Science Knowledge Kit*, a modular set of reader-friendly, practice-oriented publications, encapsulating the findings of the project.
- The *COMnPLAY-Science Roadmap for Europe*, a detailed concerted account by the consortium, the stakeholder communities and policy makers of the potential for short-, medium- and long term impact of coding, making and play-based non-formal and informal science learning.
- Numerous public events (workshops, training seminars, conferences, contests, fairs), often combined with training activities (winter and summer schools).

### Project Coordinator

Norwegian University of Science and Technology (NTNU)

Prof. Michail Giannakos

Phone: +47 73590731

E-mail: [michailg@ntnu.no](mailto:michailg@ntnu.no)

### Consortium Members

 NTNU  
Norwegian University of Science and  
Technology, Norway (coordinator)

 UNIVERSITY OF OULU  
University of Oulu, Finland

 FORTH  
Foundation for Research and  
Technology – Hellas, Greece

 Technische Universiteit  
Eindhoven  
University of Technology  
Eindhoven University of Technology,  
Netherlands

 UPPSALA  
UNIVERSITET  
Uppsala University, Sweden

 Technische  
Universität  
München  
Technical University of Munich,  
Germany

 L-Università  
ta' Malta  
University of Malta, Malta

 DESIGN for  
CHANGE  
DESIGN  
Design for Change initiative, Spain

 OVOS  
ovos media GmbH, Austria

 KING'S  
College  
LONDON  
King's College London, UK

 SCIENCE  
MUSEUM  
GROUP  
Science Museum Group, UK

### Web & Social media

Web Site: <http://comnplayscience.eu>

Facebook: <https://fb.me/ComNPlayScience>

YouTube: <https://bit.ly/2Hq5FsK>

Twitter: [@comnplayscience](https://twitter.com/comnplayscience)

ResearchGate: <https://www.researchgate.net/project/CoM-n-Play-Science>



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