

HIGH-LEVEL ROUNDTABLE AND INTERACTIVE WORKSHOP

Science and Education

How Innovation and Collaboration Can Deliver Better Science Education and Stronger Social Moorings in an Age of Misinformation

Education systems are under pressure to prepare students for success in a complex and interconnected world that is undergoing rapid technological, cultural, economic, and demographic change. Scientific education is identified as a core competence that requires further development, yet more than [21.6% of 15-year-olds in the EU underperformed in the science domain](#) of the 2018 Programme for International Student Assessment (PISA). How can schools adapt and prepare students for the challenges of the 21st century?

The EU-funded project Schools as Living Labs ([SALL](#)) intends to establish the living labs methodology as an innovative strategy for the development of open schooling activities related to science learning in schools. The project brings together school communities, research institutions, science museums and centers, and open-learning places to create the living labs teaching technique. The innovative technique will be tested and deployed in a real-world setting, demonstrating its power to drastically alter scientific instruction in European schools.

To move towards answers and actionable roadmaps, the Lisbon Council and the European Network of Science Centres and Museums convene the **High-Level Roundtable on Science and Education: How Innovation and Collaboration Can Deliver Better Science Education and Stronger Social Moorings in an Age of Misinformation**. In an interactive session, a high-level audience of education experts, policymakers, think tankers and academics will brainstorm and co-create a **Roadmap to European Policies for Living-Lab-Based Open Schooling**. The project is led by Schools as Living Labs (SALL), a 13-member consortium co-funded by the European Union.

- **Pavlos Koulouris**, senior researcher at Ellinogermaniki Agogi (Greece) and project coordinator of SALL, will present SALL's approach to education, in which schools become agents of community well-being by forming new collaborations with other local actors and addressing issues that are important to them.
- **Cassie Hague**, analyst at the Centre for Educational Research and Innovation at the Organisation for Economic Co-operation and Development (OECD), will present cutting-edge OECD evidence on innovation in education.
- As a renowned expert on impact-driven research development, innovation and education, **Tuija Hirvikoski**, director of Laurea University of Applied Sciences and former president and council member of the European Network of Living Labs, will join the discussion with an overview of policy objectives with regards to innovating school education systems across Europe.
- **Michael Teutsch**, head of unit, schools and multilingualism, DG education, youth, sport and culture at the European Commission, will present the European Union's perspective.

- **Francesco Mureddu**, director at the Lisbon Council, will introduce the *roadmap to European policies for living-lab-based open schooling*.
- In a 30-minute interactive co-creation session, participants will have the opportunity to report on policy challenges and gaps they are facing on national level. The results will feed directly into the formulation of SALL's *roadmap to European policies for living-lab-based open schooling*.

Thursday, 30 September 2021

09h00-10h30 CET

Cisco Webex

PROGRAMME:

09h00-10h30

High-Level Roundtable

Rethinking Policies for Innovating European Formal Education Systems

High-Level Speakers:

- **Cassie Hague**, analyst, Centre for Educational Research and Innovation, directorate for education and skills, Organisation for Economic Co-operation and Development (OECD)
- **Tuija Hirvikoski**, council member and former president, European Network of Living Labs
- **Pavlos Koulouris**, senior researcher, Ellinogermaniki Agogi; project coordinator, Schools As Living Labs project
- **Francesco Mureddu**, director, the Lisbon Council
- **Michael Teutsch**, head of unit, schools and multilingualism, DG education, youth, sport and culture, European Commission

Interactive Co-Creation Session:

- **All participants**

Moderator:

- **Matteo Merzagora**, scientific director, TRACES; director, *Espace des Sciences Pierre-Gilles de Gennes*, ESPCI-Paris Sciences et Lettres (PSL) University (France)

The SALL project has received funding from the European Union's Horizon 2020 Framework Programme for Research and Innovation under grant agreement No. 871794.

