

SEAS

The challenge

Our everyday lives are transformed by numerous changes in the environment, technological progress and socio-economical shifts in the society. *What kind of scientific knowledge and skills do students and grown-ups need to address these challenges?*

What can SCHOOLS do?

SEAS will develop tools and methods that facilitate collaboration between schools and local communities facing sustainability challenges through “open schooling”.

Schools cooperate with other institutions and organizations

OPEN SCHOOLING

Schools change the way science comes into the classroom

Schools change the way the science classroom makes a difference in the world.

Science in and for action

- ✓ **SEAS** will develop models for open schooling implementation that will support out-of-school collaboration.
- ✓ **SEAS** will promote new forms of scientific literacy and skills that better reflect skills required for transformational change.

How do we do it?

SEAS creates a flexible toolkit of *concepts, tools* and *methods* designed to support the launch and development of *open schooling networks*.

- ✓ **SEAS involves** a collaborative design approach, which means that educators, students and their families participate together with other actors in the local community to address real-life, complex sustainability challenges.
- ✓ **SEAS helps** educators, students and the local community actors to identify their learning goals and materials, and connect them directly with goals of social change and sustainability.
- ✓ **SEAS uses** ChangeLab meetings & workshops as a meeting point to support interactions between teachers, students, and other community stakeholders.
- ✓ **SEAS will** assess progress in key areas globally and locally across the countries involved in the project.

What do we use?

SEAS develops and investigates how different digital and social media tools may be used to facilitate open-schooling collaborations to address sustainability challenges.

The **LORET** tool supports the teachers.

The **cCHALLENGE tool** supports participants' engagement in sustainability

The **SenseMaker** tool helps participants track and deepen their emerging narratives of change.



LOCAL NETWORKS IN SEAS

SEAS will develop and support six open schooling networks in Austria, Belgium, Estonia, Italy, Norway and Sweden.

- ✓ The open schooling network in **Austria** works together with Austrian and German schools.
- ✓ The **Belgian** local open schooling network involves 5 schools from Eco-schooling programme in Flanders.
- ✓ The **Estonian** local network involves two public schools in Tallinn.
- ✓ The **Italian** network base in Bologna, and involves schools and collaborations more widely across the region.
- ✓ The **Norwegian** open schooling network develop around Kuben Upper Secondary School in Oslo, and involves a wider collaboration as well.
- ✓ The **Swedish** local network revolves around Polhemskolan in Visby, situated on the island of Gotland.

Explore the local networks in SEAS

The SEAS-project consists of six open schooling-networks in **Austria, Estonia, Sweden, Italy, Belgium** and **Norway**. Each network hosts projects related to sustainability and is a meeting point of collaborators within schools, universities, local businesses and the civil sector.

Check out our **BLOG** - www.seas.uio.no/blog/

WHO ARE WE?

Alps - Centre for Climate Change Adaptation, Austria
cCHANGE, Norway
EduQuality AB, Sweden
Energy Discovery Centre, Estonia
Flemish Department of Environment & Spatial
Development, Belgium
Fondazione Golinelli, Italy
The Association for Science Education (ASE), UK
University of Bologna, Italy
University of Ghent, Belgium
University of Innsbruck, Austria
Uppsala University – Sweden, Sweden
University of Oslo, Norway (Coordinator)

Find out more in the **NEWS** section
visit: seas.uio.no, and subscribe to our
newsletter

The SEAS logo consists of the word "SEAS" in a bold, teal, sans-serif font. Below the text are three horizontal lines: a teal line on top, a yellow line in the middle, and a teal line on the bottom.

Contact

Project leader
Professor Erik Knain
e.knain@hotmail.no

If you want to learn more
contact your local network
seas.uio.no



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engagement towards Sustainability**

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