

EU-CONEXUS Workshops for High Schools

MAKING SCIENCE FUN



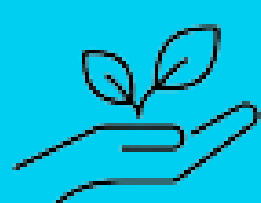
Co-funded by the
Erasmus+ Programme
of the European Union



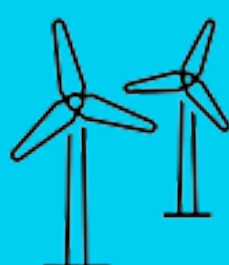
The European University for Smart Urban Coastal Sustainability (EU-CONEXUS) invites high students of the partner countries to [broad their knowledge in Smart Urban Sustainability topics](#) of their election.

The richness of coastal areas makes them quite attractive for societies. Today, nearly 60% of the world population lives less than 100 kilometres away from the coast. However, coastal areas are particularly vulnerable to the effects of climate change, and to the negative impact of human presence. Therefore, [our coasts are facing complex challenges](#).

Smart Urban Coastal Sustainability responds to the challenge of environmental transition energy, and digital transformation, which are especially relevant for the sustainability of coastal areas. The challenges of a sustainable development in the coastal area are interdisciplinary. Therefore, our [workshops will address four main topics](#) covering different aspects of sustainable development in smart urban coastal areas:



ENVIRONMENT
AND
BIODIVERSITY



ENERGY AND
SUSTAINABLE
CONSTRUCTION



DIGITAL
TRANSFORMATION



CULTURE, SOCIETY,
ORGANISATION
AND EDUCATION

Why?

👉 LEARN ABOUT SMART URBAN COASTAL SUSTAINABILITY

Smart urban coastal sustainability is the answer to the societal challenges of environmental transition, energy transition, and digital transformation. EU-CONEXUS promotes a complementary and interdisciplinary approach to these major societal challenges.

Coastal areas provide provisioning, regulating, supporting and cultural ecosystem services, which are important, not only for local communities, but also for the wellbeing of whole nations. However, coastal ecosystems are expected to be heavily affected by climate change in the future, but also by many other threats related to natural and human disturbances such as increasing erosion and flooding risks associated with sea-level rise and local changes in storminess.

As other regions in the world, European coastal areas and seas have been changing over the time, under both natural processes and centuries of human activities, such as polderisation, dredging or shoreline artificialization. The ongoing sea-level rise makes coastal areas more exposed and vulnerable to coastal hazard and dreads the sustainability of urbanized coastal areas.

In this context, this workshop will bring together scientists and students to share the latest progress and discuss new ideas dealing with coastal hazards and risks.



👉 IMPROVE YOUR ENGLISH LANGUAGE SKILLS

The workshop aims to develop English and STEM skills through a Smart Urban Coastal Sustainability Focus. At the same time, students will be learning valuable skills that help them be more effective at communicating with different audiences in different situations and understanding how to brainstorm and work on solutions for real-world problems.

👉 CERTIFICATION AND GOODIES*

EU-CONEXUS Workshop participants will receive a certificate and a few EU-CONEXUS goodies.

*The Workshop is free of charge. The costs of transfer should be assumed by the school.

Audience

Students aged 16 – 18 (2 last years of high school) can participate.

Programme

Students will visit their local EU-CONEXUS partner university and they will attend face to face sessions that will be conducted by our partner universities.

The workshop will be given in English and will have an estimated duration of 90 minutes (40 minutes – break – 40 minutes) organised as follows:



Part 1: common introduction about EU-CONEXUS and Smart Urban Coastal Sustainability. This part will be conducted online by a representative from EU-CONEXUS other than the local host. The duration of this introductory part will be around 10 minutes

Part 2: based on the topic chosen by each school, experts from the partner institutions will lead the corresponding workshop. Two EU-CONEXUS experts will be present. First, the online guest will give a talk with an approximate duration of 40 minutes (questions included). Then, the local host will lead a face-to-face workshop (40 minutes + question time).

When?

The availability of each workshop will depend on the EU-CONEXUS institution leading it. Interested schools should send their requests to their local EU-CONEXUS representative.

Local contacts

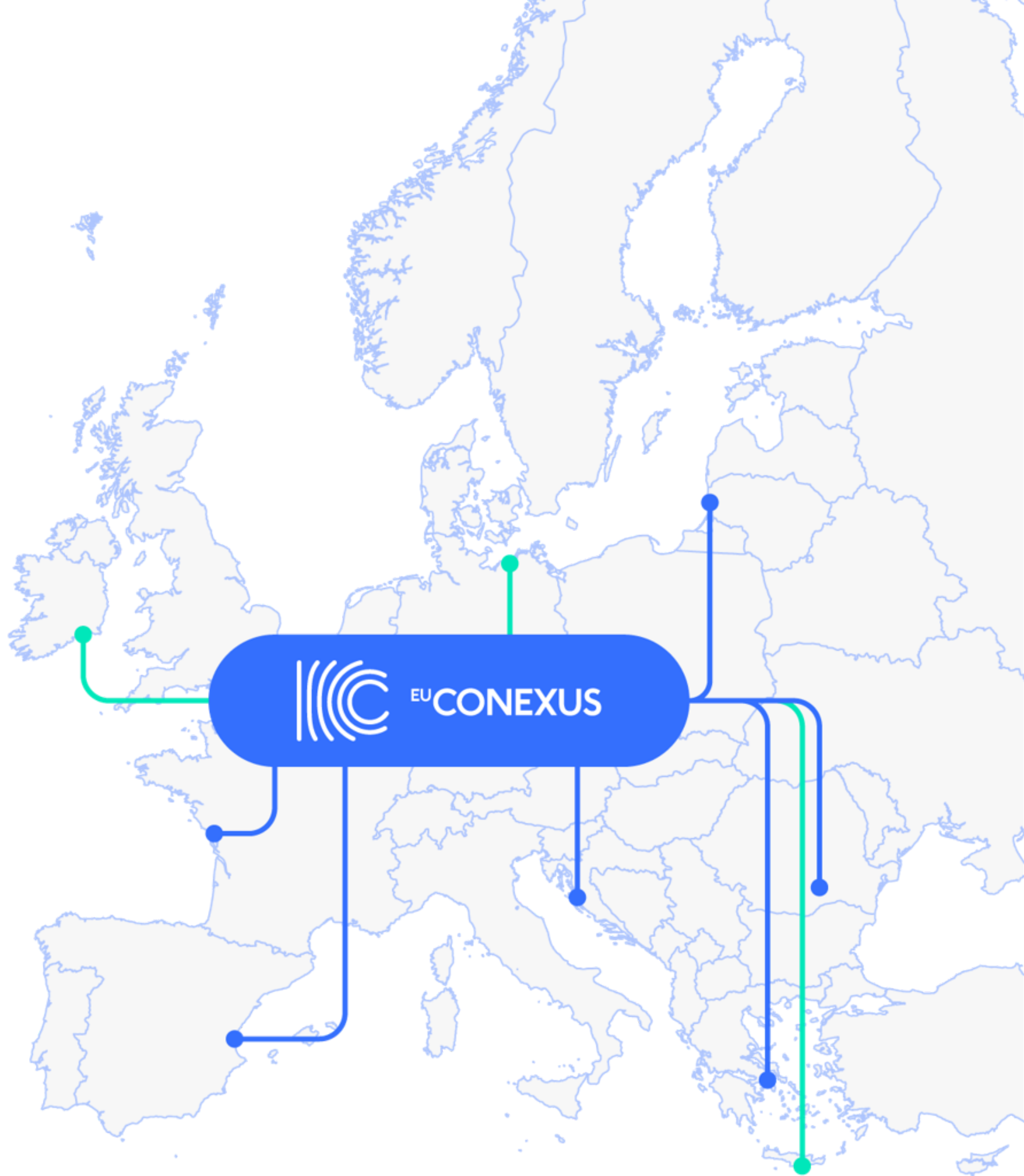
Local EU-CONEXUS partner university

Name Surname

AUA (Athens, Greece)	<u>Evi Chatzoglou</u>
KU (Klaipeda, Lithuania)	<u>Jevgenija Rute</u> - <u>Vytautas Paulauskas</u> (green ports)
UCV (Valencia, Spain)	<u>Raquel Blave</u>
UNIZD (Zadar, Croatia)	<u>Valerija Šinko</u>
UTCB (Bucharest, Romania)	<u>Mihnea Sandu</u>
UTCB (Bucharest, Romania)	<u>Charles Berville</u>

Questions?

If you have any question, contact your local EU-CONEXUS representative.



The European University for Smart Urban Coastal Sustainability (**EU-CONEXUS**) is a transnational European higher education and research institutions that covers the smart urban sustainable coastal development from a global point of view, relying on an interdisciplinary, trans-sectoral and trans-national approach.

The competitive advantage of EU-CONEXUS is based on the identified thematic orientation of its educational programmes, research areas and its comprehensiveness that achieved by joining forces and assembling the complementary expertise of the partner universities and associated partners.

Shifting your comfort zone from school to university