

Key Action: Cooperation for innovation and the exchange of good practices  
Action Type: School Exchange Partnerships

### Project Title

# C.C.A. Climate Change Awareness

## Project Coordinator

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## Project Information

**Identifier** 2020-1-PL01-KA229-081498  
**Start Date** Sep 1, 2020  
**End Date** Aug 31, 2022  
**EC Contribution** 197,416 EUR  
**Partners** St Eskils Gymnasium (SE) , Agrupamento de Escolas de Parede (PT) , IMKB 24 KASIM ANADOLU LISESI (TR) , TENDRING TECHNOLOGY COLLEGE (UK) , LICEO SCIENTIFICO STATALE GALILEO GALILEI PERUGIA (IT)  
**Topics** Environment and climate change ; ICT - new technologies - digital competences ; Civic engagement / responsible citizenship

## Project Summary

C.C.A. Climate Change Awareness has originated as a follow-up to an eTwinning project of the same name. It is directed at the students and teachers of six partner schools whose primary objective is to foster environmental education and European cooperation.

The aims of the project are to expand our pupils' knowledge of climate change and sustainable development through participation in in-person and online learning activities centered around natural philosophy and ethics, geography, biology and scientific research. Students will increase their civic engagement, media literacy and ICT competences. They will improve competence in soft skills with emphasis on communication, teamwork and adaptability. Last but not least, they will enhance linguistic competence and increase motivation to learn foreign languages. The teachers involved will get acquainted with new methods of teaching and learning and exchange ideas and experience. All the participants will learn about the cultural heritage of partner countries and increase tolerance towards other cultures and citizens of other nations. We will strengthen the European dimension of participating schools.

During the twenty-four months of the project there will be six international meetings, each hosted by a different partner. We have planned 120 student and 60 teacher mobilities, five short-term exchanges of groups of pupils and one short-term joint staff training event. In between international mobilities all participants will be using Twinspace as a platform for communication and cooperation.

To help our students gain a deeper insight into the topics of air pollution, biodiversity and food equality, global water security, rivers and flooding mitigation, oceans as a global system, sustainable energy systems, eco-innovation and the ethical implications of climate change we are planning to use formal and informal teaching methods. The students will participate in research lab work (air quality measurements and weather data collection), workshops (topics ranging from the Italian Arte Povera and upcycling to forest ecosystems and their impact on air quality), talks and lectures with experts, ICT coding activities, visits to institutions and companies such as the Thames Barrier, the Cascais Tide Gauge, the European Maritime Safety Agency in Lisbon, the Food and Agriculture Organization of the United Nations in Rome or Volvo group. By exposing students to good practices and meaningful ways to improve the natural environment, we aim to boost their confidence and interest in STEM subjects. Making science fun and interesting, with experiments and apps, we will make students aware of the relevance of science in our daily lives as well as in the fight against climate change. Due to experience exchange in the field of methodology teachers will develop their teaching skills and by this will increase the level of education in the respective workplaces. All partner schools will enhance international cooperation and integrate good practices from partner schools into daily activities.

All the effects and products resulting from the project will be shared and made available to the communities of participating schools. They will include: an app, a mathematical model, a project website, a project Twinspace and E+ CCA Toolkit for European Teachers with lesson plans, activity ideas and teaching tips.

Potential long-term benefits: Boosting the level of education and educational offer of the schools, increasing the quality of international cooperation, strengthening tolerance, openness and respect amongst employees and students.

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