

RIANXO - PROBLEU

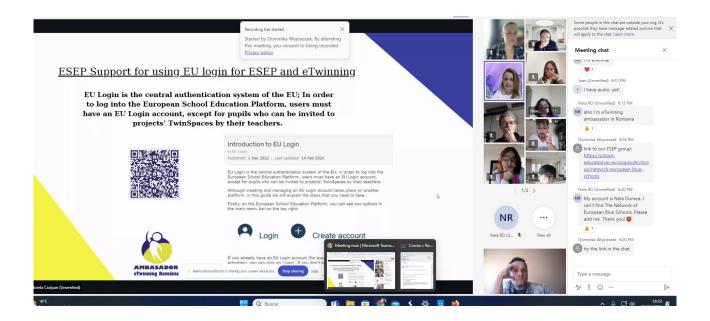
Study of the impact of the increase in the temperature of maritime and continental waters on the Arousa estuary. Analysis of the consequences.

Rianxo is a coastal location on the Arousa estuary, located in Galicia, Spain. As a fishing village, the main economic activities revolve around the sea: inshore fishing, shellfishing on foot, aquaculture on boats and tourism.

The main objective of this project is to analyze the risks and consequences of the increase in water temperature on the natural environment, the landscape, the fauna and the local vegetation as well as its inhabitants and the activities they carry out.

Focused on oceanic culture as members of the NEBS (To the way, IES Félix Muriel, 2021-2022) we seek to know, understand, analyze and propose solutions to these challenges with the following proposal:

- 1. Study of the local landscape and analysis of its ecosystem
- 2. Interventions in space through the design and production of a model of a monitoring station or data collection (water temperature and salinity) exportable to different points of the Arousa estuary in collaboration with other centers or entities. We also will develope actions to protect and recover the environment through the cleaning of natural spaces, collaboration with NGOs, etc.
- 3. Awareness of the risks of production and consumption models in the increase in water temperature and its consequences through: Analysis of the effects of spills and the massive consumption of plastics on the landscape; study of the cause-effect relationship with demographic challenges: aging and dependency; and tourism and demographic pressure; proposals for a sustainable economy and responsible consumption; and integration of the different literary and audiovisual languages and digitization as elements of social awareness
- 4. Use of AI to create alternative realities of the future as a result of passivity in the face of the climate emergency.
- 5. Exchanges of experiences. Collaboration with the Refuges project of IES Lagoa de Antela, Xinzo de Limia as well as with European educational centers of the Erasmus+ network.
- 7. Renewal the NEBS acreditation



https://school-education.ec.europa.eu/en/group/network-european-blue-schools





