



ECOPLANET s.r.l.



Project: BLUE TEmPLATE

BLUE TECh PARtnership Education

Report Short-term student exchange

Barcelona (ES)

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**BLUE TEmPLATE Project - BLUE TEch PARtnership Education****Report Short-term student exchange –Barcelona (ES) 2019 – C2**

The second Short-term student exchange was organised in Spain from 1-5 April 2019. A hostel was used for the accommodation with breakfast for the pupils and a nearby hotel for the accompanying professors. The students had lunch at the Instituto Nautico de Barcelona, and a cost-effective solution was found for dinner. A 50-seater coach was used for transfers during visits to the company premises and the Maritime Museum, while public transport was used for internal transfers. Sporting activities were also carried out to show students rescue techniques.

Although only 10 students were envisaged in the project, the Capellini-Sauro Institute decided, given the importance of the exchange experience, to send 20 students, directly bearing the cost of the 10 students not envisaged. Lycee Rouviere sent 9 pupils. All the pupils were selected from among those who were most willing and interested in doing the work experience in a foreign country. The participants demonstrated specific requirements highlighted by the entry assessment forms administered at the beginning of the school year. Pupils had sufficient knowledge of English, which enabled them to break down territorial and linguistic boundaries, demonstrating interest and ability.

The students were accompanied by the teachers of their school and the 5 transnational exchange days were "Full immersion" with activities in companies, visits to the partners' facilities and moments of meeting the local realities with the main objective to provide new knowledge on specific activities/jobs related to their studies and secondary objective to make them European citizens..

Week Agenda**Monday April 1st**

Welcome to students and teachers, presentation and details of the organisation and logistics of the week

- Institut de Nàutica de Barcelona (Seu)

Sports activities. Group dynamics

The beach sports students organised activities on the beach, such as team building, showing also the leisure possibilities of Barcelona's beaches

Beach / Centro Municipal de Vela.

A professor of the Universidad Politecnica de Cartagena (UPC) explained how the global positioning system works today at Institut de Nàutica de Barcelona (Seu).

Tuesday April 2nd

Tour of the Port of Barcelona: Visit to the Port of Barcelona and its environment with the Escola Europea Intermodal Transport. The students were able to observe first-hand the operations, traffic, infrastructure and operators of the Port through a boat tour with explanations from the teachers.

- Port (Escola Europea - Intermodal Transport).

Wednesday April 3rd

Visit to the technical workshop in the school's shipyard: teachers from the Institut de Nàutica de Barcelona together with the students prepared a technical workshop in the shipyard (carpentry, electronics and naval auxiliary systems).



- Institut de Nàutica de Barcelona (Drassana, Passeig Joan de Borbó 100).

Royal Dockyards. Barcelona Maritime Museum: a guided tour of one of Barcelona's most historic museums, with its flagship and the Santa Eulàlia motorboat.

- Museu Marítim de Barcelona.

Thursday April 4th

Remote-controlled vehicles. ROV Talk: a teacher from Cartagena Polytechnic gave a lecture, with slides and videos, on how ROVs work. (Remote Operated Vehicles)

- Institut de Nàutica de Barcelona (Seu).

Facultat de Nautica de Barcelona. Planetarium: a visit was made to the Faculty of Nautical Science in Barcelona and its Planetarium.

- Facultat de Nàutica de Barcelona.

Barceloneta Tour: Visit of the Barceloneta district, Barcelona's maritime district, and the Fish Market, the stevedores, the dock workers.,...

- Institut de Nàutica de Barcelona (Seu) Barri de la Barceloneta

Friday April 5th

Preparing for a transoceanic race: with colleagues from FNOB (Fundació Navegació Oceànica de Barcelona), the Barcelona ocean sailing foundation that promotes the sport of transoceanic sailing, lectures were given on how to prepare for a transoceanic race, the problem of plastic waste on the environment, and how ROVs, AUVs and other sensors can be used

- Institut de Nàutica de Barcelona (Drassana, Passeig Joan de Borbó 100)

Participants:

Istituto Capellini-Sauro (Italy) - Students: n. 20. Professors: n. 2.

Lycée Polyvalent Rouvière (France) - Students: n.10. Professors: n. 2.

Insitut de Nautica de Barcelona (Spain) - Students: n. 18. Professors: n. 2.

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