

Sustainability: Without water there is no future!

Barcelona, 16th - 21st October 2023



1st day, Monday 16th October
Meeting of participants with
trainers Josep and Kostis. We
talked about our program, the
goals and the expectations.
We were informed about the
program and the city of
Barcelona.



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2nd day, Tuesday 17th October,
Ways of Water in Barcelona.
All participants took a long
route finding important
historical points of the city
that are related to water. We
found fountains, which
unfortunately due to the
prevailing drought had no water,
public fountains, etc.



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In the afternoon we visited La Casa de l'Aigua, which was the first water extraction and water transfer plant in the city of Barcelona. The building is an architectural jewel of the city, a typical example of industrial modernism. We were shown around the premises of the building by the site manager and were delighted.

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3rd day, Wednesday 18th October

Visit to the ETAP Water purification plant (Sant Joan Despi). We watched how the water of the Llobregat River is cleaned and processed in various stages to end up in the city's network as drinkable water.

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In the afternoon we visit the AGBAR Water Museum. A very special museum of the last century where there were water tanks and pumps that supplied the city. To operate it had its own coal-fired steam power plant. The garden surrounding the museum is very beautiful with various trees and aromatic plants.

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In the afternoon we visit ATL ITAM Desalination plant. A high standard factory for producing useful water from seawater. We saw all the stages of seawater treatment and purification.

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4th day, Thursday 19th October
We visited the facilities of the Biological cleaning (Wastewater Treatment Plant, EDAR - El Prat). We were introduced to the operation of the facilities and were given a tour by a competent employee.

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In the afternoon we visited the CosmoCaixa Museum and more specifically the Amazonian flooded forest section, where we were informed about the phenomenon of Climate Change and how it affects water on our planet.

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5th day, Friday 20th October
09:00-10:30

Visit to the Center Mediterrani d'investigacions Marines i Ambientals. They presented us educational projects aimed at students about the oceans and the sea.

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10.30-11.30 Visit to the Shipyard of the Barcelona Sailing Club. We saw step by step the construction of the unique Patí de Vela boats, which participate in Regatas.

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12.00-14.00 Visiting the Center de la platja, we were informed about the pollution of the sea and the beaches and about the projects that are done to raise awareness among students. We participated in a workshop collecting sand from the beach and looked for amounts of microplastics.

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6th day, Saturday 21 October

Presentation of the activities

Discussion

Evaluation of the Program

Receipt of Certificates

Thank you for your attention!!!

Dimitris - Grigoris