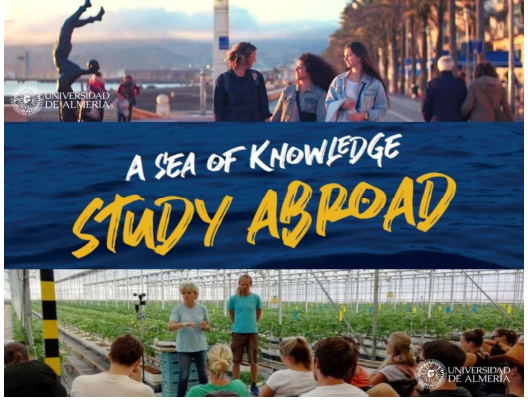
TRAINING IN MICROALGAE-BASED INDUSTRIAL PROCESSES



July, 3-7th, 2023

University of Almería, Spain

Objective: To provide the basic knowledge, and needed skills to grow microalgae, characterize the biomass and conceptualize microalgae processes. To demonstrate the feasibility of microalgae-related processes and identify the markets in which these processes can be suitable. To provide access to real data and experience of microalgae-related industrial processes

Content:
MODULE 1: Biology and basic principles of microalgae cultures
MODULE 2: Fundamentals of microalgae photobioreactors
MODULE 3: Harvesting and processing of microalgae biomass
MODULE 4: Economic and sustainability analysis of microalgae processes
MODULE 5: Commercial application of microalgae and techno-economic assessment of microalgae processes

Professors:
Luisa Gouveia, Researcher of National Laboratory of Energy and Geology, Portugal
Paula Perez-Lopez, Associate Research Scientist en Mines Paris – PSL, France
F. Gabriel Acien, Dpt. Chemical Engineering, University Almeria, Spain

Visits:
SABANA demo facility at IFAPA-UAL
BIORIZON BIOTECH SL Industrial facility producing biostimulants from microalgae
FCC AQUALIA: Industrial facility wastewater treatment using microalgae

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