HELIOS-One Health Living Lab: Connecting Health, Environment and Community



~Open and free activity
~18:00h
~Miramar Palace, San Sebastián or online

A talk by Oihana Díaz de Cerio and Olgalú Hernández-Manrique.

Helios-OHLL brings together knowledge, community and action in order to address the environmental and health challenges of the lower basin of the River Butrón and the Bay of Plentzia.

17.Dec 2026

Cod. W13-26

Mod.:
Streaming Face-to-face

Edition
2026

Activity type
Open activity

Date
17.Dec 2026

Location
Miramar Palace

Languages
Spanish

Organising Committee

Description

Current health, environment and wellbeing challenges of communities are complex and closely connected. Helios-OHLL, covering the Bay of Plentzia and the River Butrón estuary, has been set up as a collaborative space involving research, public administrations, civil society, the private sector and the natural environment itself.

The Living Lab combines the One Health approach with the Living Labs methodology in a real context. Its concept includes the quintuple helix, which integrates academia, the public administration, citizenship and civil society, industry and the environment, thus fostering cooperation between stakeholders with different expertise, interests and capabilities.

The conceptual model puts five interrelated aspects at the heart of the Living Lab: knowledge and research, community awareness-raising, education, action and participation processes. These aspects are underpinned by a strategy and operations that allow the Living Lab to be organised, while the long-term sustainability and impact and assessment internal processes enable the learning, assessment, and consolidation of its functioning.

The Helios-OHLL co-design process was developed between 2023 and 2026, beginning with the BC3 team, Plentzia Marine Station (PiE-EHU) and JRL-EAR. Work was done on defining the vision, mission, values, agents and possible actions of the Living Lab, combining internal work with meetings and workshops with external stakeholders. The first external workshop, held in June 2025, involved 11 organisations and allowed 48 activities related to One Health to be identified. In March 2026, a second workshop was conducted with 14 institutions and organisations in which they prioritised needs and put forward six specific proposals linked, inter alia, with health and sport, intergenerational engagement, environmental monitoring, analysis and awareness-raising.

The process has also addressed six work strands: strategy, stakeholder mapping, activity mapping, discussing the role of social sciences, applications for long-term sustainability and communication with educational centres. In tandem, an inventory of One Health indicators has been prepared covering aspects such as climate change, pollution, social context, coastal pathogens, state of health and biophysical context.

The paper will trace the journey from the concept to the first steps to roll out Helios-OHLL, with the focus on how to build a One Health Living Lab in a specific territory; which opportunities and challenges arise from the diversity of stakeholders; and how the co-creation experiences can help climate change adaptation and strengthen local resilience.

Program

17-12-2026

18:00 - 18:45 “ HELIOS-One Health Living Lab: Para conectar salud, ambiente y comunidad“

Language: Spanish

Helios-OHLL reúne conocimiento, comunidad y acción para afrontar los retos de salud y del ambiente en la cuenca baja del río Butrón y la Bahia de Plentzia.

Oihane Diaz de Cerio Arruabarrena | PIE - EHU - Profesora agregada de Zoología y Biología Celular Animal de la EHU e investigadora de la Estación Marina de Plentzia (PiE-EHU) | EHUko Zoologia eta Animalien Biologia Zelularreko irakasle agregatua eta Plentziako Itsas Estazioko (PiE-EHU) ikertzailea.
Olga Hernandez Manrique | BC3 - Investigadora postdoctoral en el Basque Centre for Climate Change (BC3) | Doktoretza osteko ikertzailea Basque Centre for Climate Change (BC3) zentroan.

Eva Caballero kazetariak hizlariekin elkarrizketa izango du hitzaldia amaitutakoan / La periodista Eva Caballero mantendrá un diálogo con las ponentes una vez finalizada la conferencia

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Teachers



Oihane Diaz de Cerio Arruabarrena

Associate Professor of Zoology and Animal Cell Biology at the University of the Basque Country (EHU) and researcher at the Plentzia Marine Station (PiE-EHU).

Oihane Diaz de Cerio: Assistant professor at the Department of Zoology and Animal Cellular Biology of the Science and Technology Faculty at the University of the Basque Country. Researcher of the Cell Biology in Ecotoxicology + One Health Group (BCTA+OH) at the Plentzia Marine Station (PiE-EHU). Her work focuses on analysing the effect of environmental pollution on marine organisms; in particular, she studies the effects on fish reproductive organs.



Olga Hernandez Manrique

Postdoctoral researcher at the Basque Centre for Climate Change (BC3).

Olgalú Hernández-Manrique: Post-doctoral researcher at Basque Centre for Climate Change (BC3). Biologist and PhD in biodiversity, conservation and management of species and habitats from Alicante University. Her work focuses on socio-ecological systems, landscape sustainability, governance and transdisciplinary approaches to the relationship between health, environment and territory.

Registration fees

REGISTRATION - FACE-TO-FACE	UNTIL 17-12-2026
General	0 EUR

REGISTRATION - ONLINE	UNTIL 17-12-2026
General	0 EUR

Place

Miramar Palace

Pº de Miraconcha nº 48. Donostia / San Sebastián

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