



RePHIL

RePHIL in a nutshell

The project «Hellenic Research Fleet - Reconstruction of the Research Vessel **PHILIA** is funded by the Operational Program (OP) «Competitiveness Entrepreneurship and Innovation» (**NSRF**) for the period 2014-2020 from the Regional Departments of Crete, Attiki and South Aegean, co-financed by the European Regional Development Fund (**ERDF**) and the total budget amounts to **3.133.006,38€**.

The Research Vessel (**R/V**) **PHILIA** has a length of 26 meters and was constructed in 1986. Its reconstruction and modernization is of high priority as to expand its business activities and to meet the demands of contemporary fisheries and oceanographic research in relation to climate change and to the ecosystem based management approach.

Co-financed by Greece and the European Union



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The project involves two partners, the Hellenic Centre for Marine Research (**HCMR**) and the National Technical University of Athens (**NTUA**) – Department of Marine Engineering. The project coordinator is Dr. Athanassios Machias, Research Director at the HCMR and professor Manolis Samouilidis, Scientific Director of NTUA.

Dr. Athanassios Machias

Research Coordinator – Research Director

Address: 46,7 km Athens - Sounio ave., P.O. Box 712, P.C. 19013, Anavyssos, Attiki, Greece

Email: amachias@hcmr.gr



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Hellenic Research Fleet
Reconstruction of the Research Vessel PHILIA (**RePHIL**)

January 2018 - June 2022

www.rephil.eu

RePHIL

Work Packages

WP1: Project Management

WP2: Modernization and upgrading of the construction of R/V PHILIA

WP5: Synergy program to evaluate the reconstruction and the upgraded equipment of the R/V PHILIA

WP3: Modernization and upgrading of the equipment of the R/V PHILIA

WP6: Free use of the R/V PHILIA and its upgraded equipment by third parties

WP4: Promotion and Dissemination



RePHIL

Users access policy

The **R/V PHILIA** is a versatile platform for the conduction of fisheries, hydrography, biological, chemical, physical, geological and geophysical research as well as carrying out hydroacoustics surveys and supporting underwater vehicles' operations in shallow waters and in the open sea.

The **R/V PHILIA** is available for charter for targeted research and surveys in Greece, Europe or overseas and accessible from educational, research and academic institutions, industry enterprises and administrative structures.

Accessibility and terms of use of the **R/V PHILIA** is based on standard procedures applied in Europe and on the european platform **EUROFLEETS** (www.eurofleets.eu).

RePHIL

The objective of the upgraded infrastructure is:

- ▶ ensure its security and functionality and offer improved facilities to researchers
- ▶ expand its research activities by contributing to research and innovation through the use of new advanced technological tools
- ▶ broaden its access and use by stakeholders through a series of actions including the communication and dissemination strategy
- ▶ contribute to the support of productive sectors of fisheries, fish farming and related businesses as well as tourism
- ▶ help in the exploitation of mineral resources by searching for undersea energy reserves through modern hydroacoustic equipment
- ▶ contribute directly or indirectly to the number of scientific publications in new scientific fields
- ▶ contribute to the realization of new doctoral theses and create jobs for young researchers

