

NOW with EMBRC!

Apply for the funded AQUAEXCEL3.0

Transnational Access Program

Do you work in public or private Aquaculture Research (including for SMEs) and want to gain open, inclusive, streamlined and free access to the best Aquaculture Research Infrastructures in Europe?

The AQUAEXCEL3.0 project invites proposals from European researchers (particularly young researchers) for scientific research that utilises the installations of selected participating Aquaculture Research Infrastructures. These installations are made available to the research community for Transnational Access (TNA) with the support of the European Union's Horizon 2020 Programme.

Interested researchers can propose aquaculture research projects that:

- ✓ Involve research on any AQUAEXCEL3.0 target species (includes fish, shellfish and macroalgae species) at one of the available aquaculture research infrastructures.
- ✓ Are aligned with the EATiP Strategic Research & Innovation Agenda.
- ✓ Involves a visit of one or two people to one of the research infrastructures that offers installations not available in their own country, for a period of up to three months. Access to the research infrastructures and associated travel and subsistence expenses will be paid for under the AQUAEXCEL3.0 project.

AVAILABLE RESEARCH INFRASTRUCTURES COVER:



WATER ENVIRONMENTS

Freshwater, Marine, Cold, Temperate and Warm Water Environments



SPECIES

Salmonids, Cold and Warm Water Marine Fish, Freshwater Fish, Artemia, **Shellfish, Macroalgae, Worms and Insects**



FIELDS OF EXPERTISE

Nutrition, Physiology, Pathology, Health and Welfare, Genetics, Rearing Systems, Aquaculture Engineering and Integrated Operations, Modelling, Design, ICT and Bioinformatics.



AQUACULTURE SYSTEMS

Cage, Pond, Recirculation, Flowthrough, Hatchery and Disease Challenge Systems, **Integrated Multitrophic Aquaculture**



FACILITY SCALES

Small, Medium and Industrial Scales

*new fields compared to AQUAEXCEL²⁰²⁰ highlighted in **bold**



CZECHIA

▶ JU FFPW

- Institute of Complex Systems (ICS)
- Institute of Aquaculture and Protection of Waters (IAPW)
- Intensive Freshwater Aquaculture Units (IFA)
- Laboratory of Fish Genetics and Reproduction and Hatchery (GRC)

DENMARK

▶ DTU-AQUA

- DTU Aqua Aquatic Animal Health (AAH) at the Unit for fish and shellfish diseases
- DTU Aqua Unit DSC: Danish Shellfish Center (Danish Shellfish Centre: Shellfish and macroalgae production)

FRANCE

▶ Institut national de recherche pour l'agriculture, l'alimentation et l'environnement (INRAE)

- Experimental Trout Culture Station (PEIMA)
- Fish Nutrition Farms and Platform (STPEE)
- Fish Infectiology Platform (IERP)
- Fish Physiology and Genomics Facility (LPGP)

▶ Institut Français de Recherche pour l'Exploitation de la Mer (Ifremer)

- Palavas Experimental Aquaculture Research Station (PEARS)
- La Tremblade Experimental Aquaculture Research Station (PMMLT)
- Mollusc Experimental Platform of Bouin (PMMB)

▶ Université de Lorraine (UL)

- Experimental Platform in Aquaculture (EPA)

GREECE

▶ Hellenic Centre for Marine Research (HCMR)

- Aqualabs
- Genomics & Bioinformatics (Omics-Bioinfo)

HUNGARY

▶ MATE aquaculture experimental facilities

- RECIRK
- Outdoor Experimental Pond Station (OEPS)

ITALY

▶ UNITO-DISAFA

- DISAFA -AQUA (Fish nutrition farm)
- DISAFA-INSECTS (Insect rearing farm)

40 top class European aquaculture facilities covering biology to technology, in all types of systems and all major EU farmed species, including the most promising new species.

Please contact the AQUAEXCEL3.0 facility you would like to access to discuss availability and your research application.

More information: aquaexcel.eu/interactive-map



THE NETHERLANDS

▶ WU aquaculture experimental facilities

- Metabolic Research Unit (MRU)
- Recirculating Aquaculture Systems (RAS)

▶ WR WRL-Fish performance

NORWAY

▶ IMR Matre

- CELL land-based facilities

▶ Nofima AS (NOFIMA)

- Research station for Sustainable Aquaculture (NRSA)

▶ Norwegian University of Science and Technology (NTNU)

- Centre for fisheries and aquaculture: Sealab

▶ SINTEF Ocean SA

- SINTEF ACE
- Norwegian Seaweed Technology Center (NSTC)

PORTUGAL

▶ Centre of Marine Sciences of the Algarve (CCMAR)

- Algarve Marine Sciences Centre, Ramalhete station (Ramalhete)
- CCMAR-Labs and Platforms
- IPMA's Aquaculture Research Station

SPAIN

▶ Agencia Estatal Consejo Superior de Investigaciones Científicas (CSIC)

- Instituto de Acuicultura Torre de la Sal/Experimental Tanks (IATS-EXP)
- Instituto de Acuicultura Torre de la Sal/Analytical Labs (IATS-ANA)

▶ Universidad de Las Palmas de Gran Canaria (ULPGC) - Marine Science & Technology Park (PCTM)

- Warm Water Species Selection Unit (WWSSU)
- Feed Ingredients and Additives Testing Unit (FITU)
- Marine Bio-Assays Station (MBS)

▶ Instituto Español de Oceanografía (IEO)

- AquaCOV
- ICAR-MAP
- PAU

UK

▶ The University of Stirling (UoS)

- Institute of Aquaculture (IoA)



EMBRC
EUROPEAN
MARINE
BIOLOGICAL
RESOURCE
CENTRE

**EMBRC joins AQUAEXCEL3.0's
Transnational Access Program**

FRANCE

- ▶ Institut de la Mer de Villefranche (IMEV)
- ▶ Observatoire Océanologique de Banyuls sur Mer (OOB)
- ▶ Station Biologique de Roscoff (SBR)

SPAIN

- ▶ Plentzia Marine Station (PIE-UPV/EHU)
- ▶ Spanish Bank of Algae (BEA-ULPGC)
- ▶ Toralla Marine Science Station - Vigo University Marine Research Centre (ECIMAT-UVIGO)

BELGIUM

- ▶ Flanders Marine Institute (VLIZ)
- ▶ Ghent University (UGENT)
- ▶ Katholieke Universiteit Leuven (KULeuven)
- ▶ Royal Belgian Institute of Natural Sciences (RBINS)

NORWAY

- ▶ Austevoll Research Station (IMR-ARS)
- ▶ Marine Biological Station Espeland (UIB-MBSE)
- ▶ Norwegian Institute for Water Research (NIVA)
- ▶ Norwegian University of Science and Technology (NTNU)
- ▶ Sea Lice Research Centre (UIB-SLRC)
- ▶ University of Oslo (UIO)

ISRAEL

- ▶ Israel Oceanographic and Limnological Research - National Center for Mariculture in Eilat (IOLR-NCM)
- ▶ Israel Oceanographic and Limnological Research - National Institute of Oceanography (IOLR-NIO)

ITALY

- ▶ Agenzia Nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile (ENEA-LS)
- ▶ Istituto di Scienze Marine - Venezia (CNR-ISMAR)
- ▶ Istituto di Scienze Polari (CNR-ISP-ME)
- ▶ Istituto di Scienze Polari - Roma (CNR-ISPRM)
- ▶ Istituto per le Risorse Biologiche e le Biotecnologie Marine - Lesina (CNR-IRBIM-L)
- ▶ Istituto per le Risorse Biologiche e le Biotecnologie Marine - Messina (CNR-IRBIM-M)
- ▶ Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA)
- ▶ National Institute of Oceanography and Experimental Geophysics (OGS)
- ▶ Stazione Zoologica Anton Dohrn (SZN)
- ▶ The Marine Research and High Education Center (UNIMIB-MarHE)
- ▶ Università degli Studi della Tuscia (UNITUS)
- ▶ Università degli Studi di Cagliari (UNICA)
- ▶ Università degli Studi di Ferrara (UNIFE)
- ▶ Università degli Studi di Messina (UNIME)
- ▶ Università degli Studi di Torino (UNITO)
- ▶ Università del Salento (CONISMA-UNISALENTO)
- ▶ Università di Camerino - URDIS (CONISMA-UNICAM)
- ▶ Università di Padova - Hydrobiological Station "U. D'Ancona" (CONISMA-UNIPD)
- ▶ Università Politecnica delle Marche (UNIVPM-DISVA)

PORTUGAL

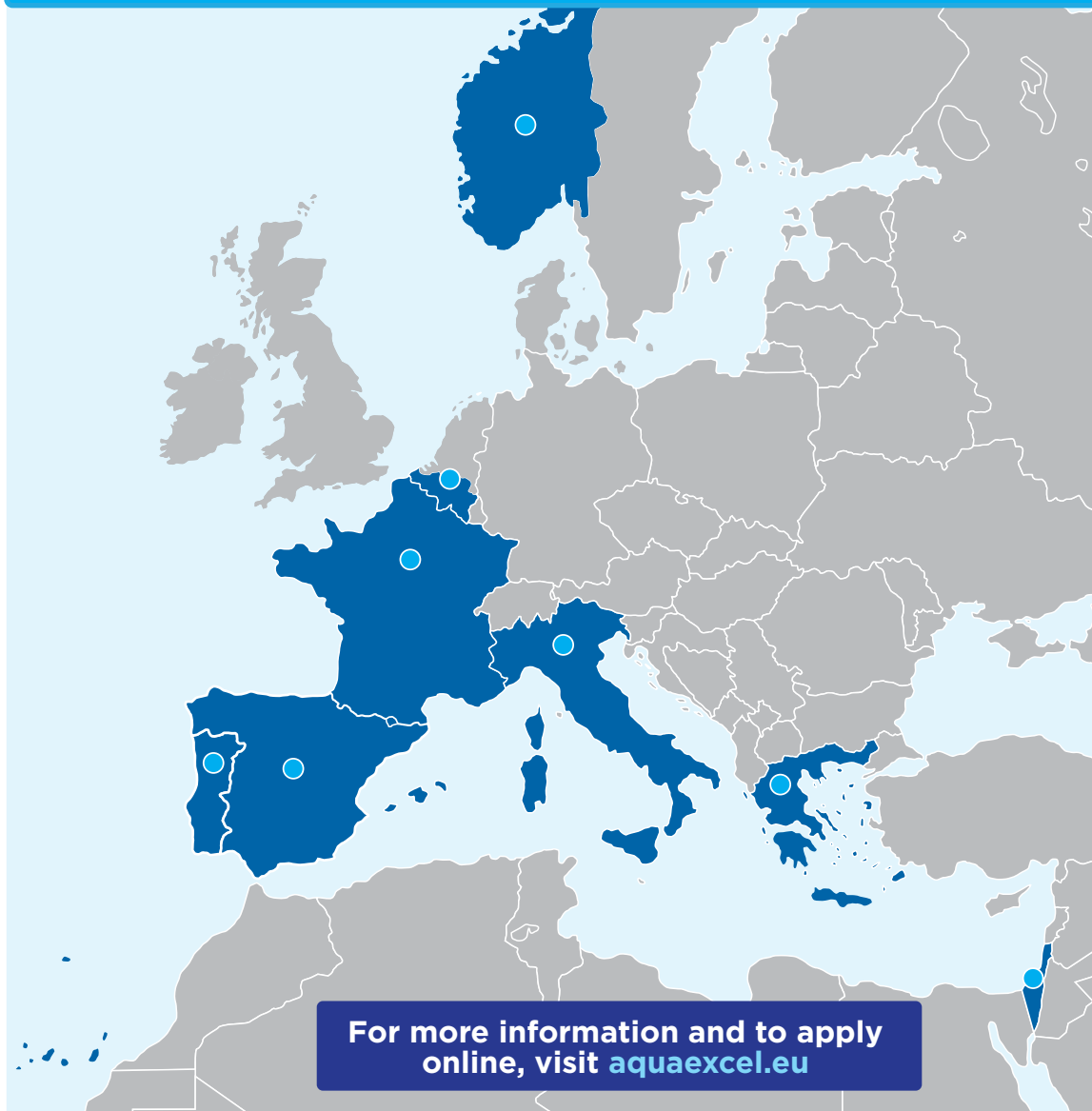
- ▶ Coimbra Collection of Algae (ACOI)
- ▶ Interdisciplinary Centre of Marine and Environmental Research (CIIMAR)

GREECE

- ▶ Institute of Marine Biology, Biotechnology and Aquaculture, Hellenic Centre for Marine Research (HCMR-IMBBC)

40 EMBRC marine stations and institutes from 8 countries will provide additional services to complement AQUAEXCEL3.0's existing aquaculture services.

**Please contact the facility you would like to access to discuss availability and your research application.
More information: aquaexcel.eu/interactive-map**



For more information and to apply online, visit aquaexcel.eu