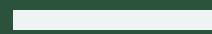




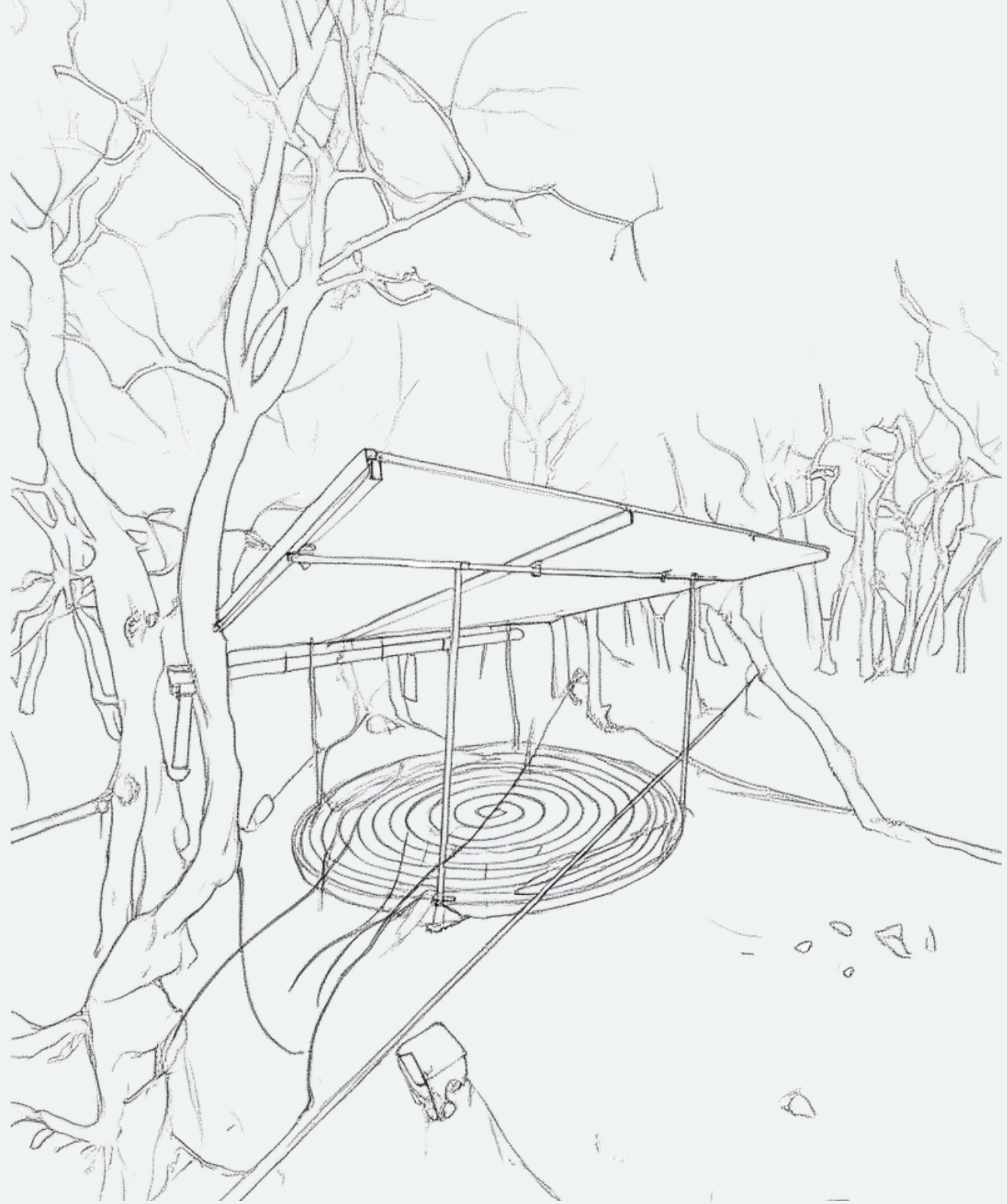
Analysis and Experimentation on
Ecosystems

ADVANCING ECOSYSTEM SCIENCE IN A CHANGING WORLD



A BRIEF PRESENTATION





Presentation Flow

A JOURNEY THROUGH

1. What is AnaEE-ERIC
2. What we offer
3. How to get service access
4. Interested to join?

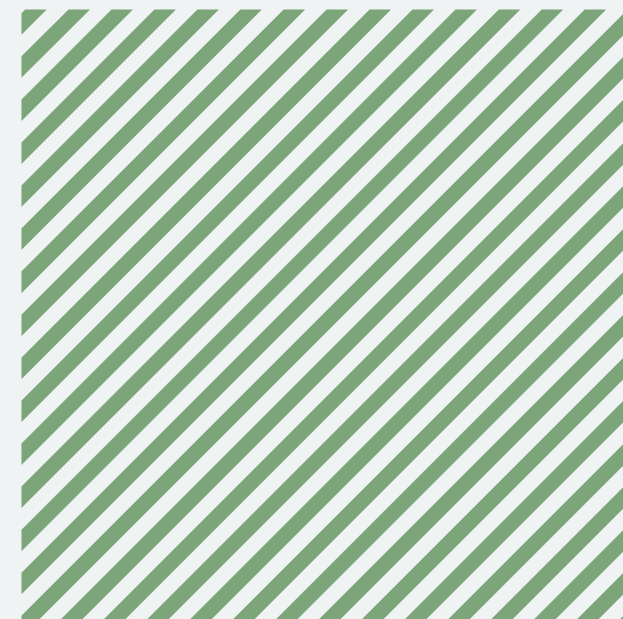
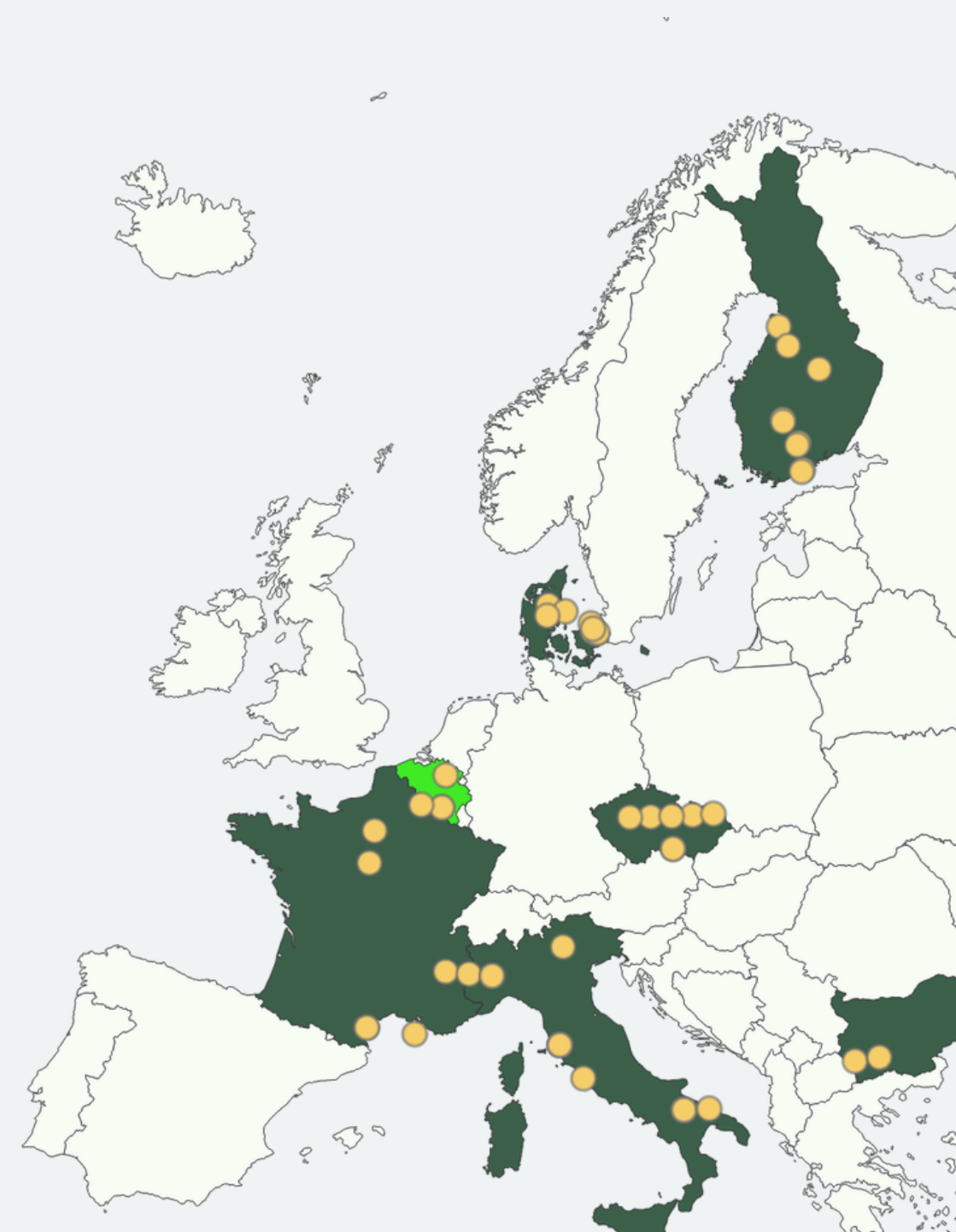


About AnaEE-ERIC

WHAT WE ARE

AnaEE-ERIC is a **Landmark European Research Infrastructure network** (you can think of it as an umbrella organisation) connecting **cutting-edge facilities dedicated to global change ecology**.

It is the study of how ecosystems work and respond to environmental change. We bring together **experimental sites, analytical tools, and modelling capabilities** to tackle **pressing environmental challenges**.



Who we are



MICHEL BOËR
Central Hub,
Paris

Central Hub (CH): Manages the strategy, coordination, communication, administration, and web portal that provides access to all AnaEE resources across the distributed infrastructure.



ADRIANO PALMA
Data and Modelling
Centre, Rome

Data and Modelling Centre (DMC): Processes data and metadata, provides data access to users and the community, manages models and the model factory, and organizes workshops and training.



BILJANA ĐORĐEVIĆ
Interface and Synthesis
Centre, Brno

Interface and Synthesis Centre (ISC): Integrates research results, produces synthesis papers and expert opinions, addresses societal needs and policy demands, and handles training and outreach activities.



RACHEL BURNS
Technology Centre,
Copenhagen

Technology Centre (TC): Monitors emerging technologies, coordinates instrumentation and methods across facilities, manages technology spin-offs, and provides training for users and operators.



Vision mission and goals

SCIENCE FOR A RESILIENT FUTURE



VISION

To become the international reference organisation for Global Change Ecology and sustainable ecosystem services.



MISSION

Understand how human drivers like climate change affect ecosystem functions. We simulate future conditions to address Europe's ecological sustainability challenges.



GOAL

Operate a pan-European network of experimental ecology facilities open to the scientific community, industry, land managers, and farming communities.



2.

What we offer

3 Manipulation Modelling Mitigation

FROM MICROBES TO SOCIETY

AnaEE-ERIC has a unique service offer covering ecosystem sciences from the soil and plant microbiomes to ecosystems and biodiversity to land use impacts on ecosystems and climate resilience.

We offer a wide variety of services depending on if you are a **policy maker, member, partner RI** or **private sector**.



Our facilities

At the core are our **three types of facilities** that can impose multiple global change drivers to better understand their roles and identify their interactions.

1.

EXPERIMENTAL FACILITIES

Our facilities combine open-air and enclosed systems — including aquatic facilities — to enable cutting-edge ecological research. Open-air setups allow long-term, realistic experiments by manipulating multiple global change drivers in diverse ecosystems, while enclosed facilities provide precise environmental control and advanced measurements. Together, they deliver critical insights into ecosystem function, resilience, and adaptive responses to environmental change, supporting both gradual process studies and in-depth, data-driven experiments.



2.

MODELLING FACILITIES

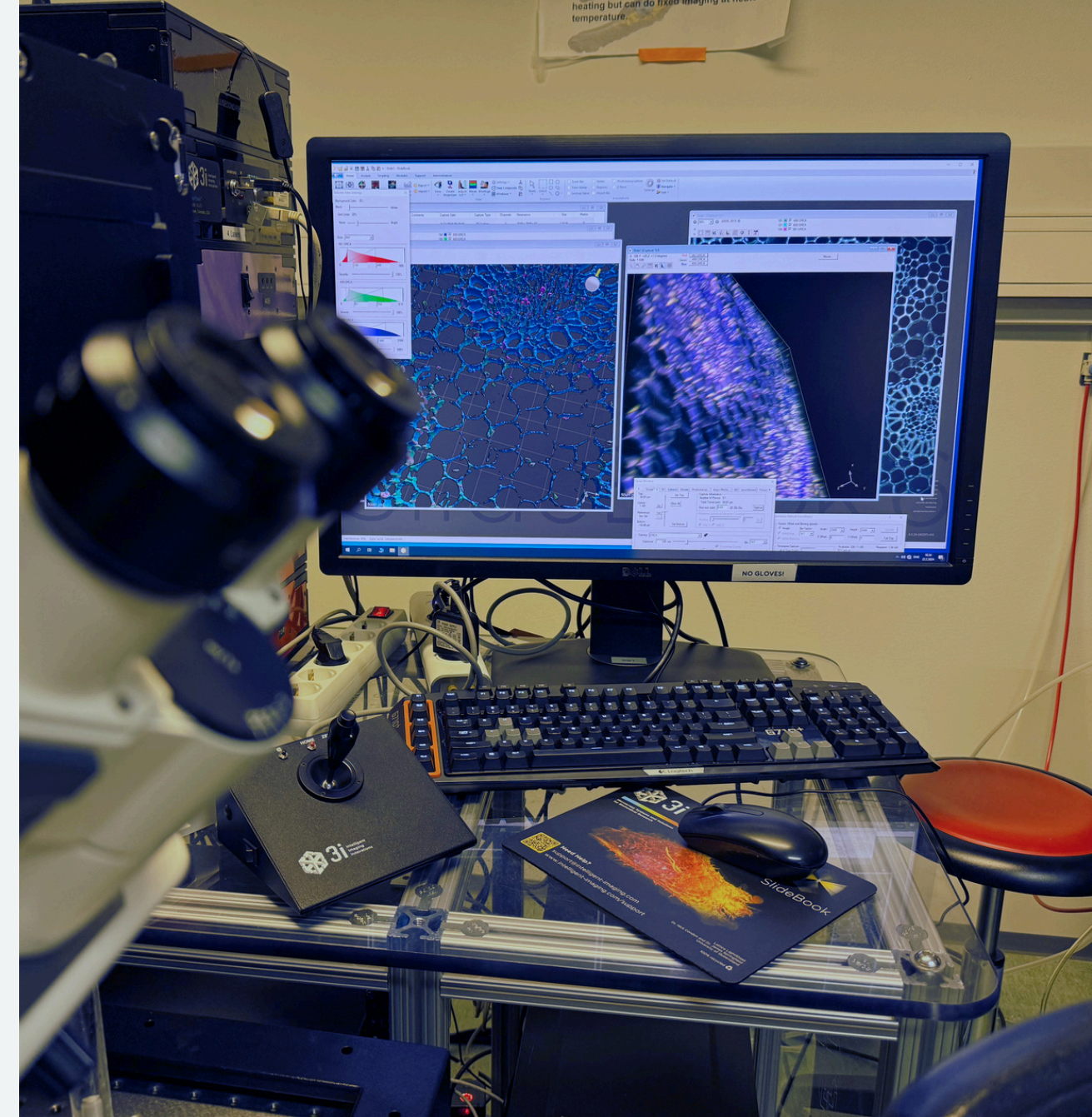
Our advanced modeling facilities with state-of-the-art tools simulate and analyse complex environmental systems, supporting research on climate change and shifting dynamics in agriculture, forestry, and ecosystems. These tools enable efficient forecasting, data validation, and informed decision-making, helping researchers improve analyses, design better experiments, and predict ecosystem responses to global change.



3.

ANALYTICAL FACILITIES

Our analytical facilities provide advanced, high-standard services that complement experimental research by offering unique capabilities and cutting-edge methodologies. These include mobile and remote sensing analyses, advanced omics laboratories, and food safety testing, enabling comprehensive and innovative ecosystem research.



Benefits for AndEE Members

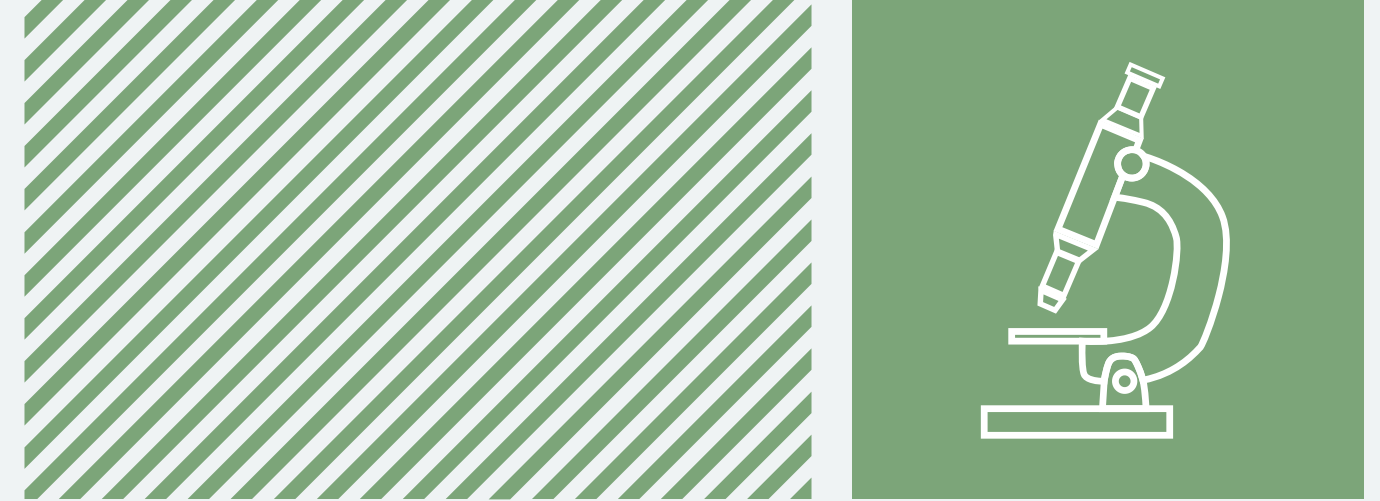
- 1. Joint European project applications:** access to established consortia, Horizon Europe calls, and coordinated proposal development for greater funding leverage.
- 2. Standardization & quality:** shared procedures, harmonised quality checks, and hands-on support for platform development.
- 3. Scientific & project coordination:** strategic roadmapping, multi-platform experiment management, and end-to-end project support.
- 4. Industry engagement & procurement:** coordinated engagement with industry partners and shared procurement for greater efficiency and reach.
- 5. Training & visibility:** staff training, workshops and events, and strategic communication to amplify your research impact across Europe.



Benefits for the Scientific Community

AnaEE-ERIC is open to researchers and scientists **from the public and private sector.**

- **One-stop access:** a full catalogue of research platforms, infrastructures, and clear guidance on applications and costs.
- **Open data & advanced tools:** access to AnaEE-ERIC's research facilities, datasets, metadata, and integrated analytical/modelling services.
- **Training & support:** for researchers and advanced students to maximize the use of AnaEE's resources.
- **Test new technology:** Tests of new products, technologies and management methods for agriculture



Benefits for Policymakers & Society



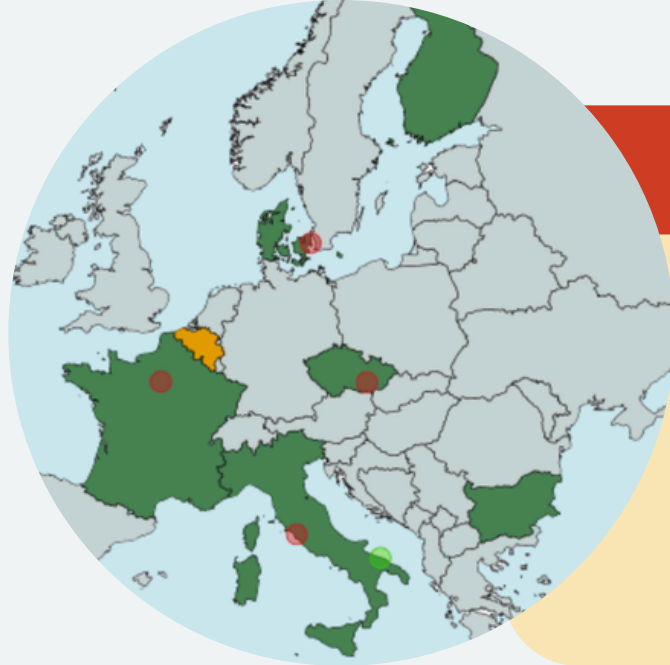
- **Expert guidance & impact assessment:** providing public advice, evidence, and tools to evaluate real-world impacts.
- **Education & outreach:** training for school children, the public, and coordinating networks for broader engagement.
- **EU-wide citizen awareness:** driving outreach activities to inform and involve communities across Europe.



The background features a grid of four rectangular panels. The top-left and bottom-left panels are filled with a diagonal hatching pattern of green lines on a white background. The top-right and bottom-right panels are filled with a solid, medium-green color.

3.

How to get access



National Nodes

- Coordinate national facilities
- Implement AnaEE standards
- Support users and access
- Build national capacity
- Engage with national stakeholders

ANAEE'S SERVICES TO ITS USER COMMUNITY

ANALYTICAL & MODELLING FACILITIES

Central Hub



- Single-entry access
- Coordination and management
- Strategy and visibility

EXPERIMENTAL FACILITIES

SERVICE CENTRES

Technology Centre



- Experiment standards
- Standardised instruments
- Technological innovation

Data & Modelling Centre



- Data and metadata
- Modelling and upscaling
- FARI data standards

Interface & Synthesis Centre



- Science-policy integration
- Cross-disciplinary synthesis
- Stakeholder engagement



DIRECT CALLS AND PROJECTS

Get quick access to our facilities with Direct Access, or dive into a longer-term collaboration through Project Access. Either way, AnaEE-ERIC makes it easy to use our labs, platforms, and expertise for your research.



Direct Access – fast and flexible

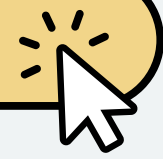
Quick, pay-per-use access to labs, platforms, and services. Ideal for short-term experiments or pilot studies.



Project Access – Collaborative & Funded

Long-term access for research groups, with support for proposals, scheduling, and sometimes funded participation through Horizon Europe. Includes technical guidance, lab analyses, and optional mentorship.

[ACCESS PAGE](#)



AQUASERV



Research services
for **sustainable aquaculture,**
fisheries and **blue economy**



MICROBES 4 CLIMATE



IRISCC



4.

***Interested in
joining?***



[CONTACT US](#)



BECOMING A MEMBER

Becoming a member of AnaEE-ERIC elevates your scientific capabilities and embeds your facilities in a collaborative, forward-thinking European network. Drive innovation, support sustainable practices, and ensure your research has lasting impact on science and society.

**DORRA GHARBI - ANAEE OPERATIONS AND
CENTRAL ACCESS MANAGER**



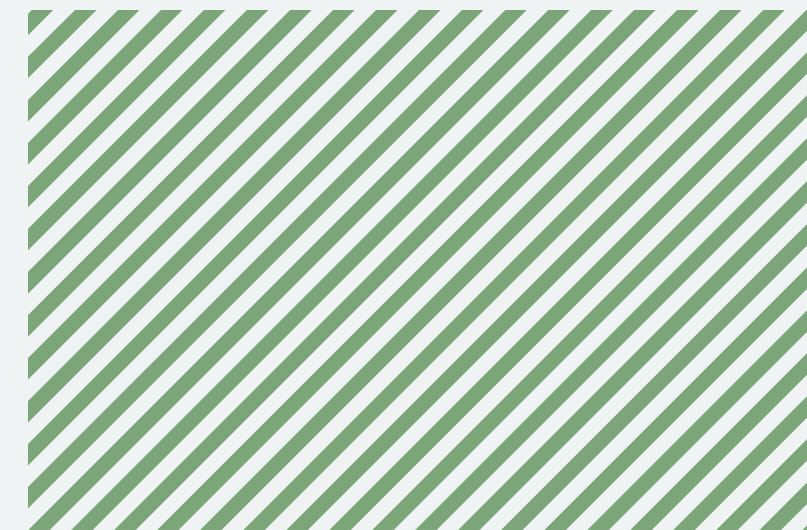
5 key requirements

- **National Foundation:** Establish a national node and consider forming a consortium agreement if multiple institutions are involved
- **Facility Integration:** Contribute state-of-the-art facilities within AnaEE scope – we provide support to meet required standard
- **Government Backing:** Secure backing from relevant ministry (education, research, agriculture, or ecology) and submit application
- **Representation Setup:** Appoint two government reps for Assembly of Members and national node rep for Extended Management Board
- **Membership Agreement:** Pay membership fee and ensure facilities provide international access under Service Level Agreement





If you are considering becoming an AnaEE-ERIC member - do not hesitate to contact us - we support you throughout the process



Thank you!

WE HOPE TO TALK TO YOU SOON!