



NEWSLETTER N°7, June 2022

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Foreword by Sanna Sorvari Sundet elected Chairperson of the AnaEE Assembly of Members



Sanna Sorvari Sundet has been elected as Chair of the AnaEE-ERIC Assembly of Members. She is a Vice President of Research Infrastructure Services at the Natural Resources Institute Finland (Luke). She leads a Unit with 300 people providing research infrastructure services in the field of food production, forestry, sustainable use of natural resources including fisheries and game research. At the European level, she is currently a member of ESFRI Environmental Strategic Working Group. She led the preparatory work and implementation of ACTRIS has been key actor in the establishment of ICOS ERIC. Have a look at her full [biography](#).

"My motivation to this position arises from the fact that experimental ecosystem research contributes strongly to the solving many important societal challenges that humankind is facing today, namely to the challenges related to the food security, climate change, pollution, and biodiversity. These challenges are huge as separate challenges, but these challenges are also intertwined and to tackle one challenge, for example food security, all the aspects of sustainability (environmental, economic, and societal sustainability) together with climate change, biodiversity loss / ecosystem resilience must be considered simultaneously. Moreover, green transition including agroecological transition, needs evidence-based strategies and support for decision making taking into account plant, soil, water, atmosphere interactions, biodiversity and ecosystem health."

"The multidisciplinary experimental ecosystem research and the research facilities and competence AnaEE ERIC with its European partners offers, will make AnaEE one of the key contributor and player in the European arenas. I see big potential in AnaEE research infrastructure and its service provision. The current member countries and research performing organisations in AnaEE forms a solid base for further consolidation of AnaEE services and activities. However, there opportunities to enlarge the participation in AnaEE by increasing the involvement of EU Member States and Associate Members with their research performing organisations and experimental platforms to AnaEE. This requires clear articulation and demonstration of the benefits of AnaEE and how AnaEE is contributing to the European RI landscape. With the establishment of AnaEE ERIC, AnaEE is now truly moving to the implementation phase and can start its services provision and contribute to the ERA."

Connections and networks that I acquired with my previous experience in setting up ICOS ERIC and ACTRIS ERIC, operating research infrastructure services, coordinating EC-funded RI projects, will be in full use for AnaEE ERIC. I value forward looking, target oriented and pragmatic approach to further strengthen AnaEE in its implementation and service provision. As a chairperson I will promote constructive dialogues, inclusiveness and professional management of organizational tasks and matters."

Sanna Sorvari Sundet

AnaEE joins the ERIC family !



Jean-Éric Paquet, DG Research and Innovation of the European Commission, and Michel Boér, DG of AnaEE-ERIC, present the AnaEE-ERIC official plate. ©ESFRI

After ten years of development, AnaEE is officially created as a European Research Infrastructure Consortium (ERIC). AnaEE entered in the ESFRI Roadmap in 2010, as an RI contributing to both Health & Food and Environment science sectors, and it is now acknowledged as a *landmark*. The European Commission signed the implementing decision number 2022/289 on February 22, 2022 setting up the Analysis and Experimentation on Ecosystems ERIC (AnaEE-ERIC).

AnaEE-ERIC is founded by eight members: 6 Members countries (France, Denmark, Italy, Czech Republic, Finland, Bulgaria), 1 Observer (Belgium), and 1 member International Organisation (CIHEAM). AnaEE-ERIC is both a multi-site and a distributed infrastructure, which includes four centres:

- The Central Hub, which refers to the headquarters, is located in France. The Central Hub is the unique point of entry to the AnaEE Research Infrastructure and it is responsible for the overall management and communication of AnaEE.
- The Technology Centre, based in Denmark, is responsible for the standardisation of procedures and methodologies across the platforms, ensures instrumentation quality, technological developments and organises training.
- The Data and Modelling Centre, based in Italy, is responsible for the processing of the data and metadata, the provision of data to the users, as well as the access to the models and model factory.
- The Interface and Synthesis Centre in the Czech Republic is responsible for the external outreach, synthesis of AnaEE scientific results, and for coordinating scientific roadmaps in the field of ecosystems and advising policy makers.

AnaEE-ERIC features a distributed network of about 60 experimental platforms, either open-air or enclosed, that encompasses all climate zones and ecosystem types in Europe.

1st AnaEE-ERIC Assembly of Members and Launch Ceremony, 20-21 June 2022

The first Assembly of Members was held in Gif-sur-Yvette on 20 and 21 June, 2022. The meeting gathered representatives from the AnaEE-ERIC members: France, Denmark, Italy, Czech Republic, CIHEAM, Finland, Bulgaria and Belgium. The agenda contains major items such as the election of the Chairperson and Vice-Chairperson, the appointment of the Director General, the adoption of the Rules of Operation and Service Level Agreements, the adoption of the annual Work Programme and annual budget as well as nomination of the Independent and Scientific Committee.

The AnaEE-ERIC Assembly of Members unanimously welcomed Sanna Sorvari Sundet as the Chairperson of the Assembly of Members and Jean-Marie Flaud as the Vice-Chairperson of the Assembly of Members. Michel Boér is renewed as Director General of AnaEE-ERIC for a 5-year term.

The Assembly of Members also nominated six members of the Independent and Scientific Committee:

- [Ioannis Athanasiadis](#), Professor of Artificial Intelligence and Data Science at Wageningen University and Research, in the Netherlands
- [Alessandra de Marco](#), research at ENEA (Italy) and coordinator of the IUFRO (International Union of Forest Research Organizations)
- [Stefan Bertilsson](#), professor in Functional Ecology of Freshwaters and former Director of SITES in Sweden
- [Violeta Bozhanova](#), Vice-President of the Agricultural Academy in Bulgaria
- [Michael Bahn](#), Professor at University of Innsbruck in Austria
- [Claudio Stöckle](#), professor at Washington State University in United States



An inauguration ceremony was held on June 20th to celebrate the official establishment of the ERIC. We were honoured to have among our guests Mrs. Apostolia Karamall, Chief of unit R&I Actors and Research Careers at the European Commission, Mrs. Anne Puech, Deputy Head of the Environment, Agronomy, Ecology, Earth System and Universe Sciences Department at the French Ministry of Higher Education and Research, Mr. Stéphane Blanc, INEE Director at CNRS, and Mr. Benoit Forêt, Regional Head of the CNRS Campus in Gif-sur-Yvette, who conveyed positive and enthusiastic messages about AnaEE.

AnaEE-ERIC team thanks all the participants and representatives of the Assembly of Members for their presence and this successful 1st meeting.

AnaEE Management Team strengthens links with Portuguese Partners



On May 18-20, the AnaEE Management Team went to Vila Real, in Portugal to explore possible collaboration and partnership with Portuguese institutions. This two-day visit, organised by University of Trás-os-Montes and Alto Douro (UTAD), was the opportunity to meet with the main research actors on ecosystem and biodiversity. The discussion involved the following institutions:

- from UTAD: the CITAB (Centre for research and technology of Agro-environmental and biological sciences), and the CETRAD (Centre for transdisciplinary development studies)
- from University of Evora: the MED (Mediterranean Institute for agriculture environment and development)
- from University of Porto: CIBIO (Research Centre in Biodiversity and Genetic Resources)
- and with the National funding agency for science and technology (Fundação para Ciéncia e a Technologia FCT).

Soil, agroecosystem and forestry ecosystem research are important topics in Portugal. Portugal is facing critical challenges due to climate and global changes, more exposed to increased temperatures, and to longer periods of droughts. The main threats on ecosystems are water availability, soil fertility and erosion, and land management.

The community around ecosystems science is very dynamic in Portugal, and many projects are conducted in collaboration with industries. As an example, some experiments are conducted by the research institutes on irrigation models and effects of irrigation on ecosystems, but also on the effects of climate change on biodiversity.

As the wine value chain is very important in Portugal, the AnaEE team was also invited to meet with a wine farmer from the Douro Valley, who shared his experience and expertise about the specificities of his vineyard's ecosystem. AnaEE warmly thanks the UTAD management, especially Eduardo Rosa, and Ligia Pinto, for organising and hosting this meeting.

Summary: 1st AnaEE Technology Foresight Workshop, 10-11 May 2022, France



©AnaEE-ERIC (Technology Centre)

The first AnaEE foresight workshop was held on 10-11 May at the Montpellier ecotron with 27 representatives from 16 AnaEE platforms to discuss future collaboration between Ecotrons and open-air experimental platforms. The workshop was highly successful. It was perceived as a very positive opportunity to meet across platforms and platform types and develop ideas for collaborations. It became clear, there is a need and wish for similar workshops to be organized by AnaEE service centres in the future.

Main outcomes, ideas and plans for the near future were:

- A workshop for ecotrons and open-air platforms who already collaborated on experiments, to write their reflections and advice for future collaborations in a short opinion paper.
- Developing a simple, short-term 'phytometer' experiment to be run across multiple AnaEE ecotrons as a calibration experiment to test for inter-ecotron
- A platform meeting with a focus on brainstorming opportunities for collaborations.
- A training event on greenhouse gas measurements to potentially be organized in collaboration between AnaEE TC and DMC to integrate measurements with data modeling.
- Great interest in several of the upcoming Horizon Europe calls.
- Looking into possibilities for a Horizon Europe COST action or Marie Curie Doctoral Networks providing opportunity for collaboration across AnaEE platforms.

AnaEE-ERIC would like to thank our hosts, Alexandru Milcu and Samuel Abiven, as well as AnaEE France for their kind hospitality and co-financing the event.

Focus Platform: FO₃X (Free-air O₃ eXposure)



FO₃X (Free-air O₃ eXposure) is located near Sesto Fiorentino in Italy. The facility is under operation since 2015 and is a multidisciplinary study to assess the effects of increasing tropospheric ozone and other stress factors on vegetation under ambient conditions. FO₃X is an ecosystem-level manipulative research facility, that ensures long-term operability, fully replicated treatment plots connected with state-of-the-art ecophysiology and genomics labs, and is available for undertaking new collaborative projects.

FO₃X consists of nine 5x5x2m blocks in which the concentrations of tropospheric ozone and the availability of water in the soil can be controlled. The design is a split-plot experiment, that provides the ability to assess the effects of ozone and other stressors, alone and in combination, on many plant attributes, including growth, root characteristics, gas exchanges, biogenic volatile organic compounds, nutrients as well as antioxidants.

At present, plants are potted, but can be planted in the ground if needed. Each block consists of a network of vertical vent pipes, which disperses ozone or normal air across the entire block, to simulate three ozone treatments:

AnaEE-ERIC is hiring !

Finance and Administrative Manager

She/He will be responsible for all related to AnaEE-ERIC in close interaction with the Director General, and will report to her/him. As AnaEE-ERIC has been recently created, the Finance and Administrative Manager is expected to have a dynamic and leading contribution to the building of the organization. The position is based in the headquarters located in Gif-sur-Yvette, near Paris (France).

The full description of the position is available [here](#).

To apply, send a CV, letter of motivation, and supporting information and documents to: contact@anaee.eu

Deadline of application: 23 July 2022

Anticipated start of work: September 2022

Don't forget to visit our web site at <https://www.anaee.eu/about/working-anaee> for new openings

FORTHCOMING ANNOUNCEMENTS OF OPPORTUNITY

MSCA Doctoral networks 2022: DL 15/11/2022

MSCA post-doctoral fellowships: DL 14/09/2022

Several calls for the soil mission are open, with DL 27/09/2022

Please, if you are aware of any announcement of opportunity, share with us. If you plan to participate to one of these calls and use the AnaEE RI, please, tell us in advance, and follow the AnaEE access rules.

EVENTS CALENDAR

ENVRI Community International Summer School 2022: 10-15 July, 2022 in Lecce, Italy. [More information here](#).

Summer school AnaEE France, Lautaret Garden, 26-30 September 2022. [More information here](#).

International conference on research infrastructures (ICRI 2022): October 19, 2022 - October 21, 2022, Brno (CZ). [More information here](#).

EOSC Symposium 2022: 14-17 November, 2022 in Prague. [More information here](#).

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