



ESFRI

AnaEE :

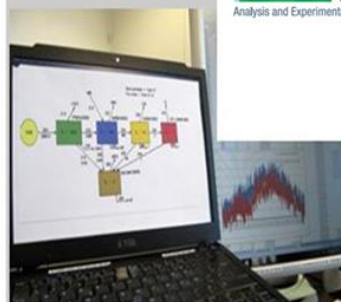
Access Management for platforms

Presented by Jaana Bäck
for the AnaEE Team

In Natura Platforms



Analytical Platforms



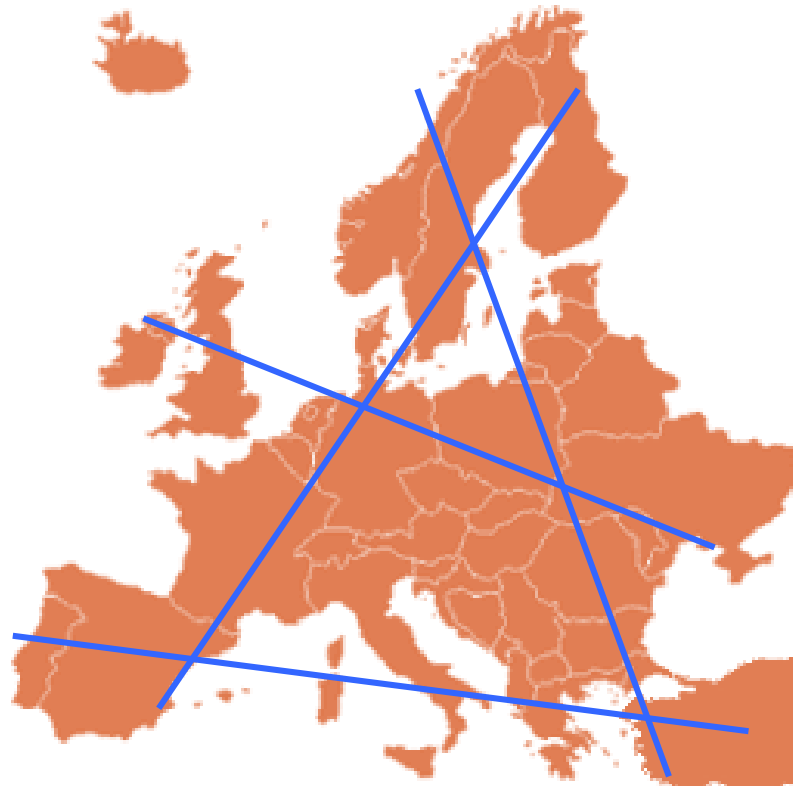
Modeling Platforms

In Vitro Platforms

AnaEE matrix

Ecosystems:

1. Forests
2. Agrosystems
3. Grasslands
4. Shrublands
5. Wetlands
6. Rivers and Lakes



Pressures:

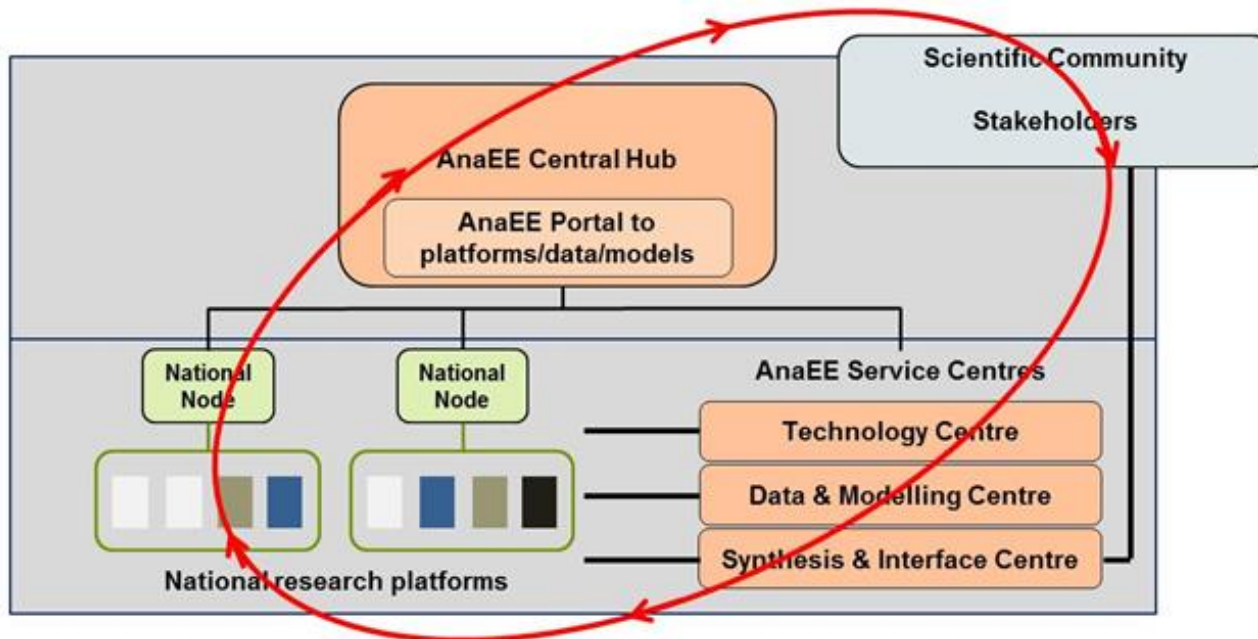
- Climate change
- Land use / Management
- Pollution
- Biodiversity

AnaEE structure

AnaEE = a circulation of

- | | |
|---------------|-------------|
| → Information | → Data |
| → Techniques | → Models |
| → Tools | → Knowledge |
| → Projects | → People |

through the supra-national Central Hub & Service Centres

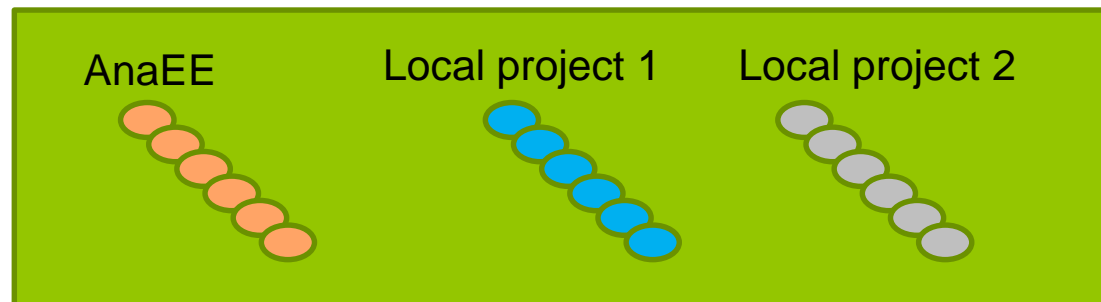


AnaEE portal - planned

- description of all the platforms (experimental, analytical and modelling) and national nodes;
- information on access conditions and fees;
- information on running projects;
- Submission of projects online
- access to the data, prospective studies, synthesis studies, metadata etc
 - for AnaEE platform managers and personnel: procedures description, recommended instruments and sensors, technical forum, training sessions and materials
 - for stakeholders: published results from AnaEE platforms, AnaEE triggered syntheses, job offers, educational material

AnaEE – a distributed RI

- AnaEE will be a distributed RI comprising experimental (open air or enclosed), analytical and modelling platforms in different locations
- Anaee will provide access to:
 - **Experiments, analyses and model factorie/platforms,**
 - **baseline data** (core state variables)
 - **project data** (specific for the experiment)
- Every platform will have scientific interests beyond those of being participants in AnaEE
- Every platform will have pre-existing relationships with other national and probably International collaborations



AnaEE Platforms

- Not all data generated by a platform will be “part of” AnaEE
- Each platform will need capacity for local data management and quality control
 - Local data managers will need to understand data flows
- Site owners, local institutions (and national funding agencies) will want an important say concerning policies on:
 - Access Management, Intellectual property, Data sharing
 - platform owners will need to accept that they will not get priority access to their own platforms
- More engagement from national actors and further debate is needed

Forms of access to AnaEE platforms

- **Physical access** will allow a user to visit the platform and set-up an experiment or collect samples themselves (with help).
- **Remote access** allows the user to request experiments or experimental services to be conducted on their behalf
- **Virtual access** permits access to data or models or supporting information

Platform Type, Hub and Centres	Primary Access Mechanism	Other Possible Access Mechanisms
Open air - in natura	Physical, Remote	Virtual
Enclosed - in vitro	Physical, Remote	Virtual
modelling	Virtual	Remote
analytical	Remote	Virtual
Central Hub	Virtual	Physical
Service Centres	Virtual, Remote	Physical

Capacity management

- The overall aim of platform capacity management will be to maximize platform use at a local level while providing the **AnaEE Central Hub** with the capability to plan and deliver access to users
- to exploit the full potential of AnaEE as a distributed research infrastructure.
- usage metrics from all platforms will be reviewed by the AnaEE Management Board and Assembly of Members

Some (most?) AnaEE platforms may not commit all of their resources to AnaEE

- Restricted access (space, time or other restrictions)
- AnaEE platform sites will agree with the Central Hub the permissible access mechanisms (i.e. physical, virtual, remote) and a level of usage that can be committed to AnaEE projects
- AnaEE capacity options agreed in terms of a measurable access units (e.g. user-days or access days, or number of samples analysed)
 - negotiated by the platform in consultation with the host institution and national focal point at the time of joining AnaEE, subject to periodical review
 - Notice periods, after which the capacity can be used for local projects

Capacity exceeded?

- Criteria for selection:
 - Scientific excellence
 - Suitability of experiment for the proposed use of platform(s)
 - Availability of capacity at requested platforms
 - Strategic fit with aims and objectives of AnaEE as an RI
 - Availability of required funding
 - Commitment to share data and other results through AnaEE framework and following AnaEE policies on Data Access and Intellectual Property
 - Recommended:
 - mobilization of several platforms
 - international consortium
 - International funding schemes

AnaEE user categories

- **Academic Research Users**
 - Priority to projects utilizing multiple platforms, although single platform access also possible
- **Commercial Users**
 - **Single Platform Project: Company approach to AnaEE platform site to run experiment**
 - Hub issues a collaboration agreement with pricing, IPR etc
 - **Multi-platform Project: Company approach to AnaEE Hub or site(s)**
 - Hub leads the process of developing the project
- **Government or Policy Development Users**
 - Likely the end products from Interface & Synthesis Center

KPIs?

- The HUB should issue annual targets for individual platforms
- Report from Expert Group on “Indicators for the evaluation of the pan-European relevance” will be used as the general reference; e.g.
 - User access (services, samples, data, expertise etc.)
 - User partnerships (joint procurements, recruitments, proposals)
 - User satisfaction
 - Excellence, products (publications, theses, patents, training...)
 - Impact on national RI policy (Eols by diverse communities, attractiveness at international level of staff...)
- In addition, RI –specific indicators:
 - Long term indicators capture the impact of AnaEE actions on the environment