

# AnaEE

## Infrastructure for Analysis and Experimentation on Ecosystems

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SEVENTH FRAMEWORK PROGRAMME  
CAPACITIES  
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COMBINATION OF CP & CSA

### DELIVERABLE D2.1

Deliverable title: AnaEE vision

#### Abstract:

The services AnaEE will deliver to its various users have been defined. We elaborate on the added value that the distributed infrastructure AnaEE would bring compared to the current spread of platforms; we suggest tools to deliver services efficiently and with the highest added value. The survey results (Annex II and III) helped the elaboration of the AnaEE Strategic Vision. Beside setting the societal context of AnaEE, the experimental approach to be followed, the services to be provided, and the complementarity with other infrastructures, a scheme of AnaEE has been defined. A data base of >1000 AnaEE potential stakeholder has been installed and their characteristics and expectations will be analyzed through questionnaires. A first analysis related to the scientific users (117 responses received as of October 2013 ) of AnaEE has been performed. A detailed analysis of these responses is provided. The adjustment other workpackages workplan was provided through the participation of all workpackages to the workshops and writings of WP2, and in particular at the Venice meeting in October 2013.

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#### Dissemination level:

<b>PU</b> Public (must be available on the website)	<input type="checkbox"/>
<b>PP</b> Restricted to other programme participants (including the Commission Services)	<input checked="" type="checkbox"/>
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Revision N°	Date	Changes between different versions	Distribution (who have reviewed)
V1	2013/12/16		Francesco Fracaro
2	2014/01/13		Francesco della Porta

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## USERS AND SERVICES ANALYSIS

This part includes 4 Sections and references to two annexes (Annex II and Annex III). Annex II consists of the questions and answers obtained through a survey on research users conducted in the period August-October 2013. Annex III consists of tables showing result of analyses obtained by crossing pairs of questions from Annex II. The 4 sections are comments and elaborations on data shown in the Annexes II and III.

At the end of 2012, the AnaEE Steering Committee decided that by the first Stakeholders meeting (October 1<sup>st</sup>, 2013) the following should be provided:

- a) a profile of the research users (hereinafter “science users”)
- b) which services should AnaEE supply to scientists
- c) which services (according to scientists) should AnaEE supply to other users (Industry, Government, Education, Society).

Completion of those tasks involved a number of practical actions. The flow might be better explained by referring to this schedule of events:

COMPLETED ACTIONS
1) Research and review of the most relevant documents ( DOW, ESFRI Guidelines JRC standards report,
2) Interviews with AnaEE scientists to identify important issues and users’ concerns
3) Design an on-line survey in order to collect statistics on users’ concerns (online platform : SURVEY MONKEY)
4) Co-development of the WP2 online users’ survey with WP4 data management survey (in fact, data users are a large subset of AnaEE users)
5) Collection of survey data from 117 Ecosystem scientists (potential AnaEE users) , also by attending national and international AnaEE conferences
6) Feedback from AnaEE team members to polish the survey results, including follow-up calls
7) Collection and cleaning of survey data on ACCESS database; Presentation with TABLEAU visualization
8) Profile of the AnaEE research user
9) Delivery of the TABLEAU presentation at the Venice Stakeholders’ meeting with discussion of results
10) Venice: Definition of services to be provided to scientists and non-scientists
11) Venice: Participation in designing the VISION of AnaEE (with WP2, WP3, WP4, WP5, WP6, WP7)

12) Collection of >1,000 contacts of other stakeholder in an organized , shareable SUGAR CRM database (sources: AnaEE partners, ESFRI contact list, National AnaEE conferences)
<b>FUTURE ONE-TIME ACTIONS</b>
1) Installation of the SUGAR CRM database on the Server of FEM partner in cooperation with AnaEE communication Work Package 8.
2) FEM and INRA share ownership and maintenance of the SUGAR CRM database
3) Collection of further contacts across categories of users
4) Structuring of surveys targeted to the non-science stakeholders
5) Circulation of survey to the non-science stakeholders (Policy Makers, Industry, Education, Society at Large)
6) Analysis of results
7) Integration of all categories in a general users database
8) Definition of shared activity by WP2, WP5 and WP8 on stakeholders expectations and communication
<b>FUTURE REPEATED ACTIONS</b>
9) Periodic survey campaigns to update information concerning users
10) Regular management of Structure, Content, and Tools to administer periodic surveys
11) Periodic reports based on survey updates
12) surveys on demand (as a service AnaEE will provide to its stakeholders)

In order to supply users with services, AnaEE approaches key stakeholders at multiple levels within and outside of the AnaEE organization. Services provided are intrinsically complex and bear long term consequences. Furthermore, ecosystems, technologies, and stakeholders are dynamic entities.

In order to capture that dynamic complexity, the analysis of AnaEE stakeholders and services was designed as an open, flexible, on-going process, linked to the AnaEE internal and external communication functions (that is to say WP1, WP2, and WP8).

Section 1 of this report describes the wide range of players that will surround AnaEE, hopefully highlighting the need to provide common language, shared values, and interactive syntax.

Section 2 addresses a subset of such complexity, namely AnaEE's science users. Within this framework, the profile of science users is described, drawing from the results of online surveys, documents' analysis, focus groups and interviews.

Section 3 describes the preferences of science users for the services as outlined in the vision document circulated in the Summer 2013. Specifically, a cross analysis is undertaken to identify how different preferences change across different group of users. Such groups are classified and cross-linked according to their stated priorities about Ecosystems specialization and Grand Challenges.

Section 4 draws conclusions and outlines the next steps needed to cover the other areas of general complexity and particularly AnaEE's non science, i.e. other stakeholders. Tools and methodologies that will handle such other areas are described.

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