FETOPEN 2 – 2014: Coordination and Support Activities 2014

FET Impact

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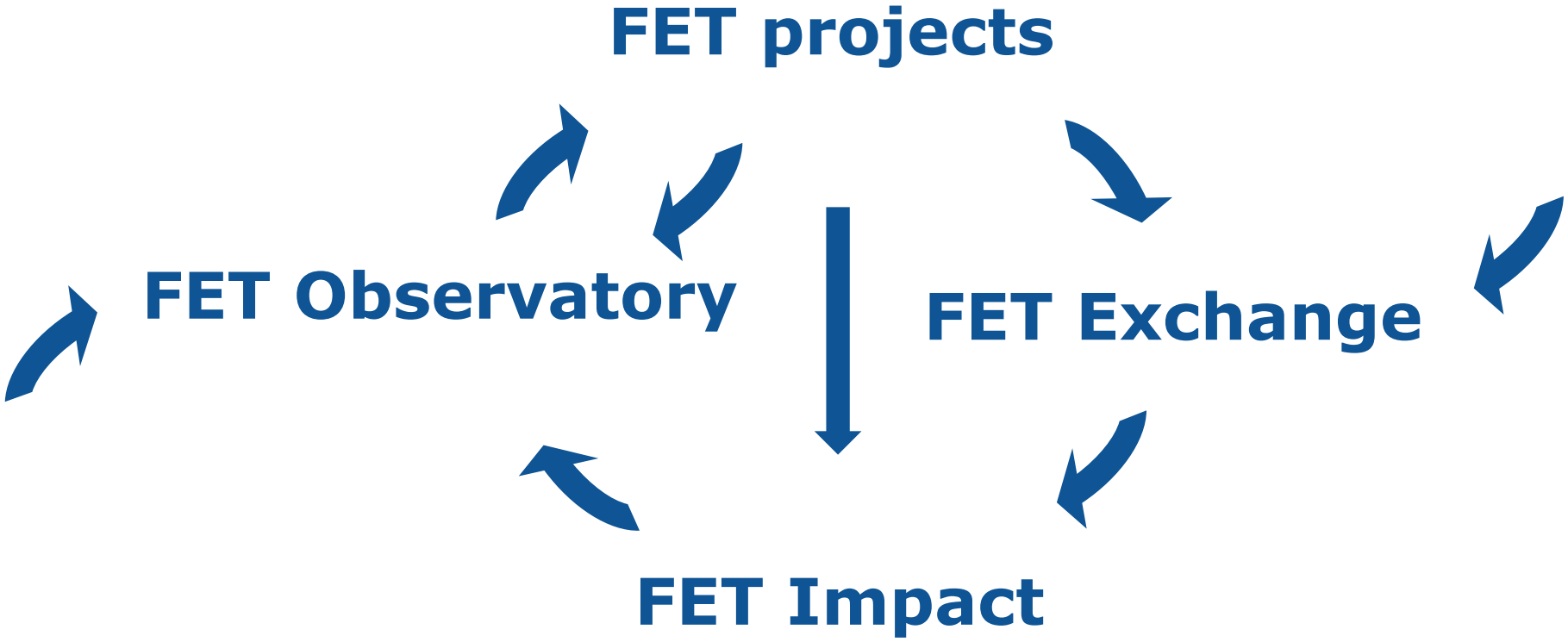
FET Mission

- *To promote and support the emergence of radically new technology areas that will renew the basis for future European competitiveness and growth and will make a difference for society in the decades to come.*
- *To initiate and shape the development of European research and innovation eco-systems around such future and emerging technologies, as seeds of future industrial leadership and potential solutions for societal challenges.*
- *To turn Europe into the best environment for responsible and dynamic multi-disciplinary collaborations on such future and emerging technologies, including facilitating the wider training of researchers in new areas.*

The FET engine



European Commission

Impact criterion for evaluating proposals in WP14-15

- Importance of the new technological outcome with regards to its transformational impact on technology and/or society.
- Quality of measures for achieving impact on science, technology and/or society.
- Impact from empowerment of new and high potential actors towards future technological leadership.

Expected impact from FET CSA according to WP14-15

- European thought-leadership on new and emerging technologies with a strong engagement of scientists, citizens, innovators and policy makers.
- Improved long-term innovation potential in Europe both from the abundance of novel ideas and the range of actors ready to take them forward.
- Improved readiness across Europe to engage in silo-breaking research collaboration and to take up new research and innovation practices.
- Improved understanding of impact mechanisms for long-term science and technology research.

Scope of FET Impact topic according to WP14-15:

- Assessing the direct and indirect impacts of the FET programme on the science and technology landscape and its perception by individuals and society. Proposals must indicate a framework of key performance indicators, a systematic assessment methodology, and perform the required data collection and analysis, in line with the overall mission of FET.
- 1 project: grant of about 0,3 to 0,5 M€

European Commission

The project selected for funding should develop:

- a framework of key performance indicators, and
- a systematic assessment methodology,

and then it should

- perform the required data collection and analysis

in order to

- assess the direct and indirect impacts of the FET programme on the science and technology landscape and its perception by individuals and society.

in line with the overall mission of FET.

Where to look for FET Impact? (indicative)

1) Assessing the various types of impact of the FET initiatives, including

- *Scientific impact on existing scientific disciplines*
- *Clustering and emergence of new scientific disciplines*
- *Impact on technological development and on society*

2) Analysing the added value of FET funding in terms of

- *Scientific and technological breakthroughs*
- *Changes in the research landscape and environment*
- *Structuring and restructuring of scientific communities*
- *Changes in national or international research programmes*
- *Empowerment of new actors towards future technological leadership*

Some (maybe useful) sources of information

- FET project portfolio and FET community
  - ~ 250 projects running at anytime
  - 2 very large 10 years Flagship initiative (Human Brain Project and Graphene)
  - 1 PPP for the HPC initiative
- Research and innovation communities
- Other funding agencies with profile adjacent to FET (worldwide)
- Privately funded research initiatives

Potential activities (indicative)

- *Portfolio analysis*
- *Community analysis*
- *On-line consultation*
- *Participatory workshops*
- *Foresight and scenario development*
- *Sessions in well-chosen events and conferences*
- *Tracking of identified signals and growth*
- *Alternative developments, unexpected solutions*

Design a coherent approach that can be extended throughout H2020 or further (and thus beyond your project).