



31 JANUARY 2019 | 13.30 - 17.30

KOWI | RUE DU TRÔNE 98, 1050 BRUXELLES

HIGH LEVEL ROUND TABLE

While legislative negotiations on **Horizon Europe** are under way in the European Parliament and the EU Council, the proposal presented by the European Commission entrusts the **Strategic Planning process** for the definition and implementation of the most **significant novelties of the next Framework Programme** (i.e. intervention areas, R&I Missions, new EU R&I Partnerships, EIC).

The form that Horizon 2020's existing instruments to support collaborative breakthrough S&T&D will take in **Horizon Europe** will be defined during the next months, even though the Commission's proposal seems to be oriented towards a **systemic deep-science, deep-tech**, and deep-mind by putting in place self-contained innovation ecosystems. For the scientific community involved in this process, it is of utmost importance to understand which form the new S&T&D instruments will take, especially due to the shifting of **future and emerging technologies schemes (I.E.; FET Open, FET Proactive)** into the EIC Pathfinder and Accelerator in synergy with other ecosystems such as **FET Flagships, EIT-KICs, JTIs and Missions**. Such ecosystems will be called to bring **deep-science, deep-tech, and deep-mind into a systemic perspective**.

In this respect, the quest to support collaborative **breakthrough science and technology-driven instruments** is widely acknowledged by the majority of R&I stakeholders. It is no secret that the **FET Programme** has been recognised as an excellent instrument in strengthening **S&T cooperation between the Union and private and/or public sector partners**, delivering benefits for society in a jointly coordinated effort. Similarly, there is a large consensus within the research community on the need to support an instrument that funds low TRL with a systemic, cooperative and bottom-up approach.

Could the prospected tools and ecosystems under Horizon Europe (EIC, Pathfinder and Accelerator, EIT) move strategically forward the positioning of emerging technologies into a systemic perspective? How will innovation ecosystems contribute to such process? By bringing together in a **high-level round table** the most relevant representatives of the European S&T community and decision makers, we aim to **explore possible options on how to systematically streamline collaborative breakthrough deep-science, deep-mind, deep-tech into a systemic innovation ecosystem cutting across the next Framework Programme for R&I (Horizon Europe)**.

towards
**Horizon
Europe**

Towards Horizon Europe

Deep-Science, Deep-Tech, Deep-Mind

The role of Emerging Technologies and Innovation Ecosystems in Horizon Europe"

31 JANUARY 2019 | 13.30 – 17.30

KOWI | RUE DU TRÔNE 98, 1050 BRUXELLES

13.30 NETWORKING LUNCH FROM 13.30

14.30 KICK OFF

WELCOME

Luca Moretti, *Head of CNR in Brussel*

DEEP-SCIENCE, DEEP-MIND, DEEP-TECH IN HORIZON EUROPE

Introductory remarks

Thomas Skordas, *Director 'Digital Excellence and Science Infrastructure', DG Connect, European Commission*

BRINGING TOGETHER S&T&I ECOSYSTEMS

Key Note Speech

Tommaso Calarco, *Director, Institute for Quantum Control of the Peter Grünberg Institute at Forschungszentrum Jülich*

OPEN DEBATE – TALKING POINTS

a. What is the role of collaborative breakthrough research under Horizon Europe? How the shift of FET Open scheme from the first pillar to the new EIC Pathfinder will change the nature of such support (e.g. mono-beneficiary possibility, key target groups)?

b. What will be the role of deep-tech and how/if the Pathfinder will support deep-science, deep-mind, taking into consideration the experience of current FET schemes?

c. What should be the prospected TRL path of current FET Open projects?

d. How do you see the operational future of new FET flagships in the frame of mission oriented approach? Do you envisage a possible coexistence / complementarity between the new FET Flagships and the Missions in Horizon Europe?

e. What will be the role of existing initiatives within the Open Innovation Pillar alongside the new instruments under Horizon Europe in order to support the innovation process raised from emerging technologies?

Moderator:

Gianluigi Di Bello, *Horizon 2020 National Contact Point FET and Head of APRE in Brussels*

CONCLUSIONS

Kurt Vandenberghe, *Director 'Policy Development and Coordination', DG Research & Innovation, European Commission*
