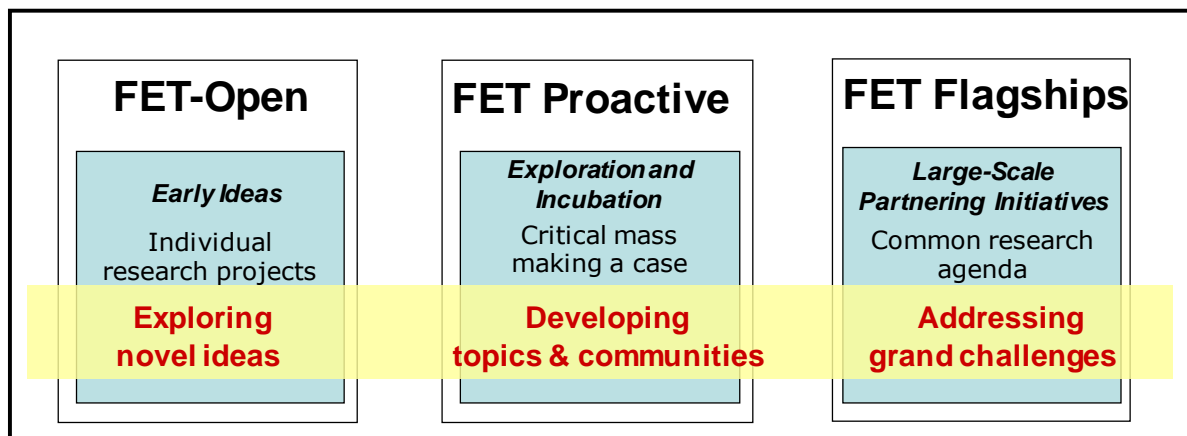


FET – Future and Emerging Technologies

FET funds interdisciplinary collaborations that seek synergies between the broadest range of advanced sciences and cutting-edge engineering disciplines in order to turn new knowledge and high-risk ideas into a viable basis for new technologies. FET research is positioned between blue-sky science and research driven by societal challenges or by industrial competitiveness.



Conditions and funding instruments (type of Actions)

For the **Research and Innovation Actions (RIA)** a consortium needs to include a minimum of three independent participants from three different EU Members States or Associated Countries. For the **Coordination and Support Actions (CSA)** a minimum condition is at least one legal entity from an EU Member State or Associated Country. The participation of third countries and international organisations is welcome and possible subject to conditions laid out in the Work Programme.

Online Sources of Information:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home>

<https://ec.europa.eu/programmes/horizon2020/en/what-work-programme>

<https://ec.europa.eu/programmes/horizon2020/en/h2020-section/future-and-emerging-technologies>

<https://ec.europa.eu/programmes/horizon2020/en/h2020-section/european-innovation-council-eic-pilot>

<https://access2eic.eu/event/infoday-webinar-eic-pilot-how-to-succeed-in-the-eic-pathfinder-and-accelerator-2020-calls/>

See list of upcoming FET calls on the next page.

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Calls under the [FET work programme 2020](#):

FETOPEN-01-2018-2019-2020 (RIA): FET-Open Challenging Current Thinking NEW DL

Radical vision + Breakthrough technological target + Ambitious interdisciplinary research

Funding available: 3 MEUR per project proposal. Call deadline: ~~13.5.2020~~ **3.6.2020**

FETOPEN-03-2018-2019-2020 (CSA/CSA-LS): FET Innovation Launchpad

Turning results from FET-funded projects into genuine societal or economic innovations.

Funding available: 0.1 MEUR per project proposal. Call deadline: **14.10.2020**

FETPROACT-09-2020 (RIA): FET Proactive: Neuromorphic Computing Technologies NEW DL

The potential of neuromorphic computing has been only partially explored so far. The challenge is to exploit a range of biological principles from the hardware level up and from the cognitive level down.

Funding available: 15 MEUR, EUR 4-5 MEUR per project proposal. Call opening 11/2019

Call deadline: **17.06.2020**

FETHPC-04-2020 (CSA): International Cooperation on HPC – NEW DL

To develop a strategic partnership in HPC with Latin America enabling closer research cooperation.

Funding available: 0.5 MEUR. Call deadline: **17.06.2020**

Calls under the [EIC Enhanced Pilot work programme 2020](#) – UPDATED

FETPROACT-EIC-07-2020 (RIA): FET Proactive: Emerging Paradigms and Communities

To explore and consolidate a new technological direction to put it firmly on the map – themes:

- a. Artificial Intelligence for extended social interaction.
- b. Breakthrough zero-emissions energy storage and conversion technologies for carbon-neutrality
- c. Digital twins for the life-sciences.
- d. Measuring the unmeasurable – Sub-nanoscale science for Nanometrology

Funding available: 56 MEUR, 4-4.5 MEUR per project proposal. Call open **26.3.2020**

Call deadline: **02.07.2020**

FETPROACT-EIC-08-2020 (RIA): FET Proactive: Environmental Intelligence (New DL) – UPDATED

New synergies between the distant communities of environmental modelling, advanced sensor research, social sciences, and artificial intelligence, including predictive modelling and testing – themes:

- a. New techniques for modelling and predicting socio/environmental evolution across different temporal and spatial scales.
- b. Radically novel approaches to resilient, reliable and environmentally responsible in-situ monitoring.

Funding available: 18 MEUR, EUR 4 MEUR per project proposal. Call open **26.3.2020**

Call deadline: **02.07.2020**

Calls on Future Battery technologies under the Work Programme [Cross-cutting activities](#):

“A large-scale research initiative on Future Battery Technologies”

LC-BAT-08-2020 to LC-BAT-11-2020, 90 MEUR – Open 3.12.2019, DL 21.4.2020

- **LCBAT-8-2020** (RIA): Next-generation batteries for stationary energy storage
- **LCBAT-9-2020** (RIA): Hybridisation of battery systems for stationary energy storage
- **LCBAT-10-2020** (RIA): Next generation and realisation of battery packs for BEV and PHEV
- **LCBAT-11-2020** (RIA): Reducing the cost of large batteries for waterborne transport