EIT HEI Initiative

European Institute of Innovation & Technology

Funded by the European Union

EIT HEI Initiative: Innovation Capacity Building for Higher Education

INFORMATION SESSION FOR THE CALL FOR PROPOSALS 2024

29 October 2024

Information Sessions

- 2 October 2024: Overview of the Call for Proposals 2024

- 7 October 2024: Introduction to HEInnovate

- 8 October 2024: MEL Framework and the Impact Domains and Actions

- 9 October 2024: Application Expectations and the IVAP

- 15 October 2024: KPI Expectations

- 17 October 2024: Role and opportunities for previous EIT HEI Initiative participants

- *29 October 2024: Applying to Strand B: I+E for the enhancement of deep tech*

- 5 November 2024: Open Q&A session

01

Overview of Strand B

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- Two-strand approach:

    - Strand A: Innovation and entrepreneurship capacity building at HEIs.

    - **Strand B: Innovation and entrepreneurship capacity building at HEIs for the enhancement of Deep Tech.**

- Both strands will follow the **same structure, budget, and basic requirements.**

- Strand B proposals must detail how their action plans will **enhance deep tech innovation and entrepreneurship within their consortia** and **align with the EIT Deep Tech Talent Initiative.**

- Strand B project partners will be **asked to sign the EIT Pledge for Deep Tech Talent** to contribute further to the fostering of deep tech talent in other ways within their institutions.

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02

Basic details of Strand B

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- This strand responds to the **identified importance of deep tech talent development for the future of innovation in Europe**, as per the New European Innovation Agenda.

- Smaller strand – it will **fund up to 12 projects**

- Proposals will:

  - have a **thematic focus on deep tech innovation and entrepreneurship enhancement**

  - demonstrate emphasis on capacity building via the **fostering of deep tech talent** and **development of deep tech skills at HEIs**

- Applications to this strand must **demonstrate how they align with the EIT Deep Tech Talent Initiative.**

03

What is Deep Tech?

- Deep technology or deep tech is a classification of an institution, an organisation or a start-up company, with the expressed objective of **providing advanced and emerging technology solutions to deep societal challenges.**

- Deep technologies present **scientific or engineering challenges** requiring **lengthy research and development**, and **large capital investment** before successful commercialization.

- Their **primary risk is technical risk**, while market risk is often significantly lower due to the **clear potential value of solution to society.**

- The underlying scientific or engineering problems being solved by deep tech companies generate **valuable intellectual property and are hard to reproduce**.

- Moreover, the solutions provided by deep technology and applications are critical for **solving the complex global challenges that humanity faces**, including climate change, sustainable energy or health.

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Relevant Deep Tech fields

Deep tech fields, as considered by the EIT:

- Advanced Computing / Quantum Computing

- Advanced Manufacturing

- Advanced Materials

- Aerospace, Automotive and Remote Sensing

- Artificial Intelligence and Machine Learning, including Big Data

- Biotechnology and Life Sciences

- Communications and Networks, including 5G

- Cybersecurity and Data Protection

- Electronics and Photonics

- Internet of Things, W3C, Semantic Web

- Robotics

- Semiconductors (microchips)

- Sustainable Energy and Clean Technologies

- Virtual Reality, Augmented Reality, Metaverse

- Web 3.0, including Blockchain, Distributed Ledgers, NFTs

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05

**Deep Tech strand –
Funded Actions and KPIs**

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- Deep tech-focused activities should be **designed and established by the consortia in their IVAP**, through their selected **funded Actions** and the **delivery of their KPIs**.

- The call requires the delivery and completion of **training or skills development programmes** – # of students trained KPI - through two possible avenues:

  - deep tech **hard skills training** to students of other fields

  - **I+E skills training** to students of deep tech fields

- In addition, proposals should incorporate deep-tech related capacity building activities such as (but not limited to):

  - the integration of **deep tech fields of study in course curricula**

  - the **support and creation of deep tech start-ups and spin-offs**

  - the facilitation of **deep tech-related innovations going to market**

- The **core KPI** requirement should be delivered within **a field of deep tech.**

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Thank you!

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