

TAMPERE.  
FINLAND

# Business Tampere EU –TKI rahoitus 23-24

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BUSINESS  
TAMPERE

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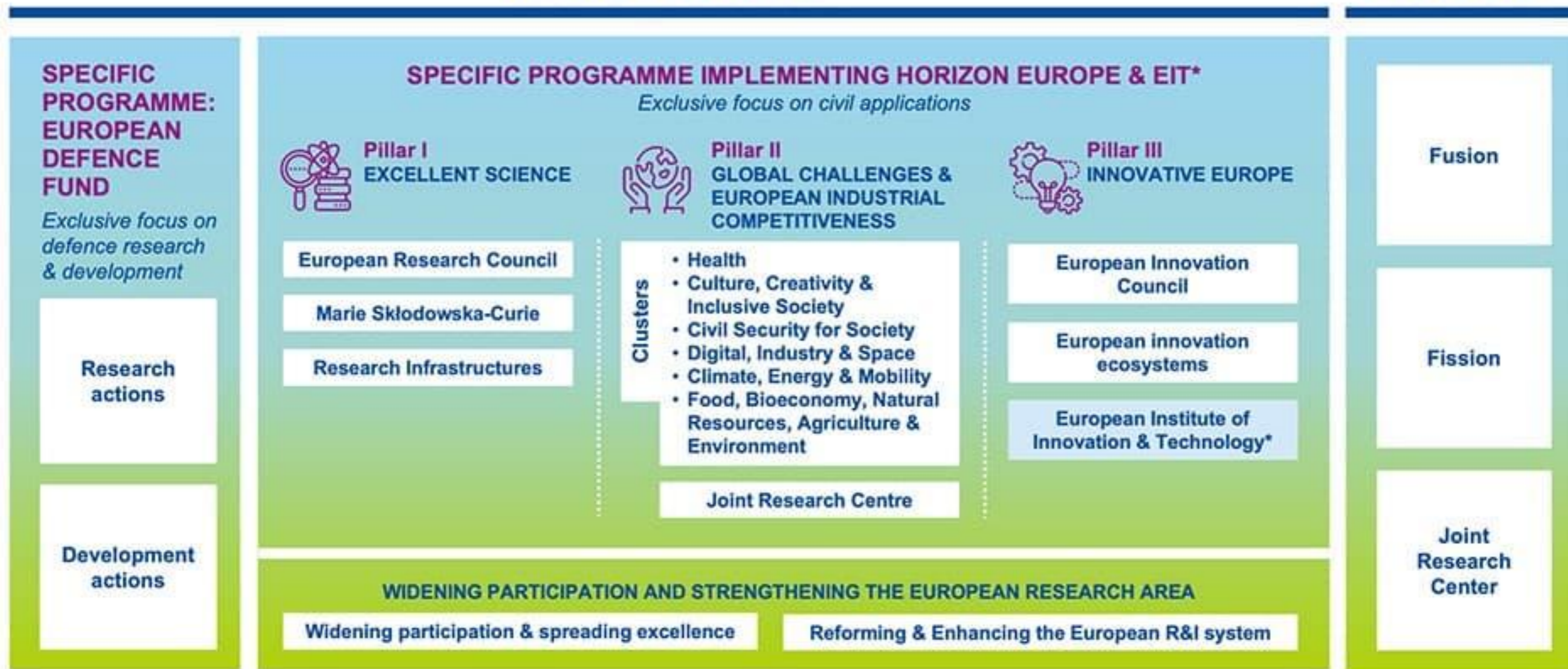
# EU:n TKI –rahoitus työohjelmakaudella 2023-2024

- Horizon Europe –puiteohjelman pilari 2 klusterikohtaiset työohjelmat laaditaan kahden vuoden jaksoissa
- Vuosien 2021-2022 työohjelmakausi päättymässä ja viimeiset rahoitushaut sulkeutumassa
- Seuraavan kauden työohjelmat parhaillaan viimeisteltävänä Euroopan komissiossa
- Vuosien 2023-2024 työohjelmien julkistaminen odotettavissa joulukuussa 2022
  
- Lähitulevaisuudessa: EU:n strategisten prioriteettien määrittely loppukaudeksi 2025-2027 -> keskeinen vaikutus loppukauden työohjelmien sisältöön

# Horizon Europe (HEU)

## HORIZON EUROPE

## EURATOM



\* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme



# Horizon Europe – Pilari II klusterit

Opportunities for Innovative SMEs in Horizon Europe

## Horizon Europe - Pillar 2

Cluster 1 - Health	Cluster 2 - Culture, Creativity and Inclusive Society	Cluster 3 - Civil security for Society	Cluster 4 - Digital, Industry and Space	Cluster 5 - Climate, Energy and Mobility	Cluster 6 - Food, Bioeconomy, Natural Resources, Agriculture and Environment
<ol style="list-style-type: none"><li>1. Staying healthy</li><li>2. Living &amp; working in a health-promoting environment</li><li>3. Tackling diseases &amp; reducing disease burden</li><li>4. Innovative, sustainable and high-quality health care</li><li>5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society</li><li>6. Maintaining an innovative, sustainable &amp; globally competitive health industry</li></ol>	<ol style="list-style-type: none"><li>1. Democracy and Governance</li><li>2. European Cultural Heritage and the Cultural and Creative Industries</li><li>3. Social and Economic transformations</li></ol>	<ol style="list-style-type: none"><li>1. Better protect the EU and its citizens against Crime and Terrorism</li><li>2. Effective management of EU external borders</li><li>3. Protected infrastructure</li><li>4. Increased Cybersecurity</li><li>5. A Disaster-Resilient Society for Europe</li><li>6. SSRI (Strengthened Security Research and Innovation)</li></ol>	<ol style="list-style-type: none"><li>1. Climate neutral, circular and digitised production</li><li>2. increased autonomy in key strategic value chains for resilient industry</li><li>3. world leading data and computing technologies</li><li>4. digital and emerging technologies for competitiveness and fit for the green deal</li><li>5. open strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data</li><li>6. a human-centred and ethical development of digital and industrial technologies</li></ol>	<ol style="list-style-type: none"><li>1. Climate sciences and responses</li><li>2. Cross-sectoral solutions for the climate transition</li><li>3. Sustainable, secure and competitive energy supply -2021-2024</li><li>4. Efficient, sustainable and inclusive energy use</li><li>5. Clean and competitive solutions for all transport mode</li><li>6. Safe, Resilient Transport and Smart Mobility services for passengers and goods</li></ol>	<ol style="list-style-type: none"><li>1. Biodiversity and Ecosystem Services</li><li>2. Fair, healthy and environmentally-friendly food systems from primary production to consumption</li><li>3. Circular economy and bioeconomy sectors</li><li>4. Clean environment and zero pollution</li><li>5. Land, oceans and water for climate action</li><li>6. Resilient, inclusive, healthy and green rural, coastal and urban communities</li><li>7. Innovative governance, environmental observations and digital solutions in support of the Green Deal</li></ol>

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# Klusteri 1: Terveys

- Budjetti:
  - 2023 €1019M
  - 2024 €521M
- The work programme 2023-2024 of cluster 1 'Health' is directed towards two Key Strategic Orientations (KSOs) for research and innovation set by Horizon Europe's strategic plan 2021-2024, notably to creating a more resilient, inclusive and democratic European society (KSO-D) and promoting an open strategic autonomy by leading the development of key digital, enabling and emerging technologies, sectors and value chains (KSO-A). It aims to complete the targets set out in the Strategic Plan 2021-2024, mainly along the four impact areas: Good health and high-quality accessible health care; A resilient EU prepared for emerging threats; High quality digital services for all; and A competitive and secure data-economy.

# Klusteri 2: kulttuuri, luovuus ja osallisuutta edistävä yhteiskunta

- Budjetti:
  - 2023: €292M
  - 2024: €260M
- Cluster 2, 'Culture, Creativity and Inclusive Society' aims to meet EU goals and priorities on enhancing democratic governance and citizens participation, on the safeguarding and promotion of cultural heritage, and to respond to and shape multifaceted social, economic, technological and cultural transformations. Cluster 2 mobilises multidisciplinary expertise of European social sciences and humanities for understanding fundamental contemporary transformations of society, economy, politics and culture. It aims to provide evidence-based policy options for a socially just and inclusive European green and digital transition and recovery.

# Klusteri 3: kansalaisturvallisuus yhteiskunnassa

- Budjetti:
  - 2023: €171M
  - 2024: €161M
- This Cluster 3 Work Programme will support the implementation of EU policy priorities on security, including cybersecurity, and disaster risk reduction and resilience. In addition, it will build on lessons learnt from the COVID-19 pandemic to strengthen prevention, mitigation, preparedness and capacity building for crises (including health crises) and to improve cross-sectoral aspects of such crises. In this respect, this Work Programme will therefore also ensure synergies and coordination of actions with other parts of Pillar 2.



# Klusteri 4: digitaalisuus, teollisuus ja avaruus

- Budjetti:
  - 2023: €1693M
  - 2024: €1118M
- Global leadership in clean and climate-neutral industrial value chains, circular economy and climate-neutral digital systems and infrastructures (networks, data centres)
- Industrial leadership and increased autonomy in key strategic value chains with security of supply in raw materials
- Sovereignty in digital technologies and in future emerging enabling technologies by strengthening European capacities in key parts of digital and future supply chains
- Globally attractive, secure and dynamic data-agile economy by developing and enabling the uptake of the next-generation computing and data technologies and infrastructures (including space infrastructure and data)
- Open strategic autonomy in conceiving, developing, deploying and using global space-based Infrastructures, services, applications and data
- A human-centred and ethical development of digital and industrial technologies



# Klusteri 5: ilmasto, energia ja liikkuvuus

- Budjetti:
  - 2023: €1656M
  - 2024: €1113M
- The overarching driver for this cluster is to accelerate the twin green and digital transitions and associated transformation of our economy, industry and society with a view to achieving climate neutrality in Europe by 2050. This encompasses the transition to greenhouse gas neutrality of the energy and mobility sectors by 2050 at the latest (as well as that of other sectors not covered by this cluster), while boosting their competitiveness, resilience, and utility for citizens and society. Europe has been at the forefront of climate science and is committed to keep delivering the knowledge for enabling efficient pathways and just transitions to climate neutrality.

# Klusteri 6: elintarvikkeet, biotalous, luonnonvarat, maatalous ja ympäristö

- Budjetti:
  - 2023: €1056M
  - 2024: €904M
- The Horizon Europe mandate for Cluster 6 is to provide opportunities to enhance and balance environmental, social and economic goals and to set human economic activities on a path towards sustainability. The underlying paradigm of Cluster 6 is therefore the need for a transformative change of the EU economy and society in order to reduce environmental degradation, halt and reverse the decline of biodiversity and better manage natural resources while meeting the EU's climate objectives and ensuring food and water security. It takes into account the evolving geopolitical context and the new research and innovation priorities focused on further on enhancing the EU's open strategic autonomy in particular in the energy and food sectors.



# Kumppanuudet: European Partnerships (JUs)

- Circular Bio-based Europe
- Clean Aviation
- Clean Hydrogen
- Europe's Rail
- Global Health EDCTP3
- Innovative Health Initiative
- Key Digital Technologies -> Chips JU
- Single European Sky ATM Research
- Smart Networks and Services
- High Performance Computing (EuroHPC)
- European Partnership on Metrology
- Kukin JU järjestää omat hakukierrokset omien työohjelmiensa mukaisesti
- Puolet rahoituksesta EU:lta, loput muilta (teollisuus)toimijoilta
- Merkittävät budjetit: tyypillisesti miljardiluokassa per JU

# Uudet työohjelmat julkaistaan jo lähitulevaisuudessa!

- Hankeidean kiteyttäminen ja kumppaneiden etsiminen tulee aloittaa välittömästi
- Käänny puoleemme EU –rahoitusneuvontapalveluiden osalta:
  - Mitä rahoitetaan?
  - Kuinka haetaan?
  - Keidenkä kanssa?
  - Aikataulut?