

**TAMPERE.**  
FINLAND



**YRITYKSEN  
KASVUN  
SPARRAUS**

**-TAPAHTUMASARJA**

**EU-rahoituksen  
ajankohtaiskatsaus  
9.5.2023**

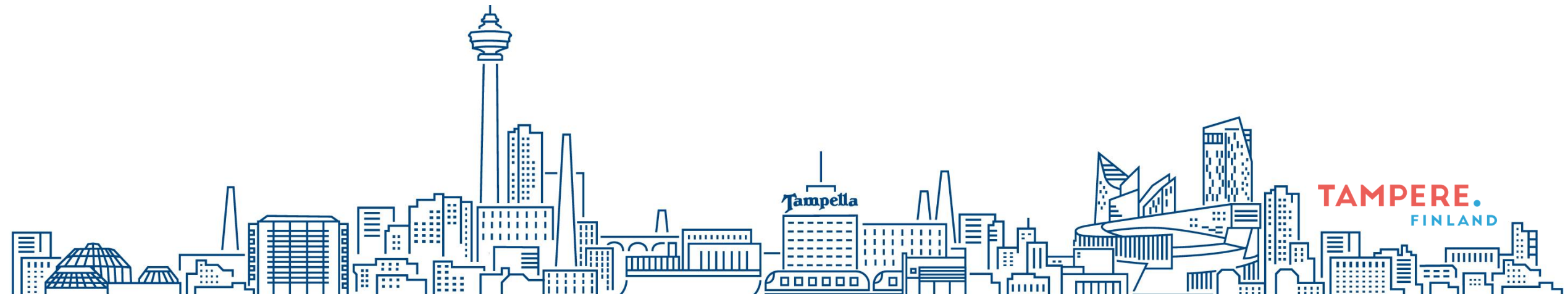
## EU-rahoituksen ajankohtaiskatsaus

### Tervetuloa mukaan webinaariin!

- Voit esittää kysymyksiä webinaarin aikana chat-kenttä kautta, kirjoita kysymyksen ohien kenelle se on tarkoitettu. Osallistu myös chat-kenttään tuleviin äänestyksiin!
- Aikataulun puitteissa kysymyksiä esitetään puheenvuorojen jälkeen.

### OHJELMA

- **10.00-10.15** Avaussanat ja Business Tampereen EU -rahoitusneuvontaan liittyvät palvelut, Jari Ahola
- **10.15-10.35** Horizon Europe 2021-2027 -ohjelman rahoitusmahdollisuudet yrityksille sekä Pillar 3, Tapio Siik
- **10.35-10.55** Mitä EU:n isossa kuvassa on tapahtumassa: vuosien 2023-2024 klusterikohtaiset työohjelmat, Jari Ahola
- **10.55-11.15** EU-hankkeen elinkaari, Mika Kolari
- **11.15- 11.30** Kysymyksiä ja päätössanat



## EU-rahoituksen ajankohtaiskatsaus



**Business Tampereen EU -rahoitusneuvontaan liittyvät palvelut**  
Jari Ahola, Asiakkuusvastaava, EU-rahoitus, Business Tampere





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# Business Tampere EU -rahoitusneuvontapalvelut

Webinar 9.5.2023

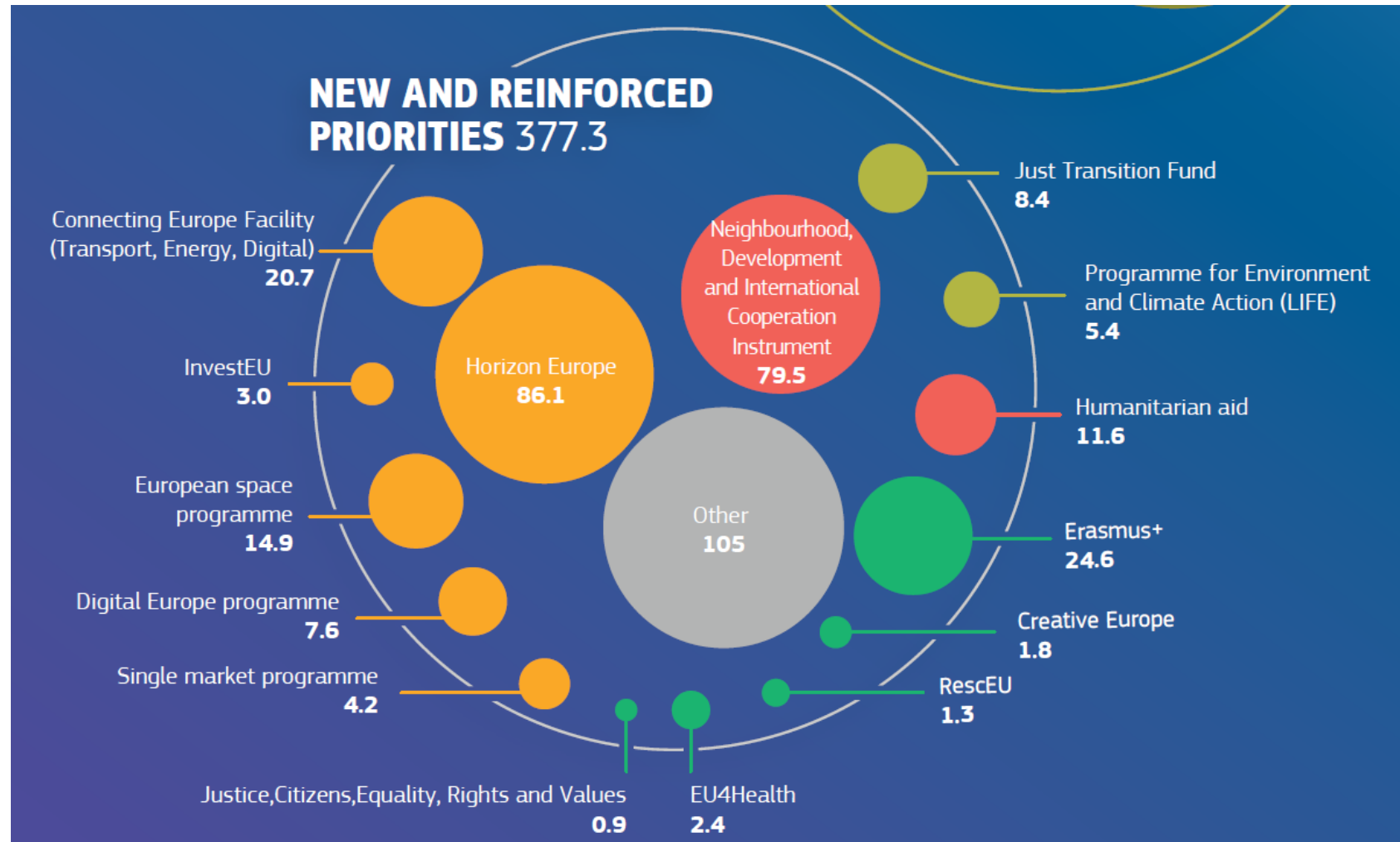
05/10/2023

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Jari Ahola, BT



# EU:n TKI rahoitusmekanismeja vuosille 2021-2027



# Oikean rahoitusinstrumentin löytämistä helpottaa yrityksen TKI –aktiiviteetin vaiheen tunnistaminen

- EU –hankkeissa tuetaan ja/tai rahoitetaan aktiiviteetteja, joilla on Euroopan laajuista vaikuttavuutta
- Useimmat rahoitusinstrumentit on jaettu TRL portaiden mukaisesti
- TKI –hankkeet ovat tyypillisesti laajoja monivuotisia hankkeita, joissa on osallistujia useista maista edustaen arvoketjun eri toimijoita
- Yritykset ovat projektikonsortioille erityisen arvokkaita hankkeessa syntyvän vaikuttavuuden konkretisoimiseksi innovaatioiksi ja lopulta tuotteiksi/palveluiksi hankkeen jälkeen
- EU hankkeissa yritys pääsee osaksi kansainvälistä verkostoa, jonka tuloksena yritys pääsee uusimman tiedon ja osaamisen hyödyntämiseen kiinni sekä luo yhteyksiä potentiaalisiin uusiin kansainvälisiin yhteistyökumppaneihin
- Tutkimusrahoituksen lisäksi instrumentteihin kuuluvat myös lainat, takuut ja pääomasijoitukset



# EU –rahoituspalveluiden tarjonta Suomessa

EU

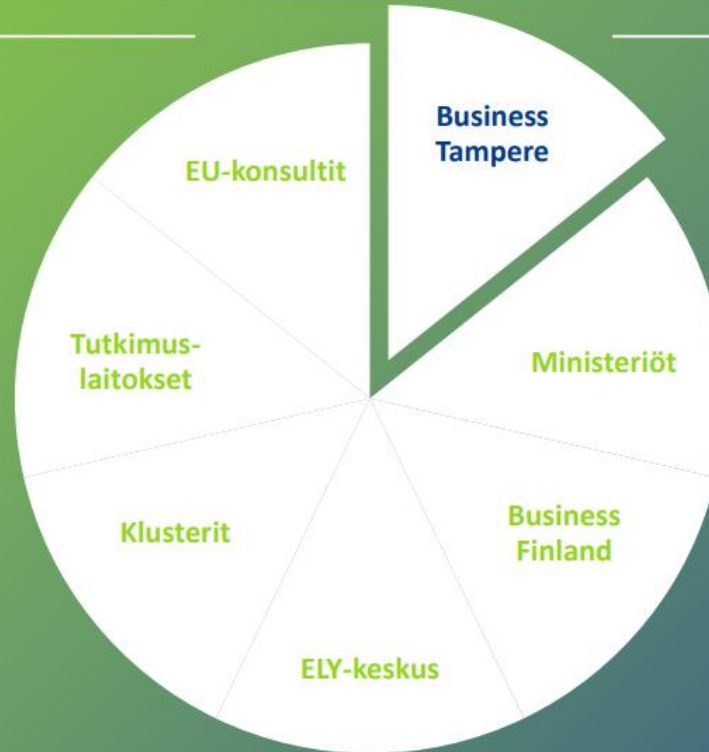
Linjaukset rahoitettavista kohteista, rahoitukseen liittyvien sääntöjen määrittäminen, EU-rahamen jakaminen, rahoitusneuvonta, portaalit ja oppaat

Rahoituskartoitus, konsortio- ja hakemuksen täyttämisen kädessä pitäminen, yrityksen tavoitteiden soveltaminen hankkeen tavoitteisiin, konsortiohankkeiden projektijohtaminen

Konsortio- ja koordinaatio, tutkimuskohteiden ideointi ja sparrailu, EU-hakujen asiantuntemus ja byrokratiasta huolehtiminen

Alustoja EU-rahastukseen liittyvän tiedon jakamiseen, verkostoituminen, tutkimusaihioiden tunnistaminen ja ideointi, tutkimuslaitosten ja yrityskentän kytkeminen toisiinsa

SUOMI



EU-rahastusneuvonta, kasvun ja kansainvälistymisen sparraus, rahoitusvalmiuden analysointi, tuki verkostoitumiseen, tapahtumat, tiedon jakaminen

EU-rahamen jakaminen, kansallisen osuuden kattaminen, pienimuotoinen neuvonta, EU:n päätöksentekoon vaikuttaminen, rahoitukseen liittyvien palveluiden (kuten BF) ohjaaminen ja kehitys

EU-rahamen jakaminen, kattavasti EU-rahastusneuvontaa ajanvarauksella, rahoitukseen liittyvät tapahtumat, webinaarit ja koulutukset, tukea verkostojen rakentamiseen ja asiantuntijoiden löytämiseen, hakemisen rahoittaminen

EU-rahamen jakaminen, neuvontaa Euroopan unionin tarjoamista rahoitus- ja verkostoitumiskanavista, hakemisen rahoittaminen

BearingPoint®

# Business Tampereen EU –rahoitukseen liittyvät palvelut

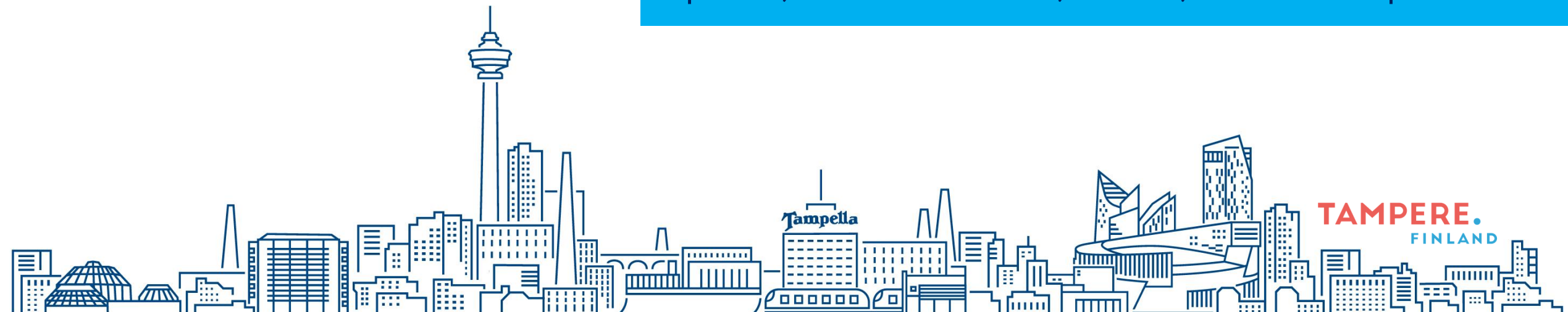
- Avustamme yrityksiä tunnistamaan toiminnastaan alueet, jotka voivat hyötyä EU –rahoitusinstrumenteista
- Tuki yhteistyökumppaneiden löytämiseen verkostojamme hyödyntäen
- Sparraaminen hakuprosessin suhteen
- EU –hankkeen elinkaaren eri vaiheiden opastus: hakemus, sopimukset, raportointi, projektinhallinta jne.



## EU-rahoituksen ajankohtaiskatsaus



**Horizon Europe 2021-2027 -ohjelman rahoitusmahdollisuudet yrityksille sekä Pillar 3**  
Tapio Siik, Asiakkuusvastaava, rahoitus, Business Tampere



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# Business Tampere

STRUCTURE OF HORIZON EUROPE &  
OVERVIEW OF FUNDING INSTRUMENTS FOR COMPANIES

05/10/2023

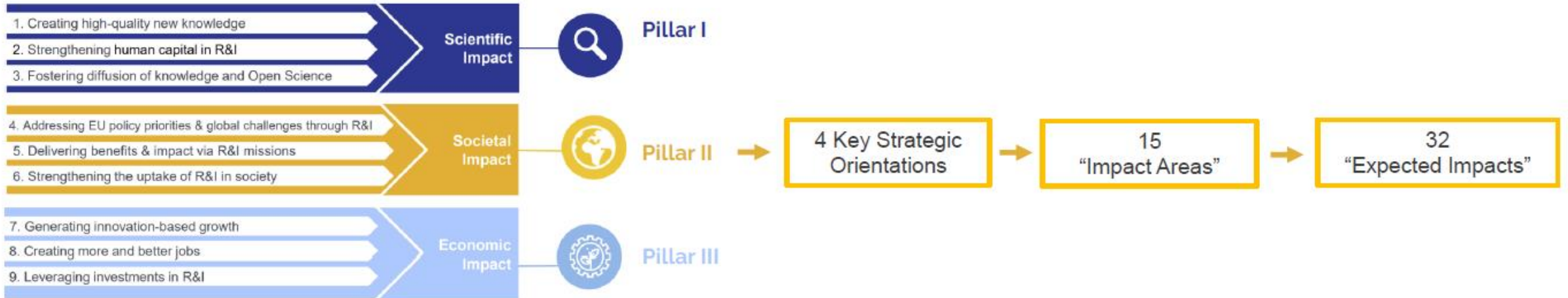
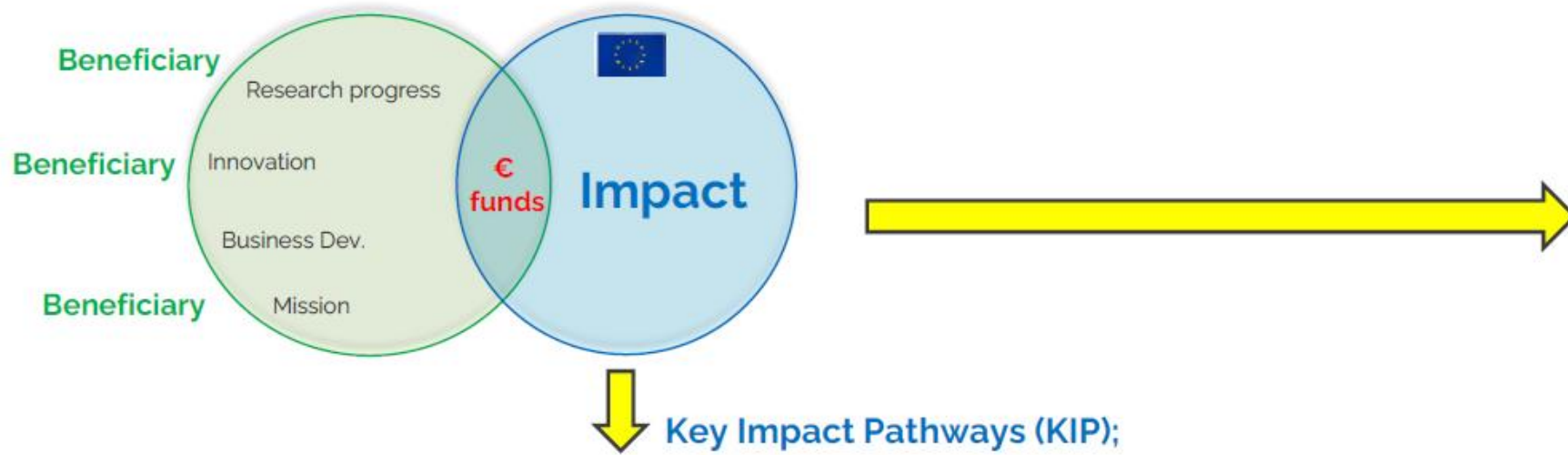


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Content by: European Fund Management Consulting – EFMC  
[WWW.EFMC.EU](http://WWW.EFMC.EU)

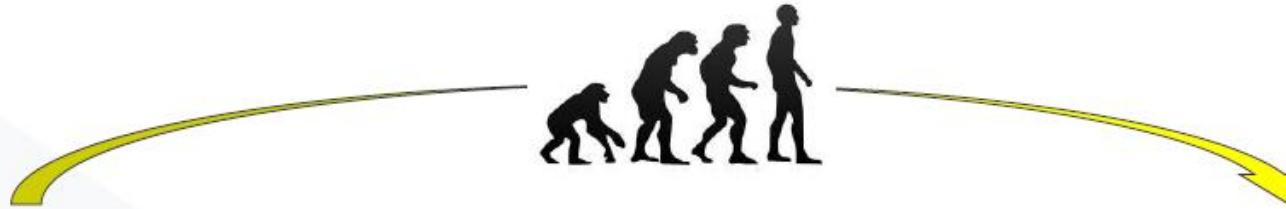
Tapio Siik

# Logic of EU funding and interests

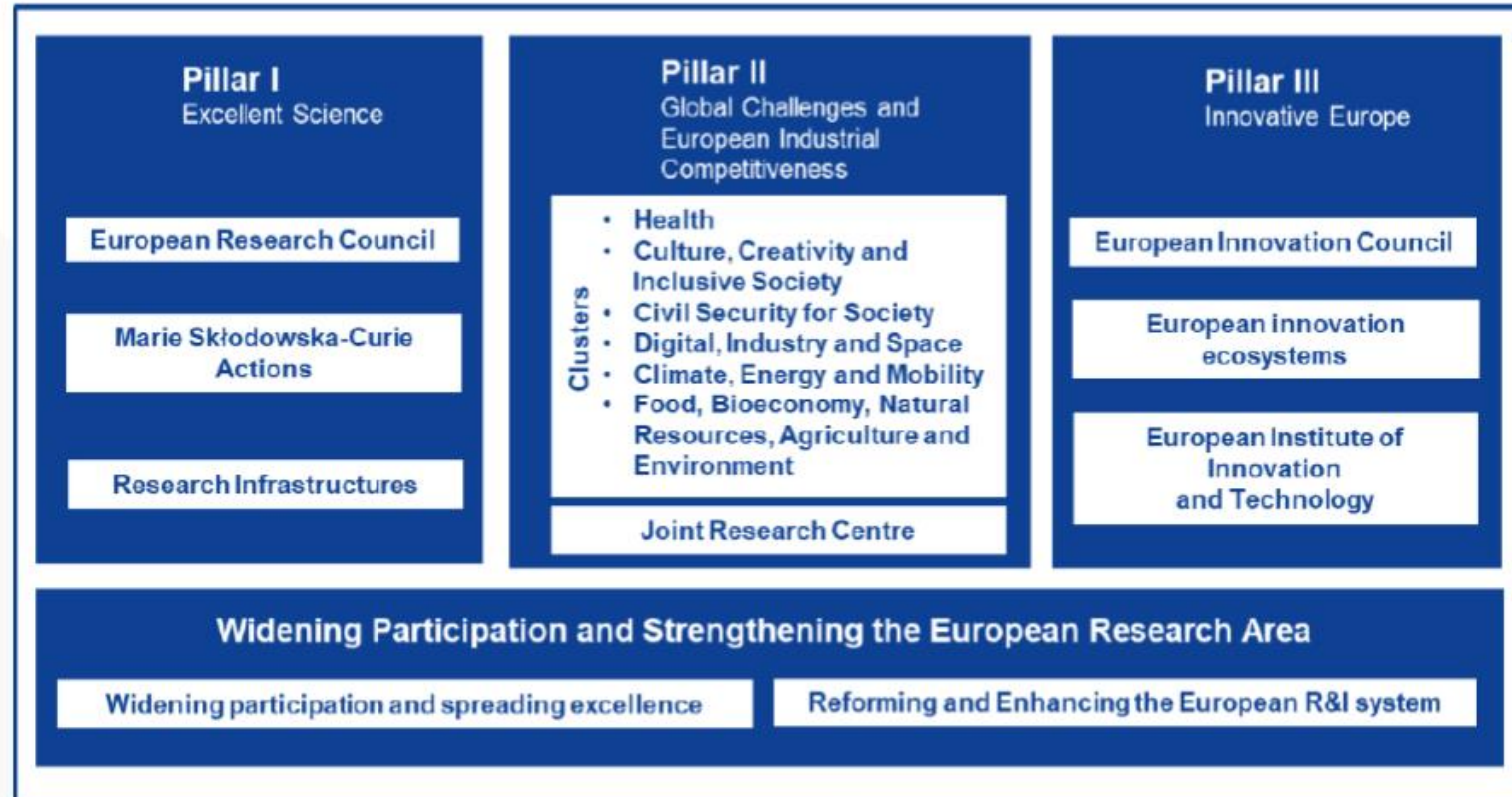




# Horizon 2020 vs. Horizon Europe



Activity-driven

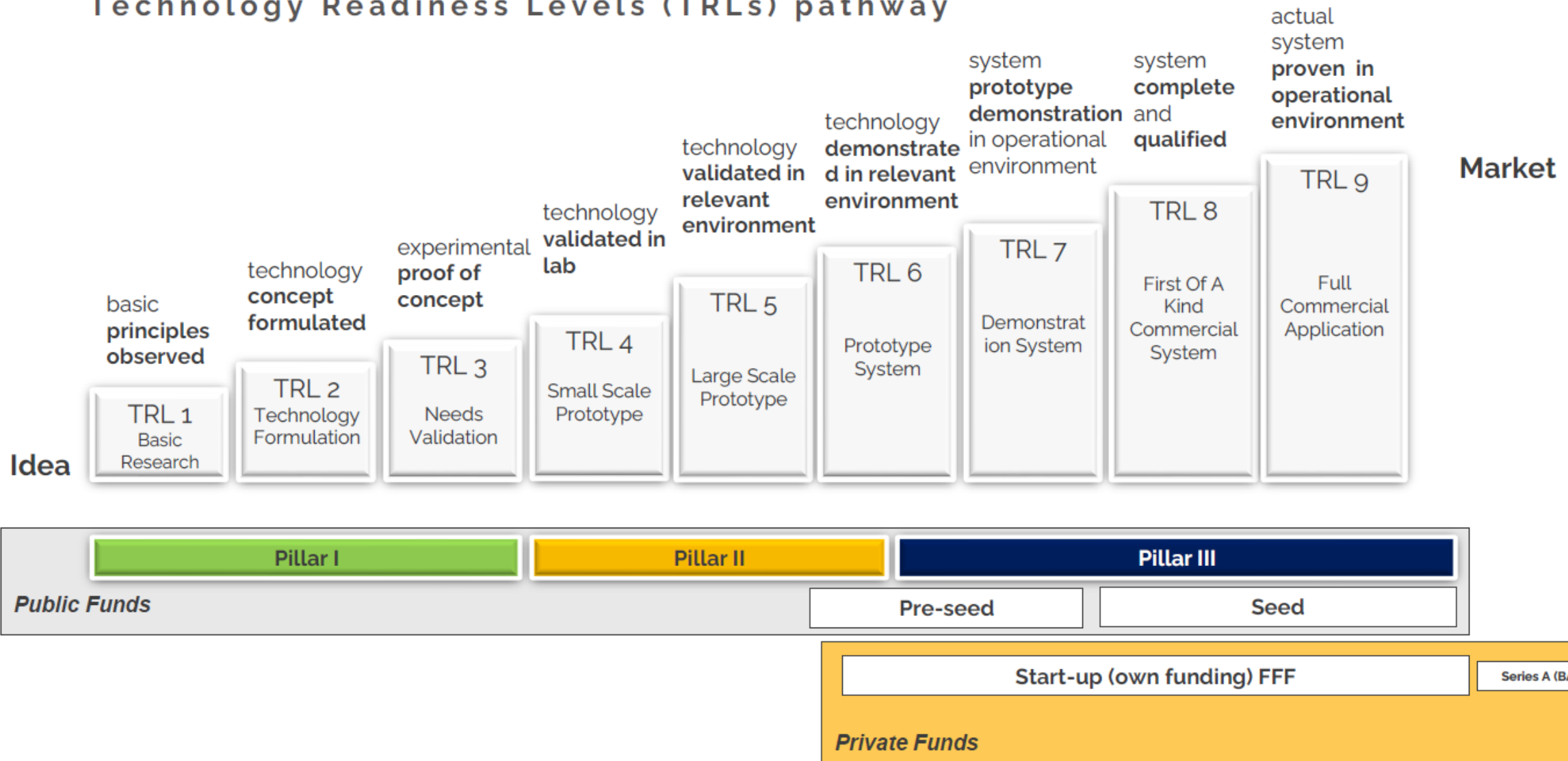


Impact-driven

## How are call topics defined?

- REGULATION (EU) 2021/695 **Horizon Europe** + **rules for participation** and **dissemination**
- COUNCIL DECISION (EU) 2021/764 on establishing the **specific programme** implementing Horizon Europe (7 years)
- **Strategic Plan** (4 years) – sets Strategic Orientations & Impact Areas
- **Work Programmes** (2 years) – defines Destinations (packages of action) & Expected Impacts
- **Call for Proposal** (yearly) – contains one or more Topics with Outcomes

# Logic of the Programme: Technology Readiness Levels (TRLs) pathway





## Matching your “**IDEA**” with **Work Programmes / Funding Instruments**

... EU programs have different approaches

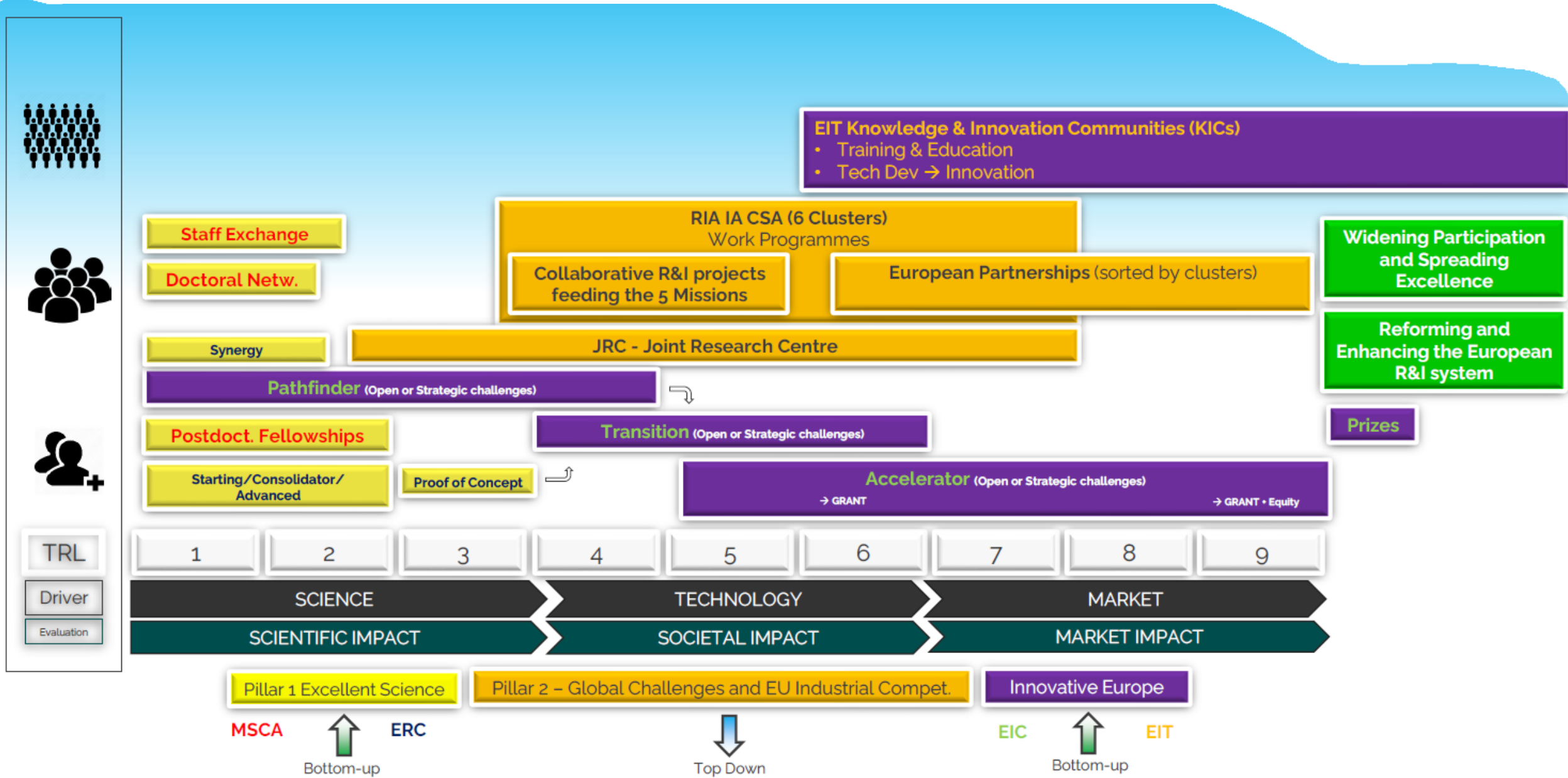


- **Open** to almost any research topic (few limitations)
- Topics are very **broad**
- The type of **funding instrument** is the core



- The **EC defines** the topics
- You **need to match** your idea with available topics
- The **type of action is a consequence** of the selection of the call «Topic/Challenge»

# Anatomy of Horizon Europe



## Types of actions & funding rates

### Pillar II (€53.5 billion)

- **Research and innovation actions (RIA)** → establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution. **Basic and applied research, technology development** and integration, **testing** and **validation** on a **small-scale prototype** in a laboratory or simulated environment. **100% funding rate & (indirect = 25% of direct costs)**
- **Innovation actions (IA)** → activities directly aiming at **producing plans and arrangements** or **designs** for new, altered or improved products, processes or services. **Prototyping, testing, demonstrating, piloting, large-scale product validation** and **market replication** → **70% funding rate** (except for non-profit entities = up to 100%) & **(indirect= 25% of direct costs)**
- **Coordination and support actions (CSA)** → accompanying measures such as **standardisation, dissemination, awareness-raising** and **communication, networking**, coordination or support services, **policy dialogues** and **mutual learning** exercises and **studies**, including design studies for new infrastructure and may also include complementary activities of strategic planning, networking and coordination between programmes in different countries **100% funding rate & (indirect= 25% of direct costs)**

- **Training and mobility action (MSCA)** → Unit costs
- **ERC Grants** → 100% funding rate & (indirect= 25% of direct costs)

### Pillar I (€25 billion)

- **EIC Pathfinder** → 100% funding rate & (indirect= 25% of direct costs)
- **EIC Transition** → 100% funding rate & (indirect= 25% of direct costs)
- **EIC Accelerator** → 70% funding rate & (indirect= 25% of direct costs)
- **EIT Framework Partnership Agreement / Specific Grant Agreement**

### Pillar III (€13.6 billion)

- ERA-NET Cofund actions → 33%
- European Joint Programme (EJP) Cofund action → 70%
- Pre-Commercial Procurement (PCP) → 30% (25% indirect)
- Public Procurement of Innovative Solutions (PPI) → 30% (25% indirect)
- Prizes → lump sum



# Pillar 2

Global Challenges and European Industrial Competitiveness



# Pillar 2 – Clusters / Strategic Orientations / Impact Areas

## 4 Key Strategic Orientations

A) Promoting an open strategic autonomy by leading the development of **KEY DIGITAL, ENABLING AND EMERGING TECHNOLOGIES, SECTORS AND VALUE CHAINS** to accelerate and steer the digital and green transitions through human-centred technologies and innovations

B) Restoring Europe's **ECOSYSTEMS AND BIODIVERSITY, AND MANAGING SUSTAINABLY NATURAL RESOURCES** to ensure food security and a clean and healthy environment

C) Making Europe the first **DIGITALLY ENABLED CIRCULAR, CLIMATE-NEUTRAL AND SUSTAINABLE ECONOMY** through the transformation of its mobility, energy, construction and production systems

D) Creating a more **RESILIENT, INCLUSIVE AND DEMOCRATIC EUROPEAN SOCIETY**, prepared and responsive to threats and disasters, addressing inequalities and providing high-quality health care, and empowering all citizens to act in the green and digital transitions

## 15 Impact Areas

1. A **competitive and secure** data-economy
2. **Industrial leadership** in key and emerging technologies that work for people
3. **Secure and cybersecure** digital technology
4. **High quality digital** services for all

5. **Enhancing ecosystems** and biodiversity on land and in waters
6. **Clean and healthy** air, water and soil
7. **Sustainable** food systems from farm to fork on land and sea

8. Climate change **mitigation and adaptation**
9. **Affordable and clean** energy
10. **Smart and sustainable** transport
11. **Circular and clean** economy

12. A **resilient** EU prepared for emerging threats
13. A **secure, open and democratic** EU society
14. **Good health and high-quality** accessible healthcare
15. **Inclusive** growth and **new job** opportunities

## Contributing Clusters

1), 2), 3), 4), 5)

1), 4), 5), 6)

1), 4), 5), 6)

1), 2), 3), 4), 5), 6)

# Pillar 2 – Clusters & Destinations

## Cluster 1 - Health

(45 calls)

1. **Staying healthy**
2. Living & working in a **health-promoting environment**
3. Tackling **diseases** & reducing disease burden
4. Innovative, sustainable and high-quality **health care**
5. Unlocking the full potential of **new tools, technologies and digital solutions** for a healthy society
6. Maintaining an innovative, sustainable & globally competitive **health industry**

## Cluster 2 - Culture, Creativity and Inclusive Society

(44 calls)

1. **Democracy and Governance**
2. European **Cultural Heritage** and the Cultural and **Creative Industries**
3. **Social and Economic transformations**

## Cluster 3 - Civil security for Society

(77 calls)

1. Better protect the EU and its citizens against **Crime and Terrorism**
2. Effective management of **EU external borders**
3. Protected **infrastructure**
4. Increased **Cybersecurity**
5. A **Disaster-Resilient Society** for Europe
6. **SSRI** (Strengthened Security Research and Innovation)

## Cluster 4 - Digital, Industry and Space

(194 calls)

1. Climate neutral, circular and digitised **production**
2. increased autonomy in **key strategic value chains** for resilient industry
3. world leading **data and computing technologies**
4. **digital and emerging technologies** for competitiveness and fit for the green deal
5. open strategic autonomy in developing, deploying and using global **space-based infrastructures**, services, applications and data
6. a human-centred and ethical development of **digital and industrial technologies**

## Cluster 5 - Climate, Energy and Mobility

(180 calls)

1. **Climate sciences** and responses
2. Cross-sectoral solutions for the **climate transition**
3. Sustainable, secure and **competitive energy supply** -2021-2024
4. Efficient, sustainable and inclusive **energy use**
5. Clean and competitive solutions for all **transport mode**
6. Safe, Resilient **Transport and Smart Mobility** services for passengers and goods

## Cluster 6 - Food, Bioeconomy, Natural Resources, Agriculture and Environment

(179 calls)

1. **Biodiversity and Ecosystem Services**
2. Fair, healthy and environmentally-friendly **food systems** from primary production to consumption
3. **Circular economy** and **bioeconomy** sectors
4. **Clean environment and zero pollution**
5. **Land, oceans and water** for climate action
6. Resilient, inclusive, healthy and **green rural, coastal and urban communities**
7. Innovative **governance, environmental observations and digital solutions** in support of the **Green Deal**

- 34 Destinations  
- about 719 Calls/Topics



# Pillar 2 – Clusters – Expected Impacts

## Cluster 1 - Health

1. Staying healthy in a rapidly changing society
2. Living & working in a health-promoting environment
3. Tackling diseases & reducing disease burden
4. Ensuring access to innovative, sustainable & high-quality health care
5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society
6. Maintaining an innovative, sustainable & globally competitive health industry
7. Democratic governance is reinvigorated...
8. The full potential of CCC sectors is realised....
9. Social and economic resilience and sustainability are strengthened...
10. Inclusive growth is boosted and vulnerabilities are reduced effectively...

## Cluster 2 – CC & IS

## Cluster 3 - Civil security for Society

11. Enhanced disaster risk reduction
12. Improved air/land/sea border management & maritime security
13. Tackling crime and terrorism, and threats to infrastructures
14. Increased cybersecurity and a more secure online environment

## Cluster 4 - Digital, Industry and Space

15. Global leadership in clean & climate-neutral industrial value chains, circular economy and climate-neutral digital systems and infrastructures
16. Industrial leadership and increased autonomy in key strategic value chains with security of supply in raw materials
17. Globally attractive, secure and dynamic data-agile economy
18. Open strategic autonomy in digital technologies and in FET
19. Open strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data
20. A human-centred and ethical development of digital and industrial technologies

## Cluster 5 - Climate, Energy and Mobility

21. Transition to a climate-neutral and resilient society and economy
22. Clean and sustainable transition of the energy and transport sectors
23. Efficient, clean, sustainable, secure, and competitive energy supply
24. Efficient and sustainable use of energy
25. Climate-neutral and environmental-friendly mobility
26. Safe, seamless, smart, inclusive, resilient, climate neutral and sustainable mobility systems

27. Climate neutrality and adaptation to climate change
28. Preservation and restoration of biodiversity and ecosystems
29. Sustainable and circular management of natural resources; tackling pollution;
30. Food and nutrition security for all from sustainable food systems from farm to fork
31. Balanced development of rural, coastal and urban areas
32. Innovative governance models enabling sustainability, environmental observation

## Cluster 6 - Food, Bioeconomy, Natural Resources, Agriculture and Environment

# Pillar 3

Innovative Europe



## Pillar 3 – Innovative Europe

### Will Europe be able to catch the 6<sup>th</sup> “wave of Innovation”?

- 5<sup>th</sup> WAVE → Built on **computers and digital communications** networks (USA and China won, Facebook, Google, Uber, etc.). **B2C**
- 6<sup>th</sup> WAVE → **Sustainable technology-driven growth.**
  - European industries excel in **B2B** engineering services (e.g. manufacturing or oil and gas production)
  - This sector will be **at the heart of the next wave** of sustainable technology-driven growth
- **EU research Paradox**
- Fragmentation of the Innovation Ecosystem
- Concentration in (not well connected) big cities.



## Pillar 3 – European Innovation Council

- **EIC is for breakthrough / disruptive, market-creating, deeptech innovation**, with high levels of **RISK!**
- **Most promising ideas to real world** application - Support the **scaling-up** of innovative **start-ups** and **companies**
- Ensuring that excellent research, including **FET** and other **Pillars**, is transformed into practical solutions.
- **Low Bureaucracy** (application paper)
- **OPEN vs CHALLENGES**



**Transition:** Grant brings innovation closer to market operators and investors and scale up of companies. Bridging the "Valley of Death" **Applicant: single SME**. Start-up, mid-cap, established in a MS or associated country, or, **Consortium** up to 5 entities  
Grant up to 2.5 M€



**Pathfinder** (Visionary Thinking – No Incremental Innovation):  
**Future and emerging breakthrough technologies** which are key to disruptive innovations.

- **RIA:** 3 M€ (100%) - min 3 Partners



**Accelerator:** Grant brings innovation closer to market operators and investors and scale up of companies. Bridging the "**Valley of Death**" Applicant: **single SME**. Start-up, mid-cap, established in a MS or associated country.

**Grant:** up to 2.5 M€ (70%) (not for mid-cap)

**Equity or guarantee:** 0,5 - 15 M€ (Exceptionally mid-cap)

- **Years to exit:** 7-10, up to 15 (patient capital)
- **voting shares:** 10% to 25%

"Grant only": exceptionally

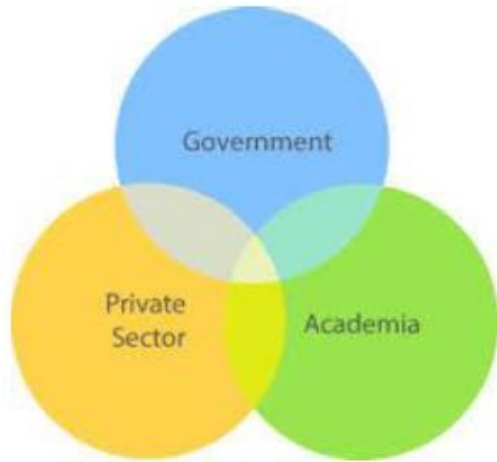
- if can demonstrate you have own funding for TRL9, or
- You are still very far from TRL9

1 2 3 4 5 6 7 8 9

Innovation/Technology Readiness (TRLs)



# Pillar 3 – EIT European Institute for Technology and Innovation



- Activities
  - ✓ **entrepreneurial education and training**
  - ✓ **innovation projects,**
  - ✓ **business creation** activities;
  - ✓ support services for **start-ups, scale-ups and SMEs**



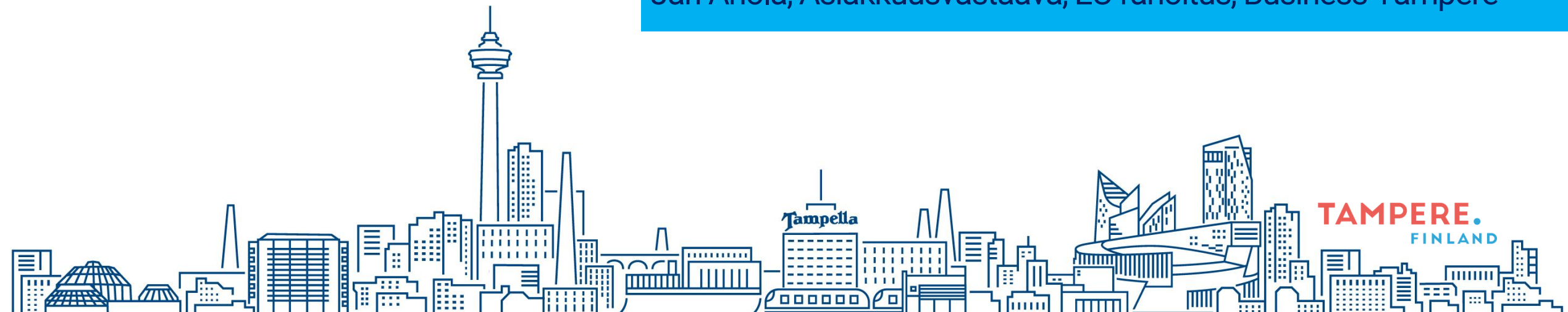
- Pilot initiatives as necessary to **improve the market exploitation** and **commercialization** of results funded by the clusters, facilitate conversion into new businesses activities and promote the uptake of **entrepreneurial skills** among researchers and innovators

## EU-rahoituksen ajankohtaiskatsaus



**Mitä EU:n isossa kuvassa on tapahtumassa: vuosien 2023-2024  
klusterikohtaiset työohjelmat**

Jari Ahola, Asiakkuusvastaava, EU-rahoitus, Business Tampere





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# Business Tampere EU –TKI rahoitus 23-24

Webinar 9.5.2023

05/10/2023

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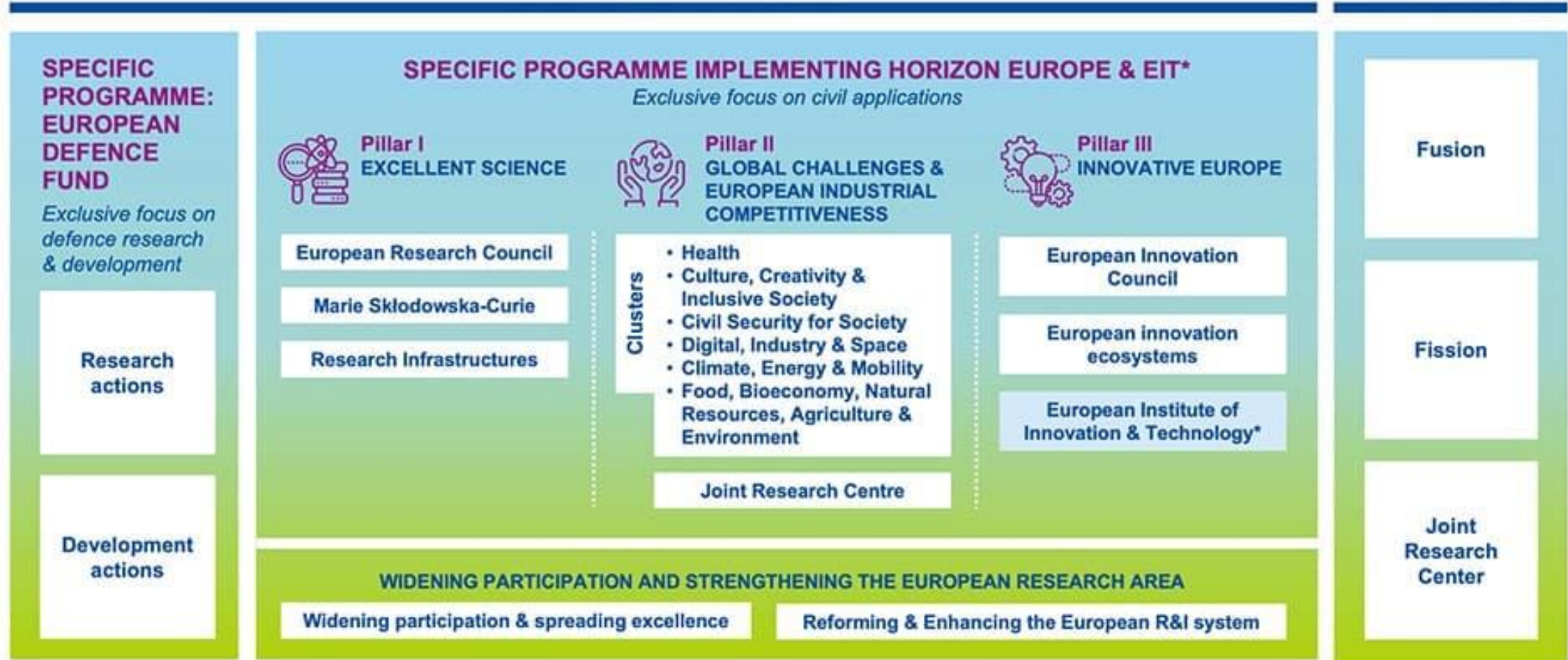
## EU:n TKI –rahoitus työohjelmakaudella 2023-2024

- Horizon Europe –puiteohjelman pilari 2 klusterikohtaiset työohjelmat laaditaan kahden vuoden jaksoissa
- Vuosien 2023-2024 työohjelmat julkaistu 6.12.2022
- Lähitulevaisuudessa: EU:n strategisten prioriteettien määrittely loppukaudeksi 2025-2027 -> keskeinen vaikutus loppukauden työohjelmien sisältöön – julkinen konsultaatio 23.2.2023 asti

# 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> |

[info@efmc.eu](mailto:info@efmc.eu) / <https://efmc.eu>

# 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

# 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 työohjelmiansa mukaisesti
- Puolet rahoituksesta EU:lta, loput muilta (teollisuus)toimijoilta
- Merkittävät budjetit: tyypillisesti miljardiluokassa per JU



# Kuinka parhaiten mukaan

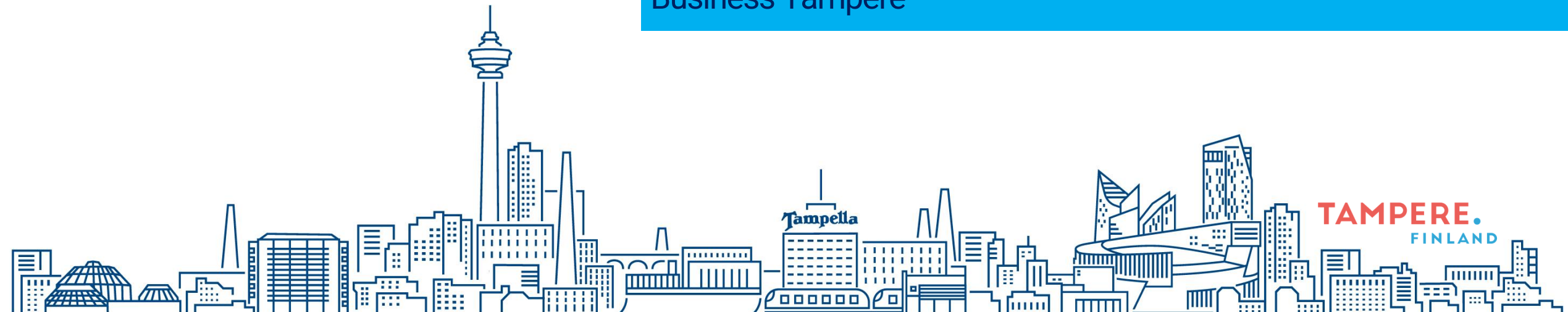
- Hankeidean kiteyttäminen ja kumppaneiden etsiminen kannattaa aloittaa välittömästi
- Käänny puoleemme EU –rahoitusneuvontapalveluiden osalta:
  - Mitä rahoitetaan?
  - Kuinka haetaan?
  - Keidenkä kanssa?
  - Aikataulut?

## EU-rahoituksen ajankohtaiskatsaus



### EU-hankkeen elinkaari

Mika Kolari, Asiakkuusvastaava, EU-rahoitus  
Business Tampere





TAMPERE.  
FINLAND

# EU-hankkeen elinkaari

Webinaari 9.5.2023

BUSINESS  
TAMPERE

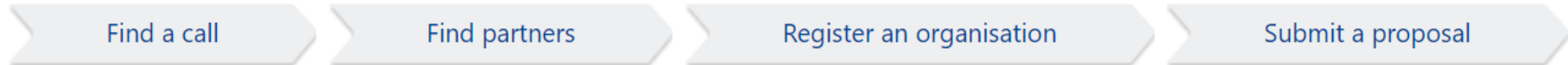
10.5.2023

Business Tampere, Mika Kolari



## Grants

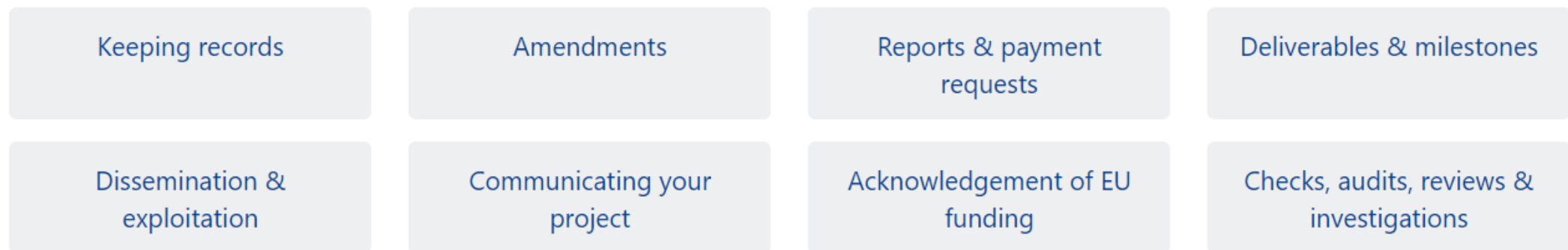
### Applying for funding



### Evaluation & Grant signature



### Grant management

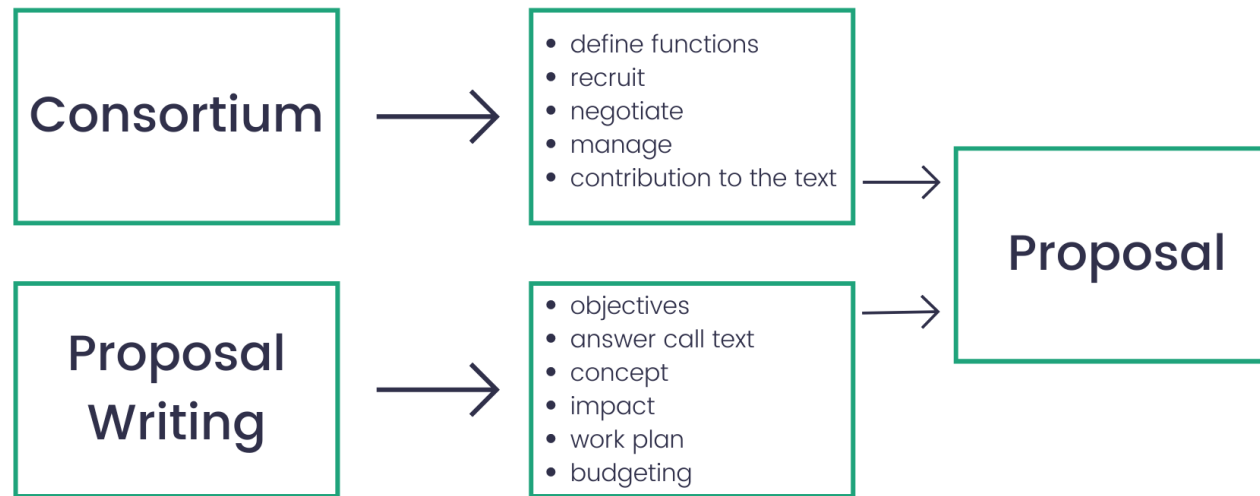




# Horizon Europe EU project – Applying for Funding

- 1. Idea:** You develop the idea of your project that you would like to submit. The idea is often developed within a consortium.
- 2. Call for proposals opens:** The [Funding & Tenders portal](#) of the European Commission opens the call for proposals. The consortium now works intensively on the proposal.
- 3. Deadline for submission:** This is the last day on which you can submit your proposal of the Funding & Tenders portal. Afterwards, it won't be possible anymore. The preparation period can **last between 6 and 12 months** on average.

**Horizon Europe emphasis on:** Excellent science, industrial leadership and tackling societal challenges



# LIFE Programme

## EU's funding instrument for the environment and climate action

LIFE Programme has four sub-programmes:

- [Nature and biodiversity](#)
- [Circular economy and quality of life](#)
- [Climate change mitigation and adaptation](#)
- [Clean energy transition](#)



25 April 2023 - 1 June 2023

EU LIFE Info Days 2023



# Horizon Europe EU project – Consortium and CA

## Consortium

- High impact on success rate
- Required for collaborative projects
- Need to be relevant and competitive
- Minimum 1 from EU member state and at least 2 additional from EU or associated countries'
- Logic in workflow and functions, no gaps or overlaps → Only relevant partners with real need and tasks
- Gantt chart + Pert chart with detailed written workflow

## Consortium Agreement - establishes and governs the relations between the partners

- Intellectual Property Rights (IPR)
- Future use and commercialisation of the project's results.
- Knowledge transfer processes between project partners
- Internal management processes
- Reporting processes within the project consortium
- Conflict resolution processes...

# Horizon Europe EU project – IPR (in CA)

- IPR strategy is typically done after selected for funding or after project start (not ideal)
- Background (what partner brings to project) and foreground (what is developed in project) IP
  - Patents
  - Copyright and related rights
  - Trade marks
  - Know-how
  - Trade secrets
  - Designs
  - Drawings
  - Reports
  - Methods of research and developments
  - Documented data
  - Description of inventions and discoveries...

**Who owns which IPR to begin with?**

**How new IP is owned or shared?**

**Once the project produces results eligible for IP protection:**

- **How will you exploit the results?**
- In case you are the sole owner or a joint owner of the IPR developed in the project, **will you enable free access rights to the partners once the project is through? If so, for how long?**
- Are there any technology licensing considerations which are relevant to this project?

**When relevant to IPR – which confidentiality measures have been and will be put in place?**



# Horizon Europe –Proposal Development Timeline

## ACTION

## Recommended due date

1. **Prepare the preliminary project summary/abstract** max 2 pages **T-90 days**
2. **List of partners** recruit, activate, 2 months before the call deadline **T-60 days**
3. **Send out the proposal template with instructions** delegate, help, manage **T-60 days**
4. **Open a submission system in the Participant Portal** set up, add (PIC#) **T-45 days**
5. **Collect partners' administrative information** validation, budget **T-45 days**
6. **Have a first full draft of the proposal** sections 1, 2 and 3 – eval. criterion **T-30 days**
7. **Handle any supplementary aspects, such as ethics, security, etc** finalize **T-30 days**
8. **Finalize the budget** min 2 weeks before (internal approval procedures) **T-15 days**
9. **Near-final draft** min 1 week for final touches and proofreading **T-7 days**
10. **Final draft and first submission** do not wait to last day (validation errors✓) **T-3 days**
11. **Final submission** **Submission Deadline (T)**

## The proposal contains two parts:

- **Part A** of the proposal is generated by the IT system. It is based on the information entered by the participants through the submission system in the Funding & Tenders Portal. The participants can update the information in the submission system at any time before final submission.
- **Part B** of the proposal is the narrative part that includes three sections that each correspond to an evaluation criterion. Part B needs to be uploaded as a PDF document following the templates downloaded by the applicants in the submission system for the specific call or topic. The templates for a specific call may slightly differ from the example provided in this document.

The electronic submission system is an online wizard that guides you step-by-step through the preparation of your proposal.

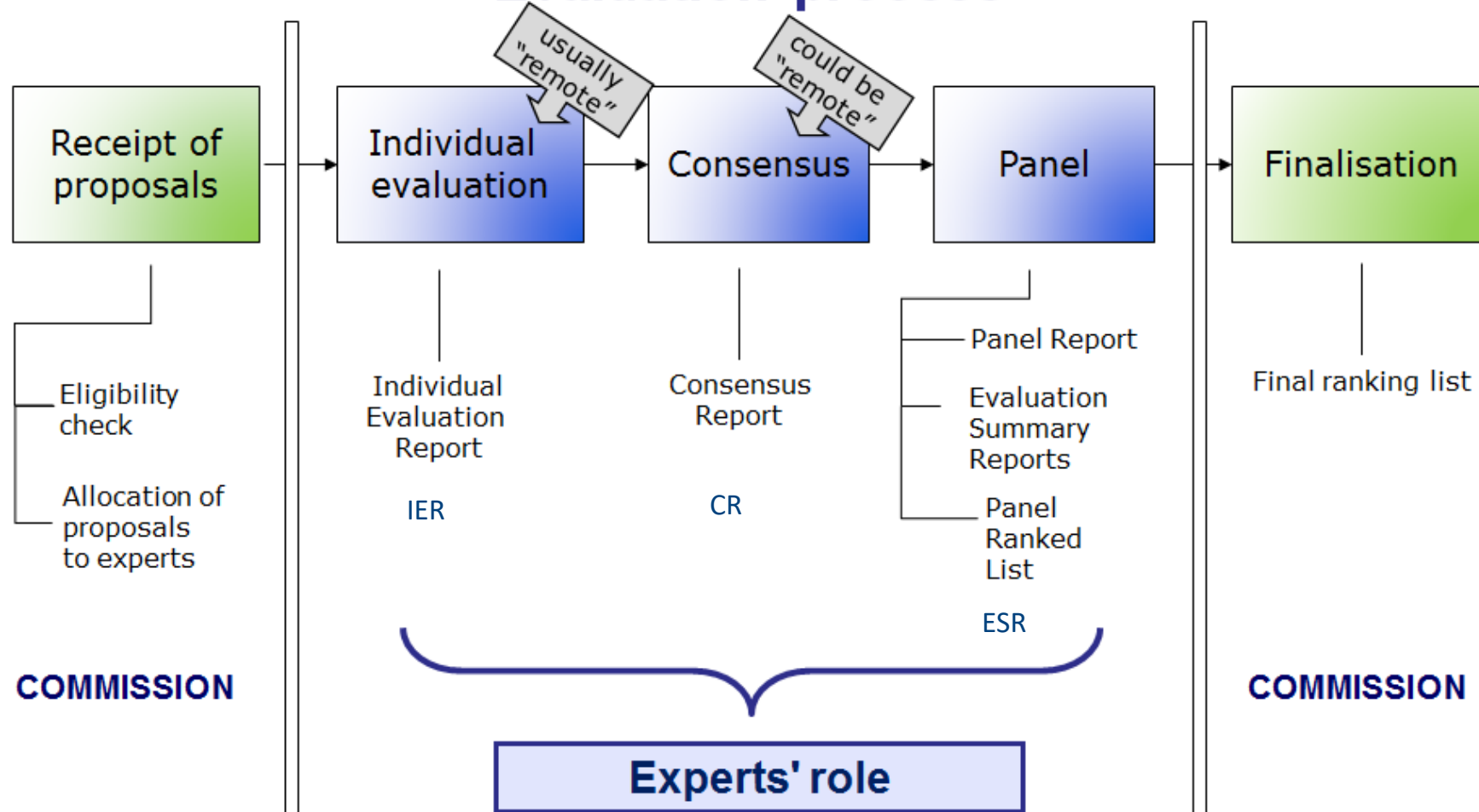
## The submission process consists of 6 steps:

- Step 1: Logging in the Portal
- Step 2: Select the call, topic and type of action in the Portal
- Step 3: Create a draft proposal: Title, acronym, summary, main organisation and contact details
- Step 4: Manage your parties and contact details: add your partner organisations and contact details.
- Step 5: Edit and complete web forms for proposal part A and upload proposal part B
- Step 6: Submit the proposal

## Standard evaluation process



## Evaluation process







## Admissibility, eligibility checks and additional requirements

*Admissibility is checked by EU staff.*

- Applications must be **complete** and contain all parts and mandatory annexes and supporting documents.
- Applications must be **readable, accessible and printable**.
- Applications must include a **plan for the exploitation and dissemination of results including communication activities** (n/a for applications at the first stage of two-stage procedures or unless otherwise provided in the specific call conditions).
- Specific **page limits** per type of action normally apply (specified in the topic conditions and controlled by IT tool).

*Eligibility is checked by EU staff. If you spot an issue, please inform the EU staff.*

- Eligible activities are the ones described in the call conditions.
- Minimum number of partners as set out in the call conditions (at least one independent legal entity established in a MS, and, at least two other independent legal entities established either in a MS or AC).
- For calls with deadlines in 2022 and onwards participants that are public bodies, research organisations or higher education establishments from Members States and Associated countries must have a gender equality plan in place.
- Other criteria may apply on a call-by-call basis as set out in the call conditions. In few cases, the call conditions in the topic can modify the interpretation of criteria.



## Evaluation (award) criteria

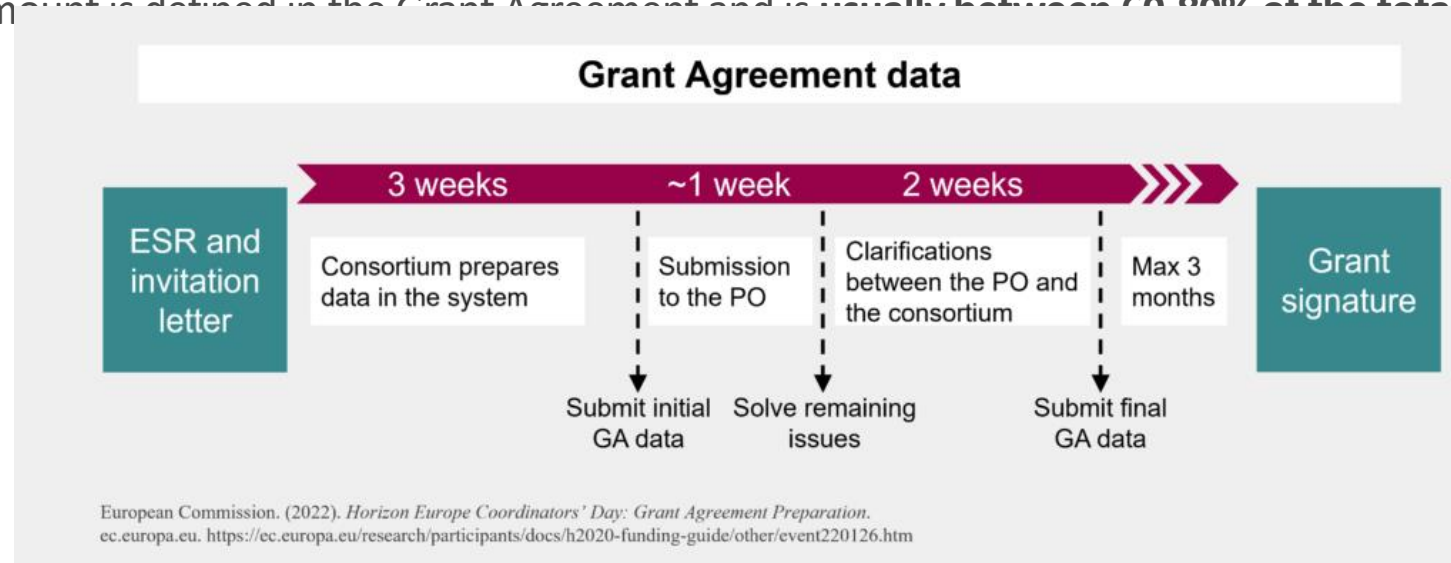
### Three evaluation criteria

'Excellence', 'Impact' and 'Quality and efficiency of the implementation'.

(Only one evaluation criterion for ERC - Excellence)

- Evaluation criteria are **adapted** to each **type of action**, as specified in the WP
- Each criterion includes the '**aspects to be taken into account**'. The same aspect is not included in different criteria, so it is not assessed twice.
- **Open Science** practices are assessed as part of the scientific methodology in the excellence criterion.

- 1. Outcome of the evaluation:** Through the Funding & Tenders portal, you will be informed if your proposal has been funded or not. The success rate can vary significantly from one call to the other. The **evaluation period can last up to 5 months.**
- 2. Preparation of the Grant Agreement:** The consortium and mainly the coordinator is preparing with the European Commission the Grant Agreement through the Funding & Tenders portal. This period can last **up to 3 months.**
- 3. Signature of the Grant Agreement:** All beneficiaries are invited to sign the Grant Agreement.
- 4. Payment of the pre-financing:** The coordinator of the project will receive the pre-financing from the European Commission. The amount is defined in the Grant Agreement and is usually between **60-80% of the total grant amount.**



# Horizon Europe EU project – Grant Management

- 1. Project launch:** It is the first day where the consortium officially starts to work on the project and report costs. It is usually the first day of the month following the signature of the Grant Agreement.
- 2. Project execution and reporting:** The project execution can last between 12-60 months on average and can contain various reporting periods.
- 3. Project end:** This is the last day the consortium can officially work on the project and report costs.
- 4. Audit:** For Horizon Europe projects, if the beneficiary received more than 430.000€ of grant, it will have to pass through a CFS audit.
- 5. Final reporting:** 60 days after the last day of the project, the consortium has to submit through the Funding & Tenders portal all pending deliverables, financial statements, and certificates of CFS audits if requested.
- 6. Payment of the final balance:** The European Commission will revise the performance as well as the financial reports and eventually reduce the grant if obligations have not been made. This is the case for under-performance or ineligibility of costs. After this done, the European Commission will pay to the coordinator the payment of the balance and the Mutual Insurance Mechanism.



# Horizon Europe EU project –Successful Proposal

## #1. Strong project idea –what you like to submit

- Game changing innovation (go beyond state-of-the-art)
- Risky
- Detailed work plan –adapt to EU requirements
- The idea is often developed within a consortium (show that you are interconnected)

## #2. High impact

- Large market opportunity
- Credible go to market strategy
- Ambitious BP
- Create jobs and profit
- Value for money

## #3. Competent team (+ partners)

- Credible skills
- Relevant experience
- Balanced team
- Expertise in all required areas (PM, engineering, finance, sales etc.)
- Judicious subcontracting
- Talent acquisition plan





**Kiitos!**

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[#business tampere](https://hashtag.tampere.com/business tampere)



**MIKA KOLARI**

**Senior Business Advisor**

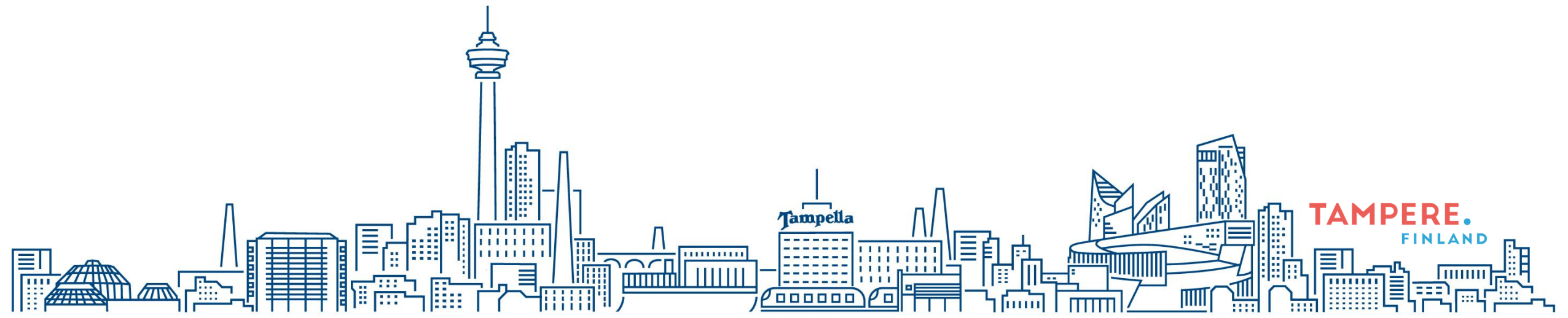
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# Kysymyksiä?



## EU-rahoituksen ajankohtaiskatsaus



### KIITOS!

Webinaarin tallenne on katsottavissa Business Tampereen YouTube-kanavalla.

Annathan meille tapahtumasta palautetta!

### Seuraavat tapahtumamme:

30.5. Testialustat tutuiksi: Terveysteknologian testialustat  
6.-7.6 Tampere Smart City Expo & Conference

Seuraa tapahtumatyriyksille.fi kalenteria ja ilmoitteluamme!





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