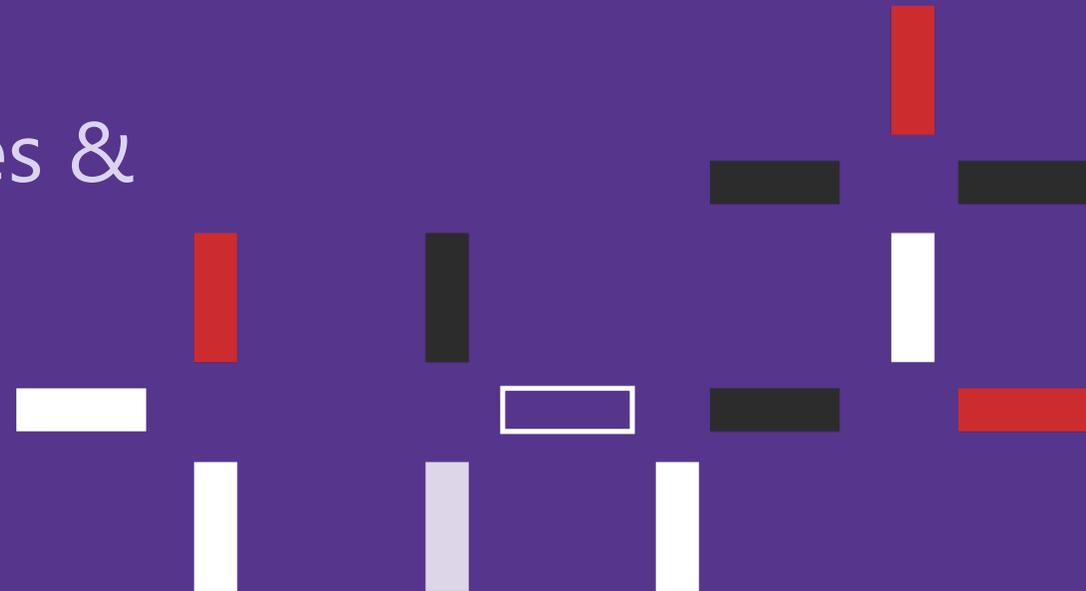




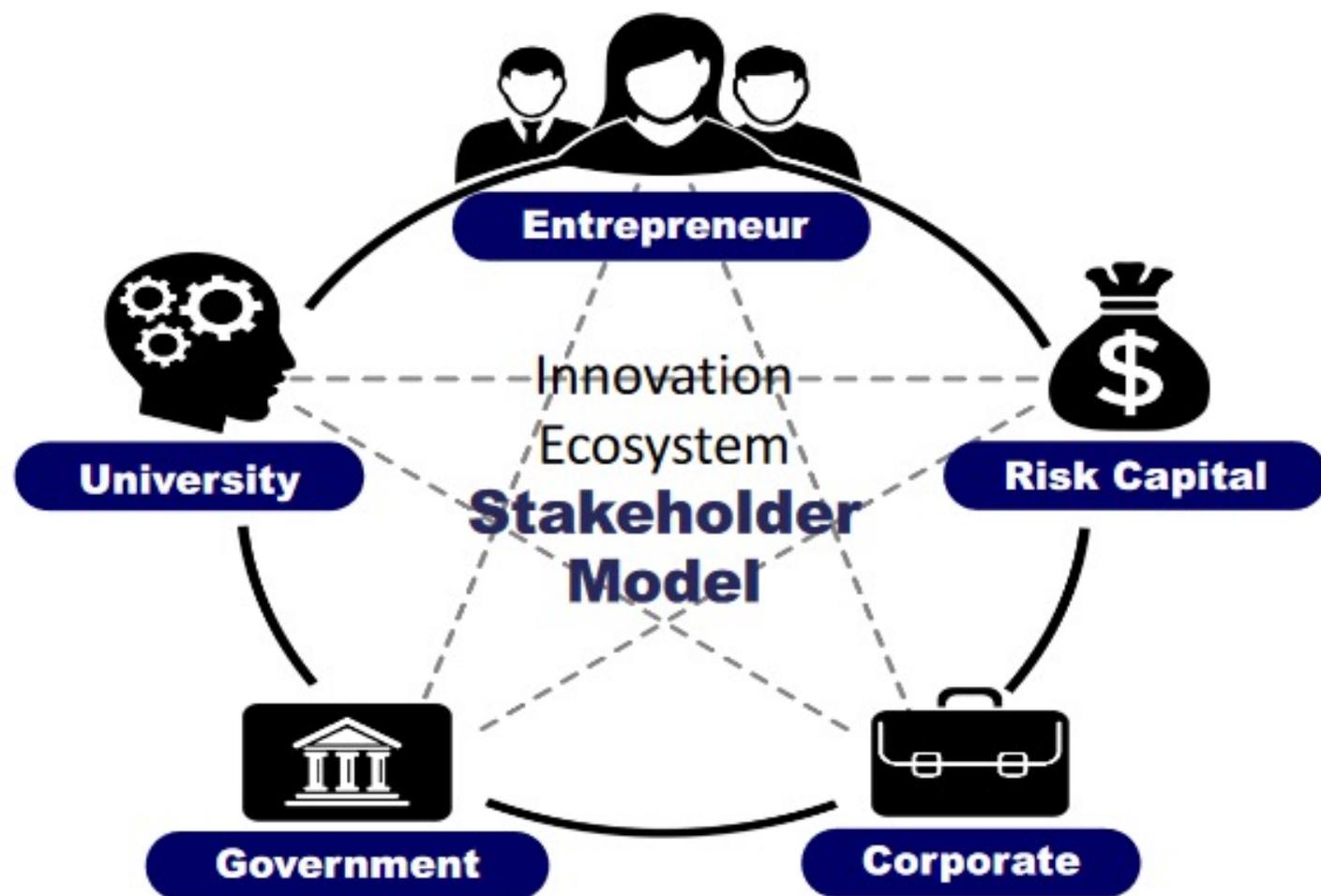
# EIC AND NEW EUROPEAN INNOVATION AGENDA

Viorel Peca

Head of Unit EIC Transition Activities &  
Business Acceleration Services



These so-called 'innovation ecosystems' are characterized by the presence & active engagement of five key stakeholders



- **Foundational institutions:** At the core, they include rule of law (and conversely lack of corruption), protection of property rights (especially IP), financial institutions, freedom for new ideas (including scientific openness), and general ease of doing business.
- **Innovation Capacity (I-Cap)** is the capacity of a place – a city, a region or a nation – to develop ‘new-to-the-world’ ideas and to take them from inception to impact
- **Entrepreneurship Capacity (E-Cap)** emphasizes a subset of the more general entrepreneurial capability and conditions for forming enterprises: the latter supports all types of entrepreneurship (leading mostly to SMEs rather than Innovation-Driven Enterprises IDEs)

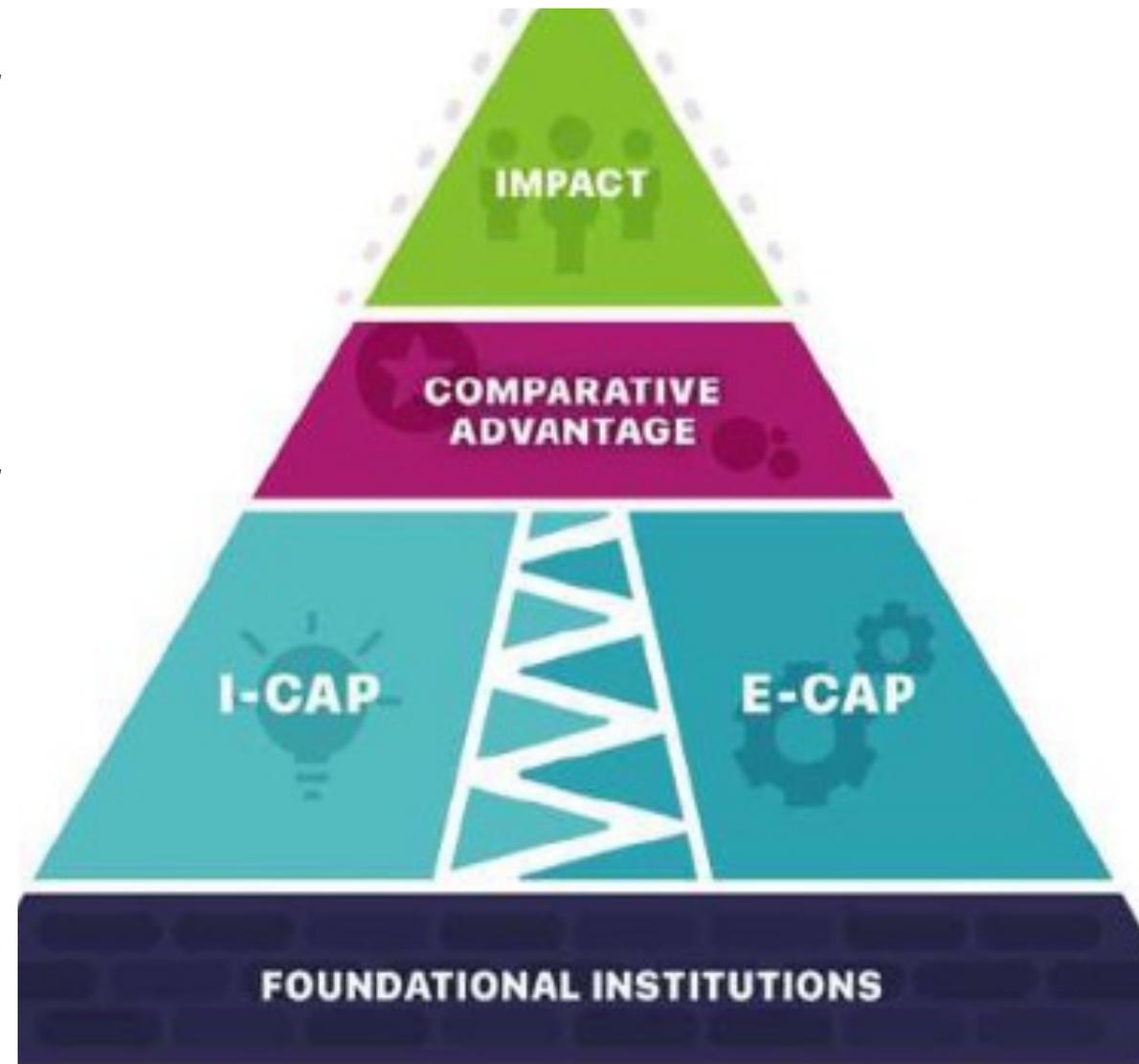


Figure 1: the 'System' for innovation-driven entrepreneurship



- Comparative Advantage of any region's economy is based on specific areas of strength that differentiate it from others around it, increasingly globally. A region's comparative advantage will often find expression in geographical clusters or industrial sectors - as agglomeration and specialization remain factors even in this latest phase of the industrial revolution – whether they be clusters in the life sciences, IT services or education.
- The resulting 'impact' comes from the combination of innovation- and entrepreneurial-capacities, when combined with core comparative advantage and often taking specific actions through 'program and policy interventions' (PPIs).
- Impact: GDP per capita, SDGS, increase in IDEs, specific PPI impact at regional level

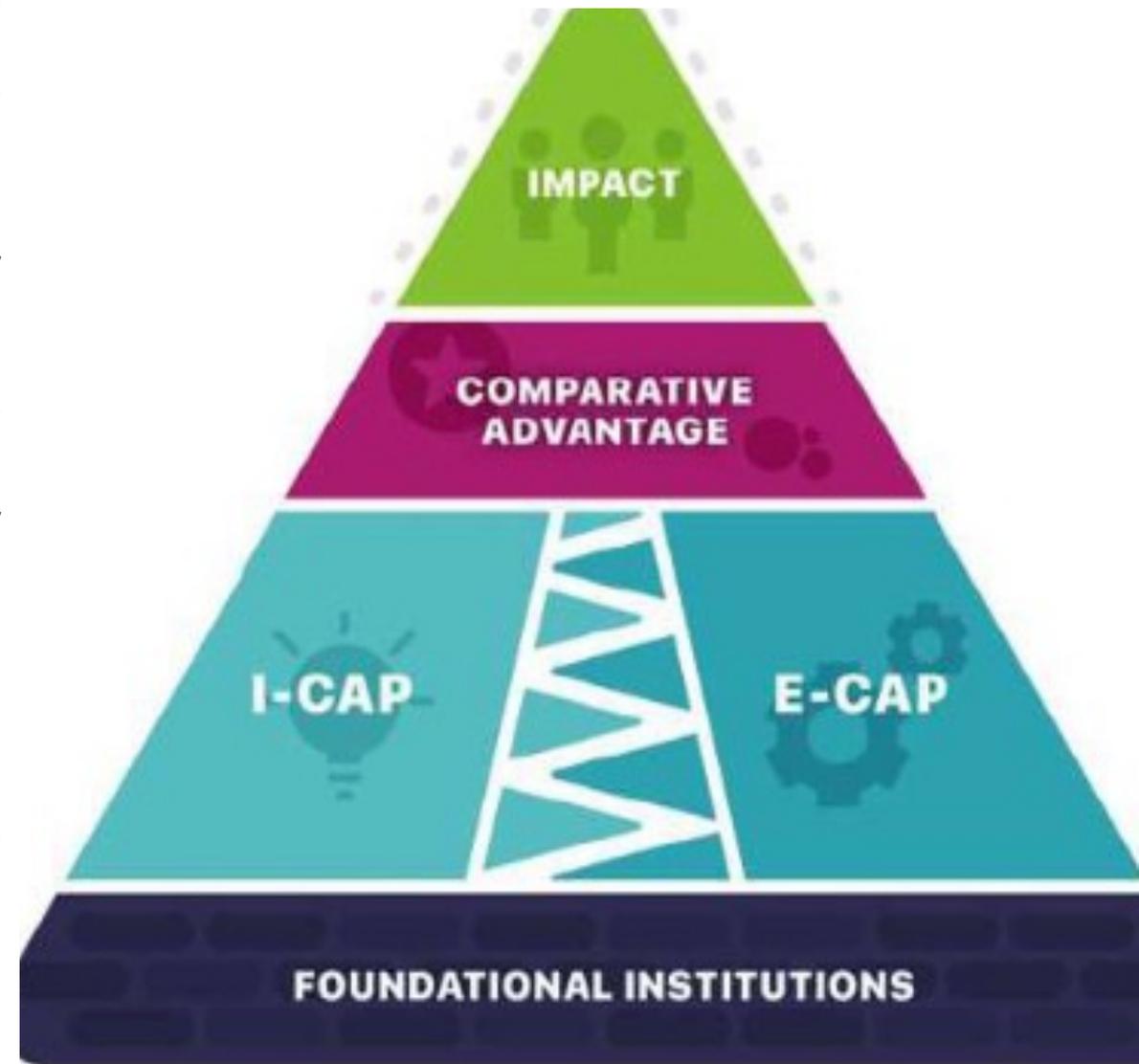
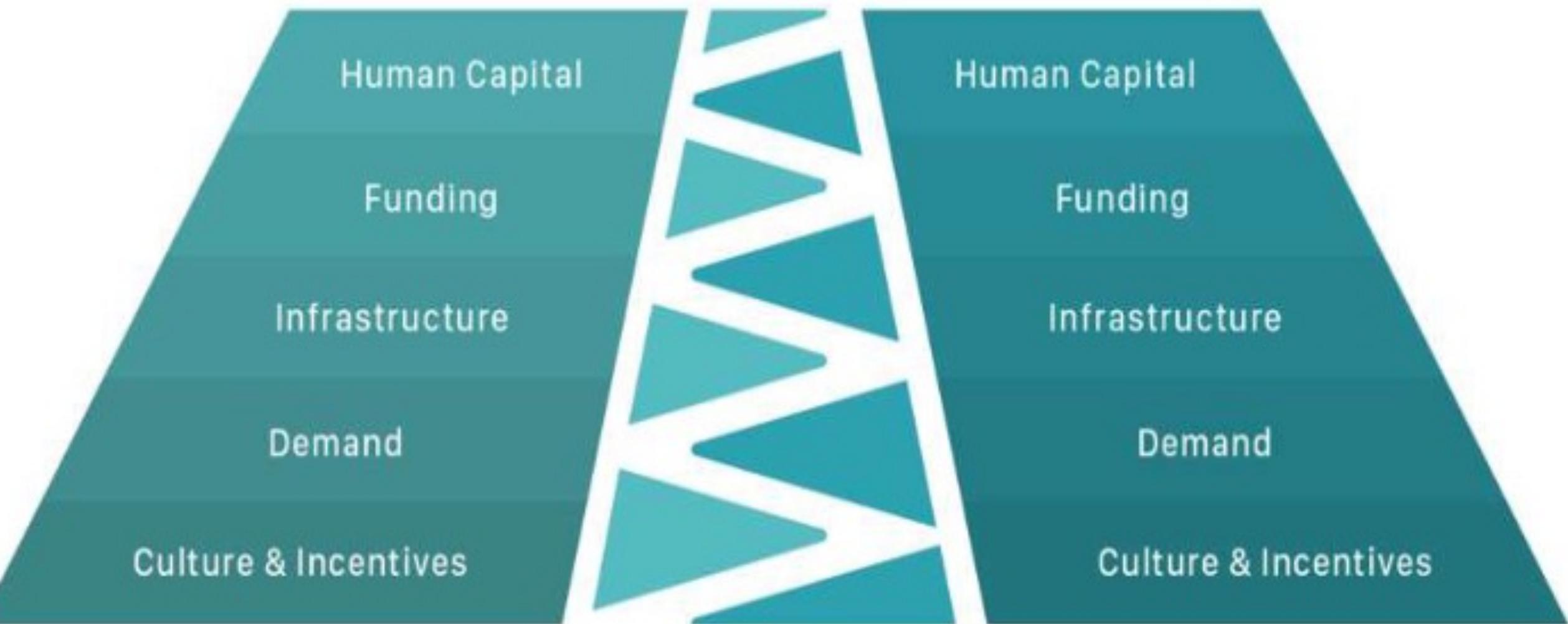


Figure 1: the 'System' for innovation-driven entrepreneurship



# I-CAP

# E-CAP



*Figure 3: MIT I-Cap and E-Cap framework*



# Measuring the 'Comparative Advantage' of Regions

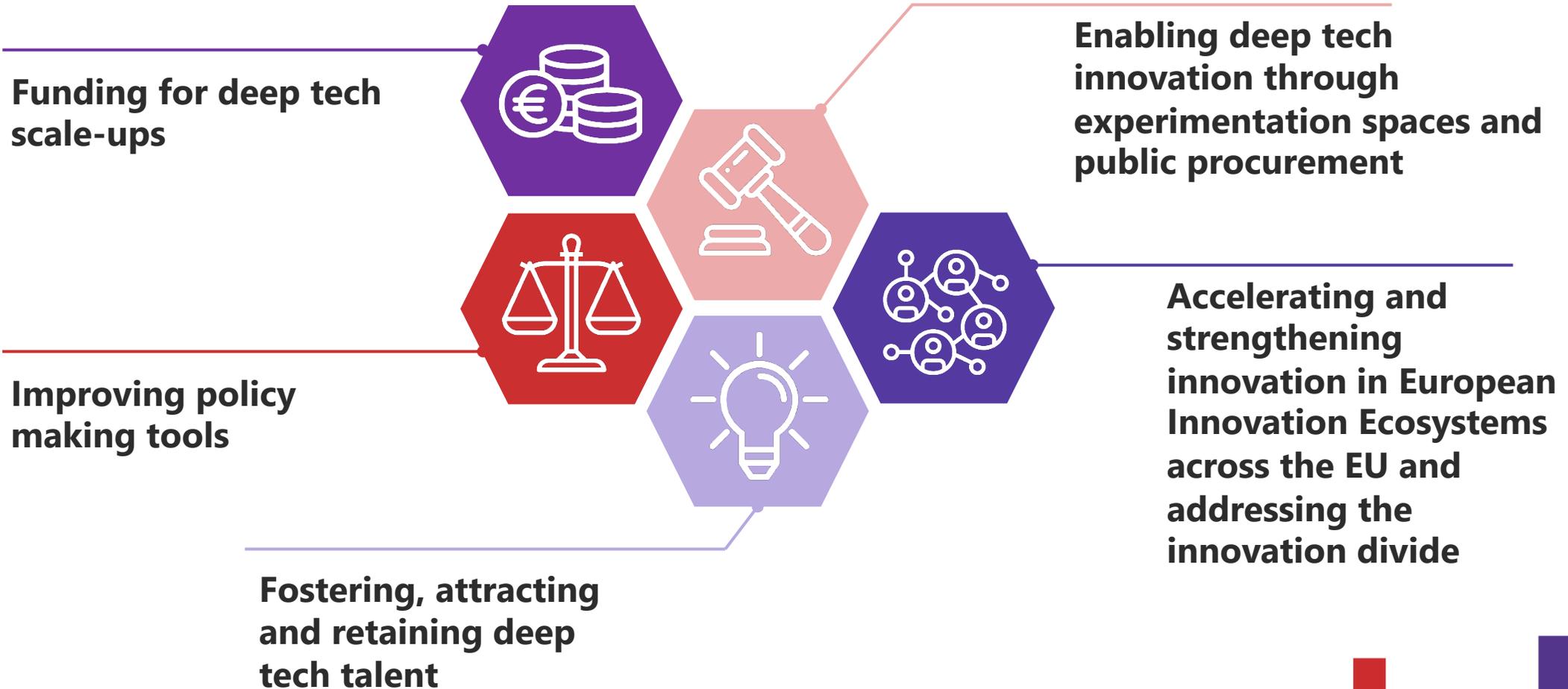
*Table 4, collection of measures and metrics*

Leading current economic clusters	Ranking the three to four strongest economic sectors or clusters in the region, with additional ranking information on the degree of competitiveness of those sectors/clusters at the international level.
Leading assets	Ranking of the three most important assets in the region e.g. physical assets.
Leading areas of expertise and talent	Ranking of the three most important areas of expertise and talent in the region e.g. AI, creative arts etc. with ranking information on the degree of competitiveness at the international level.
Critical problems/ challenges	Ranking of the three most critical challenges for the region e.g. water shortages, defense security, that might be of broader relevance to other markets.





# New European Innovation Agenda: five flagships



# New European Innovation Agenda – Funding for deep tech scale-ups

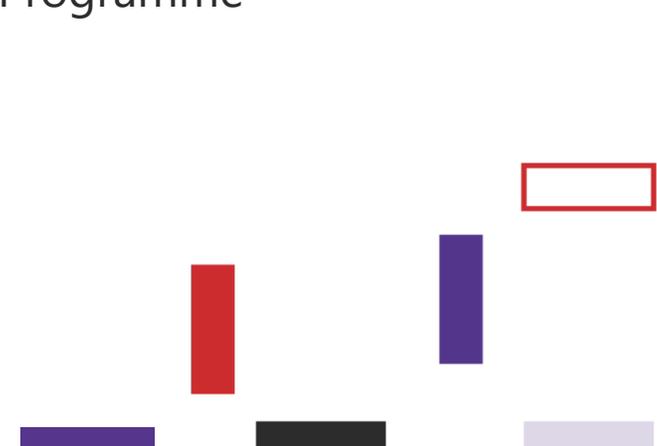


## EIC Actions

- EIC Scaleup100 goal is to identify 100 deep tech startups with scaleup potential with 50 of them coming from EIC and 50 from MS programmes.
- Project plan to start in April/May
- make sure via NCPs you will provide your input when this will be the case in first half of next year.
- EIC Corporate partnership programme and OTF is supporting the scaling up of European companies.

## Actions

1. Directive on debt-equity bias reduction allowance (DEBRA) on corporate income tax, Commission proposal.
2. Listings Act, Commission proposal
3. Expansion of the European Scale-Up Action for Risk Capital (ESCALAR) mechanism
4. EIC WP 2022 Pilot European innovation gender and diversity index
5. EIT Women2Invest Programme



# New European Innovation Agenda – Enabling deep tech innovation through experimentation spaces & public procurement

European  
Innovation  
Council



## EIC Actions

- “The Commission will also support the creation of living labs and incubators for example, to connect innovators and public administrators to provide innovative solutions in areas of public need ”
- Matchmaking services between public and private buyers and EIC top notch innovators.
- [Innobuyer](#): brings together public or private organizations (Challengers) and innovative SMEs (Solvers) to jointly co-create innovative solutions, through a lean new model of innovation procurement.
- WP2023: 3M€ CSA Support for testing EIC innovations on public and private procurers services

## Actions

1. Guidance document on Regulatory Sandboxes
2. Open innovation test bed in renewable Hydrogen
3. Launch Testing and Experimentation Facilities for testing AI innovation
4. Revised State Aid Framework for Research and Development and Innovation
5. **Launch Innovation Procurement Specialist Advisory Service**

# Innovation Procurement Programme

European  
Innovation  
Council



- **Objective:** InnoBuyer brings together big organizations (Challengers) and innovative SMEs (Solvers) to jointly co-create innovative solutions, through a lean new model of innovation procurement
- **Possible support for EIC beneficiaries:** Co-create solutions with public procurers of innovation; Develop a pilot in collaboration with a challenge proposer with coaching and funding support (65.000 EUR), in a period of 10 months
- **How can you support?** Support us to reach public procurers of innovation for them to apply to the Innovation Procurement Call for Challenges that will be published before end 2022 – all info at [InnoBuyer – Fast track to innovation procurement](#)
- The first call will be open in early February! Stay tuned!

# Accelerating & strengthening innovation in European Innovation Ecosystems & addressing the innovation divide



## EIC Actions:

- EIC BAS Ecosystem Partnerships: partner up with organizations capable of addressing highly individualized beneficiary needs that only select Ecosystem actors can help.
- Support to the EIC Accelerator by the Enterprise Europe Network" 7.3 M€ CSA. Goal: increase the number of quality proposals to EIC Accelerator calls with a specific focus in: Widening and Associated countries, Women-led innovative companies and Seal of Excellence holders

## Actions

1. Establish and connect regional deep tech innovation valleys
2. Commission notice on synergies between Horizon Europe and European Regional Development Fund programme
3. Double the number of Hydrogen Valleys
4. Establish Innospace – one stop shop for innovation ecosystems' players
5. Launch Scaleup 100

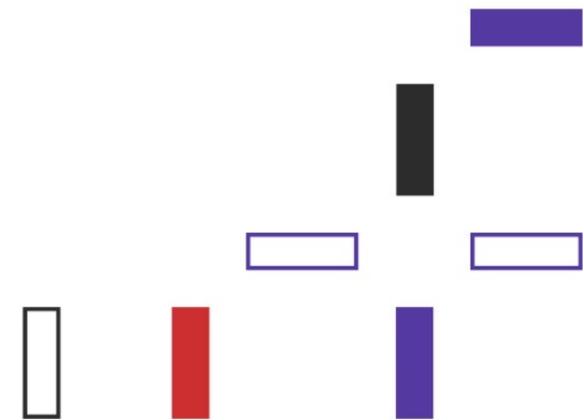
# Conditions for Coordination and Support Actions (CSA)



- **Who:** The winning consortium acts as “Coordination Office”. The consortia includes 5 members: APRE, BPI France, Lithuanian Innovation Centre, Praxi, Steinbeis Europa Zentrum.
- **When: 1<sup>st</sup> of September – 3 years implementation period.**
- **How:** Implementation by EEN local nodes who answer calls for expression of interest and are selected.
- **Where:** : EU 27 MS + Horizon Europe 3<sup>rd</sup> Pillar Associated Countries.
- **ACTION 1:** Increase the number of quality proposals to the EIC calls from
  - **1.A in widening and associated countries** - 300-400 per ye;
  - **1.B from women-led companies** (in all countries) - 600-800 per year
- **ACTION 2:** Assist Seal of Excellence (SoE) holders in accessing public or private funding in all MSs;
- **ACTION 3:** Exchange of best practice in the EEN;
- The activities for SMEs should include a package of 3-5 day service package of 1-to-1- advice and support in strengthening business, inovation and partnering strategies.



# Ecosystem partnerships



# New European Innovation Agenda - Fostering, attracting & retaining talents



## EIC Actions:

- Launch of an innovation intern scheme in the third quarter of 2023, to create opportunities for over 600 researchers and EIT labelled students and graduates to gain an innovation experience in successful EIC and EIT companies.

## Actions

1. Launch EIT deep tech talent initiative
- 2. Launch innovation intern scheme**
3. Launch an EU Talent Pool to help businesses, including startups, find non-EU talents
4. Establish Women Entrepreneurship and Leadership scheme
5. Best practice exchange on startup employees' stock options
6. Education and Innovation practice community
7. Launch Erasmus+ Alliances for Innovation
8. Launch Digital Europe call to train experts in future-oriented fields



# A new internship scheme

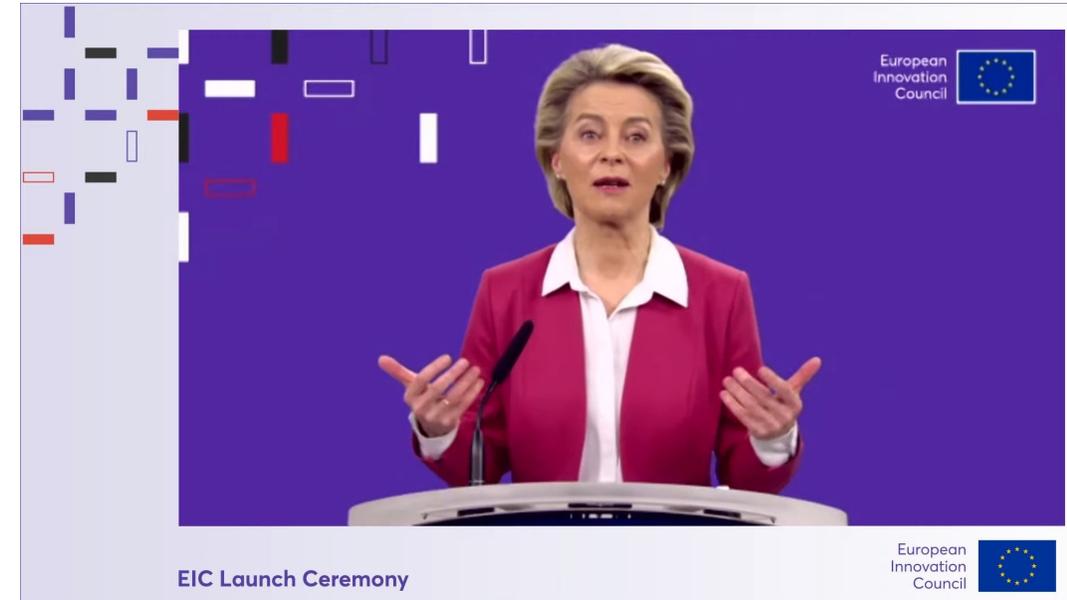
- To allow eligible **researchers** (from Pathfinder, ERC, MSCA, RI) to carry out an innovation **internship** in a **hosting company** (EIC, EIT) for 3-6 months:
  - **Deep tech research talents** (3-6 months) dedicated to highly specialised work on specific project, requested by the hosting company. This component is expected to attract the interest mostly of **ERC, EIC Pathfinder, MSCA fellows** along with EIT supported postdocs/doctoral candidates;
  - **Aspiring innovators** (up to 6 months) dedicated to more generic work in the host organisation. This component is expected to attract the interest mostly of **EIT students and graduates**;





# The need for Transition Activities

- Europe is extremely good at generating ideas and visions of breakthrough tech.
- But it is not very successful at pushing these ideas into concrete innovations into market.
- “The new European Innovation Council is there to help resolve this paradox,”
- EIC: from idea to market
- Transition is filling the gap between PT-Acc



“We, Europeans, are excellent at making science with money. But we are not so good at making money out of science,”

# EIC Transition Open and Challenges 2023



## Why EIC Transition?

Support novel technologies  
from TRL 3-4 to TRL 5-6

Commercialisation support

The Open funding support

Challenges: predefined  
thematic priorities (project  
portfolios)

## Who can apply?

Pathfinder & H2020 FET

FET ERA NETs

EDF (PADR)

Challenges: Low TRL H2020

ERC PoC

## Financial contribution

**€0.5 - 2.5 mil**

Booster grants up to  
**€50k**  
for extra activities

*\*Started 12 months before or ended less than 24 months after the call deadline*

# EIC Transition supports different pathways...

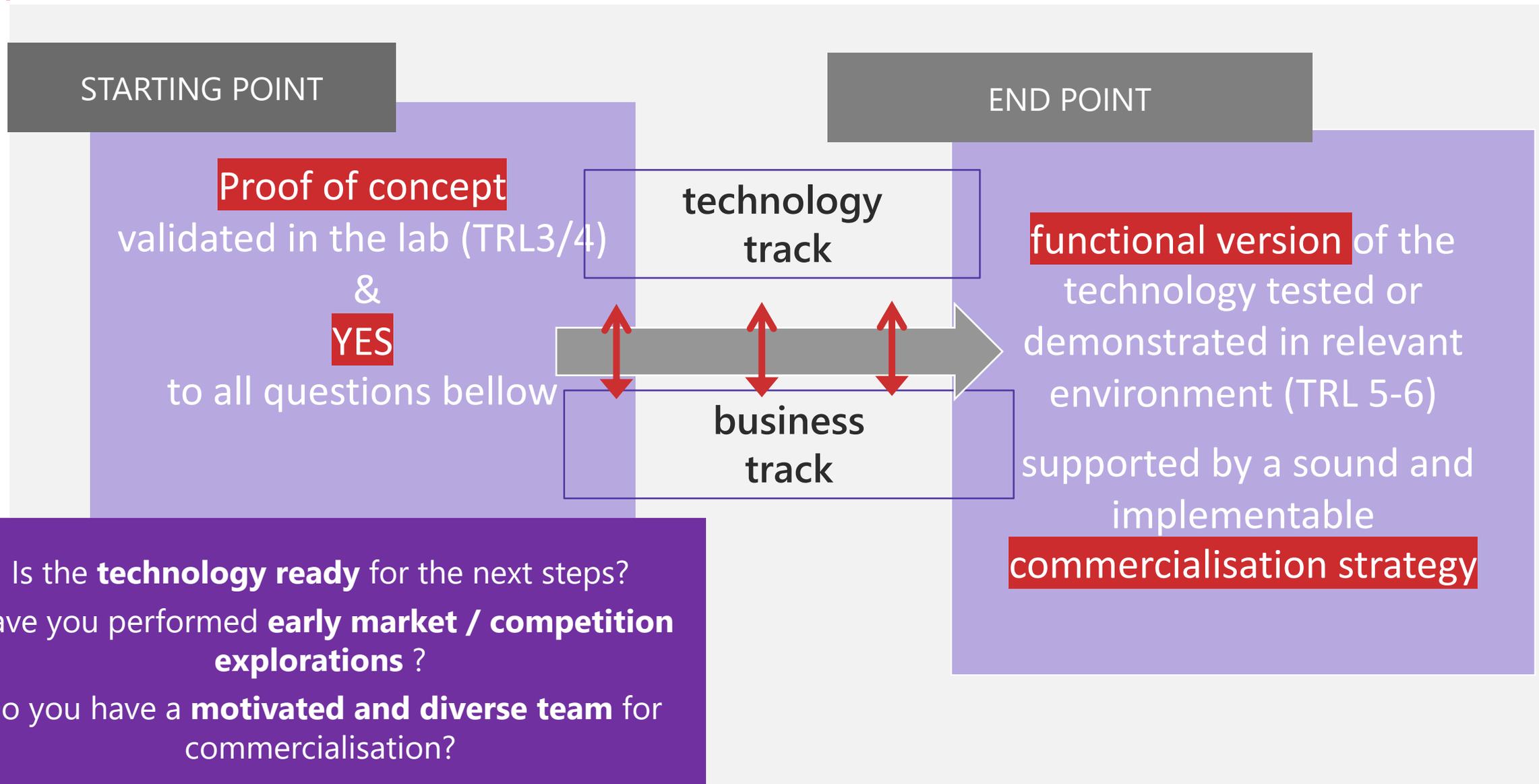


**A 'Transition to Technology'** for collaborative project **to further develop strategic and high impact technology** up to TRL 5/6. This may require a multi beneficiary approach (e.g. SMEs, RTOs and potential users / customers).

**A 'Transition to Market'** for project **led by an SME/Start-up that identifies an opportunity** in the research results towards a specific market application. It may require, or lead to, a **license agreement** with the SME.

**A 'Transition to Entrepreneurship'** for project driven by **entrepreneurial researchers** to turn research results into a viable product **by looking for a suitable business model and creating spin off company.**

# Core elements of a good proposal





# Thank you !

@EUeic

#Eueic

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