



European
eic INNOVATION
Council BETA

EMPOWERING EUROPEAN INNOVATORS

**Information Technology and
Innovation Foundation (ITIF)**

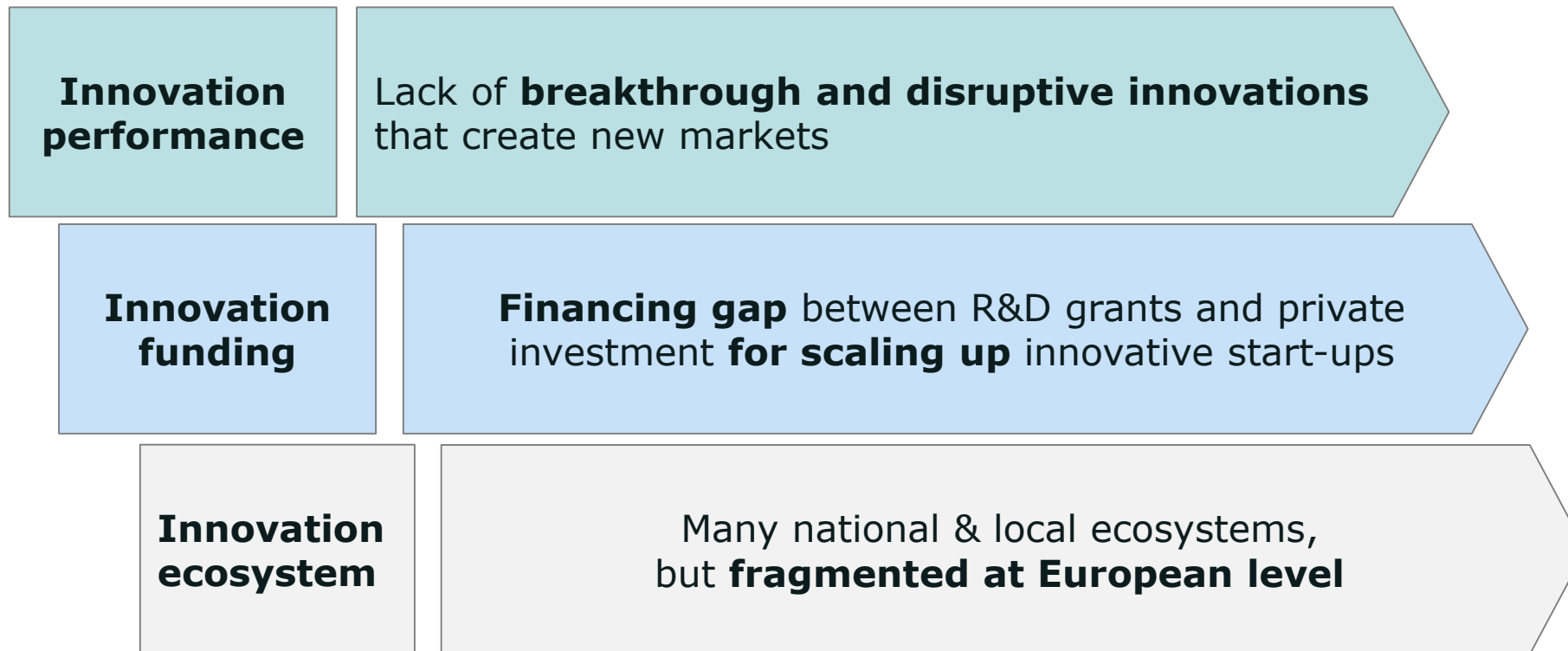
**Washington DC
14 January 2020**

**Signe Ratso
Deputy Director-General
DG Research & Innovation**

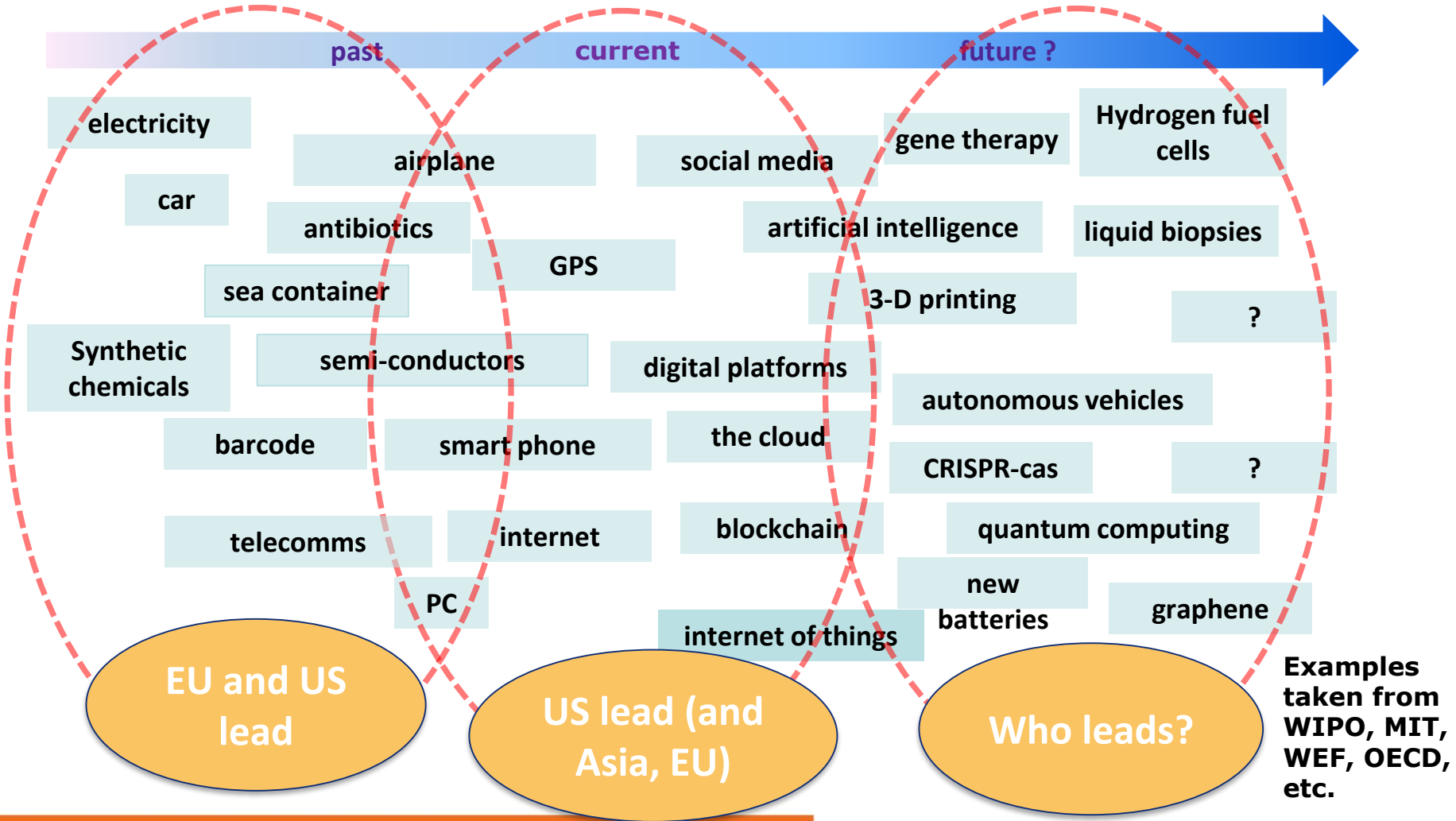
*Research and
Innovation*



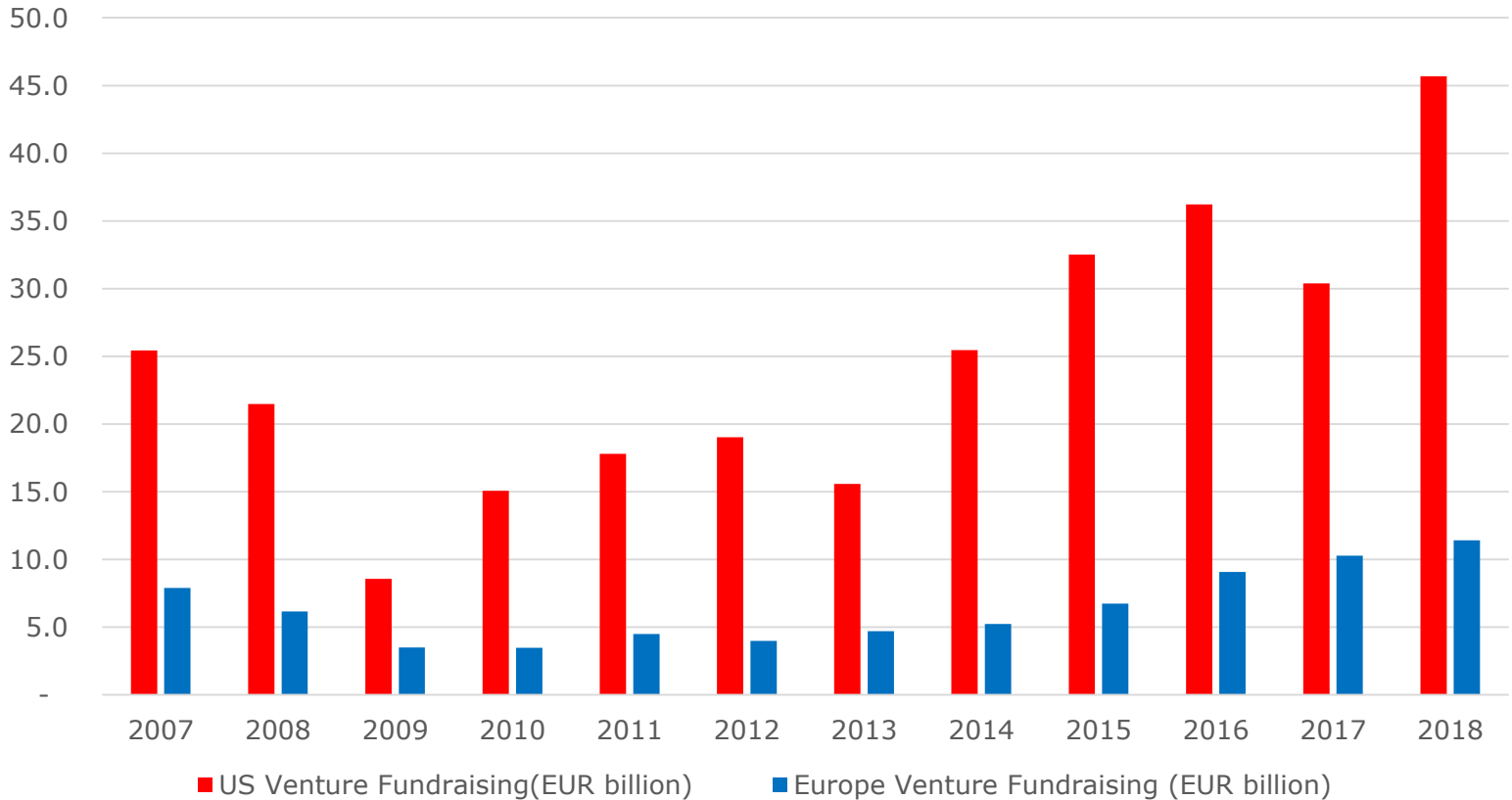
What's holding back European innovation



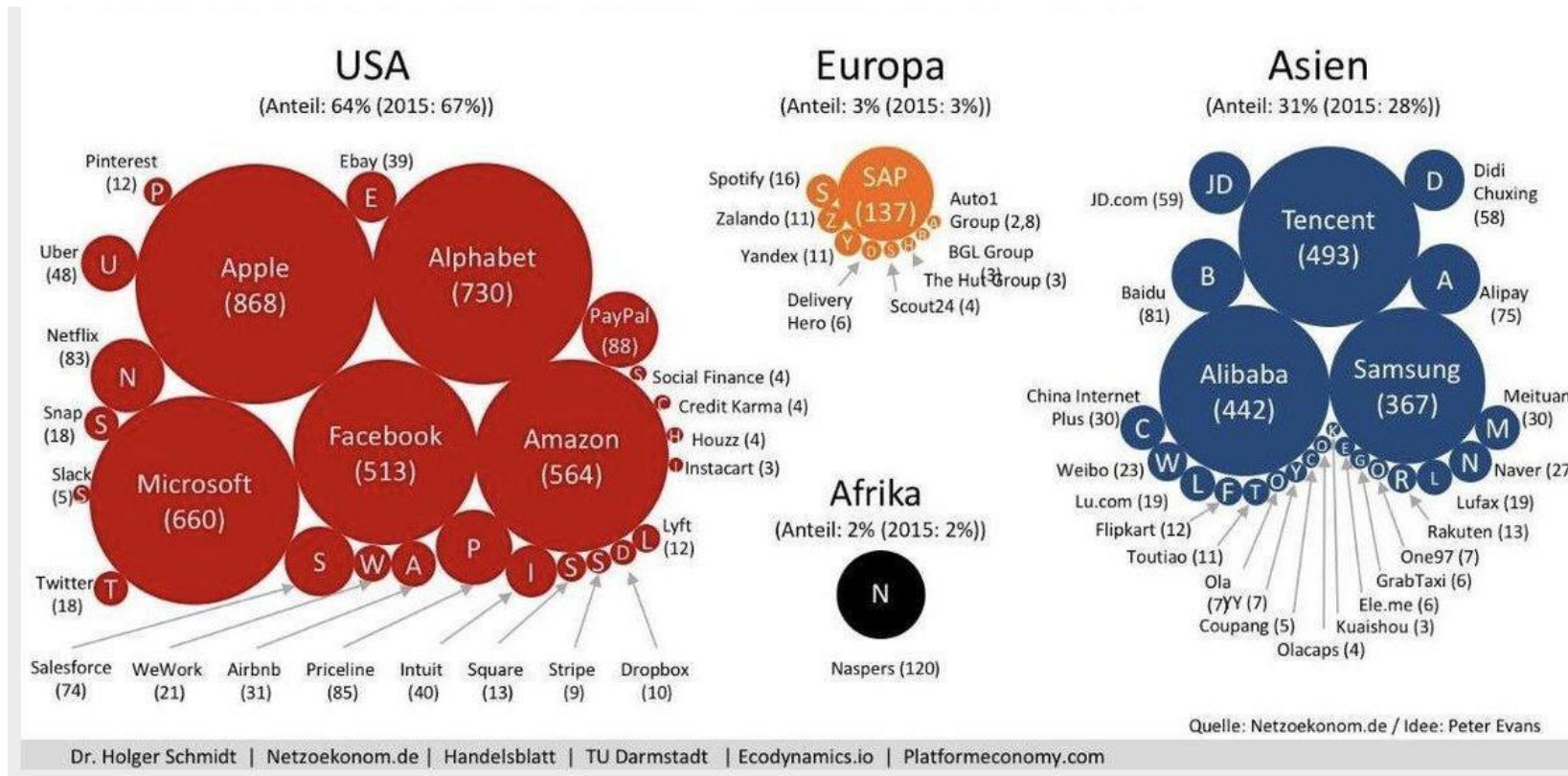
Who will lead the next wave of breakthrough and disruptive innovation?



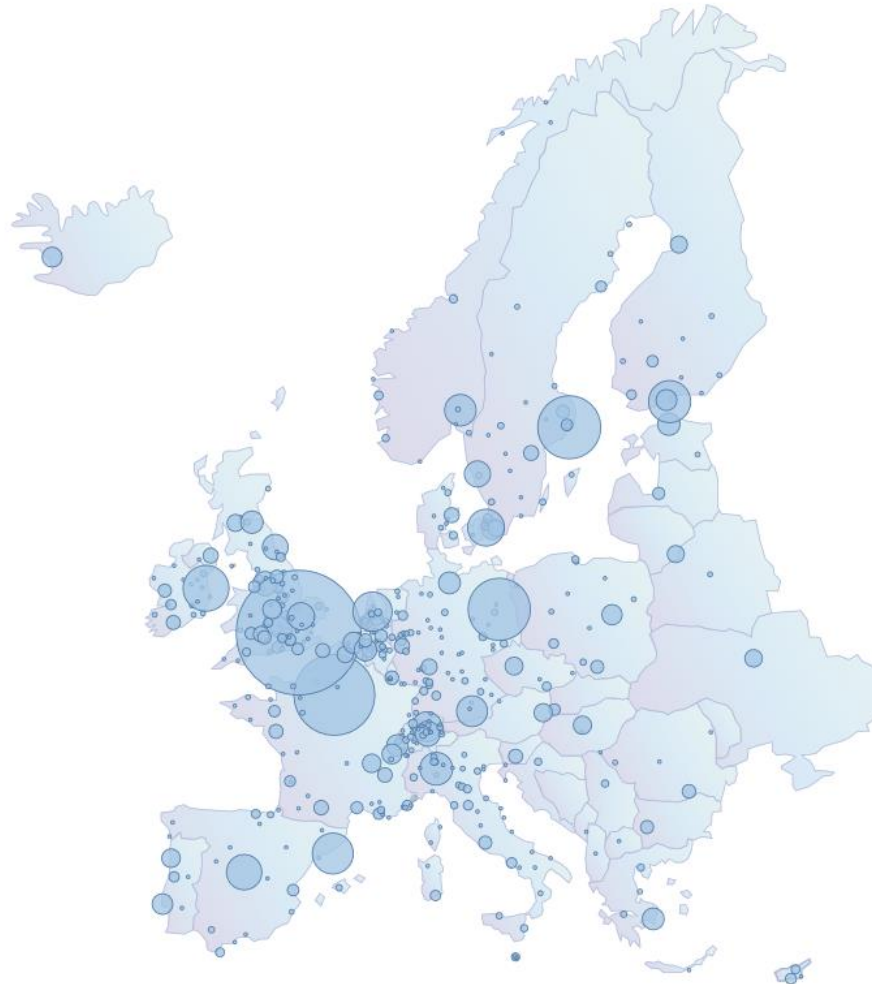
Financing gap: venture capital fundraising US vs EU



Global Fast-growing Innovative Companies



European tech ecosystems are rich, but can only reach their full potential if better interconnected



Map of the 476 European cities with at least one scale-up company, Startup Europe "Startup City Hubs in Europe" 2018 report



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The EIC story

"Europe does not yet have a world-class scheme to support the very best innovations in the way that the European Research Council is the global reference for supporting excellent science. So I would like us to take stock of the various schemes to support innovation and SMEs under Horizon 2020, to look at best practice internationally, and to design a new European Innovation Council."

Carlos Moedas, European Commissioner for Science & Innovation, June 2015

Research and
Innovation



Designed together with leading innovators

Workshop in Brussels, February 2019

- Participation of MIT and (D)ARPA experts
- Sharing of good practices on managerial processes

EIC and ARPA Model

- A core focus on high-risk high-reward concept development and demonstration for radical innovation
- Gain leadership in market creating innovation
- Proactive approach with Programme Managers

Programme Managers training in the United States

- The aim is to prepare PMs for their mission by consolidating and building on established good practices by our US counterparts
- Training to be held during 2020 in Brussels (EIC Task Force), Boston (MIT), Washington DC and Arlington, Virginia (ARPA-E and DARPA)

Designed together with leading innovators

Accelerating breakthrough innovation report, January 2018



Nicklas Bergman



Martin Bruncko



Paddy Cosgrave



Gráinne Dwyer



Hermann Hauser



Marjolein Helder



Taavet Hinrikus



Ingmar Hoerr



Bindi Karia



Jana Kolar



Carlos Oliveira



Jim Hagemann Snabe



Kinga Stanislawska



Constantijn
van Oranje



Roxanne Varza

Encouraged by EU leaders

"We will only succeed if we are the ones creating, developing and producing new technologies.

That is why we need a strong EU commitment to disruptive innovation within the framework of the European Innovation Council.

The goal is to support very high risk deep tech projects at the European level."

A Franco-German Manifesto for a European industrial policy fit for the 21st century, February 2019



One-stop shop for breakthrough & disruptive innovators

Open to all innovators, in any field, at any time

Highest potential innovators selected on basis of ideas and team

Agile funding from idea to investment

Pathfinder grants for advanced research on emerging technologies

Accelerator funding for innovative start-ups (<€2.5 million grant, <€15 million equity)

Crowding in private investment (VC, Invest EU)

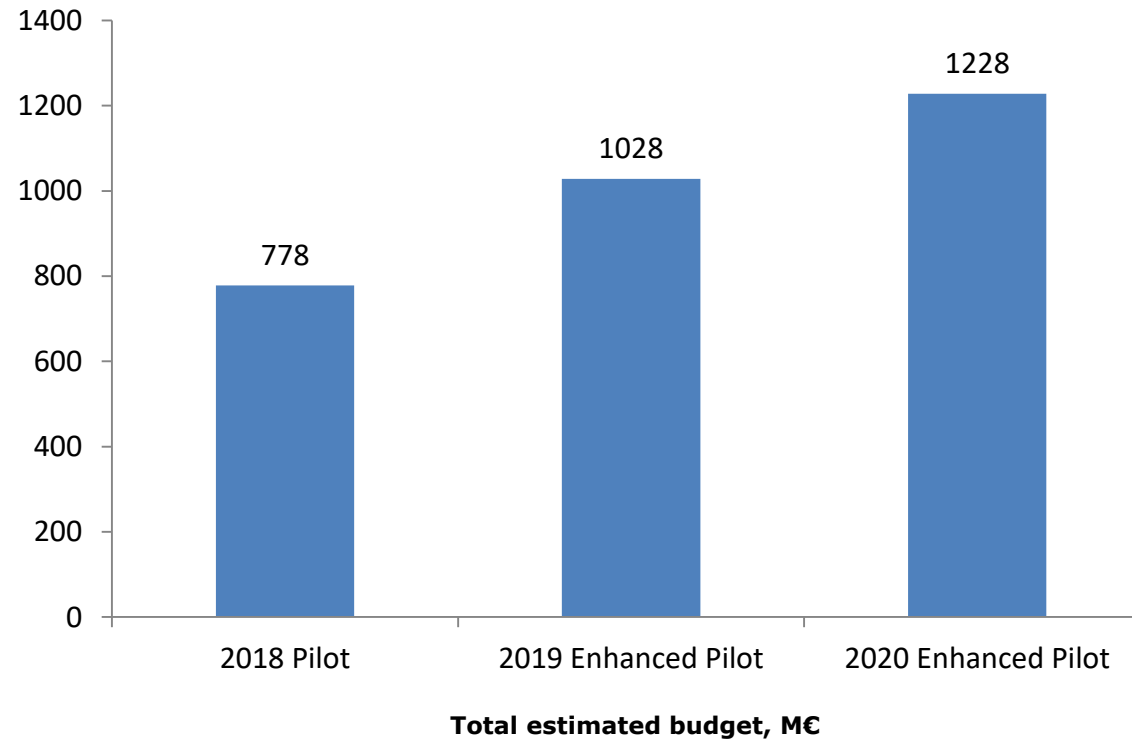
Building ecosystems and communities

Access to mentoring and advisory services and to knowledge partners (e.g. EIT)

Expert Programme Managers to engage with projects and communities

Prizes for breakthrough technologies

Tested under Horizon 2020, fully incorporated in Horizon Europe



First phase launched in 2018

- ✓ Bringing together relevant Horizon 2020 schemes in one place (*SME instrument, Fast Track to Innovation, FET Open, Prizes*)
 - ✓ Introduction of open support for Start-ups and SMEs (no predefined themes)
 - ✓ Introduction of interviews with experienced innovators to select SMEs for funding
 - ✓ Launch of major prizes for breakthrough innovations, e.g low cost space launcher (€10 million prize); artificial photosynthesis (€5 million prize)
-
- ⇒ 6000 applications received by start-ups or SMEs (*for SME phase 2 grants*)
 - ⇒ Majority combining different fields: *digital, energy, manufacturing, health, etc.*
 - ⇒ 520 interviewed & 250 awarded funding (*budget €450 million*)
 - ⇒ Fast process (*grant awarded in under 4 months*)
 - ⇒ Total budget in 2018 of €778 million *for all EIC pilot actions*

Second phase launched in 2019

- **Increased budget of €2.2 billion** (€1.0bn in 2019; €1.2bn in 2020)
- **Introduction of pilot pathfinder** with 6 strategic emerging technologies targeted (human-centric AI, novel medical devices, zero-emission energy generation, etc)
- **Introduction of pilot accelerator** with option to apply for blended finance (combined grant and equity)
- **New EIC Advisory Board** to bring in leading innovators for ongoing design & implementation
- **First EIC programme managers** recruited to actively engage with pathfinder projects
- **Blended Finance** first 39 blended finance projects selected



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 Entrepreneur, Science
 Foundation Ireland



VICE-CHAIR
Hermann Hauser
 Co-founder of Amadeus
 Capital Partners



Kerstin Bock
 CEO of
 Openers



Jo Bury
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 Biotechnology



Dermot Diamond
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 CEO at INRIA



**Kinga
 Stanislawska**
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 Partner and
 Founder of
 Experior
 Venture Fund



**Roberto
 Verganti**
 Innovation
 academic,
 former RISE
 group



Martin Villig
 Co-founder of
 Bolt (formerly
 Taxify)



Yusef Yousef
 CEO of LG Sonic

EIC under Horizon Europe (2021-2027)

- **Proposed budget of €10 billion**
- **Dedicated governance with EIC President and Advisory board**
- **More flexible rules for funding** (ability to stop or reorient, links to Invest EU) with increased role for expert **programme managers**
- **Full accelerator** funding with both grant and blended finance
- **Full pathfinder scheme** for grants in advanced research and transition activities
- **Fast track access** for Horizon grant holders (incl. European Research Council) and certified national schemes
- **Creation of EIC Forum** with Member States innovation agencies



Find out more

ec.europa.eu/research/eic

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