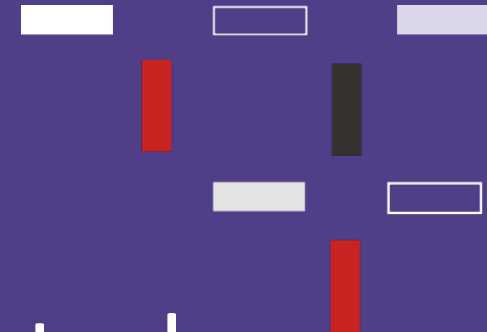
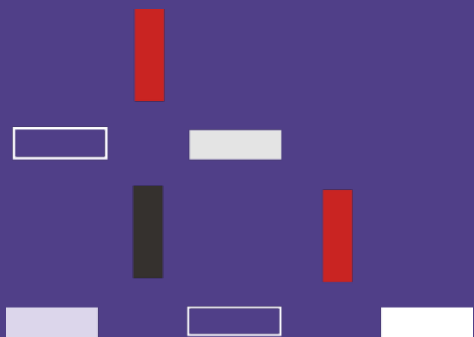
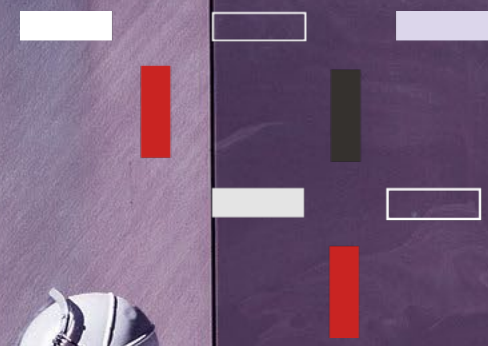


Getting on track, how Lithuanian deep-tech could hop on the EIC Instruments

Dr. Michiel Scheffer, President of the Board of the EIC

European
Innovation
Council





BACKING *VISIONARY* ENTREPRENEURS



What's holding back EUROPEAN INNOVATION?



PERFORMANCE

- Strong research performance *not translated into innovation*
- *Lack of breakthrough / disruptive innovations* that create new markets



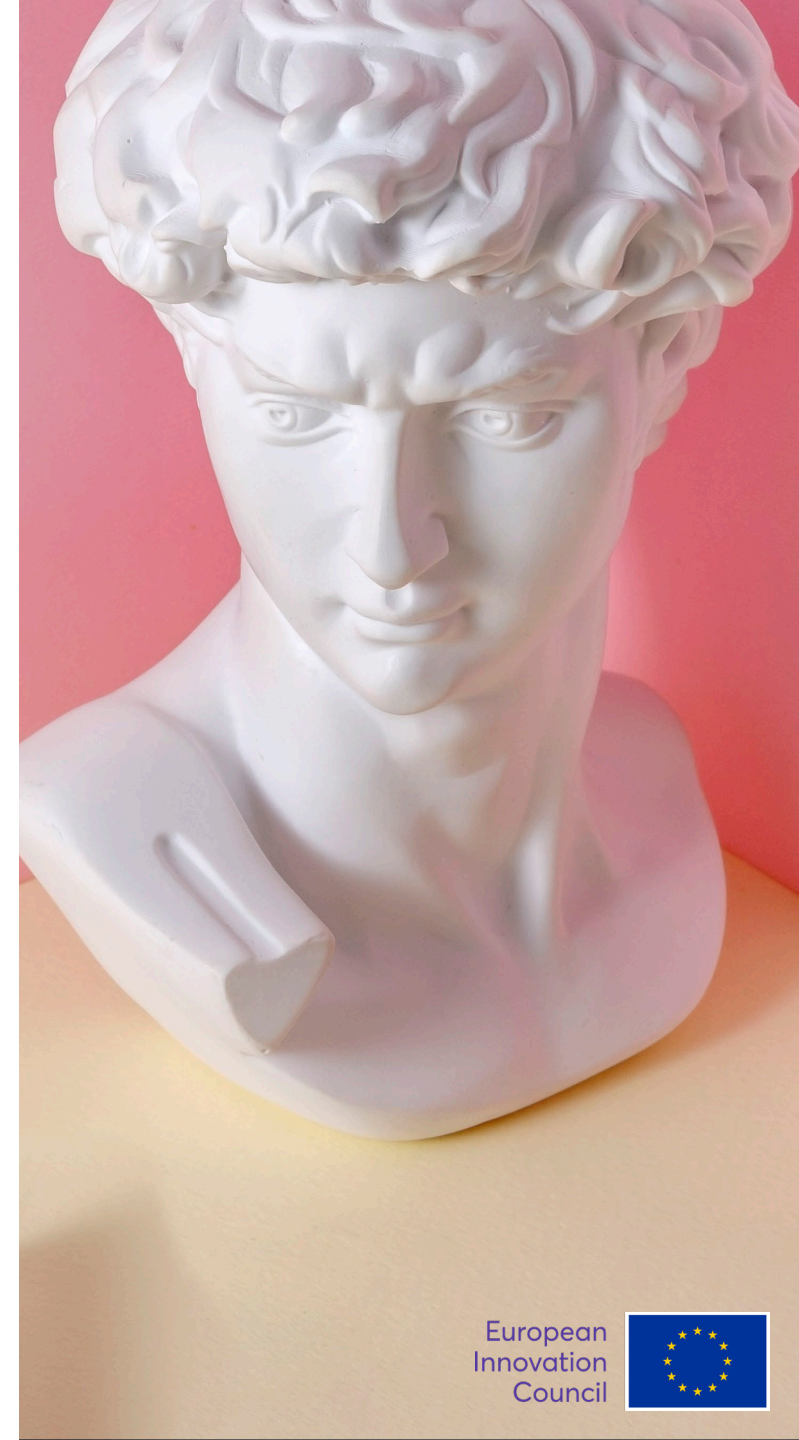
FUNDING & INVESTMENT

- Financing gaps
- 2 “valleys of death”
 - In Transition from lab to enterprise
 - Scaling up for high-risk innovative start-ups

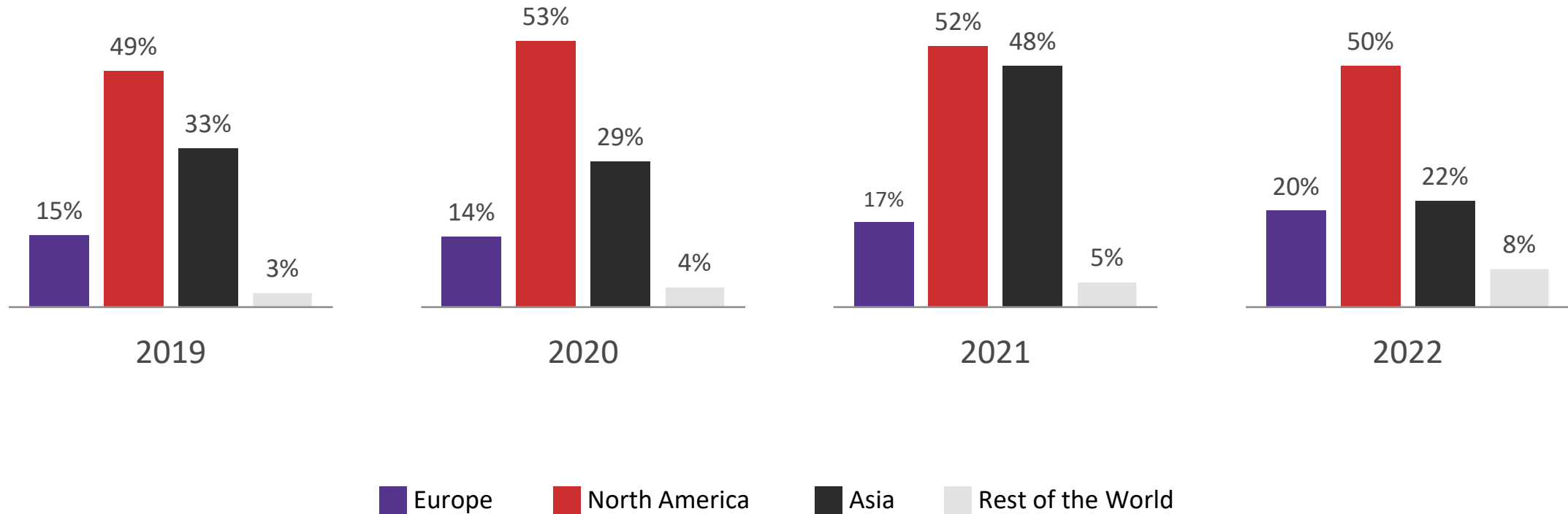


ECOSYSTEM

- Many national & local ecosystems, but fragmented at European level
- Need to include all regions and all talent (especially female)



US Venture Capital Investments 4-5 TIMES HIGHER THAN EU





“You never run as fast as when you have other people to catch up and pass.”



Who will lead the next STRATEGIC INNOVATIONS?

PAST

EU & US LEAD

Electricity, Car, Synthetic, Chemicals, Barcode, Telecoms, Airplane, Antibiotics, Sea Container, Semi-conductors, PC

PRESENT

EU & ASIA LEAD

GPS, Smart phone, Internet, Social media Artificial Intelligence, 3D Printing, Digital Platforms, The Cloud, Blockchain, Internet of Things

FUTURE

Next Leaders ?

Agrifood, Artificial Intelligence, Cancer treatment & companion diagnostics, Cell and gene therapies, Energy storage technologies, Environment Tech, Hydrogen, Neurotech, New Space technologies, Quantum technologies, Semiconductors & sustainable electronics, Transport & Mobility

The Innovation Pillar of HORIZON EUROPE

01. European Innovation Council
Support to innovations with breakthrough and market creating potential.

02. European Institute
of Innovation & Technology

Bringing key actors (research, education and business) together around a common goal for nurturing innovation

03. European Innovation Ecosystems

Connecting with regional and national innovation actors

€10.1
BILLION

€2.9
BILLION

€520
MILLION

What makes *EIC UNIQUE*?



01. A European DARPA

- Focus on **disruptive** high risk breakthrough technologies
- **Innovator friendly**: flexibility to apply at any time with a short pitch (video pitch, slide deck, 5 page form)
- **EIC “Program Managers”** to develop visions, proactively manage projects, steer portfolios (based on experience of US DARPA, ARPA-E, BARDA, etc.)

02. EU Unicorn Factory

- Focus on **high risk**, disruptive startups & SMEs with scale up potential
- **EIC Fund set to become largest early stage** VC investor in Europe, crowding in other investors.
- **Flexible follow up funding** (“Transition”) to create business opportunities out of research results.

03. An upgraded Innovation Community

- **EIC Community** a box full of exciting business acceleration services and an extensive innovation ecosystem is waiting for EIC beneficiary
- **EIC Forum** bringing together innovation ecosystem actors from across Europe
- **Horizon Europe “innovation ecosystems” program** to support networking and joint initiatives between ecosystem actors
- **Partnerships** with European Institute of Innovation & Technology (EIT), European Research Council (ERC) and others.



EIC IMPACTS (From 2022)

CROWDING IN OTHER INVESTMENTS

- **€ 10 billion** follow up investments to EIC supported companies
- Leverage effect: 2.6 times private co-investment on EIC Fund investments
- **12 unicorns** - value € 1 billion+
- **112 centaurs** - value € 100 million+

ADDRESSING SUSTAINABLE DEVELOPMENT GOALS

- Main thematic in:
 - ✓ **Green Deal**
 - ✓ **Digital**
 - ✓ **Health**

GROWING SUPPORT TO STARTUPS & SMEs

- **1600** supported since 2014
- **410** selected for blended finance with **€ 2.18 billion** equity proposed
- Increase in startups with female CEOs

A PIPELINE OF BREAKTHROUGH TECHNOLOGIES

- **400** research projects
- **800** innovations tracked
- **Pilot of Transition funding** to follow up research results into applications



EIC Board

ROLE TO ADVISE:

- EIC strategy

DIVERSE EXPERTISE:

- Entrepreneurs, investors, researchers, innovation ecosystem
- Gender balance (parity), geographic balance (20 nationalities)



EIC Proactive Management

- Strategic assessment and clustering of projects
- Building of **portfolios** based on strategic intelligence
- Portfolio management (**scientific and business advice**)
- **IP management** advice (in collaboration with the technology transfer offices)





Iordanis Arzimanoglou
Biotechnology & Health

Enric Claverol-Tinturé
MedTech & Medical Devices

Francesco Matteucci
Materials for Energy & Environment

Antonio Marco Pantaleo
Energy Systems

Stella Tkatchova
Space systems & technologies

Samira Nik
Quantum tech & electronics

Franc Mouwen
Architecture engineering construction technologies

Ivan Stefanic
Food chain technologies, novel & sustainable food

Isabel Obieta
Responsible electronics

Carina Faber
Renewable energy conversion & alternative resource exploitation

**EIC
PROGRAMME
MANAGERS**





EIC GOVERNANCE

EIC Board & President

- To advice on strategy & implementation

European Commission

- To define strategy, adopt the Work Programme & appoint the EIC board

EISMEA

- Implementation of EIC, hosting EIC programme managers

EIB & AIFM

- To manage EIC fund equity investments



Lithuania's participation in the EIC



- **46 projects**
- **€34 million awarded**
- **Sectors: Health, ICT, satellite, transport, agri food, etc.**

Pathfinder

- **Pathfinder Open** - 9 projects - €4.2M
- **Pathfinder Challenges** - 2 projects - €1.9M

Accelerator

- **SME Instrument Phase1** - 30 projects (€1.5M grants for business plan or feasibility study)
- **Full EIC projects** – 5 projects (€9M in grants and €17.5M in equity for technology development and market scale-up)



Thank You

*FOR MORE INFORMATION,
CONTACT US:*

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