

# Horizon Europe Info Day

Funding Opportunities  
for Switzerland



# *Swiss Participation to disruptive innovative projects*





# Horizon Europe – 9<sup>th</sup> Framework Programme for R&I

Excellent Science

Pillar 1

Global Challenges +  
European Industrial  
Competitiveness

Pillar 2

Innovative Europe

Pillar 3

Widening Participation and Strengthening the European Research Area

# A Zoo of Acronyms

**EIC**

European  
Innovation  
Council

**EIE**

European  
Innovation  
Ecosystem

**EIT**

European  
Institute of  
Innovation &  
Technology

Collaborative projects targeting  
disruptive innovations (energy, ...)



# *EIC – European Innovation Council*



# EIC Work Programme

- Pathfinder, Open and Challenges
- Transition, Open and Challenges
- Accelerator, Open and Challenges
- Recognition Prizes

*European Commission Decision C(2022) 701 of 7 February 2022*

## European Innovation Council (EIC) Work Programme 2022

European  
Innovation  
Council



European Innovation Council (EIC) established by the European Commission, under the Horizon Europe programme (2021-27)

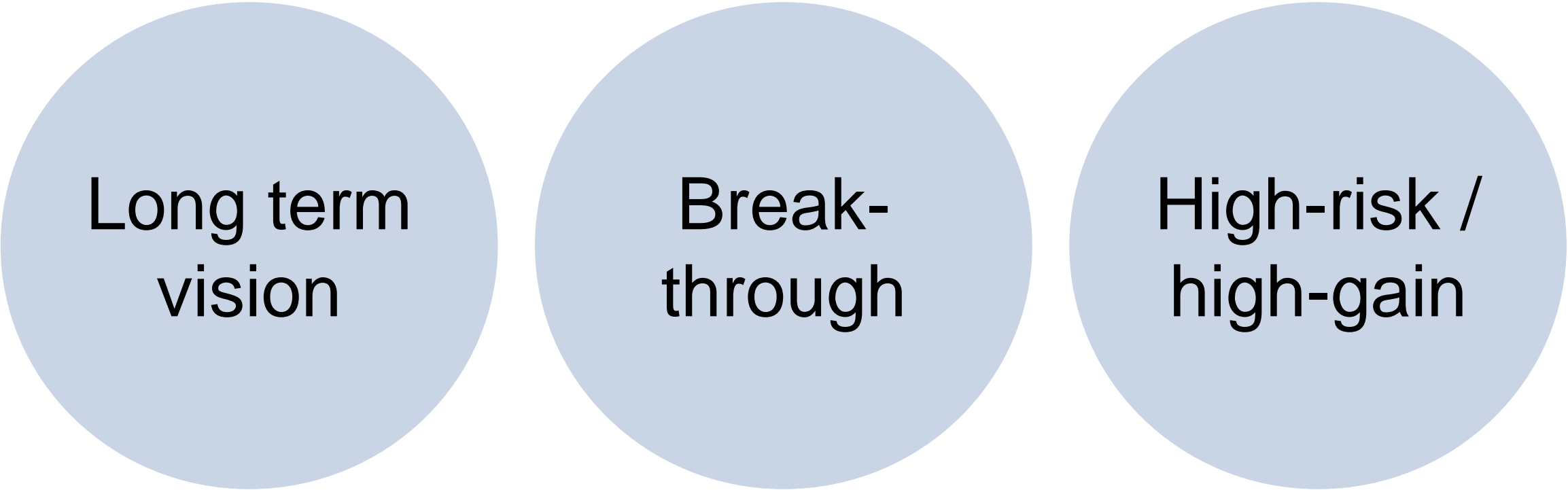
# EIC Pathfinder Open and EIC Pathfinder Challenges

## **Pathfinder (TRL 1-4)**

- For Consortia**
- Early stage research on breakthrough technologies**
- Grants up to EUR 3 / 4 million**



# Pathfinder Gatekeepers



Long term  
vision

Break-  
through

High-risk /  
high-gain

# EIC Pathfinder Challenges

- Carbon dioxide and Nitrogen management and valorisation
- Mid to long term and systems integrated energy storage
- Cardiogenomics
- Towards the Healthcare Continuum: technologies to support a radical shift from episodic to continuous healthcare
- DNA-based digital data storage
- Alternative approaches to Quantum Information Processing, Communication, and Sensing

# EIC Transition Open and EIC Transition Challenges

## Transition (TRL 4-6)

- **For consortia and single entities**
- Technology maturation from proof of concept to validation
- **Grants up to EUR 2.5 million**
- Proposals must build on results from eligible EIC Pathfinder, FET or ERC Proof of Concept projects

# EIC Transition Challenges

- Green digital devices for the future
- Process and system integration of clean energy technologies
- RNA-based therapies and diagnostics for complex or rare genetic diseases

# EIC Accelerator

- The EIC Accelerator (TRL > 5) is currently not accessible for Swiss SMEs.
- As a transitional measure the Swiss Accelerator was introduced by Innosuisse.
- On 10 May 2022, 753 short applications were submitted.
- About 40 companies will receive up to CHF 2.5 million.



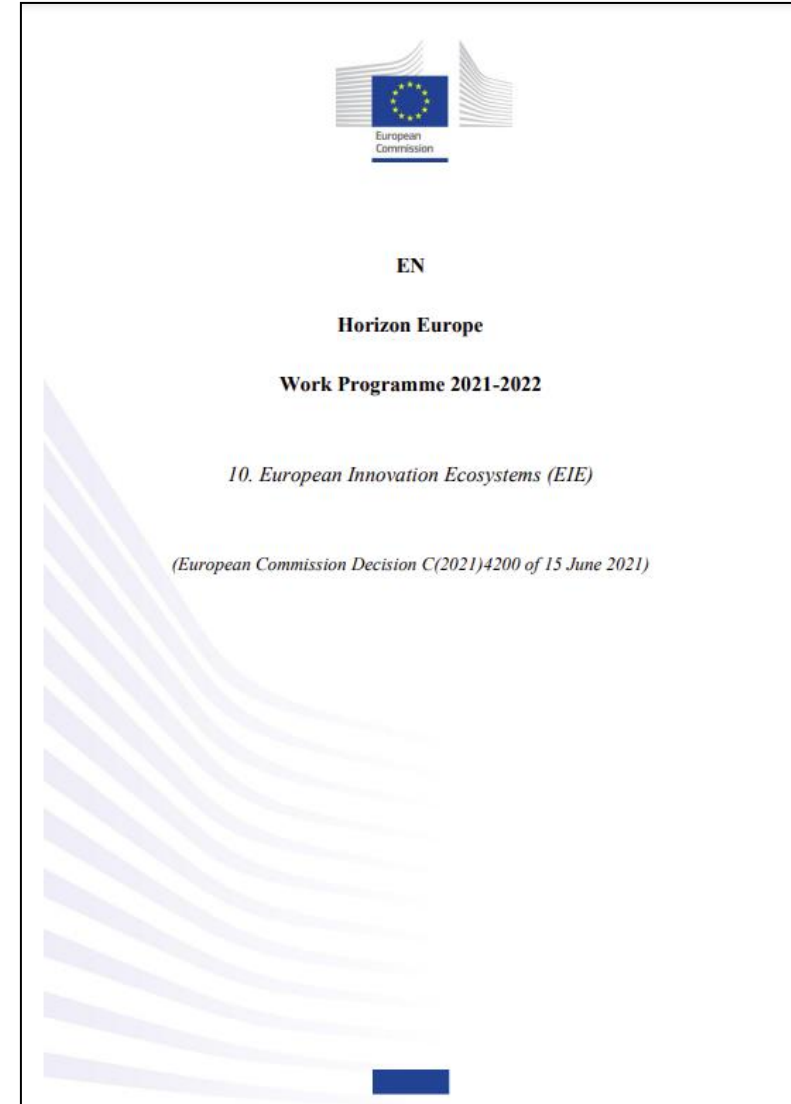
# *European Innovation Ecosystem (EIE)*

# European Innovation Ecosystem (EIE)

## Destinations:

**CONNECT**: focus on building ecosystems across Europe

**SCALEUP**: focus on reinforcing network connectivity within innovation ecosystems







# *European Institute of Technology & Innovation (EIT)*

# European Institute of Innovation & Technology (EIT)

- The EIT brings together leading **business, education** and **research organisations** to form dynamic cross-border partnerships.
- There are currently 8 Knowledge and Innovation Communities (KICs) with the goal to:
  - Develop innovative products and services;
  - Start new companies; and
  - Train a new generation of entrepreneurs.
- 16 topics have been published on the Horizon Europe funding & tender portal covering three types of EIT KIC actions:
  - KIC Business Plans
  - Cross-KIC strategic activities and shared services, cross-KIC thematic Innovations
  - Higher Education Institutions (HEI) initiative
- Multiple funding opportunities for Startups and SMEs funded through KICs

# KICs in 2022



## EIT Climate-KIC

Accelerate the transition to a zero-carbon economy



## EIT Digital

Drive Europe's digital transformation



## EIT Food

Lead a global revolution in food innovation and production



## EIT Health

Give EU citizens greater opportunities for a healthy life



## EIT Urban Mobility

Smart, green and integrated transport



## EIT RawMaterials

Develop raw materials into a major strength for Europe



## EIT Manufacturing

Strengthen and increase the competitiveness of Europe's manufacturing industry



## EIT InnoEnergy

Achieve a sustainable energy future for Europe