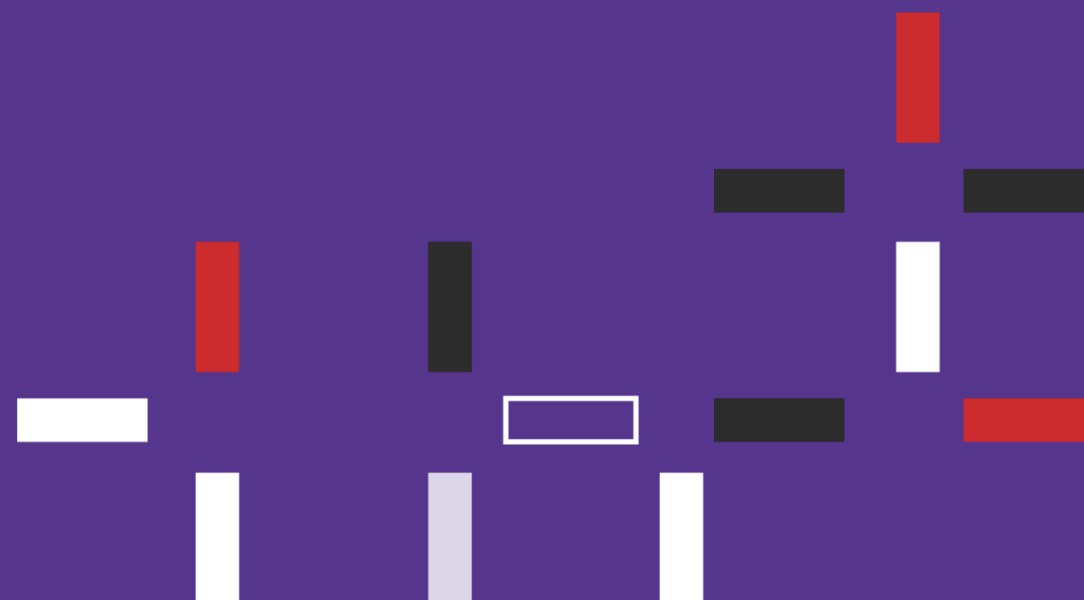European
Innovation
Council

THE EUROPEAN INNOVATION COUNCIL

Work Programme 2023
Info Day

13 December 2022

Agenda

9.30 Welcome & Introduction
Main EIC achievements, policy context & novelties of WP 2023

10.00 EIC Pathfinder

11.15 EIC Transition

12.15 Lunch break

13.00 EIC Accelerator

15.00 Business Acceleration Services

15.45 Access2EIC & Closure

Europe's most ambitious innovation initiative

Budget

€ 10 billion

Unique

combines research & accelerator for SMEs, startups, scaleups

Largest deep-tech innovator in Europe

Over €3 billion

Enhances the European Innovation Ecosystems

Partnerships with ERC,EIT regions...

Annual Work Programmes (separate from Horizon Europe main WP

- First WP (2021) adopted 18 March 2021, €1.5 billion
- Second WP (2022) adopted 7 February 2022, €1.7 billion
- **Third Work Programme (2023) adopted 7 December 2022, € 1.7 billion**

Pathfinder

- For **consortia**
- **TRL 1-4** (Early stage research on breakthrough technologies)
- Grants up to € 3 to 4 million

Transition

- For **consortia & single** researchers /companies
- **TRL 3-6** (Proof of concept to validation)
- Grants up to € **2.5 million**

Accelerator

- For **individual companies**
- TRL 6-9 (Development & scale up)
- **Blended** finance
  - grants up to € 2.5 million
  - equity up to €15 million

Highlights of 2022

European Innovation Council

Pathfinder

- selection of first set of "**portfolios**" to be pro-actively managed by EIC Programme Managers

Transition

- move to **continuous call** with regular cut-offs (~ every 6 months)

Accelerator

- **High level of demand** (~1000 full applications per each cut-off)

- Major **improvements in Time to Grant** towards 5 months KPI - following initial delays in 2021

- Restart of operations of the **EIC Fund** (large number of investment decisions already taken under the new structure, overcoming the backlog)

Implementation: EIC Pathfinder

2021

Open

2022

868	proposals submitted
59	projects selected
€174.4 mil	in funding

863	proposals submitted
57	projects selected
€183 mil	in funding

Challenges

433	proposals submitted
42	proposals selected
€142.4 mil	in funding

Evalutions ongoing (October deadline)

~ € 350 million budget

Implementation: EIC Transition

European Innovation Council

2021

EIC Transition

2022

173 proposals submitted for Open
57 proposals for Challenges
(Medtech & devices; Energy harvesting & storage)

45 proposals selected
~ €100 million funding

129 proposals submitted for Open
15 proposals for Challenges

20 proposals selected further set of evaluations ongoing
(September cut-off)

~ €100 million budget

Implementation: EIC Accelerator

European Innovation Council

EIC Accelerator

2021

>**5000 short applications** (apply anytime)
Open + Challenges (green deal, strategic technologies)

~**1900 full applications**
(June, October cut-offs)
335 selected for **interview**

164 companies selected
€ 350 million grant funding
€ 642 million investment (EIC Fund)

2022

~ **2500 short applications**
Open + Challenges: (strategic autonomy, Fit for 55)

~**3309 full applications**
(March, June, October cut-offs)
538 selected for **interview**

149 companies selected
€ 330 million grant funding
€ 448 million investment (EIC Fund)

Strategic role of the EIC Board

- 5 plenary Board meetings (6th meeting scheduled for 9 December)

- Publication of **strategic goals and KPIs** (incorporated in Work Progamme)

- **Published** statements on EIC Fund, 2022 Work Programme, inputs to European Parliament

- Internal **advice on 2023 Work Programme**, including on challenges and new actions

- **Presence at major events**, and organisation of **joint workshop with ERC** (on Energy Storage)
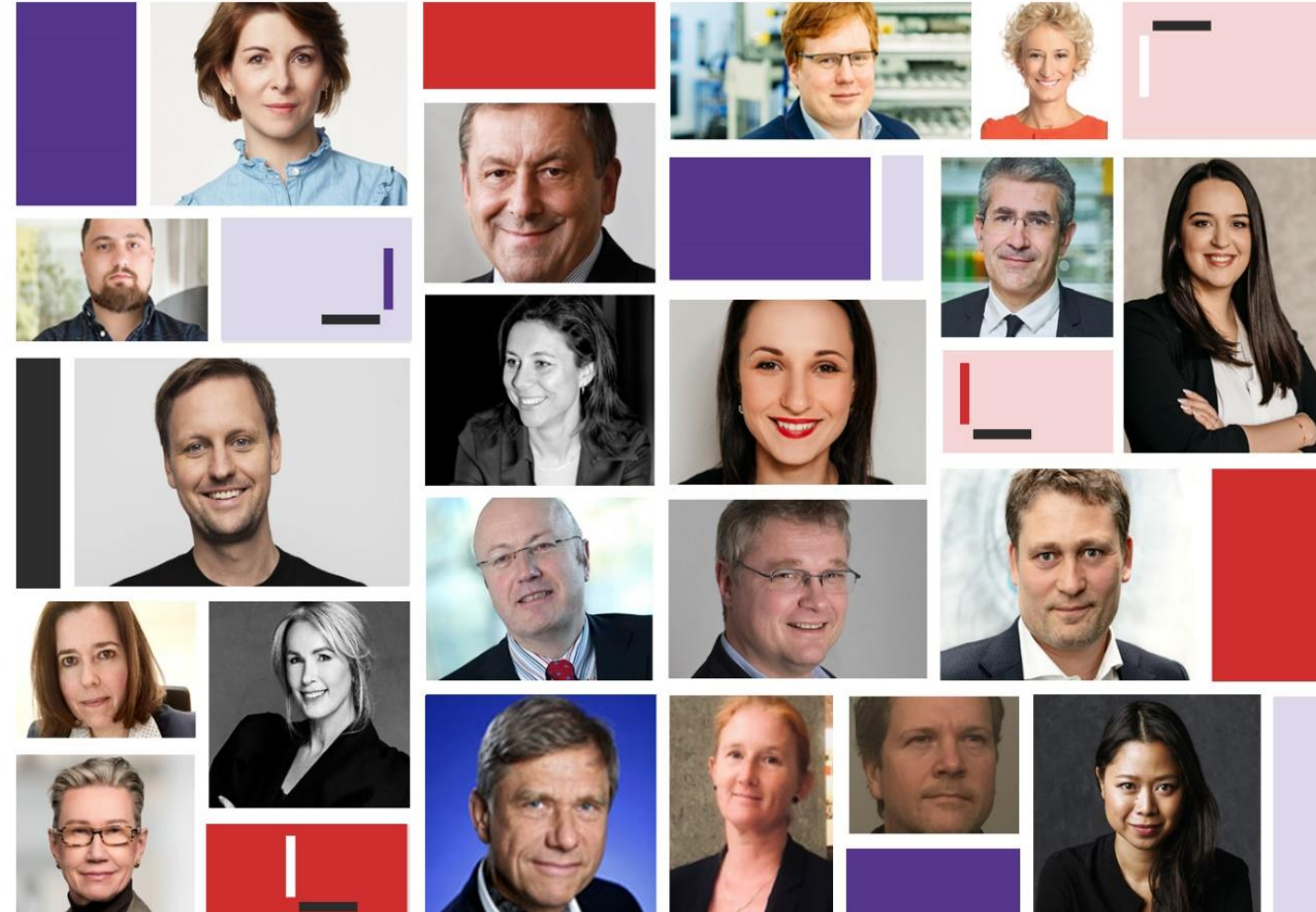
Full set of EIC Programme Managers

European Innovation Council

Carina Faber — NEW

Renewable energy conversion and alternative resource exploitation

Samira Nik — NEW

Quantum tech and electronics

Isabel Obieta — NEW

Responsible electronics

Antonio Marco Pantaleo

Energy systems and green technologies

Francesco Matteucci

Advanced materials for energy and environmental sustainability

Stella Tkatchova — NEW

Space systems and technologies

Iordanis Arzimanoglou

Health and biotechnology

Enric Claverol-Tinturé

Medical technologies and medical devices

Ivan Stefanic — NEW

Food chain technologies, novel & sustainable food

Franc Mouwen — NEW

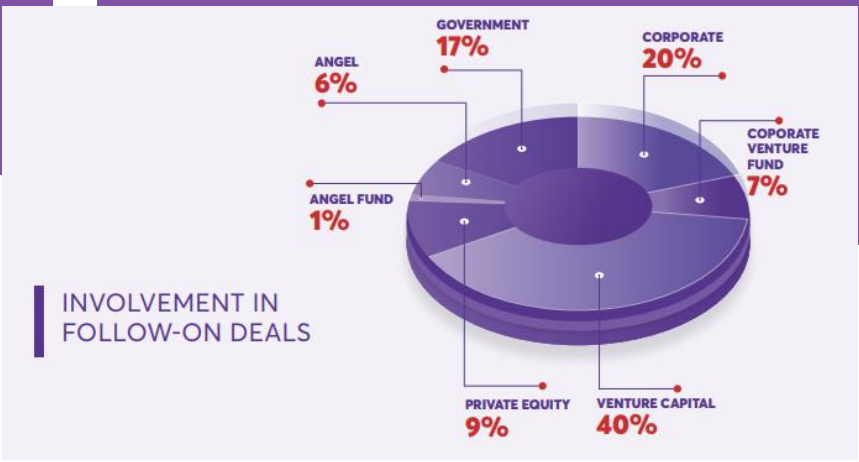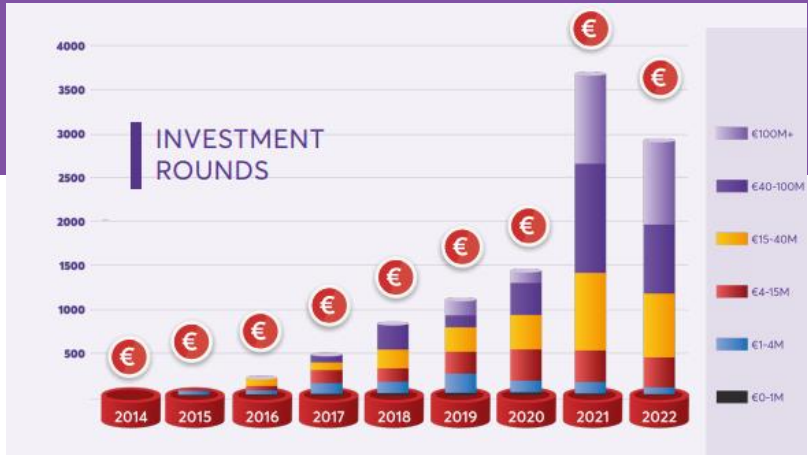Architecture engineering construction technologies

Impact Report

Target audience: investors, policy makers

- **Covers 2014-21: 1600 start-ups/ SMEs** (not 3500 SME Phase 1) & **500 Pathfinder/ FET**
- **Pathfinder:** Over 1300 innovations identified
- **Portfolio analysis** on 7 areas

Crowding in investment: €10bn of follow-on funding

with trend towards larger deal sizes. Portfolio valuation ~ €40bn. Corporates and Corporate VC involved in 27% of deals (by number)

INVESTMENT ROUNDS

€100M+
€40-100M
€15-40M
€4-15M
€1-4M
€0-1M

4000
3500
3000
2500
2000
1500
1000
500

2014 2015 2016 2017 2018 2019 2020 2021 2022

INVOLVEMENT IN FOLLOW-ON DEALS

ANGEL **6%**

GOVERNMENT **17%**

CORPORATE **20%**

COPORATE VENTURE FUND **7%**

ANGEL FUND **1%**

PRIVATE EQUITY **9%**

VENTURE CAPITAL **40%**

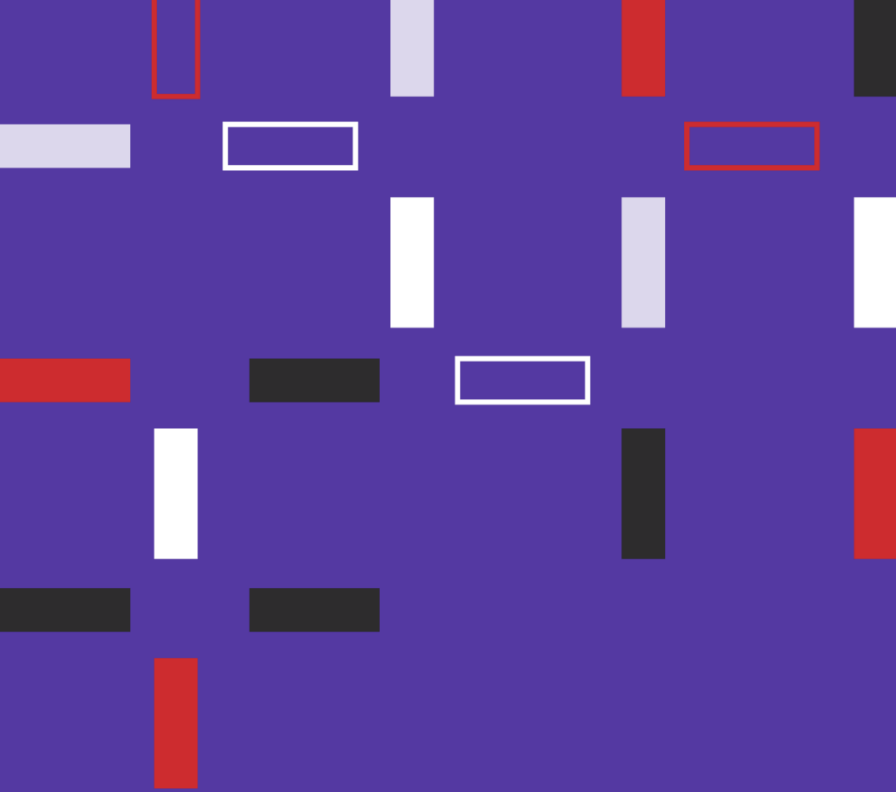# Launch of EIC 2023 Work Programme

- **Adoption of EIC 2023 Work Programme** (7 December)

- **Publication and first opening of calls** (8 December)

- **EIC InfoDay, 13 December**

- **Update of FAQs,** including on new elements (forthcoming)

- **National Infodays**

- **Specific Infodays on EIC Challenges & publication of Challenge Guides** (January, February)

Specific EIC Challenge Info Days planning

Pathfinder		
	Clean and efficient cooling	March 16 (tbc)
	Architecture, Engineering and Construction digitalisation for a novel triad of design, fabrication, and materials	February 2
	Precision nutrition	January 31
	Responsible electronics	February 9
	In-space solar energy harvesting for innovative space applications	January 26

Transition		
	Full scale Micro-Nano-Bio devices for medical and medical research applications	(tbc)
	Environmental intelligence	February 1
	Chip-scale optical frequency combs	February 9

Accelerator		
	Novel biomarker-based assays to guide personalised cancer treatment	February 3
	Aerosol and surface decontamination for pandemic management	(tbc)
	Energy storage	February 1
	New European Bauhaus and Architecture, Engineering and Construction digitalisation for decarbonisation	February 2
	1) Emerging semiconductor & 2) Quantum technology components	February 9
	Novel technologies for resilient agriculture	January 31
	Customer-driven, innovative space technologies and services	January 26

# Policy context of the 2023 EIC Work Programme

András Inotai

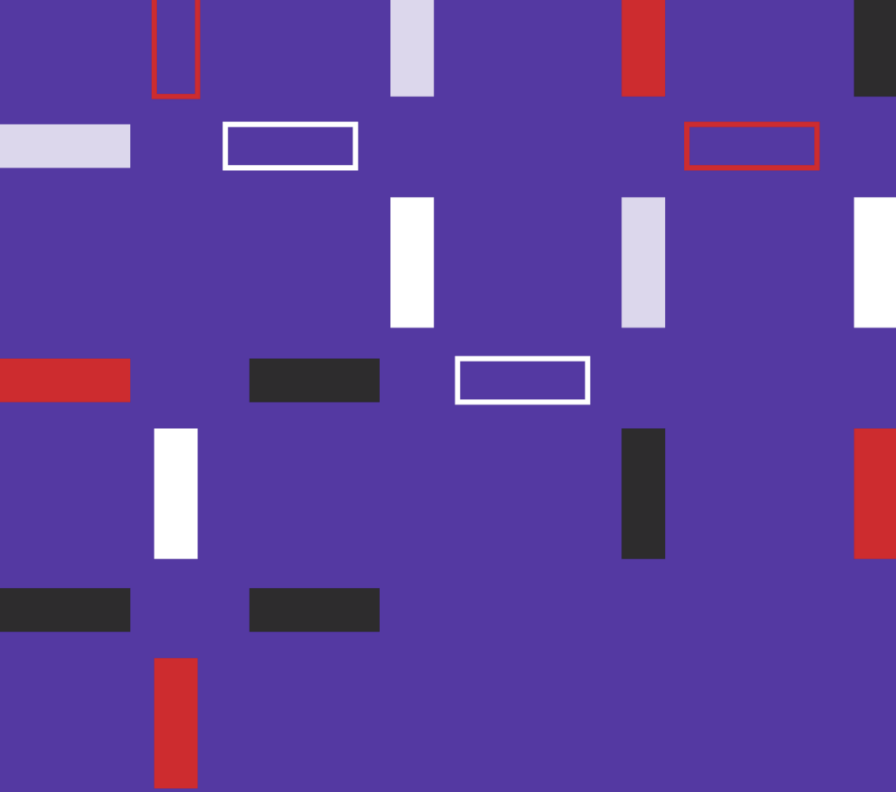Head of Unit Innovation Policy & Access to Finance, DG R&I

New European Innovation Agenda actions - EIC WP23

- **Next Generation Innovation** Talents

- Enhanced support to **women innovators**
(opening the Fast Track to the Accelerator to Women Tech.EU and the EIC Women Leadership Programme to EIT women-led deep-tech startups)

- Support to test EIC innovations for **public and private procurers**

- **Innospace Platform**

Ongoing restructuring of the EIC Fund

- **Indirect management** - the Commission plans to entrust tasks related to the implementation and management of the investment component of the EIC Accelerator to an implementing partner

- **No change** for applicants
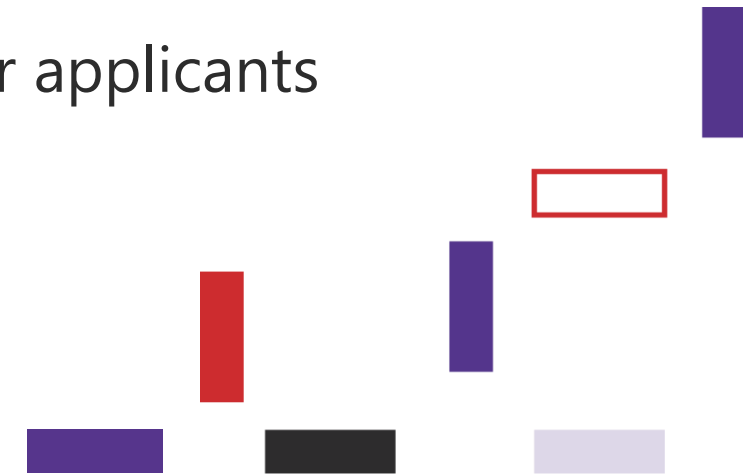
Overview of EIC Work Programme 2023

Keith Sequeira

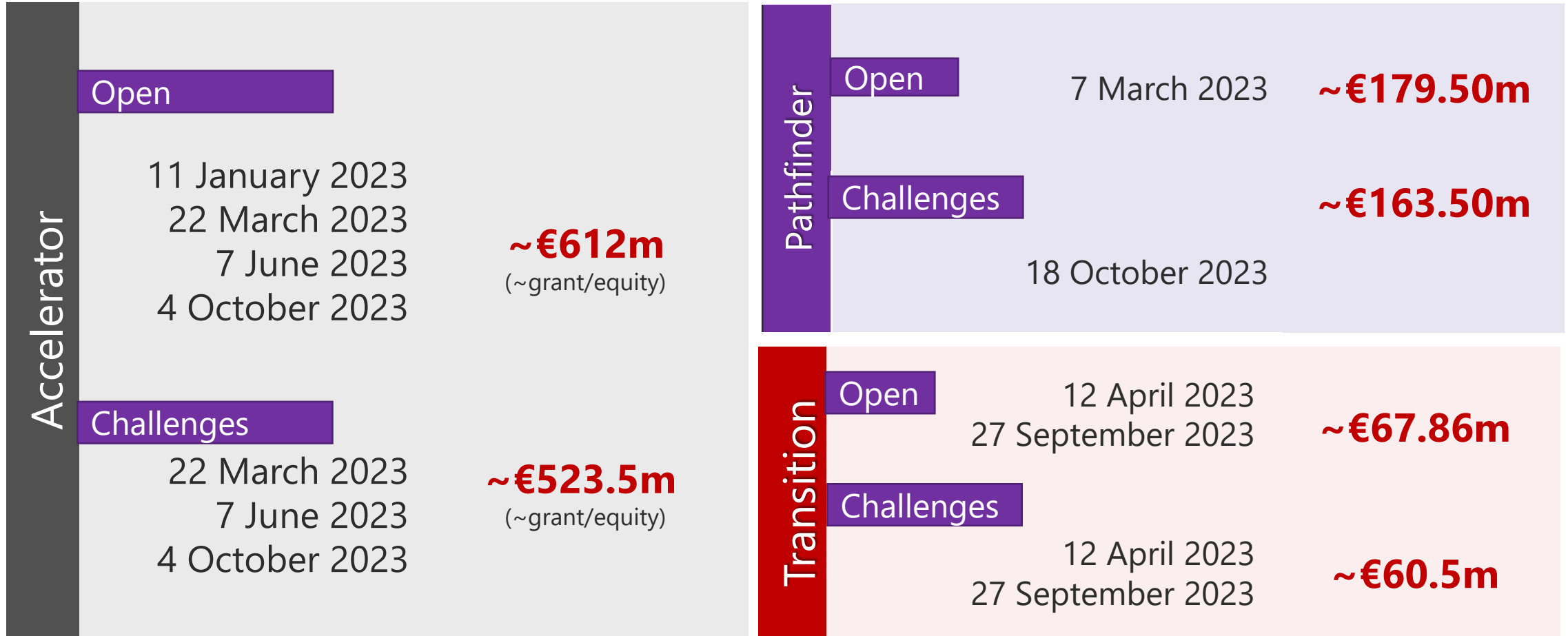Head of Unit EISMEA D01 - EIC Board, Strategy and Feedback to Policy

Overview

European Innovation Council

- **Budget: €1.66 billion**
  - Pathfinder: €343 million
  - Transition: €128 million
  - Accelerator: €1.13 billion

- **Strong continuity** for main calls
- **More frequent cut-offs (4)** & **improved resubmissions** for Accelerator
- **More targeted EIC challenges,** especially for Accelerator challenges

- A new **internship scheme** and new support to **customise innovations** for prospective clients
- A new **Executives in Residence** action
- **New ecosystem approach** for Business Acceleration Services
- A new **Humanitarian Innovation Prize**

GO to the Work Programme 2023

EIC main calls in 2023 - overview

European Innovation Council

Accelerator

Open

11 January 2023
22 March 2023
7 June 2023
4 October 2023

~€612m
(~grant/equity)

Challenges

22 March 2023
7 June 2023
4 October 2023

~€523.5m
(~grant/equity)

Pathfinder

Open

7 March 2023

~€179.50m

Challenges

18 October 2023

~€163.50m

Transition

Open

12 April 2023
27 September 2023

~€67.86m

Challenges

12 April 2023
27 September 2023

~€60.5m

Improvements for EIC Accelerator

- **4 cut-offs**

- **Strengthened evaluations**
  4th expert evaluator to decide if a full proposal at **resubmission** scores **8/9 GOs**

- **Clarification** of resubmission rules

- **Continuation of pilot** for larger investments (above €15 million) in strategic areas

A new approach to EIC Challenges

- **EIC Pathfinder:** more targeted challenges to avoid oversubscription

- **EIC Transition:** opening eligibility for all Horizon 2020/Europe results for Transition challenges

- **EIC Accelerator:** targeting of eight strategic areas for European deep-tech start ups (to open from March cut-off) with more specialist juries, etc.

Sli.do: #EICWP2023

Overview of EIC Challenges for 2023

€163 million for five Pathfinder Challenges

- Clean and efficient cooling
- Architecture, Engineering and Construction digitalisation for a novel triad of design, fabrication, and materials
- Precision nutrition
- Responsible electronics
- In-space solar energy harvesting for innovative space applications

€60.5 million for three Transition Challenges

- Full scale Micro-Nano-Bio devices for medical and medical research applications
- Environmental intelligence
- Chip-scale optical frequency combs

€523.5 million for eight Accelerator Challenges

- Novel biomarker-based assays to guide personalised cancer treatment
- Aerosol and surface decontamination for pandemic management
- Energy storage
- New European Bauhaus and Architecture, Engineering and Construction digitalisation for decarbonisatio
- Emerging semiconductor and
- Quantum technology components
- Novel technologies for resilient agriculture
- Customer-driven, innovative space technologies and services

Next generation innovation talents scheme

To allow eligible **researchers** (from Pathfinder, ERC, MSCA, RI, EIT) 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 and EIT Alumni and EIT Jumpstarter beneficiaries;

- 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.

Sli.do: #EICWP23

Pilot support to test EIC innovations for potential clients / procurers

Consortium to be selected to organise calls for EIC beneficiaries to test innovations with public or private procurers

- **Grants of € 20-60K** for EIC beneficiaries to test innovations

- In-kind commitment of procurers for access to facilities, expertise, data etc and preparation of validation report
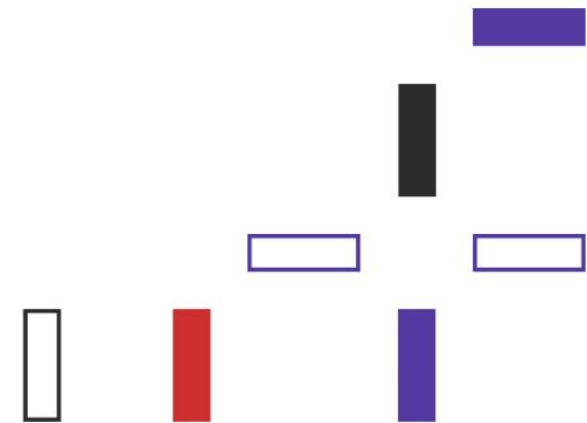
Sli.do: #EICWP23

Pilot Executives in Residence action

- Identify a set of promising research results with spin-off potential from Pathfinder / Transition

- Set up of a network of C-level executives to mentor EIC research projects with spin-out potential

- Implemented by the EIB Institute Budget: up to € 2 million

Sli.do: #EICWP23

BAS Ecosystem partnerships

- Call for organisations to become **EIC Ecosystem Partners** to provide services for incubation, acceleration, growth and scale-up

- EIC beneficiaries to access EIC Ecosystem Partner services through service catalogue & matching

- Includes reinforced collaboration with EIT to access relevant services from **KICs**
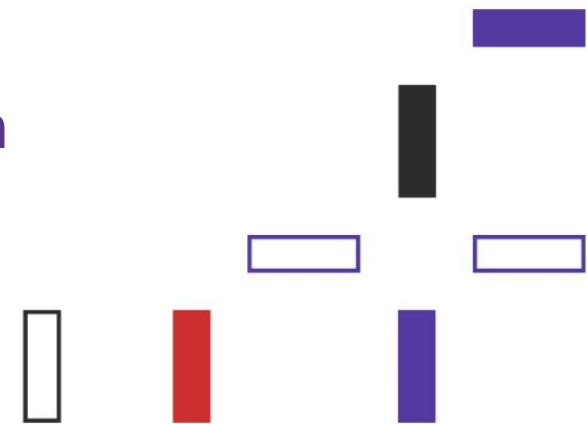
Sli.do: #EICWP23
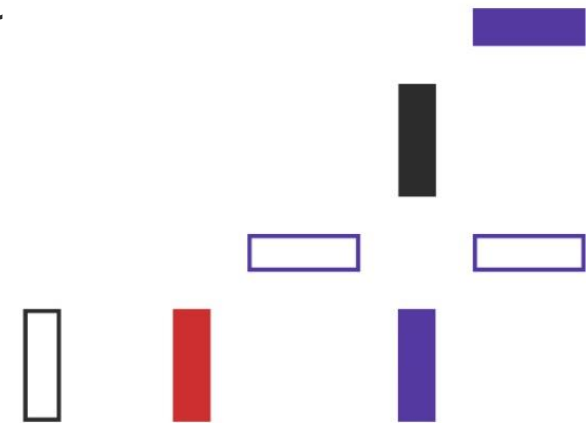
EIC Prizes

- EU Prize for Women Innovators **run jointly with EIT**

- The European Capital of Innovation Awards (iCapital)

- The European Innovation Procurement Awards;
  - Special category: *'green energy transition'*

- The European Social Innovation Competition
  - Focus on *'fighting energy poverty'*

- **NEW! The European Prize for Humanitarian Innovation**

Sli.do: #EICWP23

Thank you !

European Innovation Council

@EUeic

#Eueic