Backing visionary entrepreneurs

Meet the European Innovation Council, Accelerator

Warsaw 14 DEC 2023
Greg Ambroziewicz (PhD)
Deputy Head of Unit
European Commission / EISMEA





Poland's participation in the EIC Accelerator

BEIT Spolka z ograniczona odpowiedzialnoscia	Kraków (Poland)
Camino Science sp. z o.o.	Białystok (Poland)
DAC Sp.z.o.o.	Elblag (Poland)
Ecopolplast spolka z o.o.	Lebork (Poland)
HYPER POLAND SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	WARSZAWA (Poland)
OrganicDisposables Ltd	Warszawa (Poland)
SGPR.TECH SPLOKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	RZESZOW (Poland)



EIC: KEY IMPACTS IN SUPPORT OF DEEP TECH INNOVATION*



Incentivised over

EUR 10 billion

in follow-on investments in its portfolio companies, primarily from venture capital, corporates, and national promotional banks among others.

€10 billion Achieved a combined portfolio valuation of

EUR 40 billion including 12 Unicorn and 112 Centaur

and **112 Centaur** company valuations.

€40

12



2,0

of funding to women-led companies





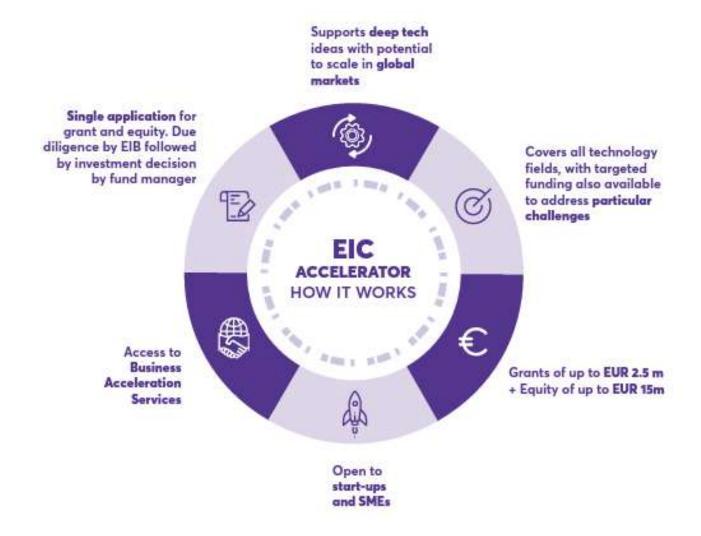
EIC Accelerator:



 Are you a start-up or a SME seeking to scale up high impact innovation with potential to create new markets or disrupt the existing ones? Do you need significant funding over a long timeframe?

 Does your innovation build on a scientific discovery or technological breakthrough ('deep tech')? Is the investment too risky for private investor alone? Are we the right investor for you?





What do we offer?



What are we looking for?

Start-ups and SMEs seeking to scale-up high impact innovations with the potential to create new markets or disrupt exisiting one

Innovation building on **scientific discovery** or technological breakthroughs ("deep tech")

Innovations where **significant funding** is needed over a **long timeframe** and are **too risky** for private investors alone

EIC Accelerator— Blended Finance



Grant component



Investment component

- maximum of less than€ 2.5 million
- eligible costs are reimbursed up to a maximum of 70%
- small mid-caps are not eligible for a grant only

- € 0.5 million and maximum € 15 million
- usually in the form of direct equity or quasi-equity
- minority ownership (maximum 25% of the voting shares of the company)
- "patient capital" principle (7-10 years)
 perspective on average, max 15 years)

EIC Accelerator – funding options



Grant only

If you can prove that you have sufficient financial means for deployment and scale-up (TRL 9)

Grant first

If your innovation still requires significant work to validate and demonstrate in relevant environments to assess its commercial potential

Investment only

If you are looking to fill the funding gap for rapid scale-up of your high-risk innovation and you don't nee a grant

Grant & investment

If you need support for development (TRL 5/6 → 8), deployment and scale-up (TRL 9)

EIC Accelerator – Who can apply?



- Single company (i.e. no consortia, but subcontracting and affiliated entities are possible)
- SME according to EU definition: < 250 employees, < 50 million EUR turnover or < 43 million EUR total balance sheet, data from linked or partner enterprises might need to be taken into account*
- Small mid-caps (up to 499 employees) for rapid scale up only
- Natural person(s) or legal entity
 - from Member State (MS) or Associated Country (AC) intending to establish an SME or small mid-cap in MS or AC by the time of signing the EIC Accelerator contract.
 - From a non-associated third country intending to establish an SME or to relocate an existing SME to a MS or AC (establishment prior to full proposal!)

EIC Accelerator – innovation & market deployment actions



- The EIC Accelerator supports "innovation and market deployment actions"
- It means a single action which embeds an innovation action and other activities necessary to deploy an innovation in the market, including the scaling-up of companies.
 - The costs for the innovation activities may be co-funded by the grant component (grant-only, grant-first, blended finance), by the companies' own resources (specially, for investment-only) and/or, partially, by the investment/equity component (e.g. for blended finance).
 - The market deployment activities may be covered by the investment/equity component and/or by the companies' own resources (grant-only).
- Issues encountered in one type of activities (including the way they are financed) may impact on the other type of activities.

The selection process in a nutshell



- The Accelerator evaluation process is composed of the following phases:
- Screening of short proposals: performed by remote evaluators, which leads to a GO or NO-GO to the next evaluation stage,
- Evaluation of full proposals, performed by remote evaluators, which leads to a GO or NO-GO to the next evaluation stage,
- Interviews with participation of Jury Members which leads to establishing the list of GO (funded) and NO-GO (nonfunded) proposals

Implementation of EIC Investment – the equity component of the EIC Blended Finance



The EIC Fund

- Manages equity investments in startups & SMEs selected by EIC Accelerator.
- The EIC Fund is a **venture capital fund** established in June 2020 by the European Commission.
- An **external fund manager** has been recently appointed as part of the **EIC Fund restructuring**, to make it sustainable for the number and amounts of investments expected in the period 2021-27, drawing on the lessons learned from the pilot phase and considering the legal base. This has **no impact on funding offered** by the EIC or on the **selection process**.
 - > The EIC Fund Manager makes investment/divestment decisions and portfolio management.
 - ➤ The **European Investment Bank (EIB)** is investment **advisor** to the EIC Fund performing the due diligence, preparing the investment proposal and supporting the portfolio management.

> EISMEA

- conducts the evaluation and selection of proposals;
- implements the grant component;
- ensures **coordination** between grant and equity components.
- > Since its incorporation, the EIC Fund has approved more than 170 deals (+EUR 800 million) and signed 96 investment agreements (Pilot phase and Horizon Europe).

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 - EISMEA
 - conducts the evaluation and selection of proposals;
 - implements the grant component;
 - ensures coordination between grant and equity components.
- So far > **170 deals approved** (+€ 800 million), **96 investment agreements signed** (Pilot phase and Horizon Europe).

EIC Accelerator equity funding



- The EIC invests at early stage (seed, start-up, scale-up) from €0.5 to 15.0 million*
 in the form of equity or quasi-equity.
- Intended to finance market deployment and scale up.
- Crowding in of co-investments and follow-up investments in EIC funded companies of 3-5 times the level of EIC funding
- The EIC may reserve follow-on capital to invest in subsequent series or grantfirst.
- The EIC provides **patient capital** (investments will normally be made with a long average perspective (7-10 years) with a maximum of 15 years).
- The EIC usually targets **minority ownership** stakes (from 10 to 25%), and up to a blocking minority in cases identified by the EC as of strategic interest for the EU.



The investment process after selection



EIC Investment Guidelines

- 1. Initial assessment (EIB): proposals selected by EISMEA (following the interview) go through initial assessment: possible investment scenarios ("buckets"*).
- 2. Due diligence (EIB, unless performed by co-investors) + KYC-compliance checks (EIC Fund).
- 3. Investment proposal (EIB), potential draft financing terms discussed with the beneficiary and co-investors (if any).
- 4. Investment decision (external EIC Fund Manager), which will either approve (sometimes with conditions), including the amount and terms, propose grant-first or reject the operation.
- 5. Investment agreement and disbursement. The EIB will guide the preparatory work of legal documentation for signature by the EIC Fund Manager.
- **6. Portfolio monitoring and management** (**EIC Fund Manager** supported by the EIB).

Due diligence



- The **EIB** performs due diligence and prepares the investment proposal:
 - Risk assessment, compliance and KYC
 - Product and technology
 - Market and competition
 - Commercialization strategy
 - Business plan and financial projections
 - Management
 - Board and governance
 - Ownership and capital structure
 - Optimal investment structure

Investment scenarios*



- **Bucket 0**: No Go. Substantial negative issues preventing any investment (fraud, misrepresentation, refusal or failure to submit requested information, manifest error of appreciation by the EC, substantial negative changes of circumstances)
- Bucket 1: companies non-investment ready, remaining very high risk despite the awarded EIC Accelerator support. The EIC Fund
 - will perform full due diligence; and
 - may proceed with the investment using quasi-equity (or combined with equity), or propose to revert to "grant first".
- Bucket 2: potential investors show immediate interest in co-investing alongside the EIC Fund.
 - Equity investment is at least matched by these other potential qualified investors (i.e. which will cover at least 50% of the round), having an objective of 1:3 leverage for the full EIC investment cycle.
 - The EIC Fund may rely on financial, commercial and technology due-diligence performed by the qualified lead investor and may seek alignment to their terms.
- **Bucket 3**: potential investors show immediate interest in providing the full investment.

Co-investment support hands-on venture building offered to every company

Venture **Building** **EIC** works with startups on building a solid narrative starting from content- and strategy-heavy topics including validated market size estimates, competitive landscapes, pricing explanations and go-to-market plans.

- We then support the companies with becoming investor ready by helping them create their **Investor** Materials and preparing them for the Fundraising Process and Networking.
- Networking
- In addition to tailored support for every individual portfolio company, we are also hosting several events for startups, investors and corporates to exchange ideas and close deals.

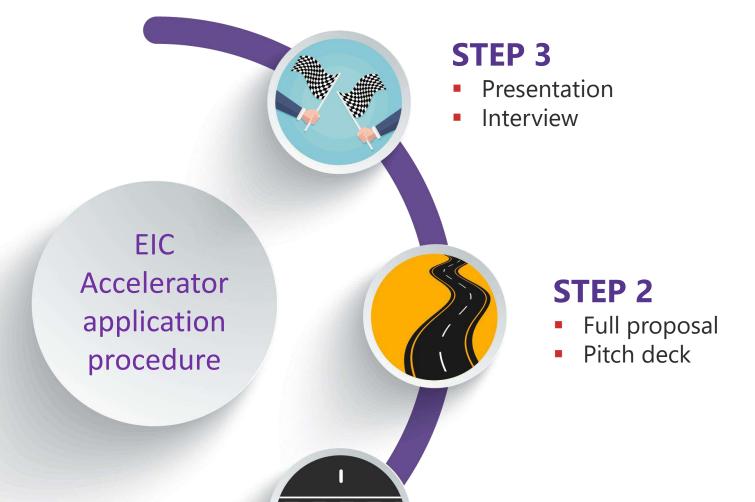
- **Fundraising**
- This includes **e-pitching events** with angels, venture capital investors and corporates.
- We help the EIC portfolio companies to develop and execute a comprehensive fundraising strategy
- Specifically, startups can tap into and access the rich investor network and benefit from personal introductions facilitated by our Investment Managers and the EIC co-investment platform.
- Support offered early in the process and when needed over the investment lifetime
- EIC co-investor portal aimed to facilitate investor introductions



Pitching elements to include in your application for

EIC ACCELERATOR





START

STEP 1

- Summary
- Pitch deck
- Video pitch



STEP 3

- Presentation
- Interview

STEP 2

- Full proposal
- Pitch deck

STEP 1

- Summary
- Pitch deck
- Video pitch

Evaluation criteria Step 2 and Step 3

Excellence

breakthrough and market creating nature, timing, technological feasibility; Intellectual Property Rights.

Impact

scale-up potential; positive broader impact; market fit and competitor analysis; commercialization strategy; key partners.

Level of risk, implementation, and need for Union support team, clear implementation plan; high investment risk; risk assessment and mitigation

Evaluation criteria Step 1

Excellence

breakthrough and market creating nature; timing for the innovation

Impact

scale-up potential; positive broader impact.

Level of risk, implementation, and need for Union support team's capability and motivation

Step 1: Summary





What?	What type of solution do you have in mind ?**
	What is the purpose of your project ?**
	Acronym of your proposal
	Describe your solution*
Why?	Describe the problem to be solved or the need(s) to be satisfied *
How?	Idea or technology based?**
	Use cases
	Add features
	Please describe between 1 to 3 main deliverables. A deliverable is a distinct output of the project, meaningful in terms of the project's overall objectives.*
	Indicate your current TRL (Technology Readiness Level)**
	Indicate the TRL you intend to achieve at the end of your project**
Who?	Who?**
	What is your sector of activity ?**
	Your winning team (optional)
For whom?	Describe your targeted market*
For what impact?	Indicate your current BRL (Business Readiness Level)**
	Indicate your Time-to-Market in years ?**
	Can you describe the potential societal or industrial application. Will your innovation have broader societal, economic, environmental or climate impacts?

	What type of solution do you have in mind ? **
IDEATION	Describe your solution (pre-filled from previous step)*
	What are the existing solutions and what are their limits?*
	What is the problem you're trying to solve? (pre-filled from previous step)*
	Is it an idea or a technology based innovation?**
	Why it is new compared to the existing solutions? *
	Why do you think it will be successful?*
	Why now?*
DEVELOPMENT	Your team (pre-filled from previous step)
	Do you have the team you need to implement the action?
	Will you need cooperation with other stakeholders of your value chain (research and innovation, industrial, financial, suppliers, distributors,) to implement the action?*
	What are the risks of failure?
	Why can't you do it without the EIC? Why not other funding sources including National/Regional public programmes?*
	How much will it cost to develop your idea? How much grant do you need from the EIC? How much investment do you need from the EIC? These are tentative amounts and will be used only for statistical purposes
GO2MARKET	What is your targeted market? (pre-filled from previous step)*
	Who cares about your innovation?*
	Will your innovation have broader societal, economic, environmental or climate impacts? Can you describe potential societal or industrial applications? (pre-filled from previous step)*
	What are the payoffs for your company in case of success? How do you see your company in 5 years*

Step 1: Pitch Deck





- No pre-defined template: upload the document in pdf format (10 slides max);
- Use it to show images, data, tables not included in the summary;



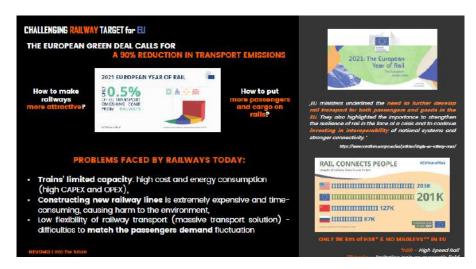
Do not forget 2-4 slides to provide basic but key elements and figures regarding your business model, the targeted market and growth forecast

Step 1: Pitch Deck

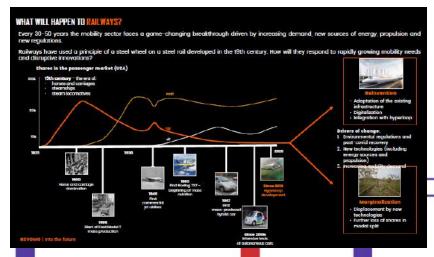




Some examples







A EUROPEAN DEEP-TECH COMPANY PROVIDING KEY COMPONENTS TO REVOLUTIONISE THE RAILWAY INDUSTRY - DEVELOPING NEXT GENERATION HIGH-SPEED RAILWAYS

W. NEVOMO

Innovative key technologies supplier for the next generation high-speed railways: propulsion, suspension and power electronics

MAGRAIL - creating a bridge between conventional railways and the hyperloop by providing systems for higher efficiency and interoperability

Partner for digitalization of conventional railways' hardware infrastructure



NEVOMO I into the future

AGRAIL - OUR SOLUTION

THE NEXT GENERATION HIGH-SPEED RAILWAYS BASED ON MAGNETIC LEVITATION. OUR BREAKTHROUGH SOLUTION ALLOWS TO USE THE LEVITATION WITHIN EXISTING RAILWAY INFRASTRUCTURE.

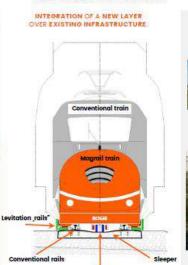
INFRASTRUCTURE

- Linear motor in between of the conventional rails (3rd rail*).
- Levitation and guidance rails" at the edges of sleepers.
- IOT vehicle & infrastructure monitoring
- Power electronics

80018

- speed: up to 30-50 km/h on wheels and levitation up to 550 km/h
- Operates on standard-gauge ground-level conventional railway track
- Bogies that can levitate and roll
- The same bogie for passenger and cargo trains: up to 70 passengers or up to two 20foot cargo containers

NEVOMO | Into the future



EXISTING TRACK UPGARDE BY RETRIFITING

Railway track designed for

Standard train

High Speed Rail (HSR)



When upgraded to MAGRAIL



Applying railway norms and standards to facilitate homologation process.

MAGRAIL - TECHNOLOGY

SOLVING MAJOR BARRIER OF BUILDING NEW HIGH-SPEED RAILWAY LINES - BY PROVIDING KEY COMPONENTS TO REVOLUTIONIZE THE RAILWAY INDUSTRY

FIRST PROTOTYPES



First demonstrator in scale 1:5 bogie Linear motor 1:1 (1st gen)



Proven physical principles, levitation obtained

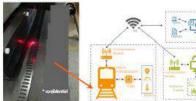


Full-scale linear motor



track Conventional rail Linear motor Sleeper

FULL-SCALE BOGIE DESIGN



ONGOING MAGRAIL TEST TRACK CONSTRUCTION

MAGRAIL - VALUE PROPOSITION

ADDRESSING INDUSTRY PAIN POINTS BY CREATING A BASIS FOR RAILWAY REINVENTION

Linear motor

INCREASING EFFICIENCY OF THE RAILWAYS

- Increased efficiency of land and other assets use, lower OPEX. incl. maintenance cost
- Faster trains on the same railway

160 km/h -> 330 km/h 330 km/h -> 550 km/h

 Traffic optimalization using AI, IoT & full digitalization

UPGRADING EXISTING INFRASTRUCTURE

- Cost-efficient retrofit of existing transportation corridors and linking them with existing network
- No harm to the environment while retrofitting
- Time-efficient implementation: months instead of decades

MATCHING PASSENGER AND FREIGHT DEMAND

- Deployment of vehicles (trains or single vehicles) on track dynamically matching the fluctuating demand
- Maintaining interoperability allowing to use conventional trains until they are depreciated
- Scalable solution for fast network effect

REGAINING COMPETITIVE EDGE BY RAILWAYS AND CHANGING TRANSPORTATION PATTERNS SAVING COSTS AND TIME FOR IMPLEMENTATION, EASE OF SCALING, CREATION OF A COHERENT AND MULTIMODAL SYSTEM





CONTROL POSITIONING DEVICES (part of rail digitalization)





AIL - CUSTOMER END-USERS

TODAY INTERESTED CUSTOMERS

RAILWAY OEMs

System integrators



OEMS WILL BE DELIVERING FULL SYSTEM TO THE END-USERS

DUAL BUSINESS MODEL

MAGRAIL SYSTEM COMPONENTS

OF VEHICLE:

 bogie (frame, motor mover, levitation, wheelset)

OF INFRASTRUCTURE:

- linear motor stator (cabling)
- magnetic levitation tracks
- power electronics

TECHNOLOGY LICENSING

LICENSE FEE

X% of revenues

(VEHICLE AND INFRASTRUCTURE COMPONENTS)

SALES OF COMPONENTS

> INFRASTRUCTURE €X-XM per km of double track **VEHICLE BOGIE**

€XM per 2

OUTSOURCED MANUFACTURING



SOLIDARITY TRANSPORT HUB

CARGO MANAGERS

RAILWAY INFRASTRUCTURE

MANAGERS AND OPERATORS

DB NETZE

INTERESTED END-USERS

RFI

NEVOMO TEAM

OUR MISSION IS TO CREATE A BRIDGE BETWEEN CONVENTIONAL RAILWAYS AND THE HYPERLOOP THROUGH A HIGHER EFFICIENCY & INTEROPERABILITY OF EXISTING NETWORKS

FOUNDERS



Przemek PACZEK -

By. In management, finance & sales in banking & real estate



Pawel RADZISZEWSKI -

by. In autonomous platform



Katarzyna FOLJANTY, Ph.D. MBA - Chief Branding Officer 10y, in transportation RED & architectural design

Lukasz MIELCZAREK -

Infrastructure Director

BUSINESS DEVELOPMENT



Stefan KIRCH **Business Development Director**

14v. for Deutsche Bahn, in various roles: Head of Sales DB Netz or Product Owner, founder of BinlachBahn, Netzlands and DB Reskall



Milan CHROMIK Business Development Leader, Board Member

14y. In management, finance, sales & public affairs in Industry, energy, waste & Investment banking

Regulatory expert and Strategy Director The Railway and aviation strategy expert in the field of

regulations, development strategies, external relations,

TECHNOLOGY DEVELOPMENT



Technology Development Director +30y in railway engineering, sales and management, President of Association of Polish Rallway Engineers, ex-Bombardier

Commerce and industry

Johannes BRAUN Magnetic Levitation Expert (Incl. construction of SHANGHAI TRANSRAPID MAGLEY)

Marek MICHALCZUK, Ph.D. Electroengineering Team Leader 30y, to electrical eng. 6 natiways — by, in electric drives, inverters, control — by, in electric drives in

Marcin NIKONIUK Ph.D. Project Manager

Project Manager

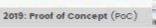
10v. In rallway technology systems & energy conversion & transportation systems R&D Implementation & maintena storage R&D

Michal LITWIN MBA

communication.

MAGRAIL - ROAD MAP





- proven that the pad can accelerate levitate and brake
- 1:5 scale god first generation of linear motor (1:1



- verified configuration of second-generation linear motor
- length: 50m (to be extended to 100m to improve control), gauge: 1,000mm.

ONGOING

2021: Full-scale test track

- full-scale tests of single bogie and infrastructure (incl. levitation) at up to 150 km/h.
- length: 700m, gauge: 1,435mm (standard).

WE HAVE REACHED TRL 6

WAY TO THE MARKET

2022-2023: Pilot implementation with potential customer (EIC Accelerator project)

- In partnership with Italian railway infrastructure manager RFI (MoU signed)
- Test of the complete system (incl. entire vehicle) with 3 tons of load for cargo applications
- Length: 2km (RFI's test facilities in Bologna San Donato), reaching up to 160 km/h and levitating



Preliminary certification

2024-2025: Certification

NEVOMO | Into the future

2026: Commercial cargo implementation

After successful pilot implementation, RFI will become our first customer



RFI'S TEST FACILITIES IN BOLOGNA SAN DONATO

In total, over 70 people involved: top-notch experts, scientists & managers (incl. 9 PhDs, 6 PhD candidates & 40+ engineers) speaking 11 languages.

International Advisory Board



CORPORATE FINANCE EXPERT



Broup Head of MRA and Corporate development at a rading European TelCo and dialtal Infrastructure TDF. Rothschild, BNP Paribas, Key Capital



EXPERT IN INFRASTRUCTURE

President of the Israel Parts and Ballway Authority

Chairman of the Israni-France Chamber of



Vladas LASAS, Ph.D. EXPERT in HI-TECH & CLEANTECH & INVESTOR



Stinvision (Computer vision RED), Techstors



Formaly onboard but cannot disclose the name vet

ex-partner in McKinsey (head at transportation

prof. of business strategy former Member of the Board of leading EU

rallway infrastructure manager

Step 1: Video Pitch





Structure

- Keep it simple;
- No specific technical requirements;
- You don't have to do it in English (include subtitles).

& Content

- Present clearly your project;
- Stress well what societal challenge are you contributing to solve;
- Present core members of your team and illustrate your innovation and the main motivation behind your application.

Step 2 : Full proposal

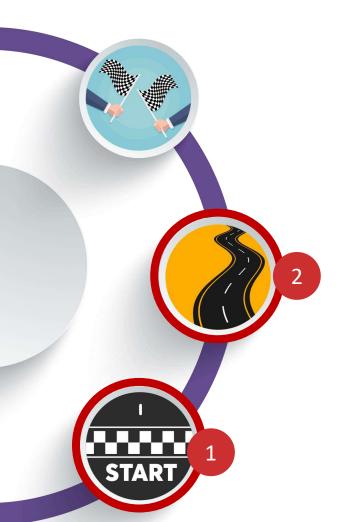




- **Take the time** to prepare the full proposal, don't rush to make it to the first available cut-off;
- Consider additional resources: EIC Coach, National Contact Point, EEN;
- Use business language, avoid too much academic language;
- Provide a comprehensive and realistic risk analysis (particularly at full proposal stage);
- Check that your content has not exceeded the character count;
- Don't wait until the last moment to submit to avoid any technical issues.

Step 2 : Pitch Deck





- No pre-defined template;
- No length limitation but remember you will have only 10 minutes to present it at Step 3;
- The Jury members may focus on any aspect of your proposal based on the evaluation results and their own assessment;
- Max 35 minutes for Q&A with no pre-set questions.

Step 3: Interview





- Show a clear idea of your market;
- Define your IP and FTO strategy;
- Your team is crucial: make sure you present a committed, qualified and possibly diverse team
- Ensure that the financial details and TRL descriptions are consistent;
- Answer the questions honestly: don't try to inflate your financials/market, include a full competitive analysis, etc.

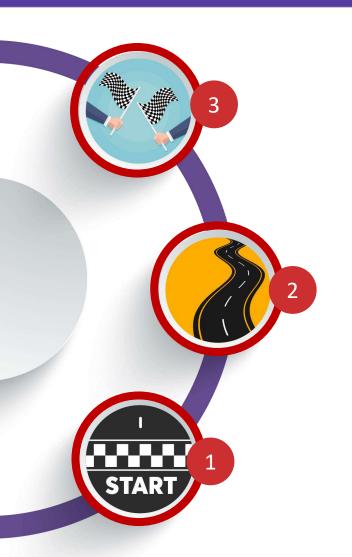
REMEMBER!



- Rehearse your pitch as much as you can!
- Be convictive and enthusiastic!
- 10 min = 10 slides

Useful sources





Tips for applicants - EIC Accelerator (europa.eu)



- Guide for applicants (europa.eu)
- EIC Frequently asked questions (europa.eu)

DOs and DONTs



Rush the process

Do not prepare the Full Application last minute: it needs to be polished and complex. Focus on your core idea and perfect it.

Double fund

Make sure that activities inside the project have not been funded by EU funds before.

Get discouraged

Perfect your idea within the application and submit it again.



Perfect the SA

The Short Application must be detailed, clear and convincing. It is your pathway to success.

Focus on the FA

Start preparation of the Full Application as soon as possible. Take into consideration the evaluation time of the SA which is 4 weeks

Build your team

Deploy 3-5 people to prepare the application. Involve employees from different departments in the process.

Master your pitch

Practice, practice, practice with as many difficult questions as possible.



Thank you!

@EUeic

#Eueic

https://eic.ec.europa.eu

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