



The new European Innovation Council

EIC Programme Managers visions and paths under the European Innovation Council

26th March 2021, 10.00 (CET)

Webinar Objectives

- ❑ The objective of the webinar is to guide the EIC R&I community to the new main concept introduced by the fully-fledged EIC: the EIC projects portfolio and its proactive management principle, mainly managed by the EIC Programme Managers.
- ❑ It will provide information on support facilities available to the applicants at the national and European levels.

AGENDA

Introduction to FETFX and Access2EIC Projects [20']

The proactive approach in EIC Pathfinder and Transition schemes [20']

Walter Van de Velde - Head of the EIC Programme Managers' Office, EISMEA

Roundtable: EIC Programme Managers: proactive management to turn scientific excellence in opportunities for European economy and society [80']

Moderator: Valeria Nicolosi, EIC Advisory Board member, Trinity College Dublin

Panelists:

- o Walter Van de Velde, Head of the EIC Programme Managers' Office
- o Iordanis Arzimanoglou – EIC PM for Health & biotech
- o Enric Claverol – EIC PM for Medtech & devices
- o Francesco Matteuci – EIC PM for Materials for energy & environment
- o Marco Pantaleo – EIC PM for Energy systems

Q&As [30']



THE FETFX PROJECT

About FETFX

FET-Open Coordination and Support Action
on *FET communication and outreach*

From 01/01/2019 to 30/06/2021



FETFX Objectives

Communicate FET & EIC

Enhance visibility and impact of FET research among a variety of actors - researchers, policy makers, investors, the general public - via **public communication** and a **mix of tools and media**

Engage with FET & EIC

Stimulate debate and collaboration among multiple stakeholders through dedicated community building and **engagement activities** - workshops for policy makers, major events and initiatives such as Journalist in the Lab, Future Tech Week, FETFX Pills, webinars and furthermore...

Free of charge

An inclusive Information Hub

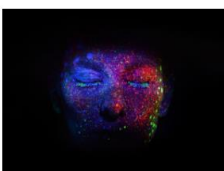
FETFX contents

FET project news

Events

News on the programme

FETFX NEWS



The Future Is Now: Taking Snapshots of Tomorrow with the Future Tech Week
More than 80 Future and Emerging Technologies projects showcased their vision of the future across Europe from September 23 to 29.

Wins and Risks in Research and Innovation

Two Future and Emerging Technologies (FET) projects, Lumibast and FutureAgriculture, shaped up well at the 2019 Innovation Radar Awards, landing a category winner prize.



Publishing vs. Patenting

Listen to our recorded webinar where we examine together with the European IPR Helpdesk the two different routes related to dissemination and exploitation of project results.



STORIES in FETFX

Exploring the Unexpected, A Chat with Paolo Dario, World-Renowned Pioneer of Biorobotics

Find out the story behind the bionic hand with biorobotics pioneer Paolo Dario



FET PROJECT NEWS

Closing the gap between research and innovation

Read the Roundtable report on this year's ResearchInnovation (R&I) Days



New Partnership Between JPLCIT and Time Machine

JPLCIT and Time Machine join forces for a research and innovation partnership promoting the future of Cultural Heritage

CLARIN-ERIC and Time Machine join forces

This cooperation will fortify the scholarly and wider access to cultural heritage



RegMed Forum 2019

RESTORE FET project in the organization of the RegMed Forum 2019 for a more patient oriented perspective in the implementation of Advanced Therapies

BioWings presents: "Fly over BioWings"

This episode was shot in Via Panisperna (Rome, Italy): the same spot where a group of young scientists (led by Enrico Fermi) made the famous discovery of slow neutrons, a precursor to the nuclear reactor



FET PROJECT EVENTS



Time Machine Conference: Do we have enough data about the past to create a time machine?

November 21, 2019
Paris, France

RESTORE: 1st Advanced Therapies Science Meeting

November 25-26, 2019
Berlin, Germany



Peer to Peer Experience Sharing and Dialogue

November 28, 2019
Webinar

Training Programme for Exploitation of Research Results - Identifying Business Opportunities through the Lean Startup Method

December 2-3, 2019
Stuttgart, Germany



NEWS on FET



Turning EIC Pathfinder Results in Genuine Innovation

The FET Innovation LaunchPad seeks to turn FET & EIC Pathfinder funded projects' results into societal/economic innovations

A Vision and Roadmap for Impact

Read on EIC Advisory Board's Vision and Roadmap as these connect deep-tech research with market opportunities



EIC dedicated production

FETFX Booklet



FETFX Events

// Past events

 Past Event Future Tech Week 2020 September 21st-25th, 2020 Online	 Past Event NanoBTech webinars September 18th-October 2nd, 2020 Online	 Past Event AZEIC webinar on "Exploitation opportunities in EIC Pathfinder FET" September 16th, 2020	 Past Event Webinar: Communicating EIC Pathfinder Results Online September 2nd, 2020 Webinar
 Past Event Online pitch and matchmaking July 9th, 2020 Webinar	 Past Event 1ST WORKSHOP ON HETEROGENEOUS MEMORY SYSTEMS June 29th, 2020 Online	 Past Event Peer-to-peer experience sharing and dialogue May 28th, 2020 Webinar	 Past Event Communication Training -- how to communicate your research results to business stakeholders May 19th-20th, 2020 Webinar

FETFX Pills

Future Tech Week Keynote:
From FET to EIC: A Star in the Making

Presenter:

Jerzy M. Langer

- Member of the European Innovation Council Pilot Advisory Board
- Physicist, Emeritus Professor at the Institute of Physics of the Polish Academy of Sciences
- Former Chair, FET Advisory Group

FETFX Resources

	FET Innovation Launchpad funded projects List of FET Innovation Launchpad funded projects from the Funding and Tender Portal as updated on 13th July 2020 GUIDES, DISSEMINATION MATERIALS // Researchers, Innovators/Investors // July, 13th 2020
	FET Innovation Launchpad presentation Dedicated presentation of the FET Innovation Launchpad funding scheme. GUIDES, EVENT PROCEEDINGS, DISSEMINATION MATERIALS // Researchers, Innovators/Investors // July, 13th 2020
	A Vision and Roadmap for Impact Independent report on the European Innovation Council under Horizon Europe by the EIC pilot Advisory Board - June 2020 REPORTS // Researchers, Innovators/Investors, Policy makers // June, 30th 2020
	"How to apply successfully - EIC Pathfinder FET Open and FET Proactive" Guide The Guide, written by Access2EIC NCP Network, present a useful checklist for the upcoming FET Open and FET Proactive Call under the EIC Pathfinder Pilot. GUIDES // Researchers, Innovators/Investors // May, 26th 2020
	Updated Horizon 2020 Work Programme European Innovation Council - EIC Pilot An updated version of the Horizon 2020 Work Programme on European Innovation Council - EIC Pilot has been published last 2nd March 2020, and adopted last 30th April, 2020. REPORTS, GUIDES // Researchers, Innovators/Investors // April, 30th 2020

FETFX News

	Proactive support to the consolidation of a new technological direction The FET Proactive aim is to explore and consolidate a new technological direction thankful to interdisciplinary communities and a European innovation eco-system, well beyond the world of research alone. May, 26th 2020 - OPEN CALLS
	Updated H2020 WP on EIC Pilot An updated version of the Horizon 2020 Work Programme on European Innovation Council - EIC Pilot has been published last 2nd March 2020. May, 5th 2020 - OPEN CALLS
	European financial support for the next technologies of our future Radical vision, technological breakthrough and ambitious interdisciplinary research are the gatekeepers capable to turn excellence science in radically new technologies. March, 5th 2020 - OPEN CALLS

The FETFX communication hub

// Today's featured stories



FET People

How can visionary science bring innovation into society?

CULTURE & SOCIETY

Nine Future and Emerging Technologies experts from the academia, the industry and the government answer the big question raised during the Innovative Enterprise Week Bucharest.

FET PROJECTS

Hi-tech and high-risk, FET research goes beyond what we know. Breaking down boundaries and developing fresh-thinking, to revolutionise the way we live our lives. Europe's passionate about it and supports brilliant researchers with the resources they need.

// Browse funded research projects

//////////////////// FILTER BY THEME

-  Artificial intelligence & IT
-  Biotech & Health
-  Culture & Society
-  Energy & Environment
-  Nanotech & Materials

//////////////////// FILTER BY RESULT

-  Innovation Radar winner
-  Registered patents
-  Prototyping phase
-  Start-up/spin-off launched

ABIOMATER

Building the next class of metamaterials that will address the present issues in our medical devices and implants

[NANOTECH & MATERIALS](#)



AMADEUS

Creating a new set of hybrid photovoltaic devices which are able to meet the ultra-high temperature capacity operated in latent heat thermal storage (LHTES)

[NANOTECH & MATERIALS](#)

AMECRYS

Cutting time and operation costs of biopharmaceuticals by revolutionising their manufacturing process

[BIOTECH & HEALTH](#)

ARTIMATTER

Creating thin layers of graphene as building blocks for new types of materials

[NANOTECH & MATERIALS](#)

ASSISlbF

Finding new ways to protect endangered species and the environment by integrating artificial intelligence-based robotic animals

[ARTIFICIAL INTELLIGENCE & IT
ENERGY & ENVIRONMENT](#)

Brain Bow

Restoring neuronal connections of patients that suffered brain damage due to accidents or strokes

[BIOTECH & HEALTH](#)

FET KNOWLEDGE HUB

Gain access to every piece of information regarding FET as you browse through our collection of resources produced, collected and curated by FETFX.

// Browse all FET resources

//////////////////// FILTER BY TYPE

- ☐ Reports
- ☐ Guides
- ☐ Event proceedings
- ☐ Dissemination materials
- ☐ Data sets



EIC Pathfinder Open – Proposal Template

The EIC Pathfinder Open has a dedicated Proposal Template available from 18th March 2021.

[GUIDES](#) // [Researchers, Innovators/investors](#) // [March, 18th 2021](#)



Work Programme EIC 2021

The EIC Work Programme 2021 published on 17th March 2021.

[March, 18th 2021](#)

The FETFX support...

CALL FOR FETFX EDITORIALS

FETFX is now accepting
regarding FET projects'
the market and news rel
and

bimonthly publication
info@fetfx.eu

FETFX
info@fetfx.eu www.fetfx.eu

YOUR NEWS
in our e-Magazine

Please fill in the below form and send it with if possible a PICTURE and/or a LOGO to illustrate the article.

Before drafting it, please have a look on our editorial lines below.

FOR A NEWS – A STORY / KEY INFORMATION NEEDED

News title:	Please fill in:
Your Text: (MAX +/- 200 to 300 words)	
Website link(s):	Please fill in:
If no link the source(s) of the news:	Please fill in:
News Keywords:	

FOR AN EVENT / KEY INFORMATION NEEDED

Event title:	Please fill in:
Event start/end date/period:	Please fill in:
Where? Venue:	Please fill in:
Your Text: (MAX +/- 200 to 300 words)	
Organised by:	Please fill in:
Co-organised/supported by:	Please fill in:
Website link(s):	Please fill in:
Size of the audience:	Please fill in:
Event Keywords:	Please fill in:

Before the event: what would be interesting to know is details of the objectives and the topics that will be covered.
After the event: details of the topics raised and if relevant, the possible outcomes resulting to this event.

EDITORIAL LINE

The text should be **NON-COMMERCIAL** information about cooperation, events, FET stories, case studies etc.
The text should follow a "journalistic" style and avoid using terms such as "we/our" but use "the organisation/their".

Type of news:

- FET funded projects related news
- European Innovation Council related news

Covering the following topics:

- Policy (non-controversial, no position paper),
- Business cooperation
- Technology transfer cooperation
- Research collaboration

Below listed are some examples of news that would be relevant for the newsletter:

- Cooperation (business, R&D-innovation or interdisciplinary research) raising from a FET funded project
- Information about the FET funded project that would be of interest to EU readers (e.g. relevant result, event)
- Support for European FET funded projects
- Information about high level publication (e.g. Nature, Science) or Prize

For case or success stories: what would be interesting to know are details of the process/strategy followed by the FET project in order to enter the market or solve a societal challenge. The main issues/challenges faced by the FET project technology, the long vision behind it, the interdisciplinary collaboration as well as the staff involved (e.g. young researchers and High Tech SMEs) could be at the basis of your article.

FETFX
info@fetfx.eu www.fetfx.eu

YOUR NEWS
in our e-Magazine

TIMELINE

- **Call for texts:** The FETFX project is open to publish the news sent by its network of potential contributors
- **Deadline:** the last day for the contributors to send the material (texts and pictures) will be 15 days prior the bi-monthly publication (e.g. 15th May, 15th July, 15th Sept. and 15th November)
- **Issues:** The e-Magazine will be published on a bi-monthly basis. Four editions will be published in 2019 (June, August, October and December).
- Document online on: <http://www.fetfx.eu/out-of-the-lab-resources/>

For any additional queries, feel free to contact us.

Many thanks for your cooperation and best regards,

FETFX Project Coordinator: Marta Calderaro
TEL +39 6 4893 9993 / info@fetfx.eu

FETFX

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Info@fetfx.eu

Access2EIC: The EIC (and A2RF) NCP network.

How can we help you to access the EIC?

26 March 2021



What is the ACCESS2EIC project?

ACCESS2EIC is the network of 15 partners who share the common purpose to work as a network of EIC (FET and SME) and ARF NCPs supporting national applicants and raising the quality of applications submitted under the enhanced EIC Pilot 2019-2020.

Participant No	Participant organisation name	Country
1 (Coordinator)	APRE	Italy
2	CDTI	Spain
3	FFG	Austria
4	IPPT PAN	Poland
5	IIA	Israel
6	DLR	Germany
7	INNOVATION NORWAY	Norway
8	BPIFRANCE	France
9	FORTH	Greece
10	ENTERPRISE IRELAND	Ireland
11	ANI	Portugal
12	GIS TF	Bulgaria
13	CVTISR	Slovakia
14	NKFIH	Hungary
15	TC CAS	Czech Republic



Which are ACCESS2EIC objectives?

- Identify and share good practices in how to support applicants to access the EIC and A2RF programmes in H2020.
- Develop together useful tools for participants that may simplify their access to EIC Pilot calls.
- Organize and deliver training for the whole EIC & A2RF NCP networks community in relevant areas.



What tools can we offer?

EIC Pathfinder
Factsheet
Q2 2020

EIC T2I
Factsheet
Q2 2020

EIC Accelerator
Annotated template
EIC Accelerator
Annotated pitchdeck

**InnovFIN &
InvestEU
guide**

TRL1-TRL3

TRL4- TRL5

TRL6-TRL8

TRL9

EIC Pathfinder

EIC T2I

EIC Accelerator (blended finance)

InnovFIN
InvestEU

Grant

Grant + equity

**Financial
instruments**

MRL0-MRL1

MRL2-MRL3

MRL4 – MRL6

MRL7-MRL8

MRL9

Toolbox for
R&D based
businesses

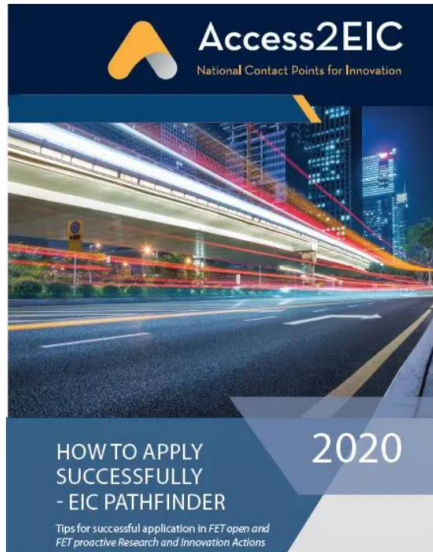
**SME
Toolbox**

Due diligence dashboard
Annotated Annex IV



Example of tools

The Access2EIC Pathfinder guide



Focus on businesses coming out from research (FET experienced) in order to help to frame better their way to market.



Access2EIC tools: From technology to business

The Access2EIC Tips for successful application – EIC Pathfinder is a guide created to assist organizations who are looking to submit a proposal to the EIC Pathfinder FET Open and Proactive calls in 2020, and receive useful information and tips for the application.



- Official updated template.
- New evaluation criteria included.
- Comments from evaluators
- Recommendations from NCPs.

Based on remote evaluators, winning SME and start ups proposals and NCPs experiences

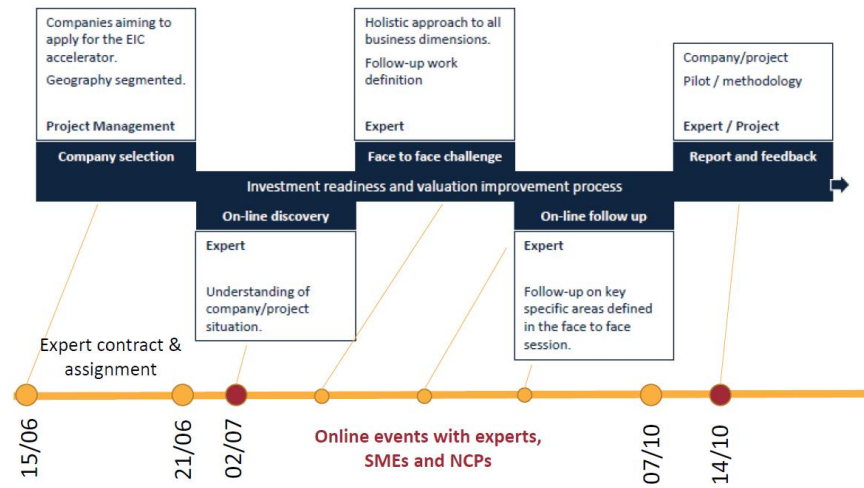


Example of services

The Access2EIC -Seal of Excellence community

It aims at gathering high potential European companies that received from the European Commission a "Seal of Excellence" certificate and European equity investors. It takes the cue from the successful experience run under the **Access2EIC** project.

Company face 2 face «valuation»



It provides coherence for the EIC blending.

It tested external & personalized approach to:

- Business case key advantages;
- AnnexIV data & projections;
- Milestones & equity need;
- Company valuation & exit scenarios

by using a common methodology for 5 pilot countries (2-3 companies per country)



2. Access 2 EIC community – Key Figures and actions

COMMUNITY KEY FIGURES	NUMBER OF COMPANIES
Number of members Access2EIC community	1911
Number of SMEs in Access2EIC community	1843
SMEs registered since January 2020	356
Seal of Excellence companies labeled	1341
Number of AZEIC SMEs participating in other EU-funded communities (BlueInvest, InvestHorizon, ESNL and BuildInvest)	458
Number of AZEIC SMEs labeled by InvestHorizon Accelerator	79
Visits on EuroQuity	1011 - (55,45%)
Number of Seal of Excellence companies' profiles visited by potential investors and partners	524 - (28,43%)
Messages	63
Number of Seal of Excellence companies contacted by investors and potential partners	63
Number companies that have participated in the pitching event sessions (online and onsite)	
ACTIONS TO BE UNDERTAKEN BY EUROQUITY	
Organization of a webinar "Onboarding Seal of Excellence companies"	28 October
Publish new contents in the Access2EIC community	Ongoing
Organization of a pitch session	24 November



What else can ACCESS2EIC offer you?



Training

- Onsite Training for NCPs
- Online Training for NCPs and participants
- Cousera selection for horizontal training

For “Seal of Excellence” holders only

Periodic e-pitches through Euroquity

Pitch contest back to back to EU events

Pitching to investors



Events

- Online webinars on EIC with the COM
- Onsite events on EIC issues with the COM
- Accessible via: <https://access2eic.eu/eventi/>



Access2EIC

National Contact Points for Innovation

1N73LL1G3NC3
15 7H3
4B1L17Y
70 4D4P7 70
CH4NG3
- 573PH3N H4WK1NG

Contact us:
Alessia Rotolo
rotolo@apre.it

Follow us:
[@Access2EIC](https://twitter.com/Access2EIC)

www.Access2EIC.eu



EIC Programme Managers and proactive management

Walter Van de Velde

FETFX – Access2EIC event
26 March 2021



The current EIC Programme Managers

Iordanis
Arzimanoglou

Biotechnology and Health



Enric Claverol-
Tinturé

MedTech and Medical Devices



Francesco
Matteucci

Materials for Energy and Environment



Antonio Marco
Pantaleo

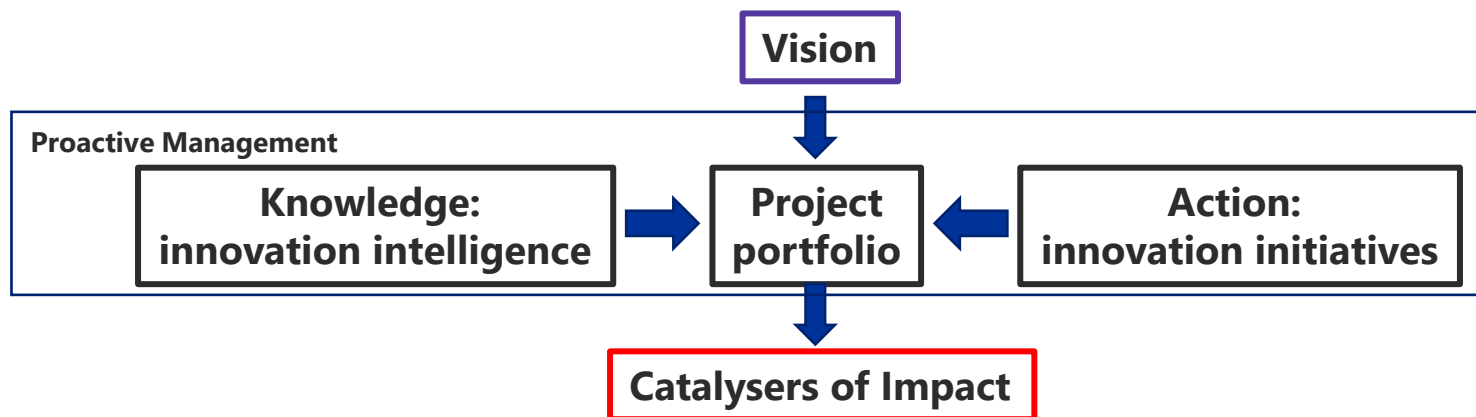
Energy Systems





EIC Programme Managers

bringing together cutting-edge expertise and visionary drive to turn new technological breakthroughs into relevant and responsible innovations for Europe and for the world: ready to work with others, to accelerate where possible, to be patient where needed, to learn from mistakes and, ultimately, to share the successes



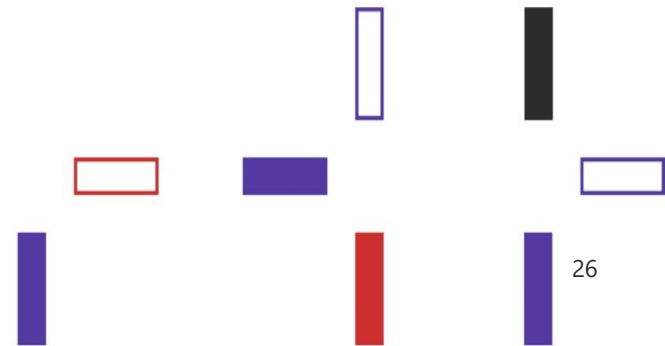


Portfolio approach

Challenge portfolio approach:

- a coherent set of projects exploring different perspectives, competing approaches or complementary aspects of the Challenge;
- multidisciplinary interactions and exchanges for synergies and serendipity;
- contributing to an overarching medium to long-term business goal and technology-based strategic plan, under the supervision of an **EIC Programme Manager**.

Projects will participate in relevant portfolio activities.





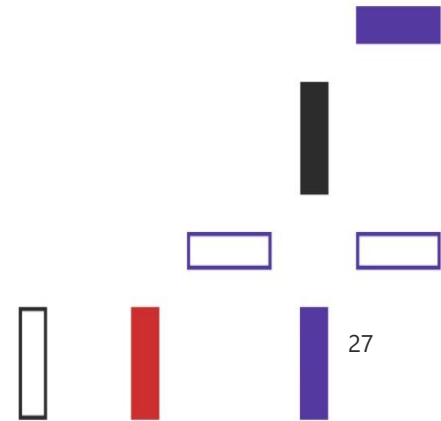
EIC Portfolios

Programme Managers overlook different portfolios of projects

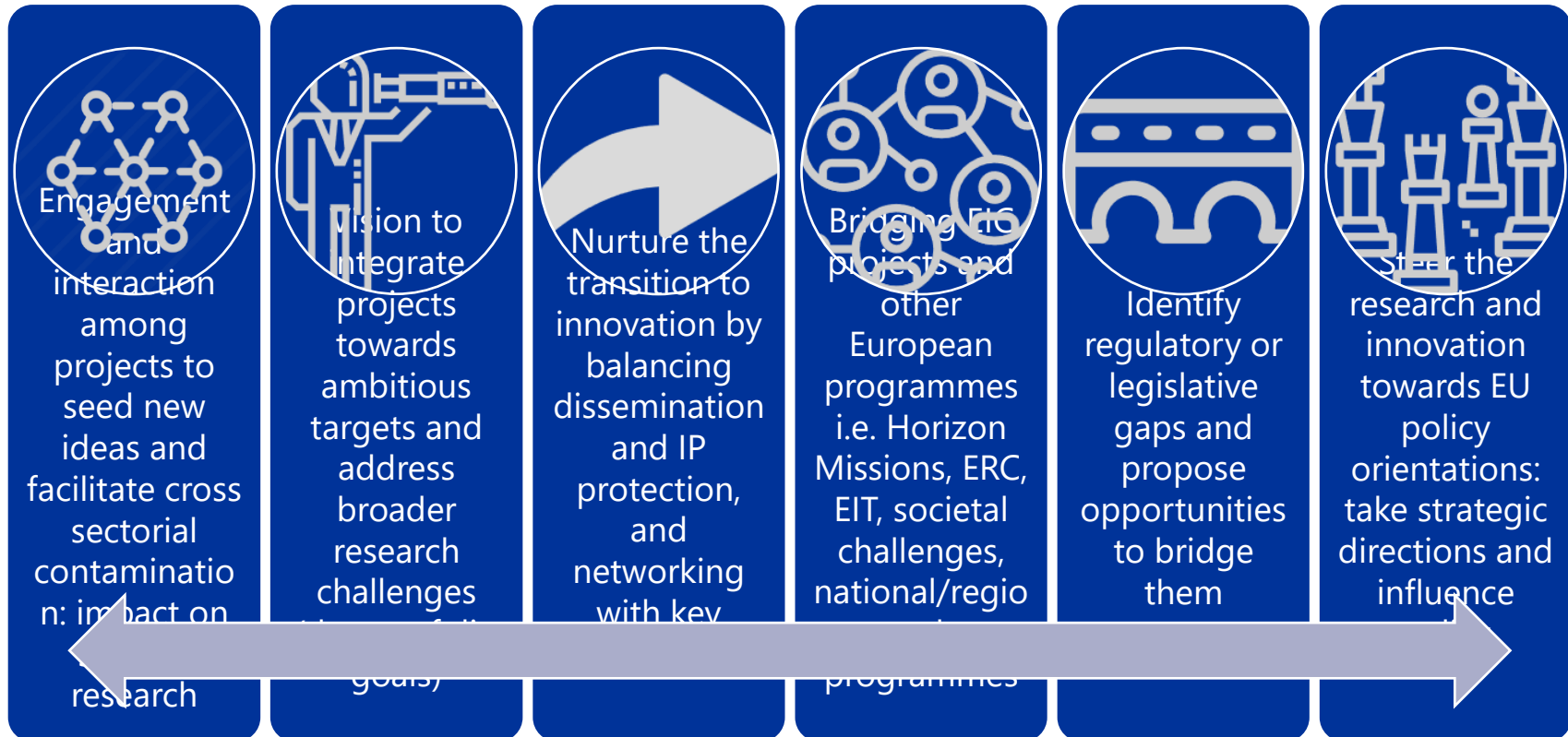


A range of
Portfolio
Activities

Portfolios are initially centred on Pathfinder, but can be extended with Transition and Accelerator Actions, or with non-EIC funded ones.



Proactive Management: Impacts





PM: Roles

Networking with other programmes and
with innovation ecosystem communities

Building strategic intelligence
and portfolios

Outreach and organization of events,
participation to national events /
workshops

Strategic assessment
and clustering of projects

**EIC
Proactive
Management**

Fostering an innovation
attitude among the POs



Pathfinder Challenges for 2021

Pathfinder Challenges	Programme Managers
1. Awareness inside	Walter VAN DE VELDE (Acting)
2. Tools to measure & stimulate activity in brain tissue	Enrique CLAVEROL-TINTURE
3. Emerging Technologies in Cell & Gene Therapy	Iordanis ARZIMANOGLU
4. Novel routes to green hydrogen production	Francesco MATTEUCCI Antonio Marco PANTALEO
5. Engineered living materials	Barbara GERRATANA (Acting)



EIC Programme Managers and proactive management

Walter Van de Velde, EIC

FETFX – Access2EIC event
26 March 2021



What is holding back European Innovation?

Innovation performance

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

Innovation funding

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

Innovation ecosystem

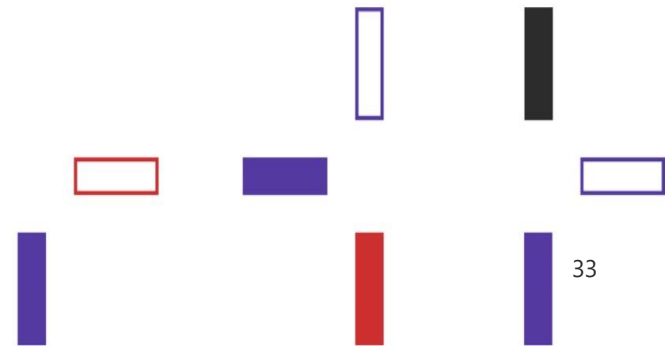
- Many national & local ecosystems, but **fragmented at European** level
- Need to **include all regions and all talent** (especially female innovators)



What is holding back European Innovation?
i.e., systemic analysis

What is holding back European Innovation?
i.e., an institutional analysis

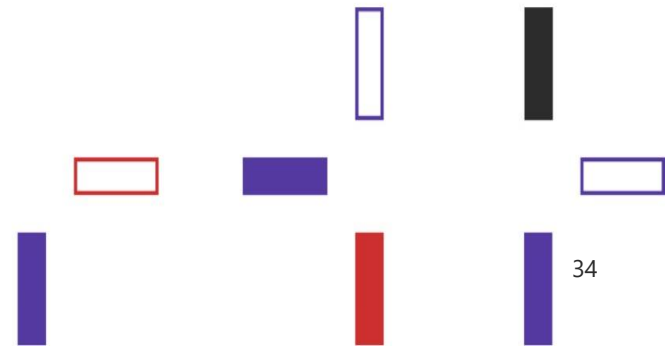
- **Complexity of making difficult choices**
- **Defused leadership**





EIC Programme Managers – a key novelty of the EIC

With the Programme Managers, the EIC puts a face on its hands-on leadership in new, high-impact science-driven technology areas, so called ‘deep tech’.





The current EIC Programme Managers

Iordanis
Arzimanoglou

Biotechnology and Health



Enric
Claverol-Tinturé

MedTech and Medical Devices



Francesco
Matteucci

Materials for Energy and Environment



Antonio Marco
Pantaleo

Energy Systems





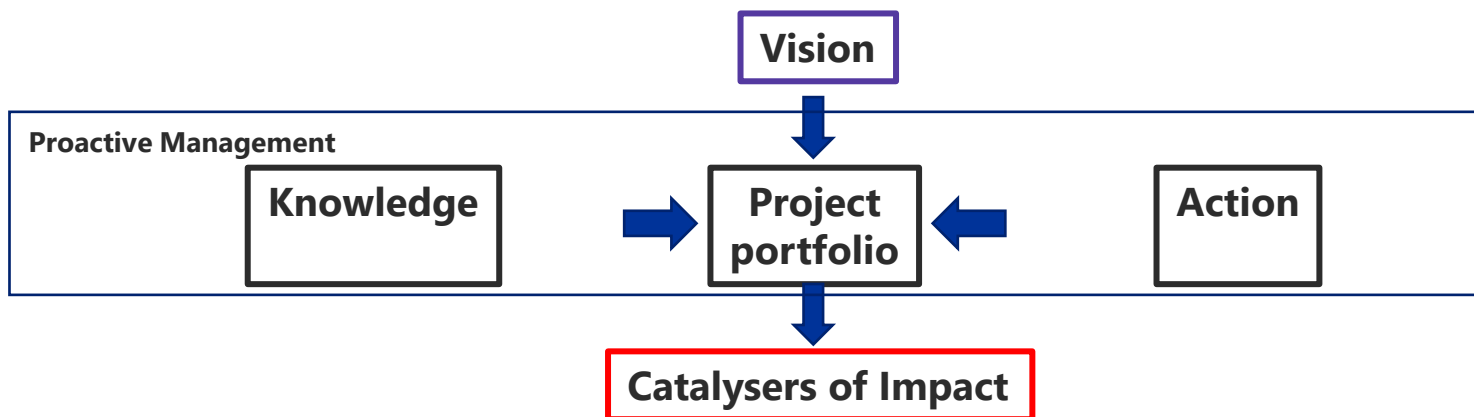
EIC Pathfinder Challenges for 2021

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EIC Programme Managers

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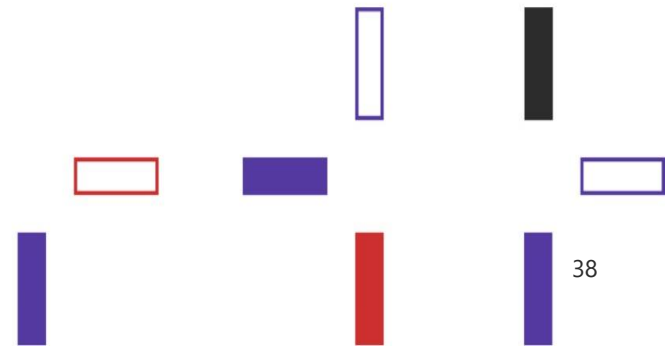


Portfolio approach

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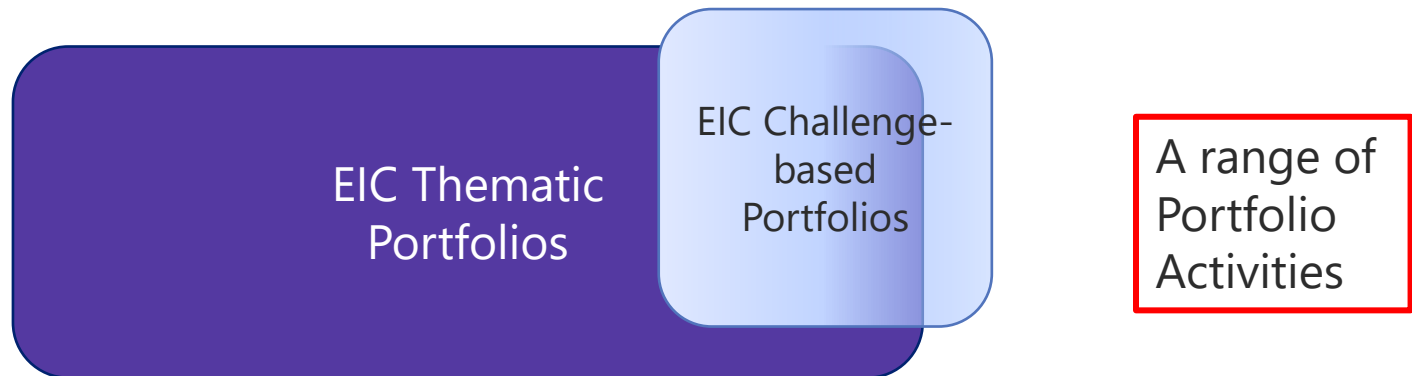
Projects will participate in relevant portfolio activities, driven by the Programme Managers.





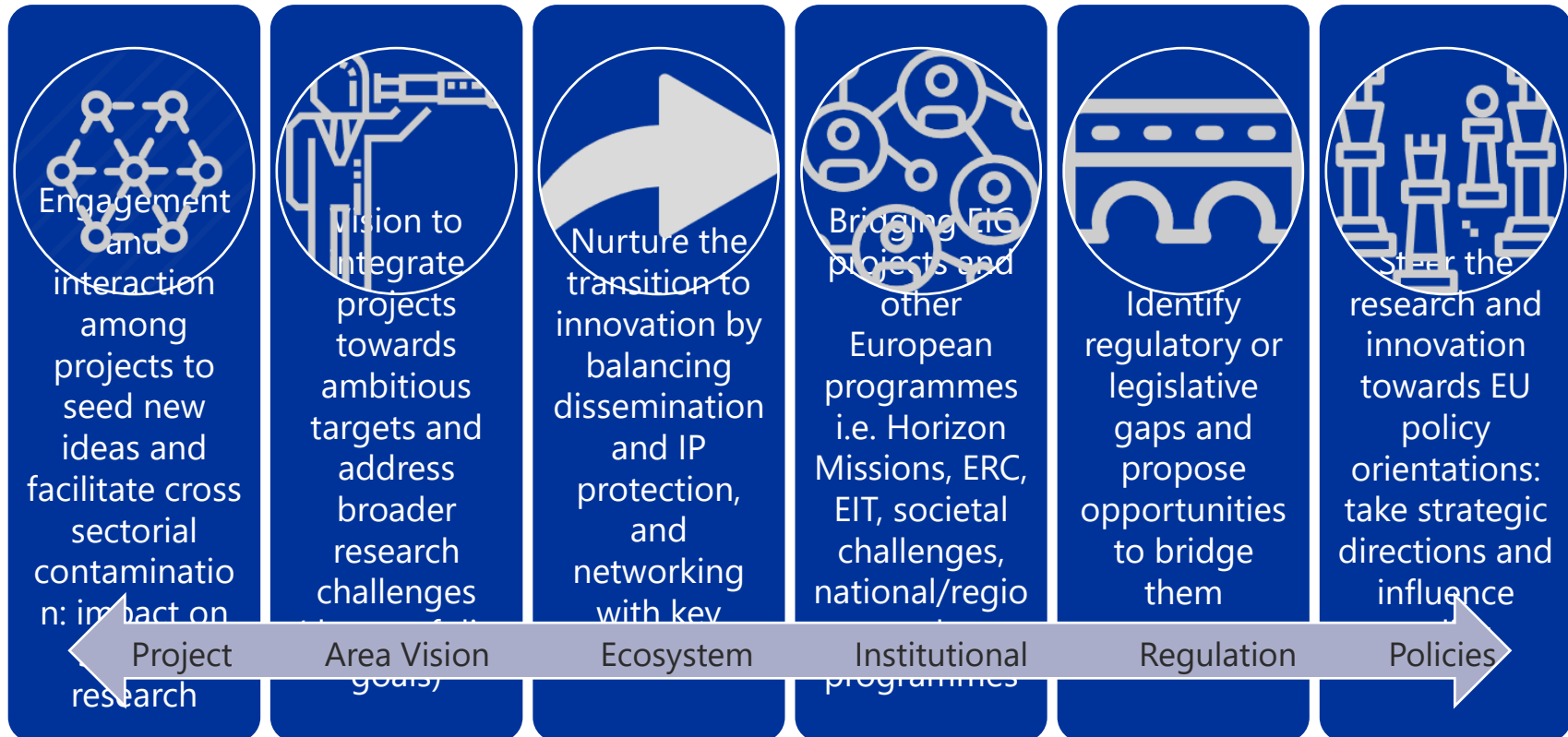
EIC Portfolios

Programme Managers pro-actively manage different portfolios of projects, in tandem with the POs



Portfolios are initially centred on Pathfinder, but can be extended with Transition and Accelerator Actions, or with non-EIC funded ones.

Proactive Management: Impacts





PM: Roles

Networking with other programmes and
with innovation ecosystem communities

Building strategic intelligence
and driving portfolios accordingly

Outreach and organization of events,
participation to national events /
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Strategic assessment
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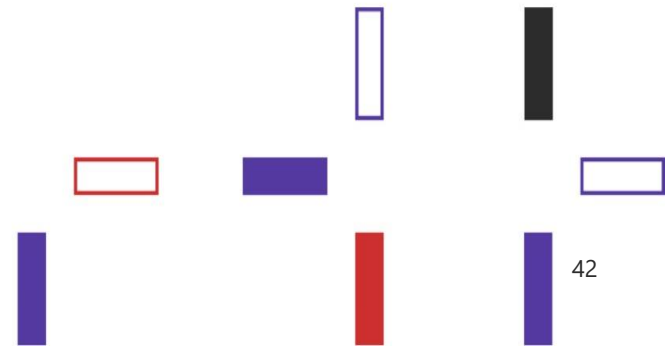
**EIC
Proactive
Management**

Fostering an innovation
attitude among the POs



Programme Managers in Horizon Europe

- A diverse team of ~10 Programme Managers,
- with a term of ~4 years.
- Covering all technology areas broadly
- With strong visions for new deep-tech developments
- Expanding portfolios across all schemes of EIC (and beyond)
- High autonomy to manage their portfolio(s) towards impact
- A prestigious career opportunity in deep-tech Science and Innovation





Thank you!

www.eic.ec.europa.eu

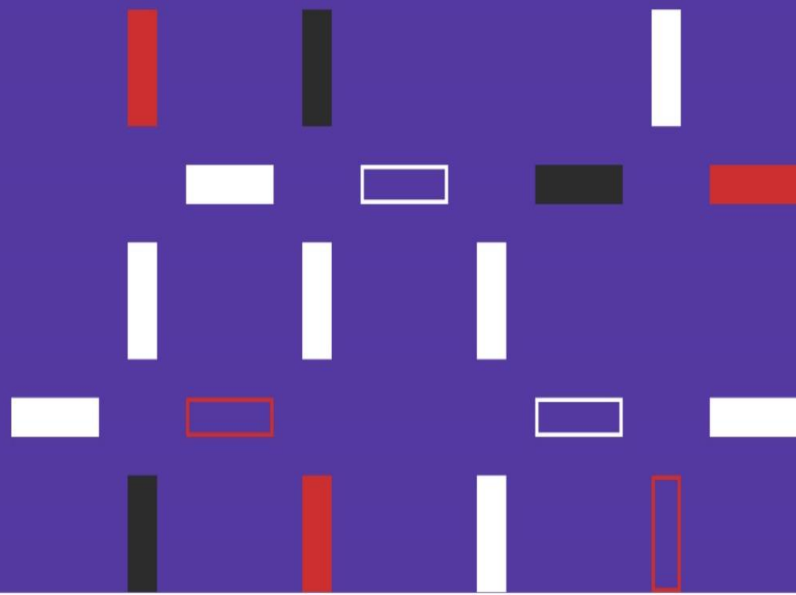
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#Eueic

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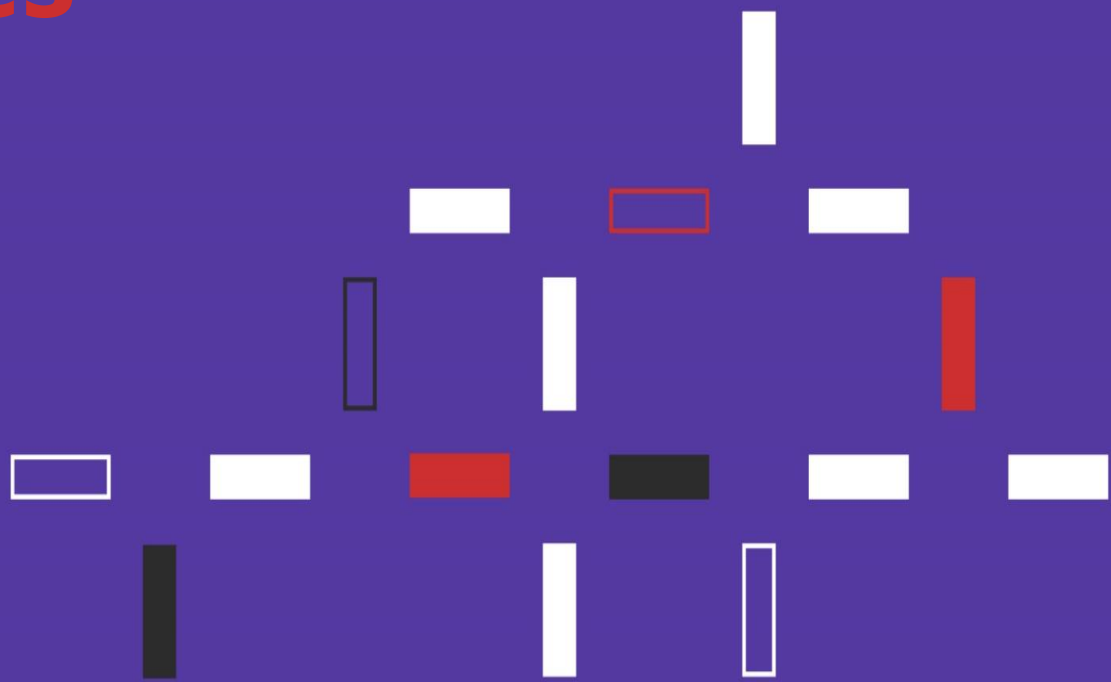
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EIC Pathfinder Challenges

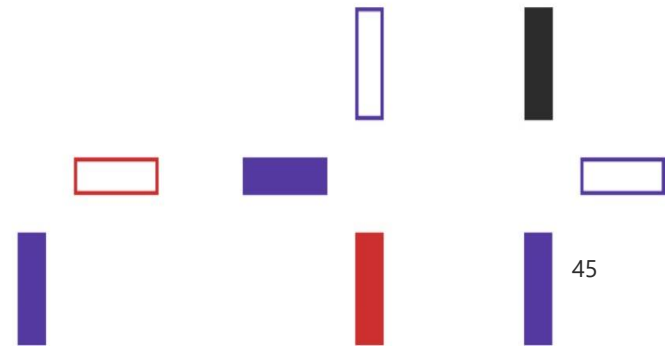
Topics





The Pathfinder Challenges for 2021

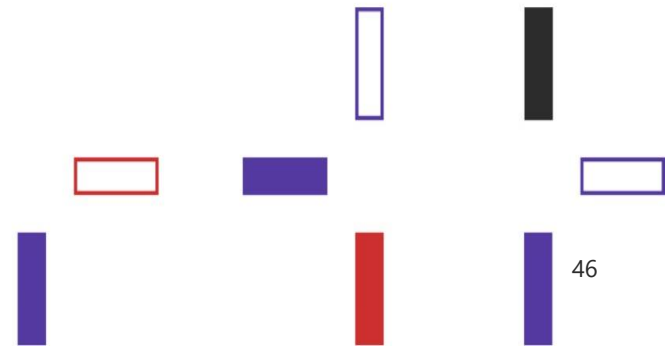
1. Awareness inside
2. Tools to measure & stimulate activity in brain tissue
3. Emerging Technologies in Cell & Gene Therapy
4. Novel routes to green hydrogen production
5. Engineered living materials





Pathfinder Challenges for 2021 (1/2)

1. Awareness inside: to **develop new concepts of awareness** that are applicable to systems other than human, including technological ones, with implications of how it can be recognised or measured, to demonstrate and validate the role and added-value of such an awareness in an aware technology, class of artefacts or services, to **define an integrative approach for awareness engineering**, its technological toolbox, the needs and implications and its limits, including ethical and regulatory requirements.
2. Tools to measure & stimulate activity in brain tissue: to **develop novel neurotechnologies to diagnose or treat brain, spinal cord or peripheral nerve-related disorders** and which can be rapidly accepted by clinicians and patients.



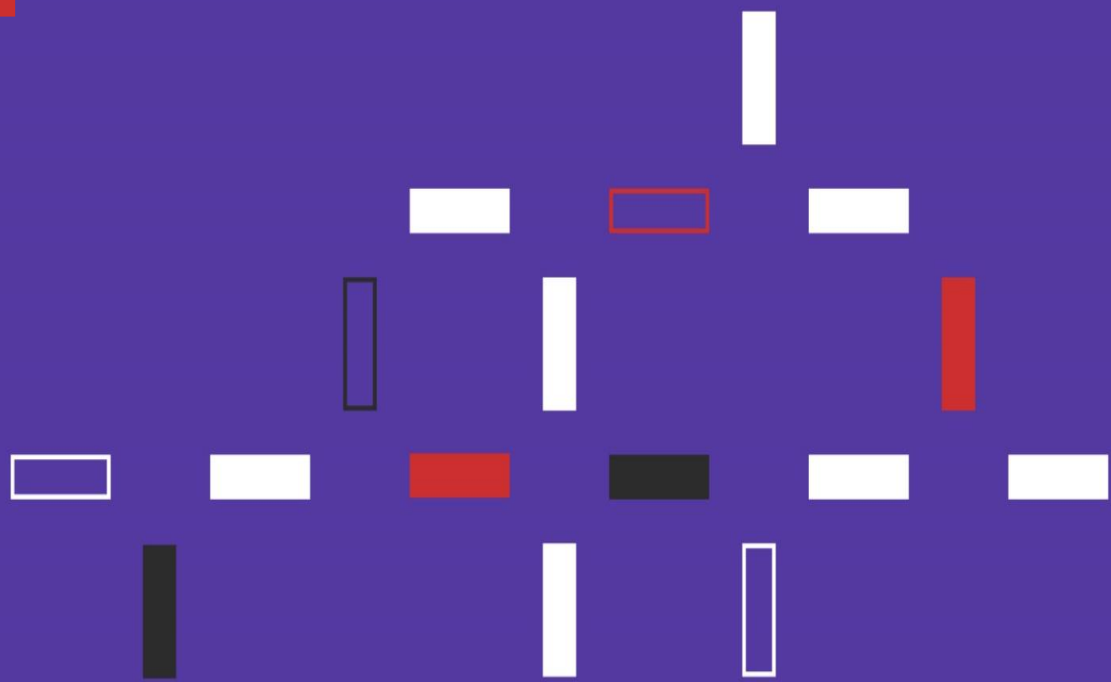


Pathfinder Challenges for 2021 (2/2)

3. Emerging Technologies in Cell & Gene Therapy: to advance the domain of the Cell and Gene therapy (CGT) by funding **breakthrough** projects that propose **novel concept-based** technological solutions **or technological platforms** far beyond the current **state-of-the-art with aim to tackling** current bottlenecks from discovery to the manufacturing step **towards clinical grade and thus**, reinforce critical components of the European cell and gene therapy innovation-driven community.
4. Novel routes to green hydrogen production: to **develop novel processes and technologies to produce Green H₂**, at different scales (from small to large) and with higher flexibility, entirely based on renewable sources and on the use of toxic free, non-critical raw materials.
5. Engineered living materials: to **position strategically Europe at the forefront** of the newly emerging Engineered living materials (ELMs) field and **to overcome the technological challenges** to harness the engineering potential of nature for the production of living materials by supporting the development of new technologies and the nascent community in this field.



EIC Pathfinder Calls 2021

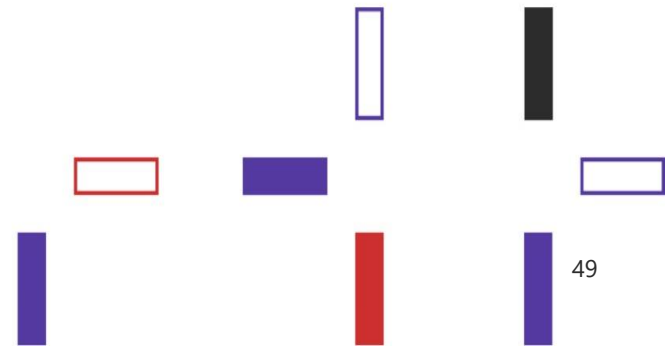




What is the EIC Pathfinder?



where new deep-tech is born

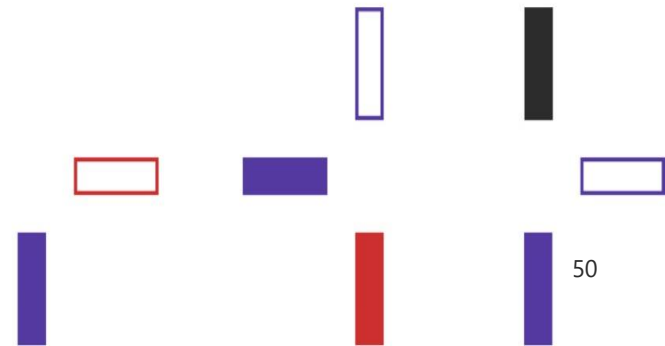
The EIC Pathfinder programme funds **research** to **develop the scientific basis** to underpin **breakthrough technologies**.





EIC Pathfinder funding schemes

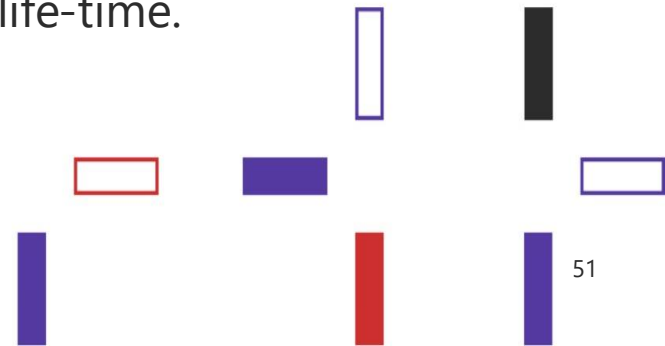
- **EIC Pathfinder Open**  bottom-up approach with no predefined topics
- **EIC Pathfinder Challenges**  top-down challenge-driven calls for tackling specific technology breakthroughs by portfolios of projects





Pathfinder Challenge Guides: PMs vision and strategy

- The Challenge Guides **provide more information** about the specific objectives of each EIC Pathfinder Challenge, e.g.:
 - a detailed assessment of the state of the art and related (existing) projects in the field
 - technical information to underpin the objectives
 - potential societal, economic, environmental impacts if the objectives are achieved
 - portfolio considerations for constituting a coherent set of projects
 - portfolio activities.
- The Challenge Guides will be **published when the call opens (15 June 2021, tentatively)** on the EIC website and through the EU Funding & Tender Opportunities Portal.
- They will accompany the portfolios throughout their life-time.





Calls 2021 – Summary table for all funding opportunities

	Pathfinder Open	Pathfinder Challenges	Ad hoc grant
Total budget	€168 million	€132 million	Max. 1% of Pathfinder call budget
Proposals (indicative)	Up to €3 Mio	Up to €4 million	Up to €50000
Funding rate	100% of eligible costs	100% of eligible costs	100% of eligible costs
Opening		15 June 2021	-
Deadline		27 October 2021 at 17.00 CET	Not applicable
Length of proposal	17-page proposal – Section 1 to 3	25-page proposal	Not applicable
Applicants	<p>Consortia: Min. 3 partners from 3 different MS/AC (of which at least 1 partner in a MS)</p> <p>Legal entities: all types are eligible</p>	<p>1. Single legal entities in a MS/AC (conditions apply)</p> <p>2. Consortia:</p> <ul style="list-style-type: none"> - If 2 partners: from different MS/AC, otherwise - Min. 3 partners from 3 different MS/AC (of which at least 1 partner in a MS) <p>(unless differently stated in the Challenge chapter)</p>	No specific requirement: either an individual grant holder or a group of grant holders.



Biotechnology and Health

Iordanis Arzimanoglou

Iordanis Arzimanoglou has 30 years of postdoctoral international career in the crossroads of genetics and innovation having held research and senior management positions at both operational and strategic levels. He was the CEO of the Thessaloniki Innovation Zone managing company, and prior to that, CEO of the Aarhus Biotech Cluster managing organization, Denmark. In both his CEO appointments, he managed complex portfolio and shareholder interests and expectations in a cross-functional matrix setting and supervised the drafting of the strategy plans. The Danish Regional Authorities, former ERC Chairman, Cornell Medical College Professor and big bioindustry global head, have all previously acknowledged the international impact of his scientific and/or strategic management work. He has advised dozens of innovative AI-based diagnostics, drug discovery and therapeutic SMEs in 11 different European countries and has helped EC/REA and EIT. As an academic, he was Adjunct Associate Professor with the University of Aarhus, Department of Biomedicine. Earlier in his career, he was Assistant Professor of Molecular Genetics at Weill Medical College of Cornell University, New York and prior to that, he was Chief of Cancer Genetics Research Program at Lenox Hill Hospital, New York. Before joining Lenox Hill, he was a research scientist in the Division of Medical Genetics at Weill Medical College of Cornell University, New York. Iordanis holds a PhD from the University of Athens, Greece in Molecular Genetics and Biochemistry, a Boston University Graduate Certificate in international business management and performed his postdoctoral work in the Department of Medicine at Weill Medical College of Cornell University, New York.





MedTech and Medical Devices

Enric Claverol-Tinturé

Enric Claverol-Tinturé oversees the Medical Technologies and Medical Devices portfolio at the EIC, bringing over 20 years of experience in the field. His background encompasses strategy for science to market programs, founder of medtech startups and lead in technology development and commercialization projects. He contributes technical, financial, operational, regulatory and market expertise as required in the full life cycle of new medtech products and services. Moreover, Enric has experience in the coordination of EU projects as well as in evaluation of proposals as scientific and innovation expert. In his early career, he was a tenured academic, head of the neuroengineering program at the Catalonia Bioengineering Institute (IBEC). Previously trained at the California Institute of Technology and Los Alamos National Laboratory (postdoctoral fellow) in the US, and at the University of Southampton in the UK (PhD). His business academic education includes Harvard Business School (Mergers and Acquisitions Exec. Ed.), Haas Business School at the University of Berkeley (Venture Capital Exec. Ed.) and ESADE Business School (Business Directors Program).

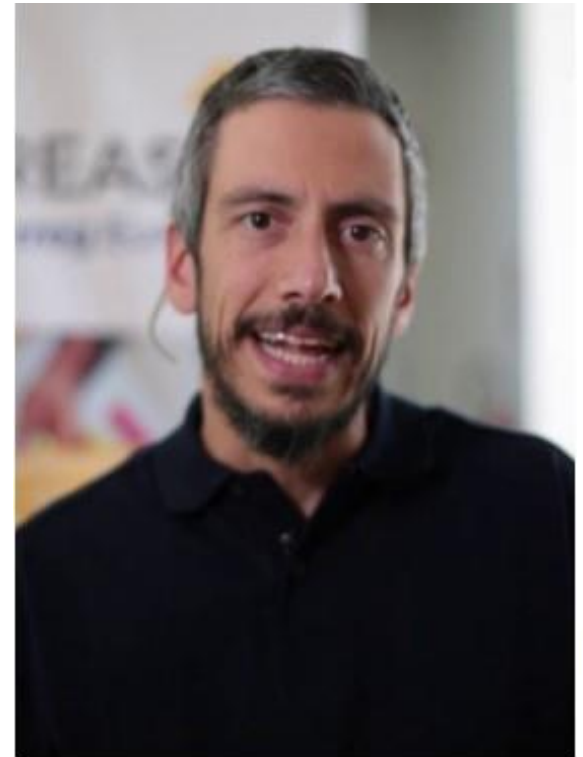




Materials for Energy and Environment

Francesco Matteucci

Francesco worked from 2000-2006 as a temporary researcher at the CNR-ISTEC in materials science getting the PhD in Earth Science at the University of Ferrara with a short period grant at the Cambridge University. From 2006-2013, he was employed as Corporate R&D Manager in an EPC and O&M renewable (mini-hydro, PV and Wind farms, biomass power plants) energy company. He cofounded and was Chief Operating Officer / General Manager of three innovative corporate start-ups (manufacturing of small wind turbines and development of third generation PV cells) and Manager of 3 R&D joint-labs (energy storage systems, green H₂ production and use, nanomaterials for third generation PV cells, microalgae) within CNR-ITAE, CNR-NNL and an Italian University. In 2014, he acted as Director of the Emilia Romagna Regional Innovation Centre of the Climate KIC where he worked to create partnerships between different actors of the EU Cleantech ecosystem of innovation. From 2014-2020 he mentored some start-ups and co-managed a Living Lab on Nanotechnologies and a Master on Innovation Management in Apulia Region. He was Project Manager in different R&D&I Funded Projects (e.g. TARANTO and FONTANAPULIA Project on water depuration technologies), Manager of the Clean-Tech Emilia Romagna Cluster (GREENTECH), Adjunct Professor at the University of Ferrara, strategic advisor and Innovation Manager for some R&D&I Centres/Labs and President of a CNR Spin-off company working on innovation in materials science. Since October 2020, he is one of the Programme Managers on Energy and Environment within the European Innovation Council.





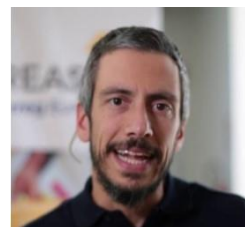
Energy Systems

Antonio Marco Pantaleo

Antonio Marco has 20 years of experience in multidisciplinary research projects in renewable and clean energy technologies (solar, wind, biomass, and hybrid), energy systems integration, bio systems engineering, energy use in agricultural engineering and food processing technologies. He holds a first degree in electric engineering and a PhD in process systems engineering from Imperial College London, where he is affiliated as research fellow to the Clean Energy Processes Lab (CEP) and Centre for Process Systems Engineering (CPSE) of the Department of Chemical Engineering. He is associate professor of clean energy technologies at the Department of agro-environmental sciences of the University of Bari. Before joining the University, he co-founded an energy service company, joined Edison Energie Speciali as wind and biomass energy engineer and the strategic planning division of GSE. He worked as scientific expert and consultant for a number of public and private organisations, including the Italian Ministry of Research, and was vice-Rector for energy policy of University of Bari. Antonio authored over 100 scientific papers and delivered speeches to several scientific conferences and workshops, and is member of IEA working group on energy storage, of ASME technical committee on clean fuels, delegate for energy in the Italian Sustainable Universities network. Since October 2020, he is programme manager at EIC for energy systems and green technologies.



Roundtable



Moderator: Valeria Nicolosi

Panelists:

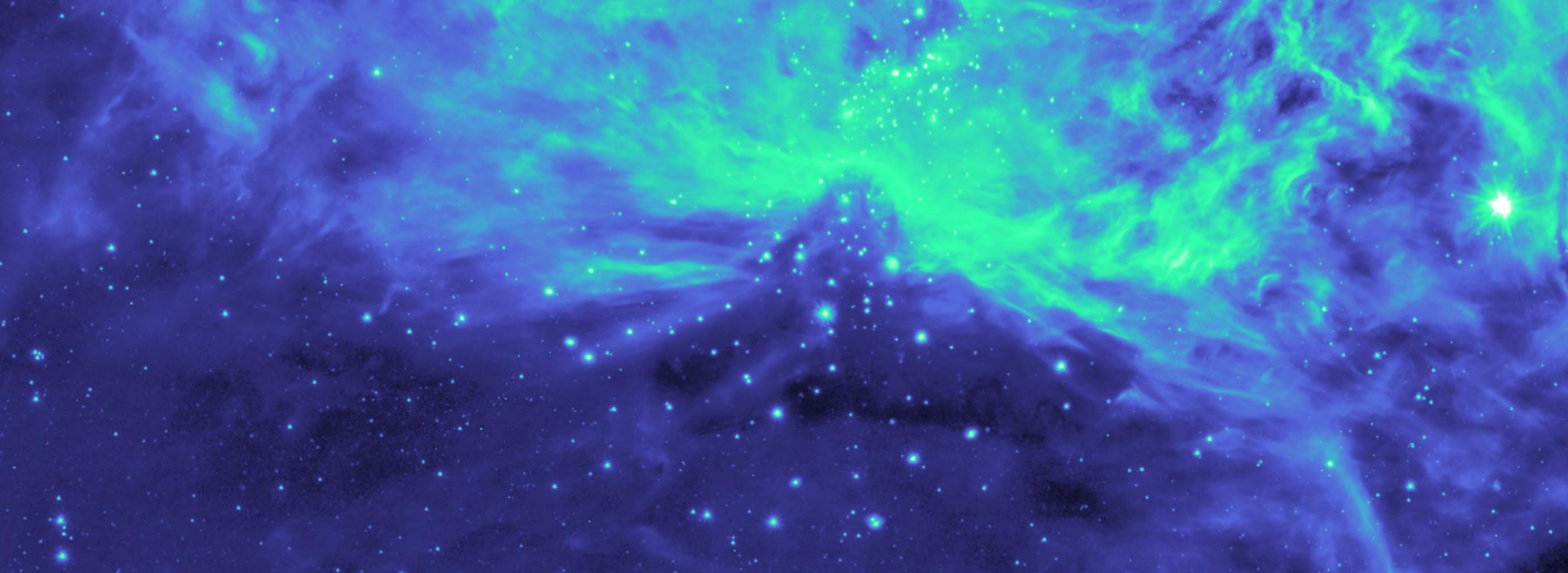
Iordanis Arzimanoglou

Enrique Claverol Tinturé

Francesco Matteucci

Antonio Marco Pantaleo

Walter Van de Velde



Thank you!