



EU Funding – Horizon Europe & Co

Michael Oberhuber



Horizon Europe

New Common Agricultural Policy (CAP)

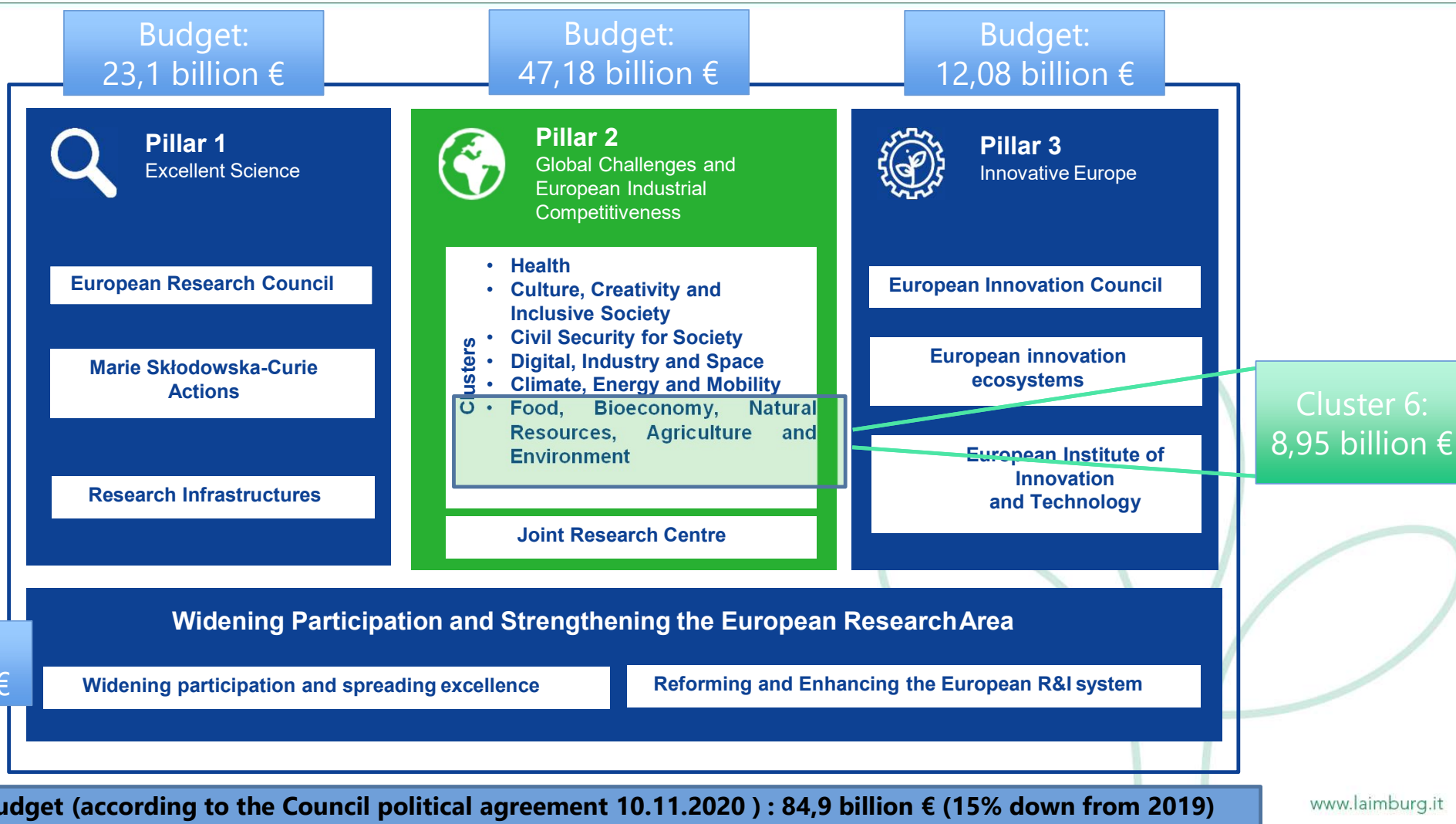
Operational Programmes and the Common Market

Organization for Fruit and Vegetables (CMO OP's)

Horizon Europe: European Innovation Council (EIC)



Horizon Europe: Structure



Horizon Europe – What is New?

Lessons Learned

from Horizon 2020 Interim Evaluation

-  Support breakthrough innovation
-  Create more impact through mission-orientation and citizens' involvement
-  Strengthen international cooperation
-  Reinforce openness
-  Rationalise the funding landscape
-  Encourage participation

Key Novelties

in Horizon Europe

European Innovation Council

R&I Missions

Extended association possibilities

Open science policy

New approach to Partnerships

Spreading Excellence

Horizon Europe
legislative
package

Strategic Plan
2021-2024

Work
programme
2021-2022

Calls for
proposals

Summer 2019

Horizon Europe: 5 Missions

These research and innovation missions aim to **provide solutions to some of the biggest challenges** facing the world. Each mission is a mandate to solve an urgent challenge in society within a **given timeframe and budget**.

The 5 missions with some of their objectives for 2030 are:

- **Adaptation to climate change**, including societal transformation: Preparing Europe to cope with climate change disruptions
- **Cancer**: more than 3 million lives saved, longer and better lives, a thorough understanding of cancer
- **Healthy oceans, seas, coastal and inland waters**: cleaning of marine and fresh waters, restoration of degraded ecosystems and habitats
- **Climate-neutral and smart cities**: 100 European cities support and demonstrate a systematic transformation to climate neutrality by 2030.
- **Soil health and food**: at least 75% of all soils in the EU are healthy for food, people, nature and climate.



Horizon Europe: The Strategic Plan

Strategic Plan: defines Horizon Europe intervention logic/priorities 2021-24

36 Impacts: impacts 31 to 36 in connection with cluster 6

7 Destinations: coherent packages of calls and topics in the first work programme for Cluster 6 that will contribute to the impacts 31-36



Horizon Europe: Cluster 6 Work Programme 2021-2022 Structure

Strategic Plan

Impact 31 Climate neutrality and adaptation to climate change

Impact 32 Preservation and restoration of biodiversity and ecosystems

Impact 33 Sustainable and circular management of natural resources; tackling pollution; bioeconomy

Impact 34 Food and nutrition security for all from sustainable food systems from farm to fork

Impact 35: Balanced development of rural, coastal and urban areas

Impact 36: Innovative governance models enabling sustainability, environmental observation

Work Programme

Destination 5 – Land, oceans and water for climate action

Destination 1: Biodiversity and Ecosystem Services

Destination 3 – Circular economy and bioeconomy sectors

Destination 4 – Clean environment & zero pollution

Destination 2 – Fair, healthy and environmentally-friendly food systems from primary production to consumption

Destination 6 – Resilient, inclusive, healthy and green rural, coastal and urban communities

Destination 7 – Innovative governance, environmental observations and digital solutions in support of the Green Deal

Horizon Europe: Cluster 6 and the European Green Deal



Draft Work Program - Cluster 6 (2021-2022)

Draft work program 2021-2022 at a glance

Topics are **very general** and interdisciplinary

Proposals expected to **impact on Destinations**, not only the call topic

No single value chains mentioned, focus on the **whole food system**

Key topics: Digitalisation and smart solutions, sustainable farming, healthy and sustainable food systems, circular economy and bioeconomy, clean soils and waters...

Multi-actor projects: links to EIP-AGRI (communication, involvement of operational groups)

«**Fruit**» mentioned **only twice** on > 400 pages:

HORIZON-CL6-SFO-2022-00-00: Building alternative protein-friendly sustainable and healthy food environments (Innovation Action): ...

The food environment, which makes the link between food supply and diets, is one of the determinants of both consumers' choices and food production. As such, food environments are essential to enable a dietary shift towards less livestock-based and less highly processed food (e.g., **more fresh and processed fruit and vegetables** to tackle the over-consumption of meat and dairy), and much more R&I is needed on food environments to ensure that it can help achieve environmental sustainability and health objectives.

HORIZON-CL6-BIO-2022-00-00: EU-China international cooperation on unlocking the potential of agricultural residues and wastes for circular and sustainable bio-based solutions (RIA):

Agriculture generates co-products, by-products and waste streams that are often not treated adequately in environmental and economic terms. In crop cultivation, losses can be observed at farm and post-harvest levels and downstream along the value chain. **Co-products or by-products** are generated, for instance **in the wine, fruit and vegetable**, olive oil, starch or sugar sector, **which offer potential for further valorisation of the resources....**

New Common Agricultural Policy (CAP)

- **20.10.2020:** The Council agreed its negotiating position (general approach) on the Common Agricultural Policy (CAP) reform package after 2020
- The **trilogues** (EU Parliament – EU Council – EU Commission) can start
- For the first time, CAP **funds will be assigned** on the basis of the **results achieved** rather than mere compliance with regulations.
- The agreement requires **each Member State** to present a national **Strategic Plan for the definition and implementation of all interventions**, following a needs analysis:
 - **mandatory ecological schemes**
 - **more conditionality**
 - **flexibility in how to achieve environmental objectives.** (For example, a two-year pilot phase is foreseen for green schemes and Member States should have flexibility in how funds are allocated under different "green" practices)

NEW

Regional Level:

The Regions will be able to continue to implement the interventions related to rural development that **must comply** with what foreseen in the **National Strategic Plans**

Innovation:

Regional Measures for Research & Innovation (ex mes. 16 – Rural Development Plan, RDP)

will be part of **the Interventions for Cooperation** in the Rural Development Plan

Cooperation: **OG of EIP**, LEADER, Quality Schemes, Associations or Producer Groups and other type of cooperation, as in the current mes. 16: financial support can be given for the project

Lobby in your region for funding of Interventions for Cooperation

EIP AGRI : continues and links to Horizon Europe

EIP AGRI Service Point: new tender, possibly merge with European Rural Development Network (tbc)

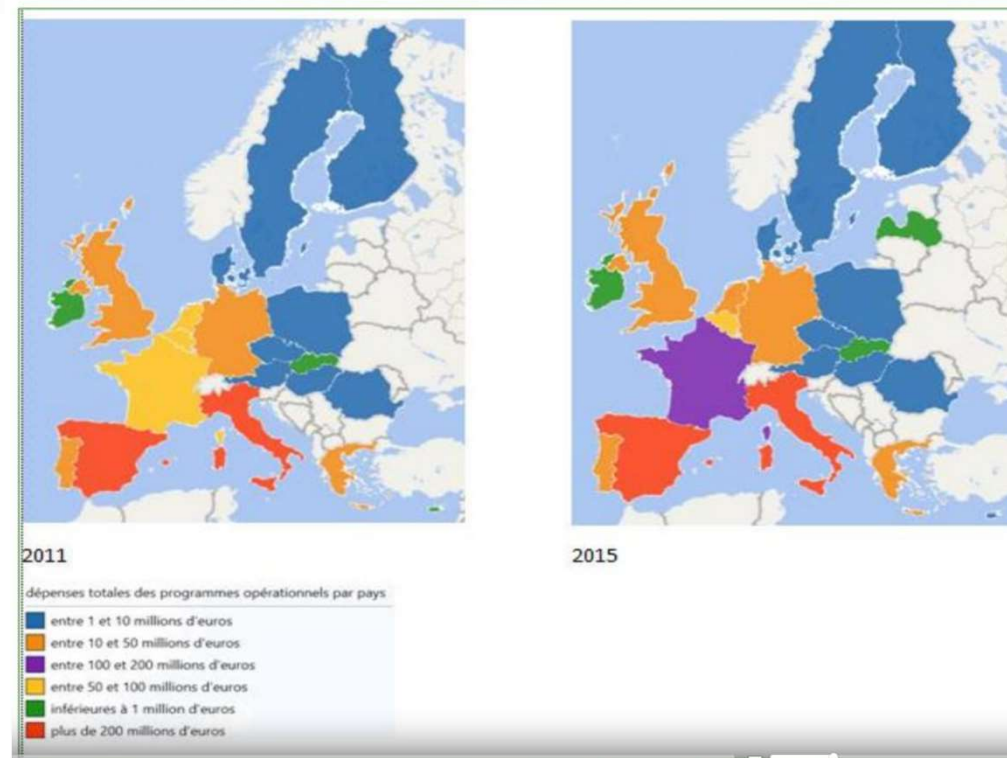
Operational Programs in the Common Market organization for Fruit and Vegetables (CMO OP's)

Table 4: measures of the OP in million €

	2011	2012	2013	2014	2015
Actions aimed at planning the production	303	198	209	305	331
Actions aimed at improving and maintaining product quality	346	339	302	409	316
Actions aimed at improving marketing	304	269	221	321	250
Research and Experimental production	12	10	10	14	4
Training and advisory services	22	23	25	38	25
Crisis prevention and management instruments	90	66	54	87	61
Environmental actions	315	301	222	262	216
Other actions	46	31	20	37	26
Purchase of fixed assets	600	465	446	759	632
Promotion and communication	57	77	56	60	36

Source: EC-AGRI-R1

Map: Spendings of Operational Programmes in Europe



White paper on the Fruit % Vegetable CMO, AREFLH, 2017, online https://issuu.com/areflh/docs/white_paper

Operational Programs under Common Market Organization for Fruit and Vegetables (CMO OP's)

- MOVED TO CAP:** Articles 41-47 of *EU regulation proposal for Strategic Plans*, COM(2018) 392
- SYNERGIES:** with other EU Programmes i.e. Horizon Europe
- PERIOD:** from 1st January 2023 to 31st December 2027
- OP PROGRAMS:** minimum duration of 3 years and maximum duration 7 years
- FUNDING:** to producers, not research institutes, but broad topics, including environmental interventions and R&D

Operational Programs in the Common Market organization for Fruit and Vegetables (CMO OP's)

➤ INTERVENTIONS FOR RESEARCH AND DEVELOPMENT:

**Commission
position:**

At least 5% for R&D interventions

**European Parliament
position:**

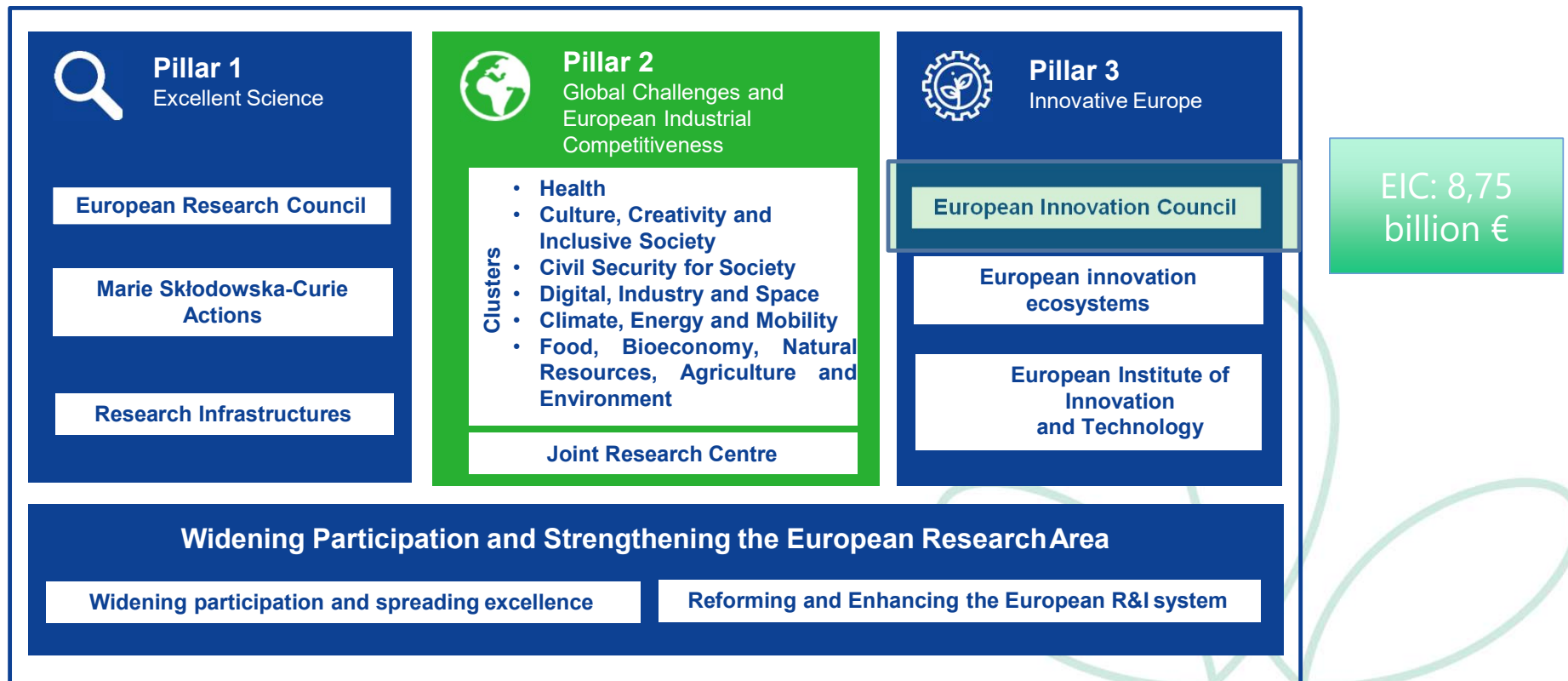
At least 1% for R&D interventions

**European
Council position:**

No compulsory percentage for R&D interventions

**FINAL DECISION ?
TO BE NEGOTIATED DURING THE ONGOING TRILOGUES**

EIC - European Innovation Council (Pillar 3 in Horizon Europe)



EIC - European Innovation Council

NEW!



To identify and support **breakthrough technologies and innovations** by EU **start-ups, SMEs, researchers**, including providing regional focus.

"...ideas that are radically different from existing products, services or business models, are highly risky and have the potential to scale up internationally."

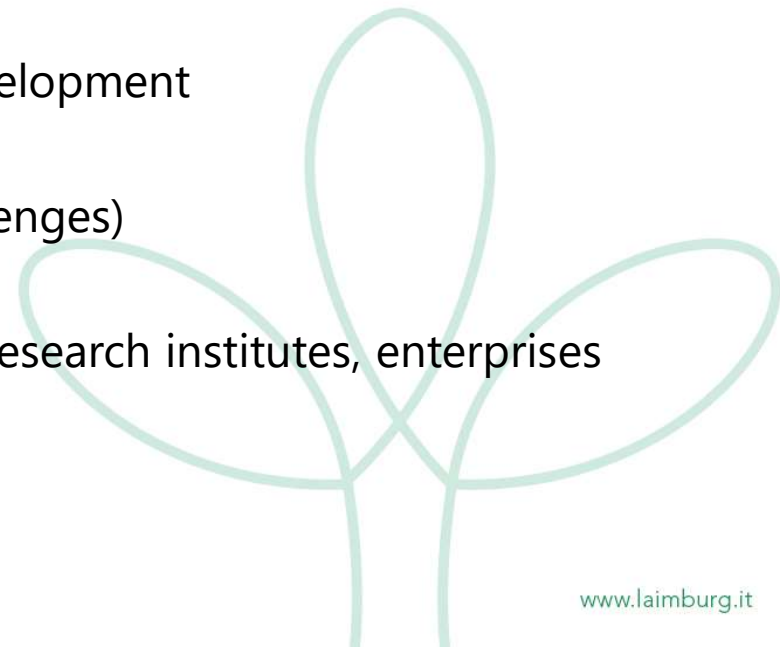
EIC - European Innovation Council

EIC – PATHFINDER

Grants from initial technology to pre-commercial phase

1. EIC – PATHFINDER FOR ADVANCED RESEARCH

- Cutting-edge and high-risk projects
- First phases of research and technological and scientific development
- Transition activities (demonstrations, feasibility studies...)
- Bottom-up approach+ strategic objectives (Pathfinder Challenges)
- Project portfolio (selected by the EIC Programme Managers)
- Open to all types of innovators (single person, universities, research institutes, enterprises (SME and start-ups), **consortia (minimum 3 partners)**)
- **Grants up to 3 million euro (100% of the eligible costs)**



EIC - European Innovation Council

2. EIC – PATHFINDER OPEN

- Based on the programme FET (Future and emerging technologies), funded by FP7 and H2020
- **Bottom-up approach** to support high-risk research projects
- Disrupting ideas/visions for future technological solutions (potential to create new markets!)

3. EIC – PATHFINDER STRATEGIC CHALLENGES (defined by EC)

- Deep-tech areas (with high social and economic impact)
- Coordinated within a project portfolio (existing or to be created)
- **Top-down:** identified by mapping and foresight studies, the EIC Advisory Board and the EIC programme managers, research & innovation communities, consultations

4. EIC – TRANSITION ACTIVITIES (single applicants or small consortia)

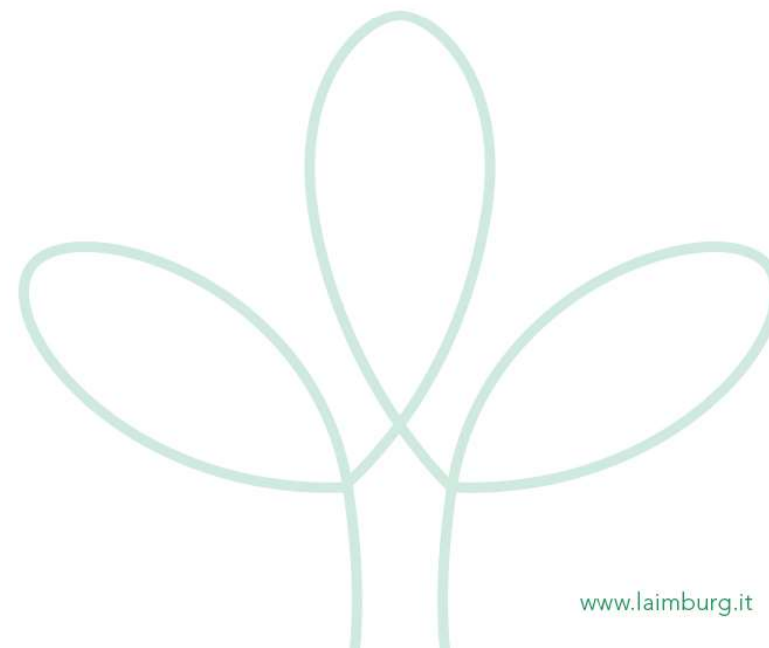
- Bridge between EIC Pathfinder and EIC Accelerator (grants for SMEs)
- **Follow-up** of the results
- Activities of technological development and access to market for SMEs, start-ups, spin offs

EIC - European Innovation Council

2. EIC – ACCELERATOR

BJ3
RF5

To support companies (start-ups and small and medium-sized enterprises - SMEs) to scale up **high impact innovations with the potential to create new markets or disrupt existing ones.**



BJ3 è possibile una o due frasi sul carattere e obiettivo di questo strumento come per Pathfinder?

Berger, Jennifer; 10.11.2020

RF5 scriverei così . Possiamo anche togliere la frase tra parentesi tranto c'è già sotto. Questo strumento è l'ex SMEs instrumente ed è importante spiegare le novità

Ricardi Francesca; 11.11.2020

INNOVATION ECOSYSTEM & EIT (European Institute of Innovation and Technology)

NEW

- Co-operation and links with the innovators at regional and national level.
- Interconnection of open innovation structures
- First calls: March 2021 (tbc)



EU Funding: Challenges and Opportunities for EUFRIN and its Members

Program	Opportunities	Challenges
Horizon Europe – Pillar 2	Impactful projects EUFRIN core topics covered Multi-actor approach Widening participation and strengthening ERA actions	Broad topic vs. fruit value chain
CAP – Operational Groups	Regional context Less competition EU level through EUFRIN (EIP)	Not enough money in many regions Interregional/EU-wide cooperation
CAP – ‚Operational Programs‘	R&D projects with regional producers	Minimum % required EUFRIN role?
Horizon Europe – Pillar 3	R&D projects with companies on disruptive technologies	Service provider to start-ups and emerging companies EUFRIN role?

Danke für Ihre Aufmerksamkeit.
Grazie per la Sua attenzione.
Thank you for your attention.



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