



EU Urban Agriculture calls and actions

*EUFA FACTS! Conference
Unlocking the Potential of Urban Agriculture
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Contents

- Projects under Horizon 2020
- Horizon Europe & Urban farming
- Maximising R&I impacts

Horizon 2020

Projects on urban farming or of
interest to urban farming



Urban agriculture Europe (COST)



- Mapped and brought the science community together
- Definitions/typologies: gardening/urban farming
- Calculated values (eco, social, environmental)
- Strong focus on social outcomes

Horizon 2020 – Urban & vertical farming

all bottom-up!

- [PROTEAN](#) - Prospective environmental assessment of urban agriculture emerging-systems (MSCA – Uni. Barcelona – 170K€)
- [INFARM](#) - *The vertical farming revolution, urban farming as a service* proposes an innovative solution for sustainable agriculture based on vertical farming (SME-Instrument – Infarm - Indoor urban farming GmbH - 2M€)
- [SiEUGreen](#) - *Sino-European innovative green and smart cities* (IA – Norges Univ.- 7M€)
- [EIT-FOOD – PlantLab - Impact on sustainability, shelf life and nutritional value by vertically farmed leafy greens via a new local supply chain](#)

Horizon 2020 – Value chains and urban food policies

- **Short value chains:**
 - [SMARTCHAIN](#)
 - [SKIN](#)
- **Small-scale processing**
 - [FOX](#)
 - [SHEALTHY](#)
- **Urban food policies, urban-rural:**
 - [ROBUST](#); [COASTAL](#)
 - [CITIES2030](#); [FOOD TRAILS](#)



The need for a comprehensive vision



Social aspects



Technological aspects



Food



Environment

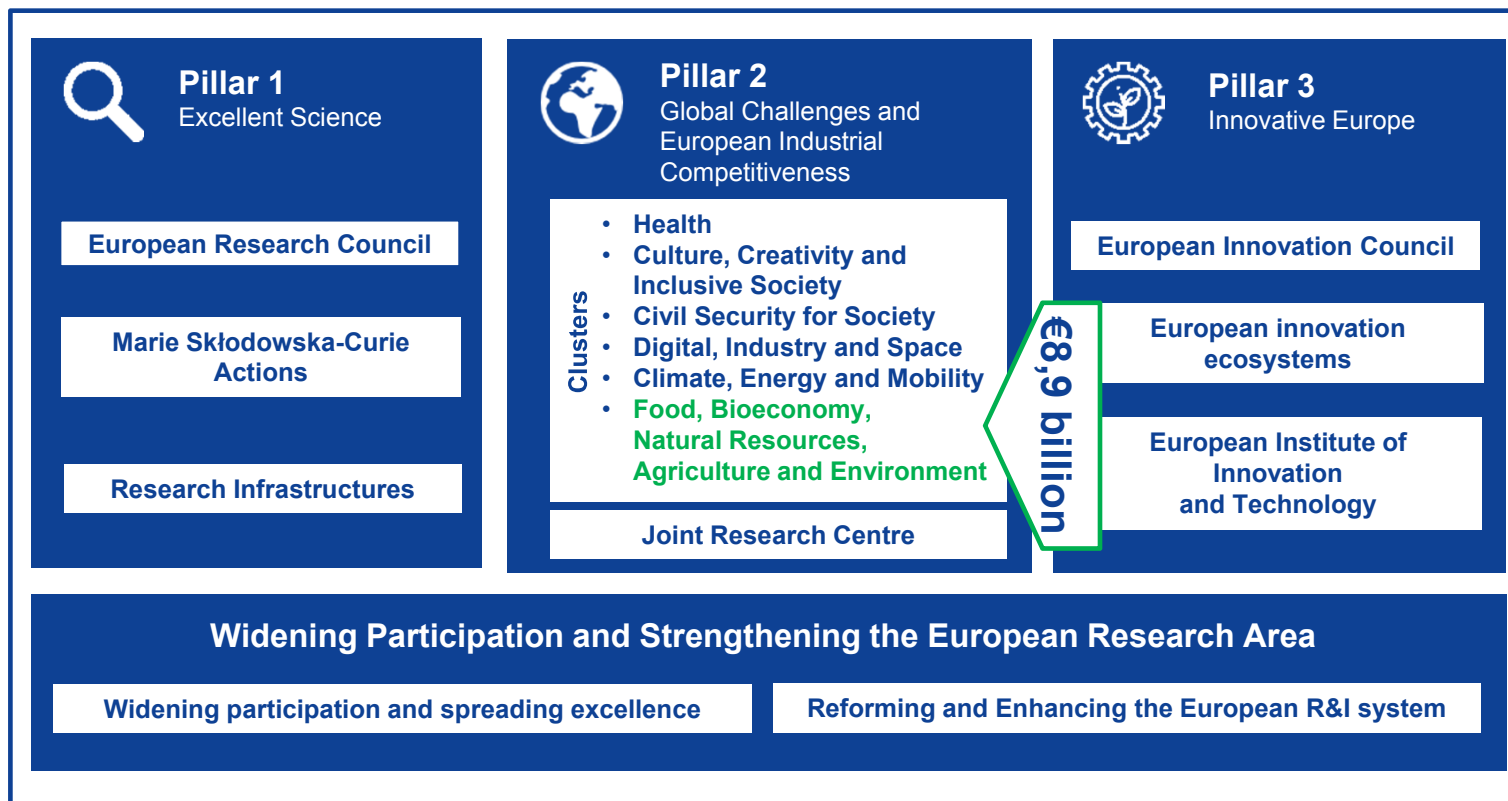
□ **EFUA - European forum for a comprehensive vision of urban agriculture**

Horizon Europe

Programme structure, strategic orientations and where urban farming could play a role



Horizon Europe - structure



OVERALL PICTURE OF CLUSTER 6

Food, Bioeconomy, Natural Resources, Agriculture and Environment



Horizon Europe Cluster 6 – from expected impacts to destinations...



R&I actions to reach the destinations



Urban farming can play a role in...

- **Legal basis** (specific programme)
 - Broad lines of interventions: « *Innovations in farming at the interfaces between agriculture, aquaculture and, forestry and in urban and peri-urban areas;*”
- **Strategic plan (2021-2024):**
 - IA3: « *Activities will support the uptake of urban farming to deliver food alongside social and environmental benefits (in cooperation with IA5).*”
 - Strategic plan – Higher granularity (no specific mentions):
 - Climate neutrality
 - Food security for all – « *urban food systems transformation*”, “*technological solutions*”
 - Circular management of resources (technology progress there could be interesting)
 - Place and people-based approaches - nature-based solutions - Smart cities



Cluster 6 &



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



POLICY CONTEXT

- European Green Deal
- Flagship initiative “R&I for rural communities”
- EU long-term vision for rural areas
- New European Bauhaus initiative
- Digital age & digital decade
- European pillar of social rights
- Sustainable Development Goals



IMPACT FROM STRATEGIC PLAN

Rural, coastal and urban areas are developed in a **sustainable, balanced and inclusive manner** thanks to a better understanding of the environmental, socio-economic, behavioural and demographic drivers of change as well as deployment of digital, social and community-led innovations

EIP-AGRI, Partnerships & Missions

Other instruments
maximising the R&I impacts
of interest for urban farming

EU approach to agricultural R&I

Interactive innovation (multi-actor approach)

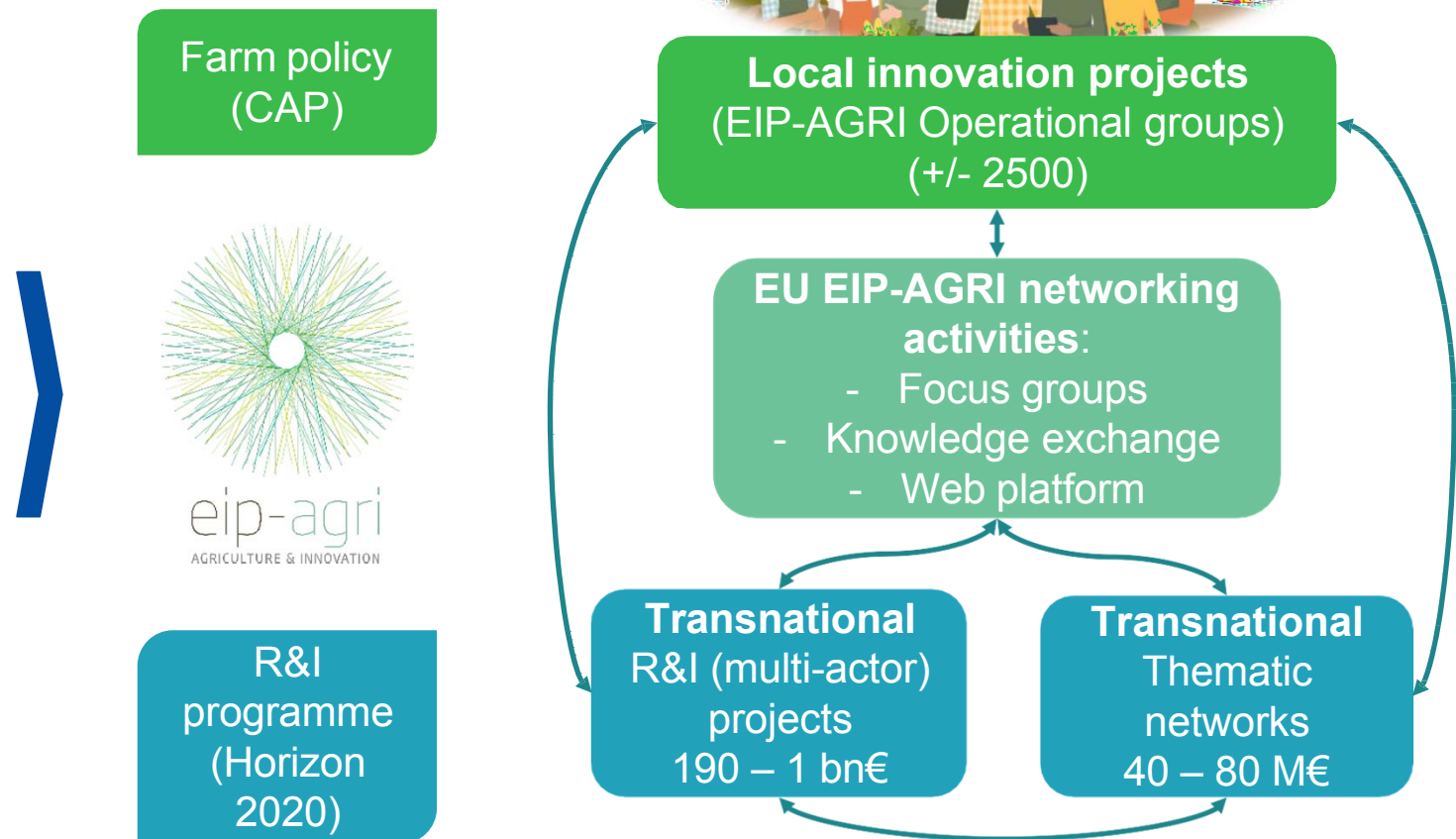
EIP-AGRI



2015 > 2016

Sustainability

+ *interactive innovation*



Encouraging synergies through partnerships – Work Programme 2021-2022



Rescuing biodiversity to
safeguard life on Earth (2021)



Water4All (2021)



*Outside the work programme
- institutionalised partnership Circular
Biobase Europe (CBE)*



Climate neutral, sustainable
and productive blue economy (2022)

Towards Work Programme 2023-2024 and beyond Cluster 6...

Next Work Programme 2023-2024
– large-scale R&I partnerships:



Agroecology living labs
and research infrastructures



Animal health and welfare



Agriculture of data



29 September 2021

Living Labs and Lighthouses

- *Living labs are a core element of the mission*
 - They are real-life sites in rural or urban areas in which people from various sectors and backgrounds experiment and test solutions in a co-creative manner.
 - Each living lab contains a cluster of 10 – 20 sites (e.g. farms) working together at regional or sub-regional level.
 - Specific criteria for living labs have been developed under the mission to ensure common approach and comparability of data and experiences.
- *Lighthouses are sites of exemplary performance with regards to a certain practice*
 - They are individual sites, such as a single farm, to showcase good practices.
 - They are places for demonstrations, training and communication.

Living labs and lighthouses are key to accelerate the adoption of sustainable practices by users and co-developed methods adapted to the local conditions.



Urban agriculture in missions and partnerships

- **Proposed missions**

- [Caring for Soil is Caring for Life](#)

- all soils including urban soils – importance of urban farming
 - Education, training, experiments, lighthouse and living labs

- [100 Climate-neutral Cities by 2030 – by and for the Citizens](#)

- [A Climate Resilient Europe - Prepare Europe for climate disruptions and accelerate the transformation to a climate resilient and just Europe by 2030](#)




- Urban and rural landscapes to be managed for climate resilience

- **Candidate partnerships**

- [Agroecology living labs and research infrastructures](#) (Role of urban farming to be discussed)

Thank you

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