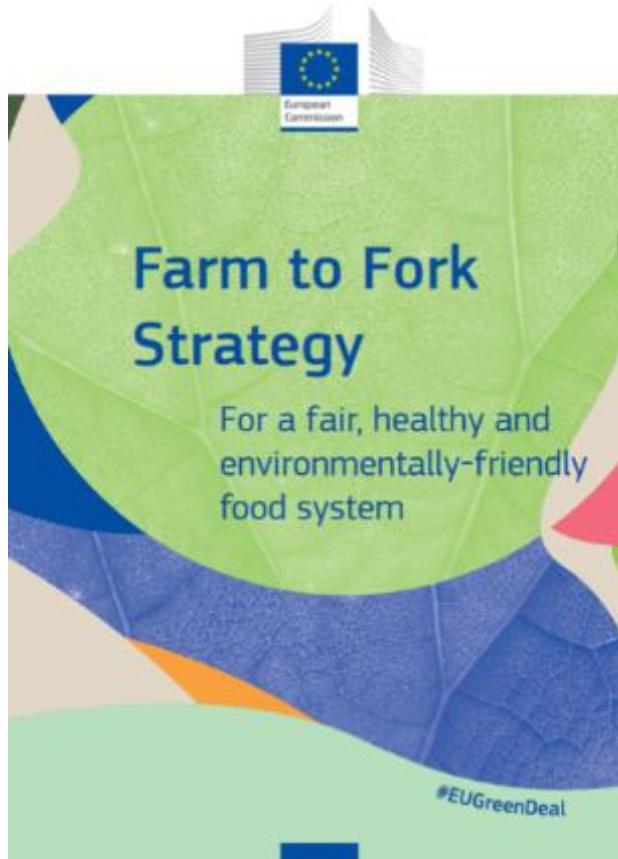


18 March 2021

# The Green Deal



# Ecological approaches in the Farm to fork strategy



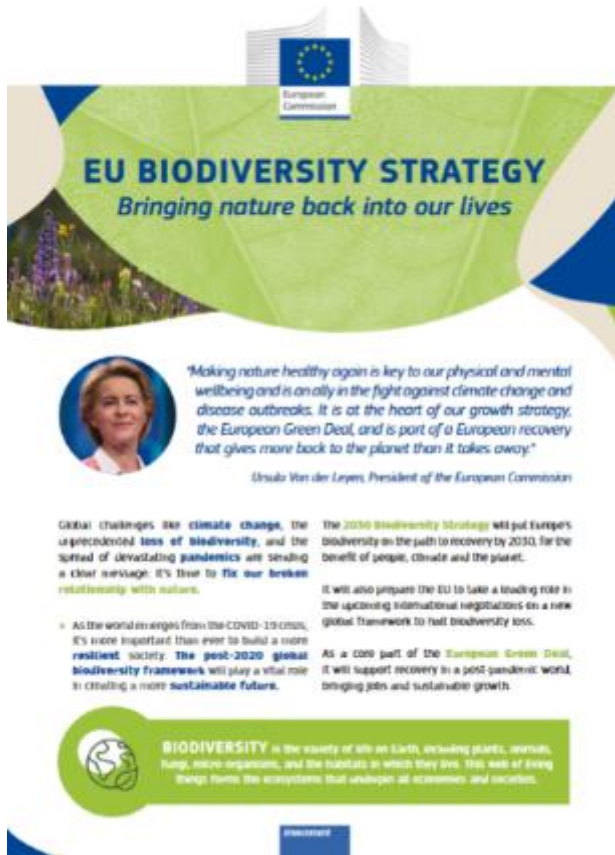
Agroecology in focus through three proposals:

- **Partnership:** “New knowledge and innovations will also **scale up agro-ecological approaches in primary production through a dedicated partnership on agro-ecology living laboratories**. This will contribute to reducing the use of pesticides, fertilisers and antimicrobials.”
- **Future common agricultural policy:** The new ‘**eco-schemes**’ will offer a major stream of funding to boost sustainable practices, such as precision agriculture, **agro-ecology (including organic farming), carbon farming and agro-forestry**. Member States and the Commission will have to ensure that they are appropriately resourced and implemented in the Strategic Plans.
- **International cooperation:** The EU will focus its international cooperation on food research and innovation, with particular reference to **agro-ecology**

# Ecological approaches in the EU Biodiversity strategy

*Four mentions:*

- **Potential:** Agroecology can provide healthy food while maintaining productivity, increase soil fertility and biodiversity, and reduce the footprint of food production.
- **Acknowledging differences:** In the implementation of the EU-wide agro-ecological targets, **the different starting points and differences in progress already made** in Member States will be taken into account.
- **Policy commitments:** The Commission will **ensure that the CAP Strategic plans are assessed against robust climate and environmental criteria**, and that Member States set explicit national values for the relevant targets [...]. These plans should lead to sustainable practices such as precision agriculture, **organic farming, agro-ecology, agro-forestry, low-intensive permanent grassland**, and stricter animal welfare standards.
- **Targets:** EU Nature Restoration Plan: key commitments by 2030 - At least 25% of agricultural land is under organic farming management, and the **uptake of agro-ecological practices is significantly increased**.





# Key targets & objectives to be achieved by 2030

**-50%** chemical pesticides

**-20%** chemical fertilizers

**10%** agricultural land under high-diversity landscape

**-50%** antimicrobials for livestock

**25%** share of organic production

protect soil fertility, reduce soil erosion and increase soil organic matter

...and many others



# Time to step up the efforts...



...by 2030 = 9 years = 9 growing seasons.....

# The future common agricultural policy (CAP)



- New green architecture
- Enhanced conditionality
- CAP Plans

## Eco-schemes:

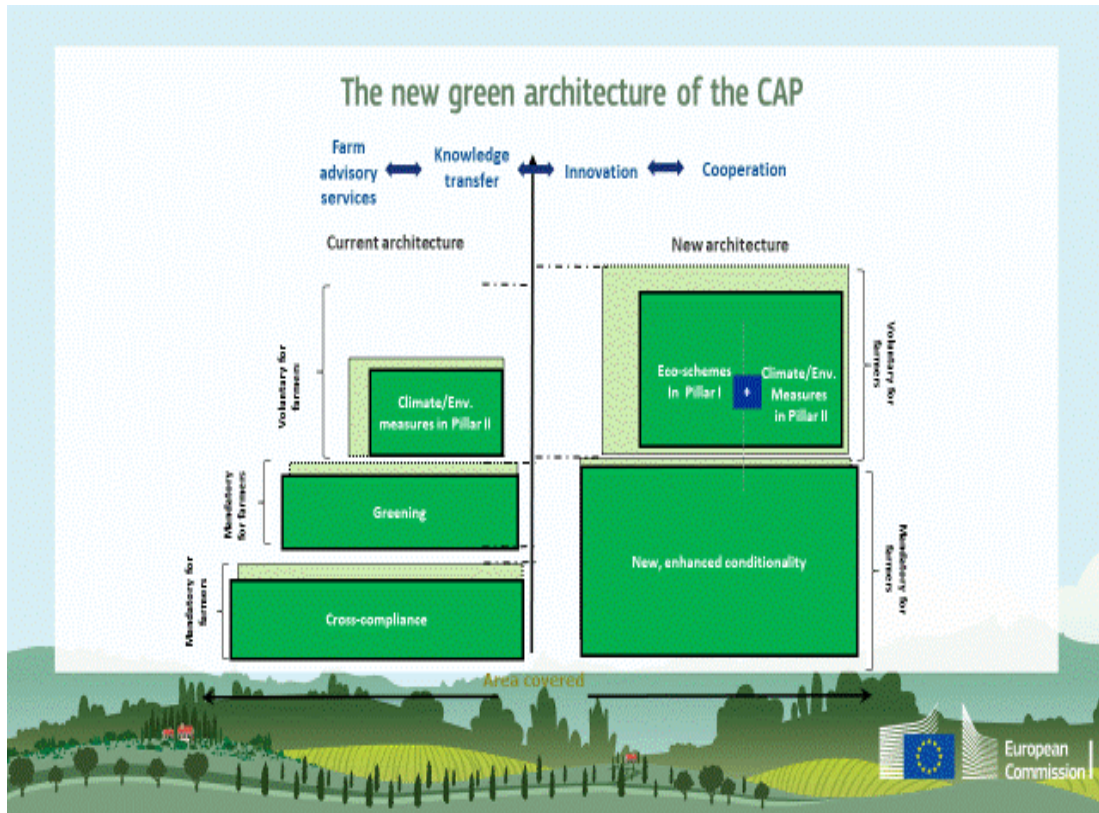
- climate, environmental, animal welfare, AMR
- contribute to the **Green Deal targets**

Organic farming practices  
IPM, agro-ecology, agro-forestry,  
carbon farming, etc



Under negotiation!

# Eco-schemes: policy context

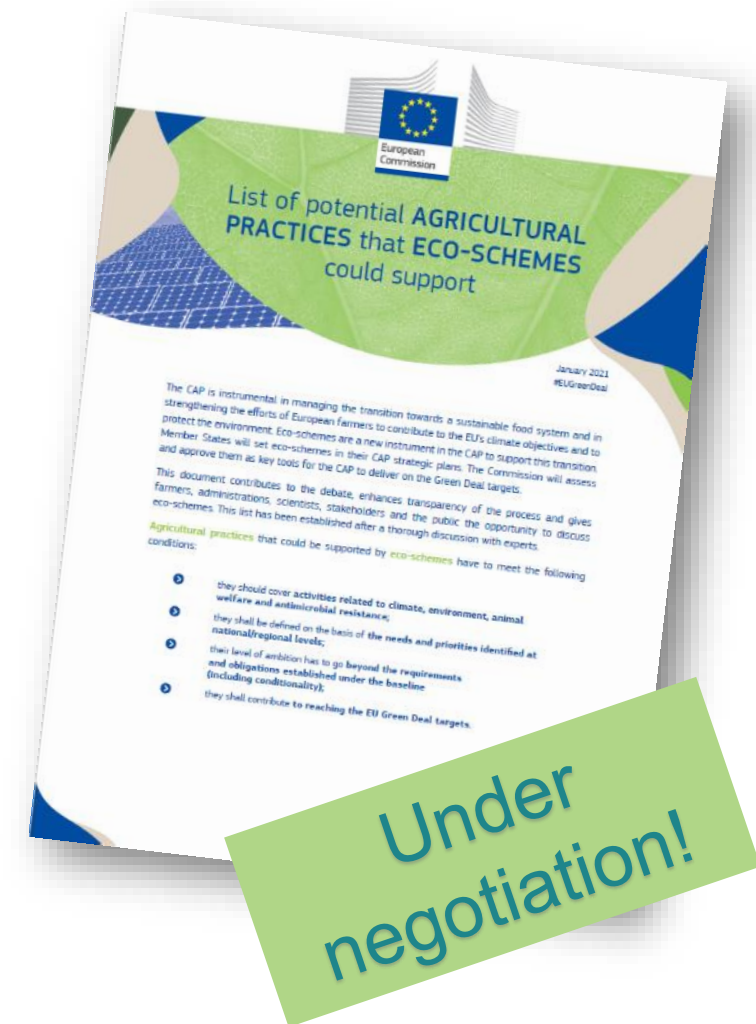


- The CAP 2023-2027 will support the **transition** towards a more sustainable food system
- by strengthening the efforts of European farmers to contribute to the EU's **climate objectives** and to protect the **environment**
- Eco-schemes are a new and one of the key CAP tools to deliver on the **Green Deal targets**
- **EU-wide** and **simple** framework
- MS will set eco-schemes in their **CAP strategic plans**
- As part of the overall **green architecture**

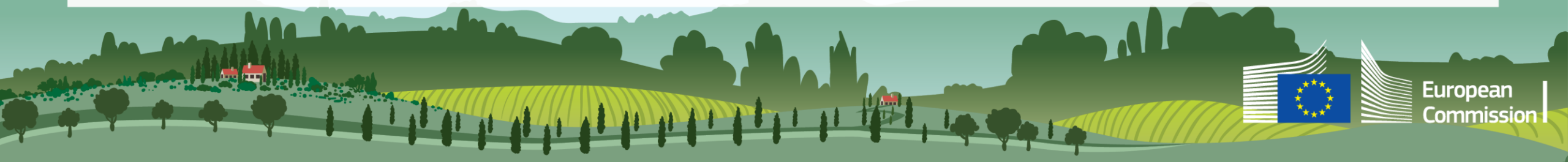


# Practices to be supported under eco-schemes (CAP 2023-2027)

- *Organic farming practices*
- *Integrated Pest Management*
- *Agroecology*
- *Agroforestry*
- *High nature value (HNV) farming*
- *Carbon farming*
- *Precision farming*
- *Improve nutrient management*
- *Protecting water resources*
- *...and others*



## CAP Strategic Plans timeline (tentative)

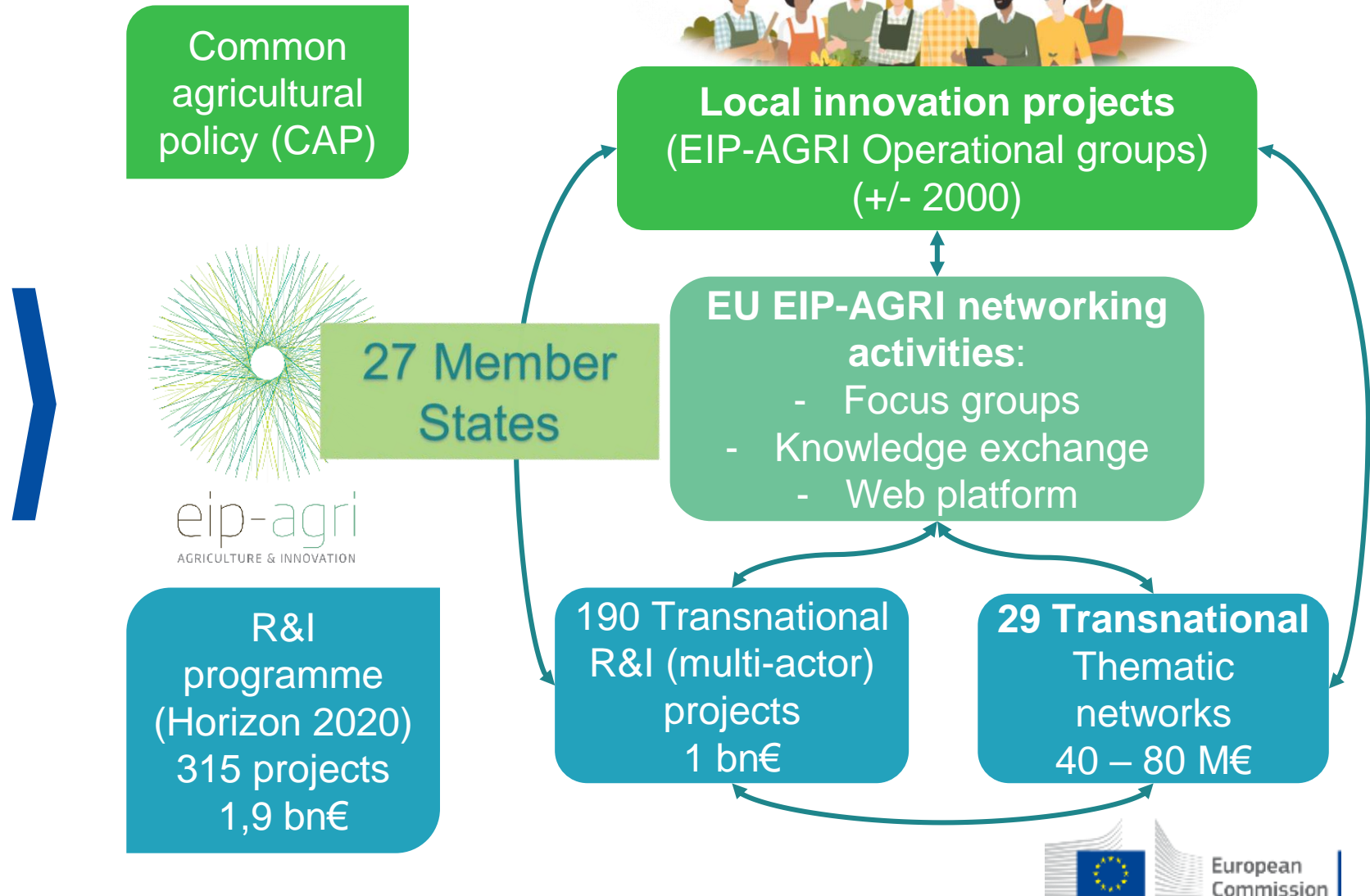


European  
Commission

# EU approach to agricultural R&I



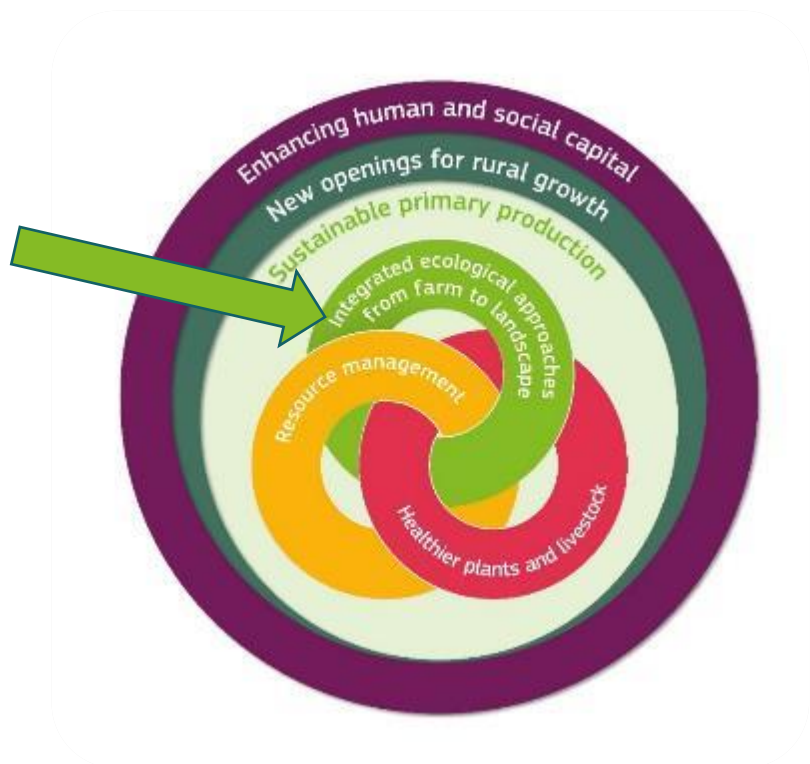
2016





# Ecological approaches in Horizon 2020 and EIP

More than  
40 Operational groups  
9 EU Member States



One in five priorities



+240 M€ invested



Agri-innovation summit 2019  
on EIP-AGRI & agroecology

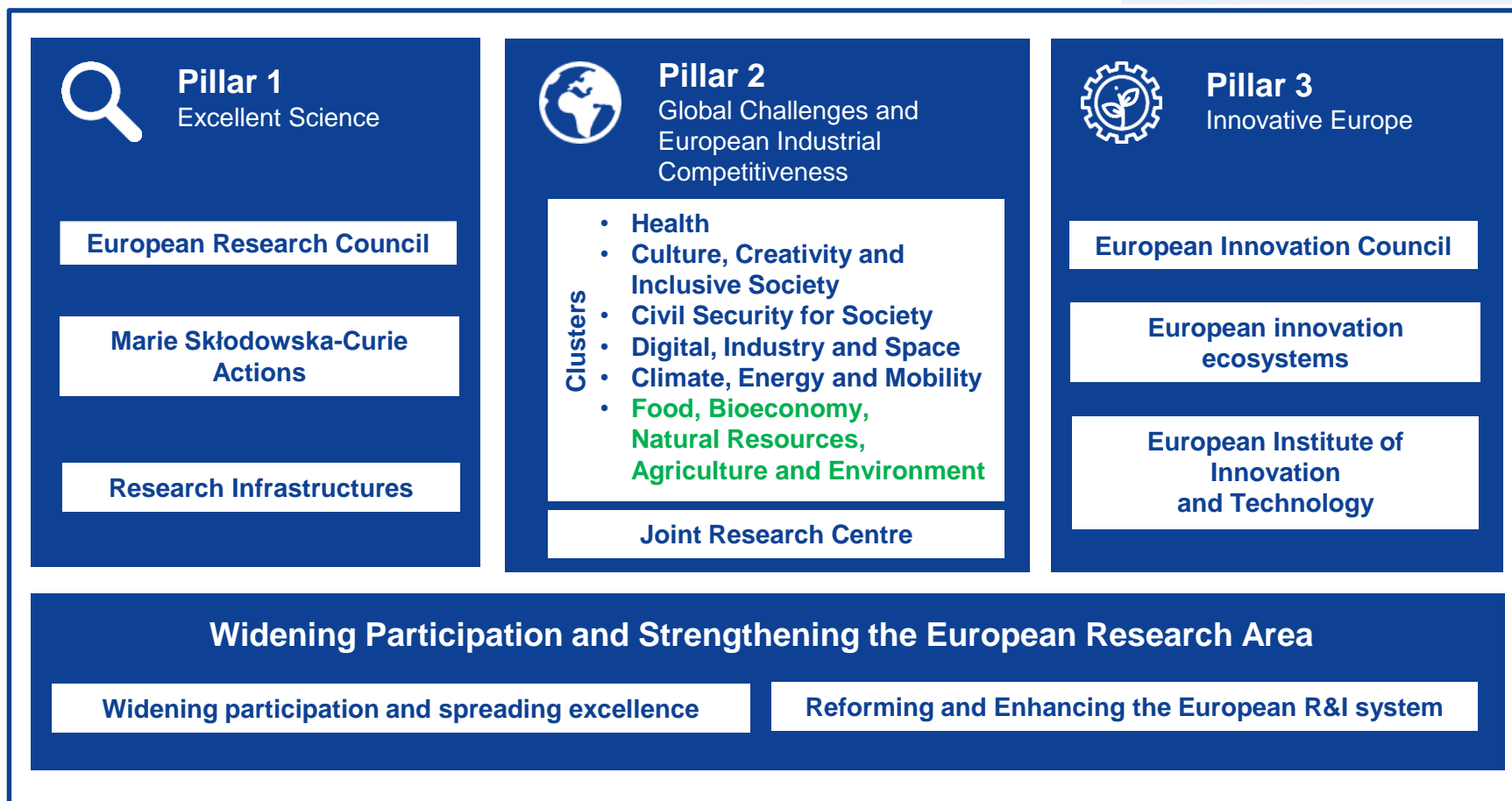
[More information on research and innovation on agroecology](#)



# Horizon Europe (2021-2027)

**Horizon  
Europe**

THE NEXT EU RESEARCH & INNOVATION  
PROGRAMME (2021–2027)



**Around 9 billion € for Cluster 6**

# Various instruments to power the transition



Large-scale portfolio of coordinated actions to reach a bold and inspirational objective

**Soil health: « Caring for soil is caring for life »**

**Work programme  
2021-2022**  
(April/May 21)

**Key role for  
ecological  
approaches,**  
including  
agroecology, organic  
farming and  
agroforestry



Concerted R&I efforts  
with EU and Associated  
countries and/or private  
sector, foundations or  
stakeholders  
→ **8 partnership  
candidates (Cluster 6)**

# Work Programme 2021-2022

Destination 1



Destination 2



Destination 3



Destination 4



Destination 5



Destination 6



Destination 7



Environmental Observation

Biodiversity  
and Natural Resources

Agriculture, Forestry  
and Rural Areas

Seas, Oceans  
and Inland Waters

Food Systems

Bio-based Innovation Systems  
in the EU Bioeconomy

Circular Systems





# Thank you



- More information:
  - [European R&I partnership on agroecology living labs and research infrastructures](#)
  - [Webinars on building the European partnership on agroecology living labs](#)



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