



Horizon Europe and Plant Health – opportunities for *Xylella fastidiosa* R&I

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3rd European conference on *Xylella*
fastidiosa

30th April 2021

The European Green Deal

**CLIMATE
PACT AND CLIMATE
LAW**

**PROMOTING
CLEAN
ENERGY**

**INVESTING IN
SMARTER, MORE
SUSTAINABLE
TRANSPORT**

**STRIVING
FOR GREENER
INDUSTRY**

**ELIMINATING
POLLUTION**

**ENSURING
A JUST TRANSITION
FOR ALL**

**FINANCING
GREEN
PROJECTS**

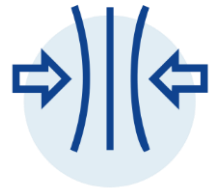
**MAKING
HOMES ENERGY
EFFICIENT**

**LEADING THE
GREEN CHANGE
GLOBALLY**

**FROM FARM
TO FORK**

PROTECTING NATURE

Farm to Fork Strategy: overall goals



Create a **robust and resilient** food system



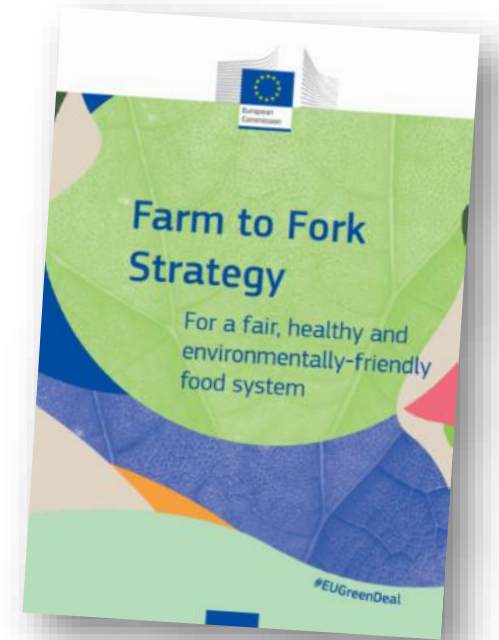
Reduce the environmental and **climate footprint** of the food system



Lead a **global transition** towards competitive sustainability from farm to fork



Tap into **new opportunities**



Farm to Fork: Targets



Reduce by 50% the overall use and risk of **chemical pesticides** and reduce use by 50% of more hazardous **pesticides** by 2030



Reduce **nutrient losses** by at least 50% while ensuring no deterioration in soil fertility; this will reduce use of **fertilisers** by at least 20 % by 2030



Achieve at least 25% of the EU's agricultural land under **organic farming** by 2030



Bring back at least 10% of agricultural area under high diversity landscape features by 2030



Reduce sales of **antimicrobials** for farmed animals and in aquaculture by 50% by 2030

R&I are key enablers...



Plant Health under Horizon 2020



2014-2020



+ 30 Projects



+ 160 M€



Multi Actor Approach

List not exhaustive

More information:
[Plant Health Results Pack](#)



[Plant Health Factsheet](#)

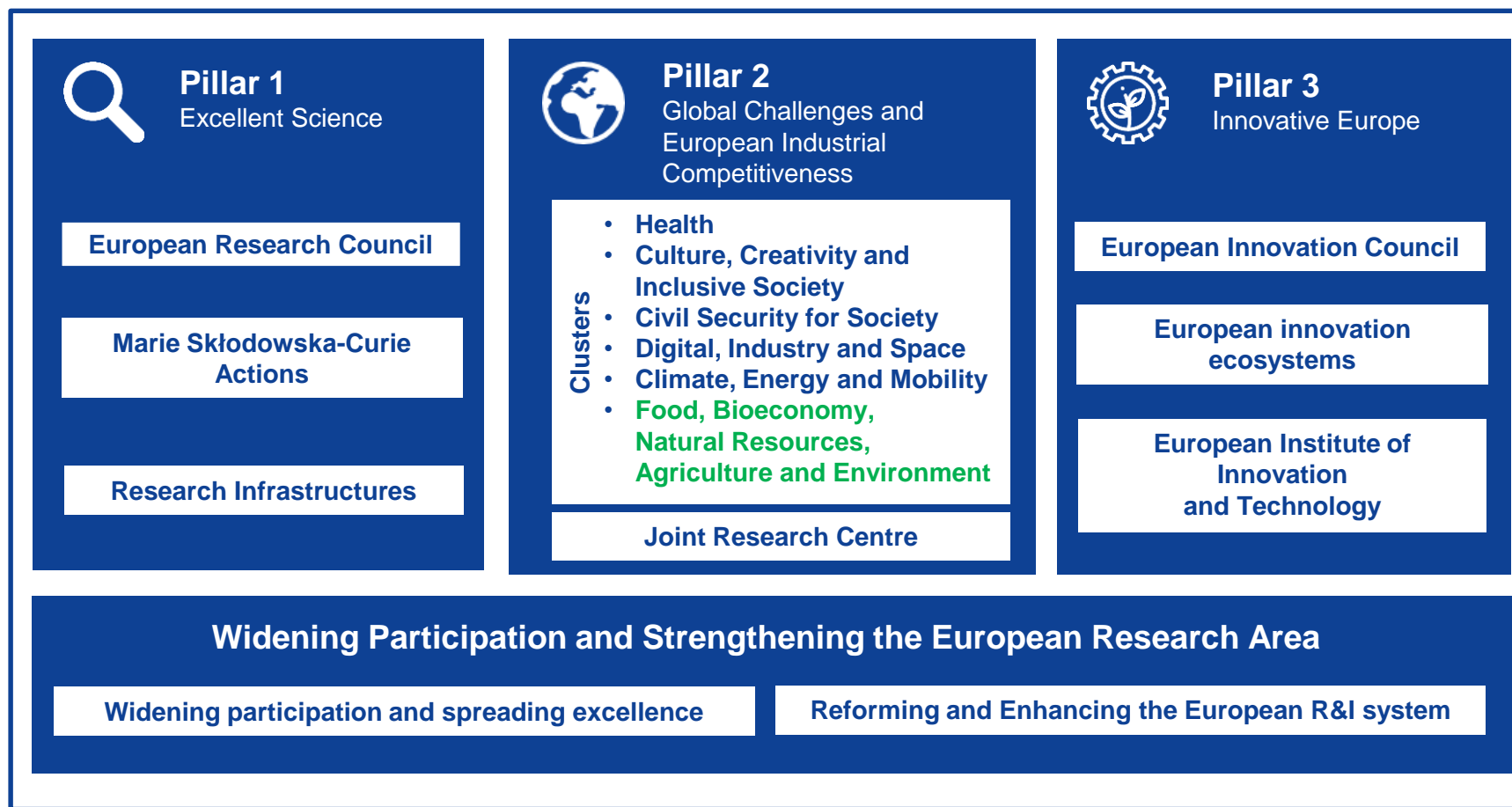


European Commission

From policy priorities to concrete action



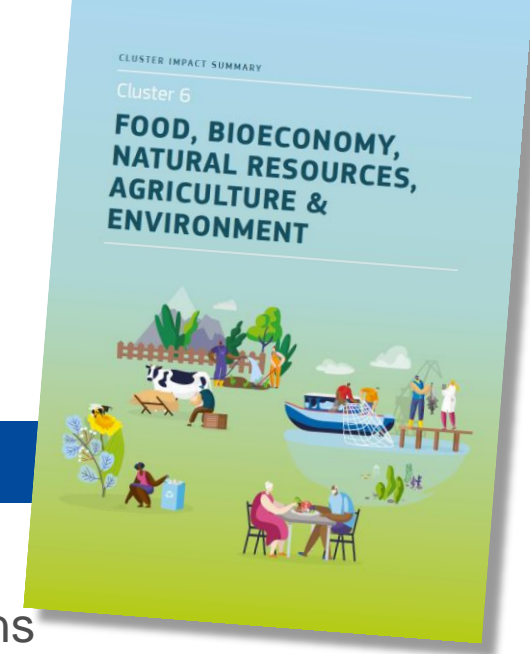
Horizon Europe: structure



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment
~9 billion €
2021-2027

Horizon Europe: Cluster 6

Strategic Plan 2021-2024



Expected Impact

Impact 1 Climate neutrality and adaptation to climate change

Impact 2 Preservation and restoration of biodiversity and ecosystems

Impact 3 Sustainable and circular management of natural resources; tackling pollution; bioeconomy

Impact 4 Food and nutrition security for all from sustainable food systems from farm to fork

Impact 5 Balanced development of rural, coastal and urban areas

Impact 6 Innovative governance models enabling sustainability, environmental observation

Intervention Areas

- Environmental Observations
- Biodiversity and Natural Resources
- **Agriculture, Forestry, and Rural Areas**
- Seas, Oceans and Inland Waters
- Food Systems
- Biobased Innovation Systems in the EU bio-economy
- Circular Systems

Plant Health R&I Priorities

Horizon Europe

- enhance capacities **to prevent, monitor and control plant pests**
- develop **safe and environmentally friendly** methods for **plant protection** and weed control;
- increase the **resilience of plants to biotic and abiotic stresses** by bringing more diversity into farming and forestry systems and provide farmers and other actors in value chains with better-adapted crop varieties
- improve conservation, management and use of **plant genetic resources**, thereby preserving and enhancing agrobiodiversity.

HORIZON EUROPE

More information



Events and resources

Cluster 6

FOOD, BIOECONOMY,
NATURAL RESOURCES,
AGRICULTURE &
ENVIRONMENT

Cluster 6 Info Days: 26-27 May



- “How to prepare a successful proposal in Horizon Europe” – [webinar](#) (21 April)
- “A successful proposal for Horizon Europe: Scientific-technical excellence is key, but don’t forget the other aspects” – [webinar](#) (24 March)
- Calls for proposals will be published soon in [Funding&Tenders](#) portal.
- [Reference Documents](#)

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DG Research and Innovation

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DG Agriculture and Rural Development:

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