



Susana Gaona
DG AGRI, F.2 Research & Innovation,
European Commission



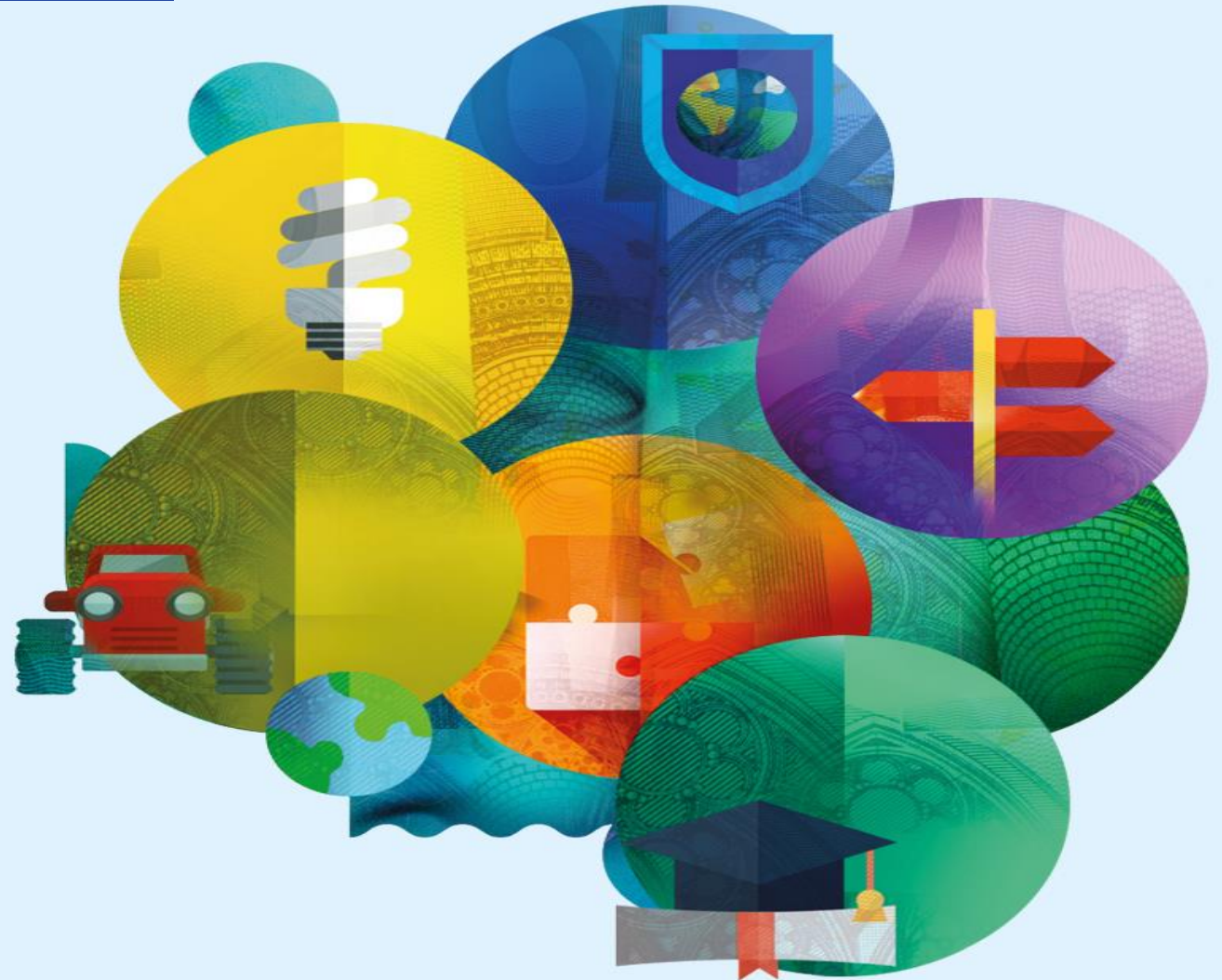
22-23 June 2022
EIP-AGRI Workshop Conversion to organic farming

EU-funded research in organic farming

EIP-AGRI Workshop 'Conversion to Organic Farming'

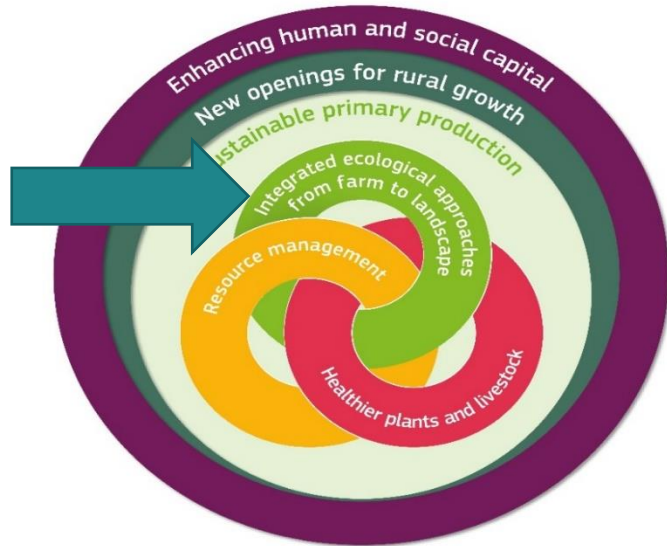
22 June 2022

Susana Gaona Sáez
Research Programme Officer
Unit F2 Research and Innovation
DG Agriculture and Rural development
European Commission



Horizon 2020 (2014-2020)

EU-funded research in organic farming



One of five priorities:
Ecological approaches from
farm to landscape

8 "organic"
projects + 1
ERA-NET
(CORE Organic)

€50 m

> 20 EU
MS

> 150
partners

OK NET
ecofeed

BIOFRUITNET
Boosting Innovation in ORGANIC FRUIT
production through stronger networks

RELACS
IMPROVING INPUTS FOR ORGANIC FARMING

CORE organic

Contentious inputs
Plant genetic material
Thematic networks
...and more!

LIVESEED



Horizon 2020 projects for the organic sector



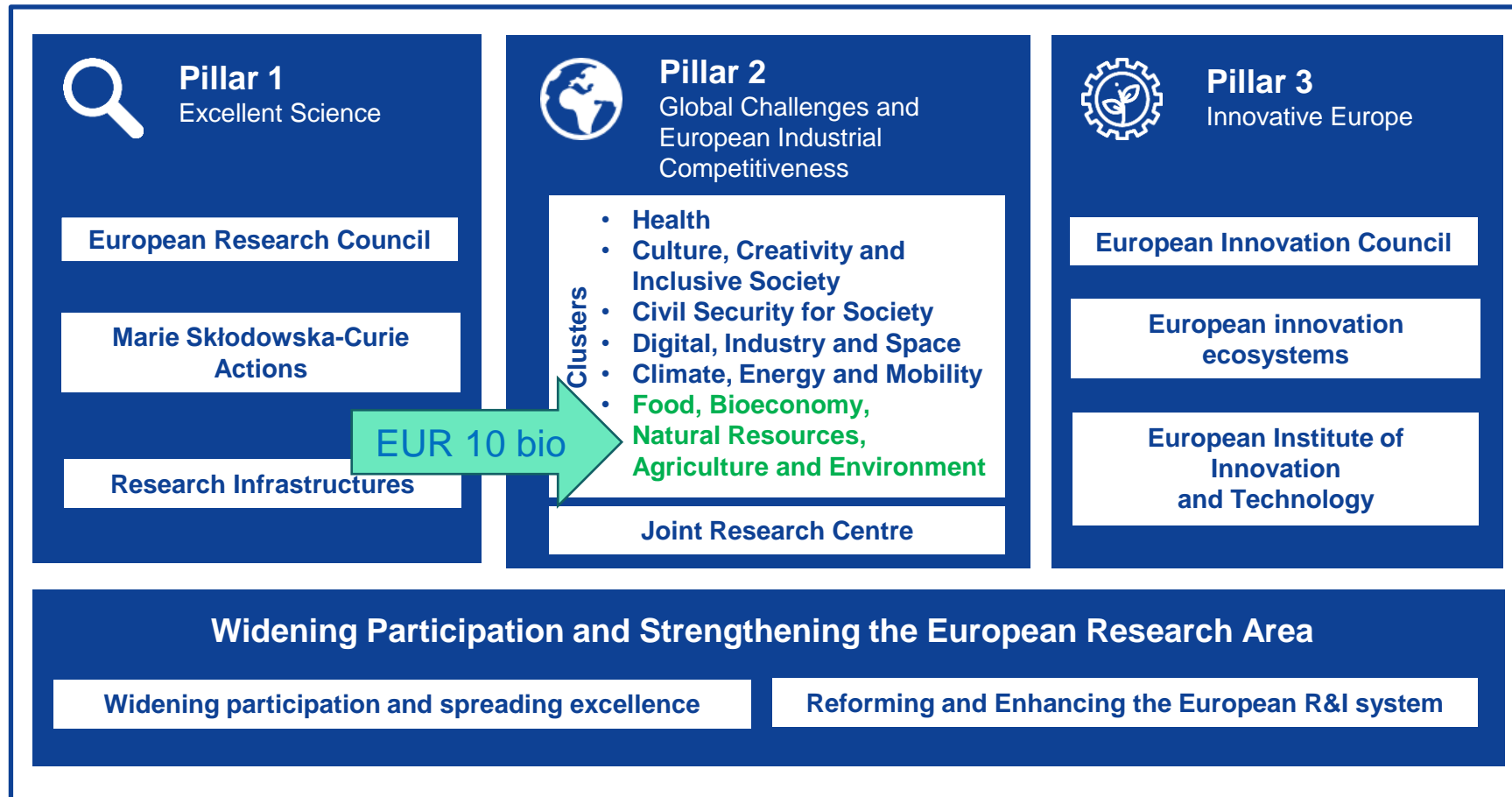
The organic sector is also part of:



... an many others

Horizon Europe (2021-2027)

Horizon Europe (2021 – 2027)



Why organics? The policy context

Target: to reach the objective of at least 25% of the EU's agricultural land under organic farming by 2030 and a significant increase in organic aquaculture.'



'The market for organic food is set to continue growing and organic farming needs to be further promoted.'

'The Commission will put forward an **Action Plan on organic farming**. This will help Member States stimulate both supply and demand for organic products'

'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.'

+ several targets to achieve (e.g. reduction of pesticides, fertilisers, antimicrobials, etc.)

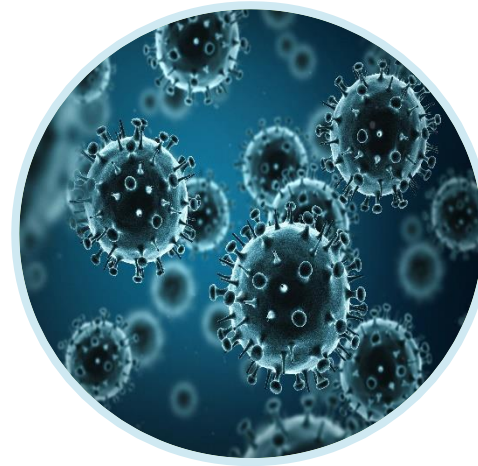
2030 Targets for sustainable food production: key contribution of organic farming



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



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



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



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



R&I in the Action Plan for the Development of Organic Production

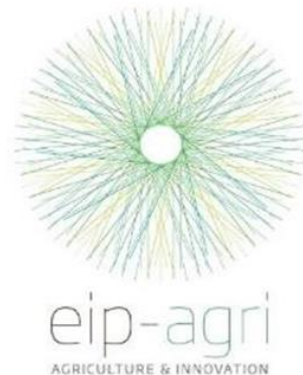


Prime importance to research and innovation: 30% of the budget for R&I on agriculture, forestry and rural areas for topics specific to/relevant for the organic sector

R&I in organic farming key for several actions in the Action Plan (5, 7, 9, 14, 16, 18, 19, 20, 21):

- Plant protection/inputs
- Fraud
- Digital technologies
- Demonstration, advisory, knowledge exchange
- Short supply chains
- Animal nutrition
- Environmental and climate footprint
- Animal welfare

3 axes
23 actions



Horizon Europe: instruments to boost organic farming R&I

WP 2021 – 2022:
EUR 240 mio in relevant calls for organic farming (breeding, fraud, foresight, weeding, digitalisation...and many more

WP 2023-2024: close to finalisation -> publication end 2022 (tbc)



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

-> Living labs and lighthouses covering all type of land uses (ag, forests, urban, industrial)

- Concerted R&I efforts among EU/AC and multiple partners.
- Pool resources of public and private sectors.
- Overcome fragmentation in R&I

→ Agroecology living labs and research infrastructures

(Candidate) partnerships under Cluster 6 (2021-2024)

2021-2022



2023-2024

Agroecology living labs and research infrastructures

Agriculture of data



**Blue Economy,
food systems, circular bio-based sector**



Animals health & welfare



**Candidate co-fund European
partnership ‘Accelerating farming
systems transition: agroecology living
labs and research infrastructures’**

Standing Committee on Agricultural Research (SCAR) Strategic Working Group on Agroecology (SCAR-AE)

28 Member States and Associated Countries

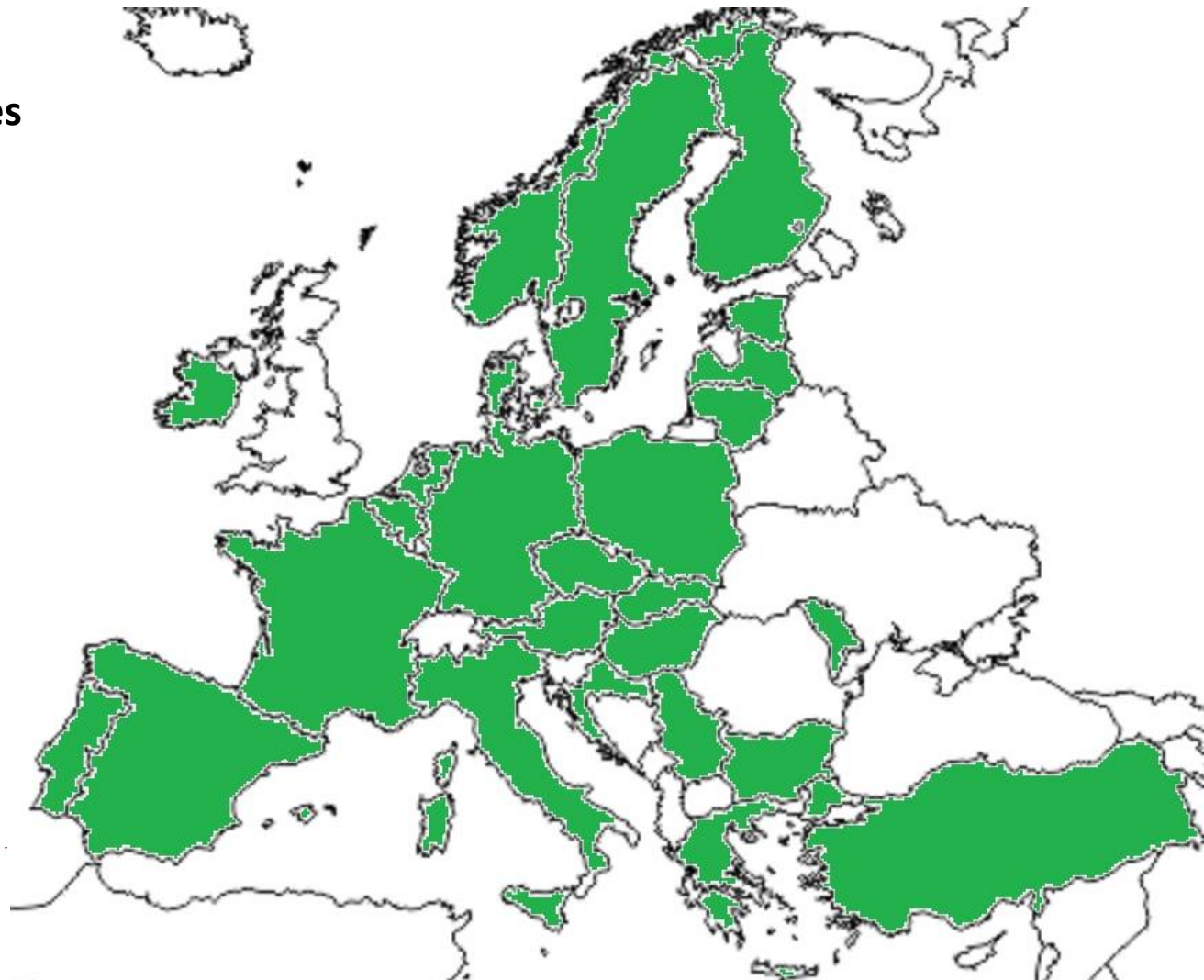
Key Advisors

ALL-Ready

AE4EU

SMS

FACCE-JPI



+ Observers:

All SCAR WGs invited

TP Organics

ERIAFF

CORE-Organic

FACCE SURPLUS

ICT-AGRI-FOOD

SusAn

COPA-COGECA

Part. Biodiv.

La Via Campesina

EEB

Animal Task Force

IBMA

EuroCoop

EnoLL

IFOAM

BIOEAST

Birdlife

Agroecology Europe

ETP Plants

in progress...

Why and What?

Why Agroecology:

- Powerful contribution to European Green Deal goals
- R&I are needed for uptake and scale-up

Why Living Labs:

- Living labs have the potential to accelerate change
- Agroecology elements fit well with living labs principles
- Adapted to local ecosystems (place-based)
- Involving actors at territorial level to achieve large scale impact
- Systems approach including social, economical and behavioural dimensions

Why a Partnership:

- Partnerships pool resources of a wide range of public and/or private partners and overcome fragmentation of research efforts.
- They are more strategic, more coherent, more impact-driven
- They allow long term research
- Their activities are embedded in the local/regional/national systems

What will be included: transition to agroecology in all agricultural production systems (conventional agriculture, **organic farming**, agroforestry, permaculture, regenerative agriculture, urban farming, etc.).



AELL: Expected composition

Possible full members (signatories of Grant Agreement)

- ✓ National and regional research funders (Ministries and Funding Agencies).
- ✓ Ministries in charge of relevant policy.
- ✓ Research Performing Organisations (RPOs).
- ✓ Living Labs (LL) or Research Infrastructures.
- ✓ Regional and local authorities

Other key actors for the implementation

- ✓ Entities successful in transnational calls and funded to perform research activities (e.g. academic entities, research organisations, non-public entities, etc.)
- ✓ Entities related to the LL (e.g. farmers, advisors, scientists, NGOs) implementing activities in LLs such as networking among LLs.
- ✓ Regional and local authorities.

Target groups and stakeholder communities

- ✓ Farmers and rural community, private companies, SMEs, industry, citizens, consumers, NGOs...

Co-funded partnerships in WP 2023/24 - timeline

2021	
End of 2021	Submission of draft “Partnership proposal” for review to DG RTD Work on Strategic Research and Innovation Agendas (SRIA) starts
2022	
March 2022	Letter requesting commitments from MS and AC sent
March 2022	“Partnership proposal” final versions published on: Candidates for European Partnerships in food, bioeconomy, natural resources, agriculture and environment European Commission (europa.eu)
30 April 2022	Deadline for commitments from MS and AC
June 2022	Draft Horizon Europe Work Programme 2023-2024 goes into Inter-Service Consultation
2023	
End 2022 (tbc)	Calls for proposals open for 2023/24 co-funded partnerships Draft SRIA should be in a stable state (by call opening date)
March/April 2023 (tbc)	Deadline for partnership consortium to submit proposal in reply to call Proposal includes the first Annual Work Plan (based on SRIA)

Key messages

- Horizon Europe (2021-2027) is the R&I arm of the Green Deal and its key strategies for the farming and food sector
- Opportunity to boost R&I in organics and agroecology using various instruments:
 - 'normal' calls under the Work Plan
 - Partnerships -> **Strategic Research and Innovation Agenda preparation -> opportunity to engage at national level through SCAR AE members, and upcoming public consultation**
 - Missions -> calls relevant for organic farming

To know more:

Website candidate partnership on agroecology:

https://ec.europa.eu/info/research-and-innovation/research-area/agriculture-forestry-and-rural-areas/partnership-agroecology_en

Agroecology partnership's proposal:

https://ec.europa.eu/info/sites/default/files/research_and_innovation/funding/documents/european_partnership_for_accelerating_farming_systems_transition_march_2022.pdf

SCAR Working Group on Agroecology: <https://scar-europe.org/index.php/documents>

CAP eco-schemes: https://ec.europa.eu/info/news/commission-publishes-list-potential-eco-schemes-2021-jan-14_en

Factsheet on H2020 projects on ecological approaches: https://ec.europa.eu/info/sites/default/files/food-farming-fisheries/farming/documents/factsheet-agri-research-ecological-approaches_en.pdf

Results pack of H2020 projects on agroecology:

<https://cordis.europa.eu/article/id/430692-agroecology-transitioning-toward-sustainable-climate-and-ecosystem-friendly-farming-and-food>

First work programme of Horizon Europe (2021-2022):

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2021-2022/wp-9-food-bioeconomy-natural-resources-agriculture-and-environment_horizon-2021-2022_en.pdf

Thank you



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