



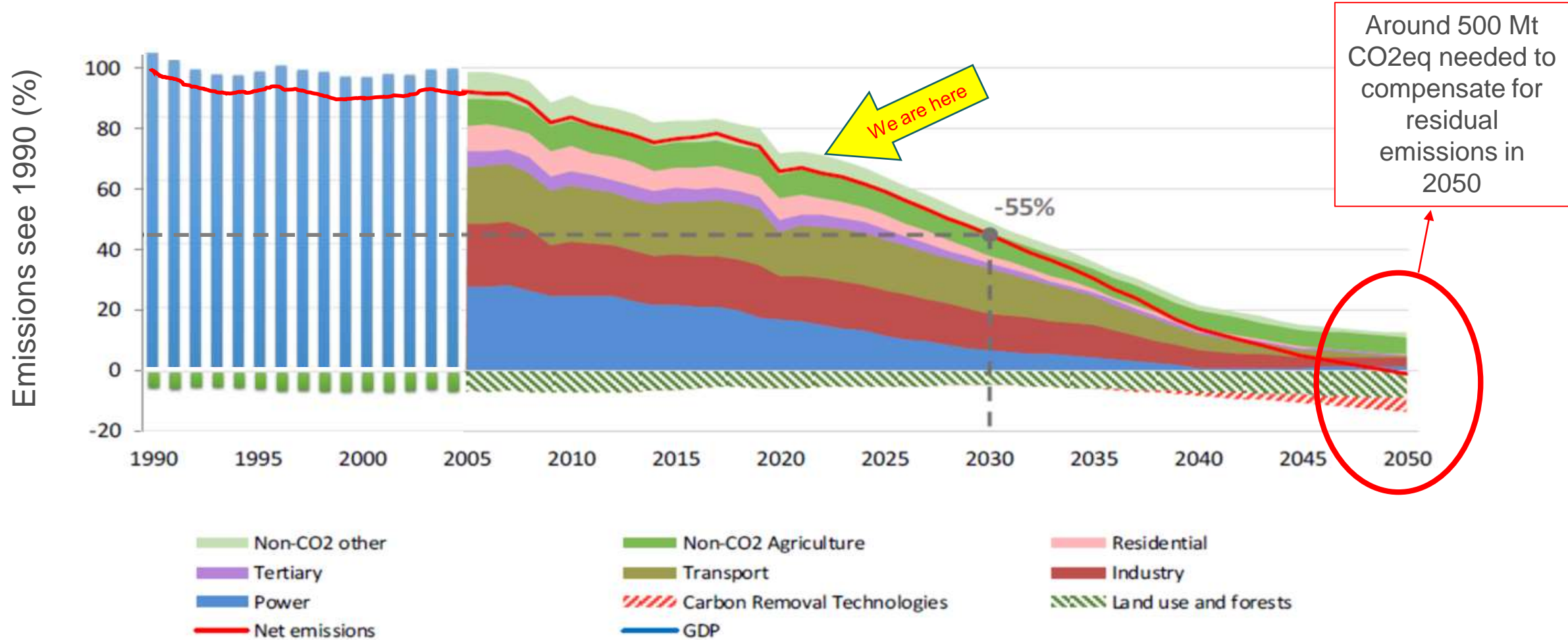
# A transition towards more sustainable food systems: *the role of agriculture in a new geopolitical context*

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*European Commission,*

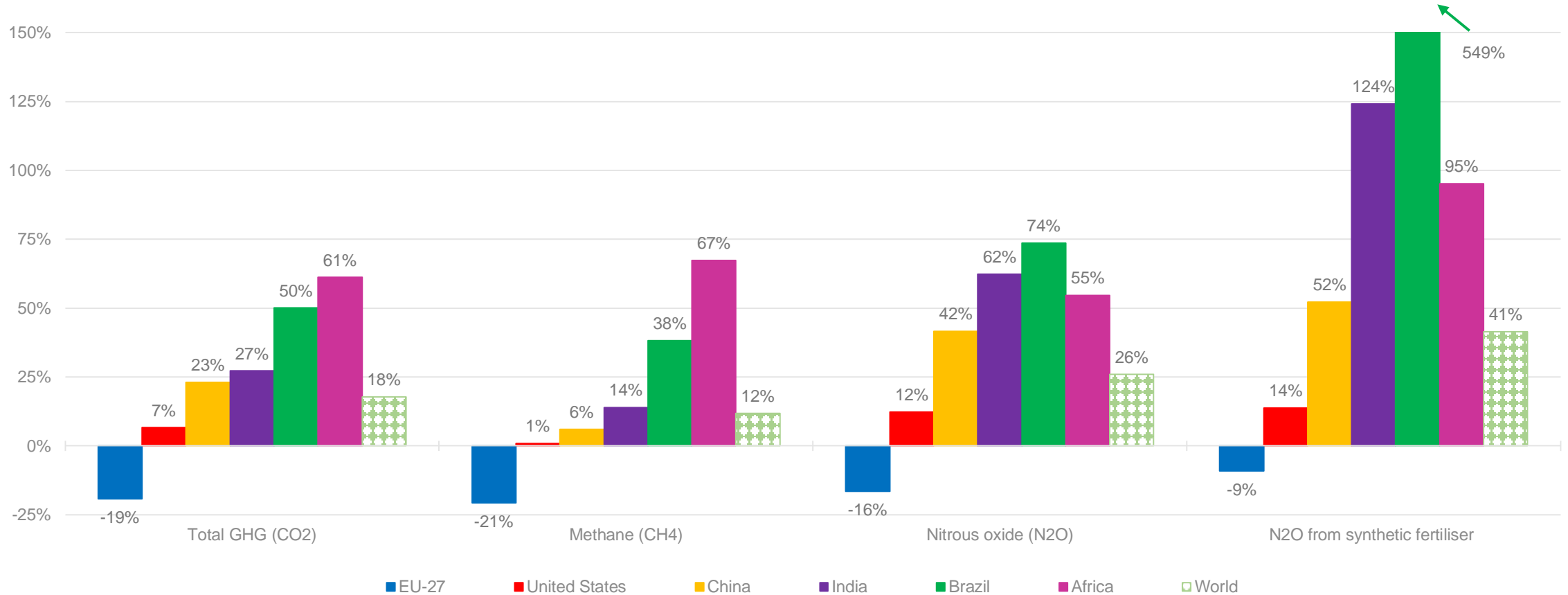
*DG AGRI.A1 Policy Perspectives*

# The road to climate neutrality...



# ...that needs to be placed in a global context

Change in total emissions from agriculture, and by source (2017/1990)



Source: DG AGRI based on FAOSTAT.

# Climate change impacts on agriculture

## Coastal zones

Sea level rise  
Intrusion of saltwater

## Mediterranean region

Large increase in heat extremes  
Decrease in precipitation  
Increasing risk of droughts  
Increasing risk of biodiversity loss  
Increasing water demand for agriculture  
Decrease in crop yields  
Increasing risks for livestock production  
Agriculture negatively affected by spillover effects of climate change from outside Europe

## Boreal region

Increase in heavy precipitation events  
Increase in precipitation  
Increasing damage risk from winter storms  
Increase in crop yields

## Atlantic region

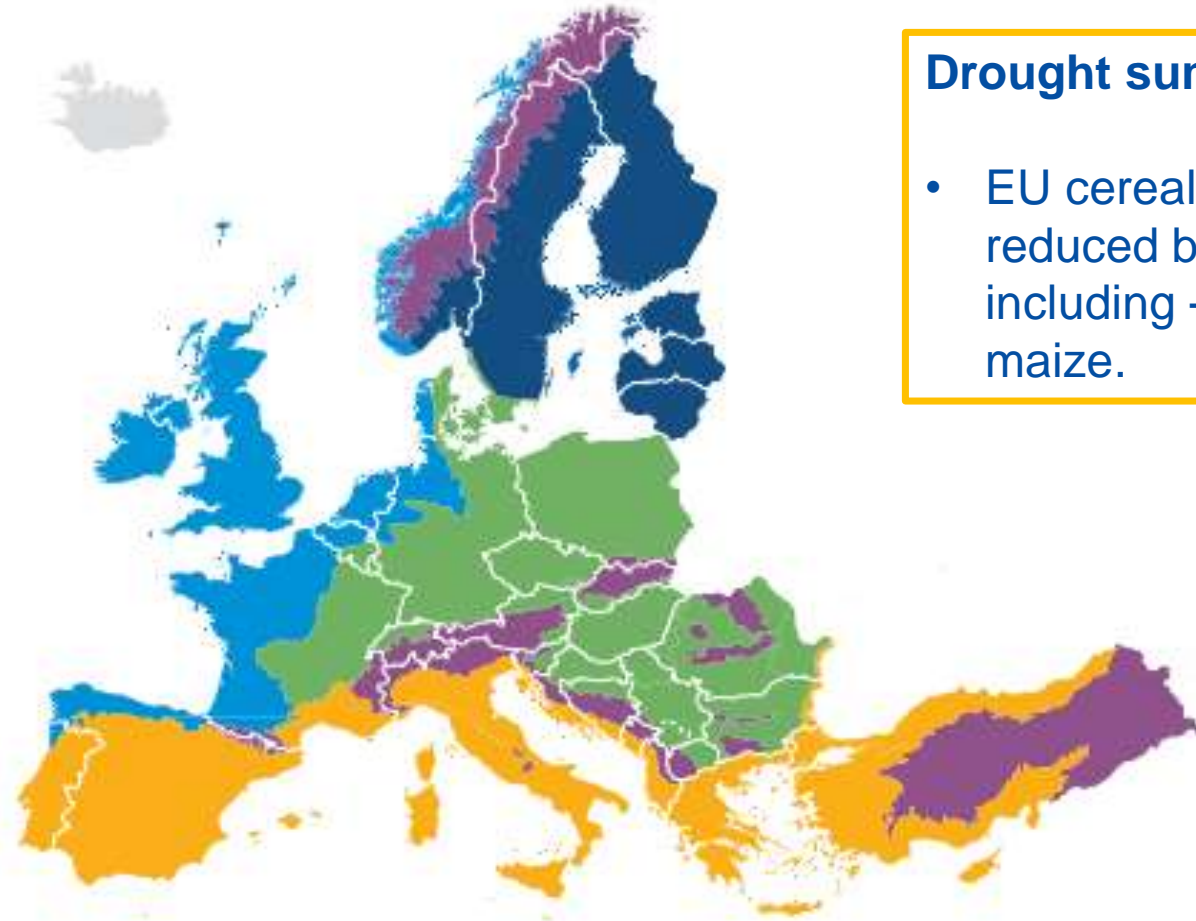
Increase in heavy precipitation events  
Increasing risk of river and coastal flooding  
Increasing damage risk from winter storms

## Continental region

Increase in heat extremes  
Decrease in summer precipitation  
Increasing risk of river floods

## Mountain regions

Temperature rise larger than European average  
Upward shift of plant and animal species  
Risk of hail  
Risk of frost  
Increasing risk from rock falls and landslides



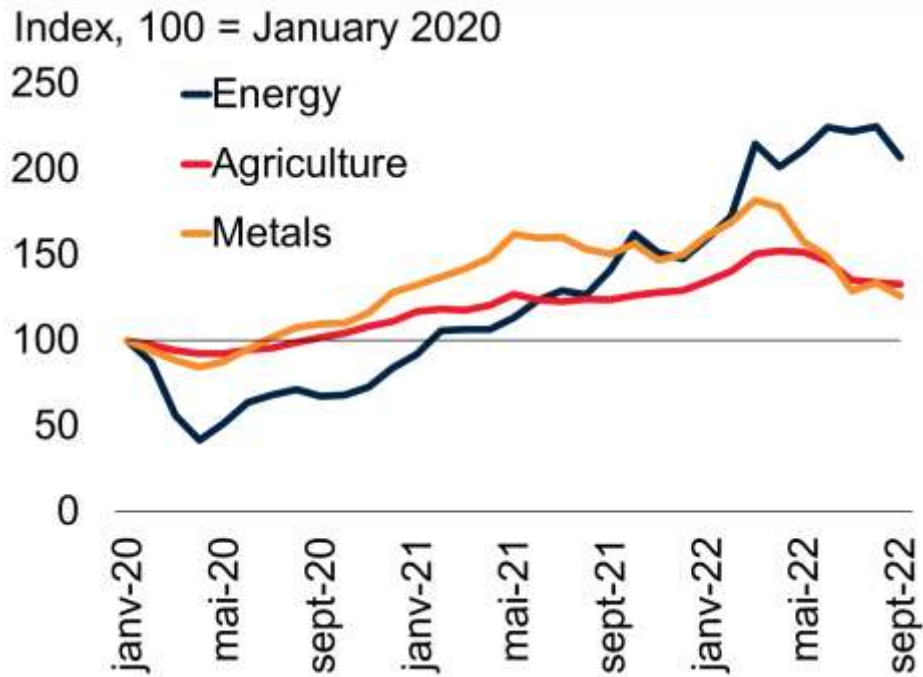
Source: Adapted from EEA 2017b

## Drought summer 2022:

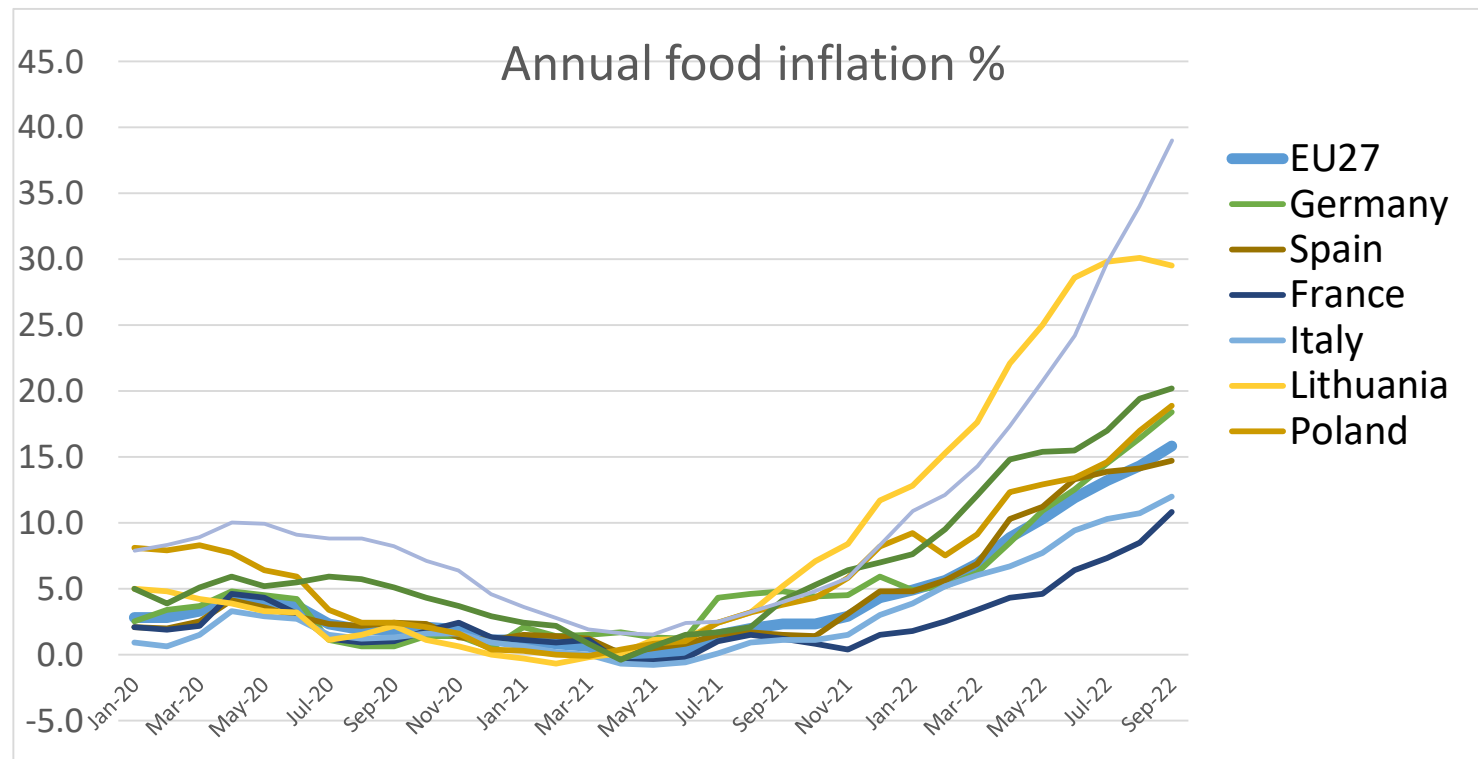
- EU cereal production reduced by 8%, including -24% for maize.

# Agri-food and energy markets in turmoil,

*largely due to the unprovoked and unjustified Russian invasion of Ukraine,...*



Source: World Bank, 2022, Commodity Markets Outlook



Source: Eurostat

# Farm to Fork Objectives

## SOCIAL SUSTAINABILITY



Healthier diets  
– reduce  
overweight



Improve  
animal  
welfare



Social rights  
workers in food  
chain



Food  
affordability

## ENVIRONMENTAL SUSTAINABILITY



Tackle climate  
change



Protect the  
environment



Preserve  
biodiversity



Reduce food  
losses and  
waste



Circular bio-  
based  
economy

## ECONOMIC SUSTAINABILITY



Fairer incomes  
for farmers &  
fishers



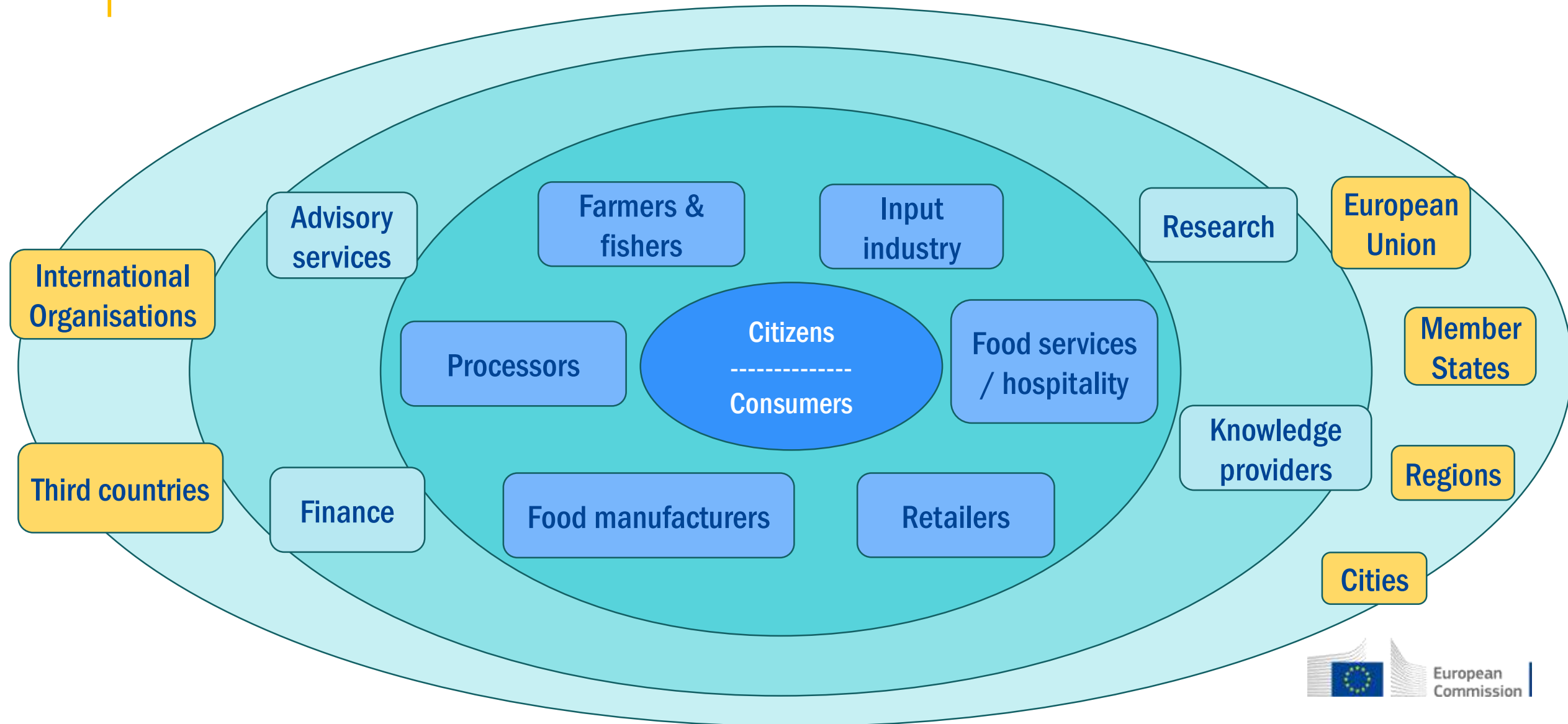
Just  
transition



New business &  
job opportunities



# Integrated approach from farm to fork





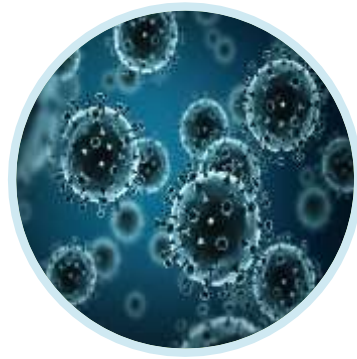
# The Green Deal Targets (F2F and Biodiversity Strategies)



Reduction by 50 % of the overall use and risk of **chemical pesticides** and reduction use by 50 % of more hazardous **pesticides** by 2030



Achieve at least 25 % of the EU's agricultural land under **organic farming** and a significant increase in **organic aquaculture** by 2030



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



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



At least 10 % of agricultural area **under high-diversity landscape features** by 2030






Achieve 100 % access to **fast broadband internet** in rural areas by 2025



# Key Farm to Fork Initiatives

## Actions to ensure sustainable food production

- **Recommendations** to Member States on sustainability in Common Agricultural Policy national Strategic Plans 
- Action plan for the **organic sector** 
- **Revision of Sustainable Use of Pesticides Directive** 
- Action plan for **integrated nutrient management** 2022
- Revision of existing **animal welfare** legislation 2023

## Actions to promote shift towards healthy, sustainable diets

- Proposal for a **sustainable food labelling framework** 2023
- Review of the **EU promotion programme** 2022
- Review of the **EU school scheme** 2023
- Proposal for a harmonised **mandatory front-of-pack nutrition labelling** 2022
-  Legislation and targets on **food waste** 2023

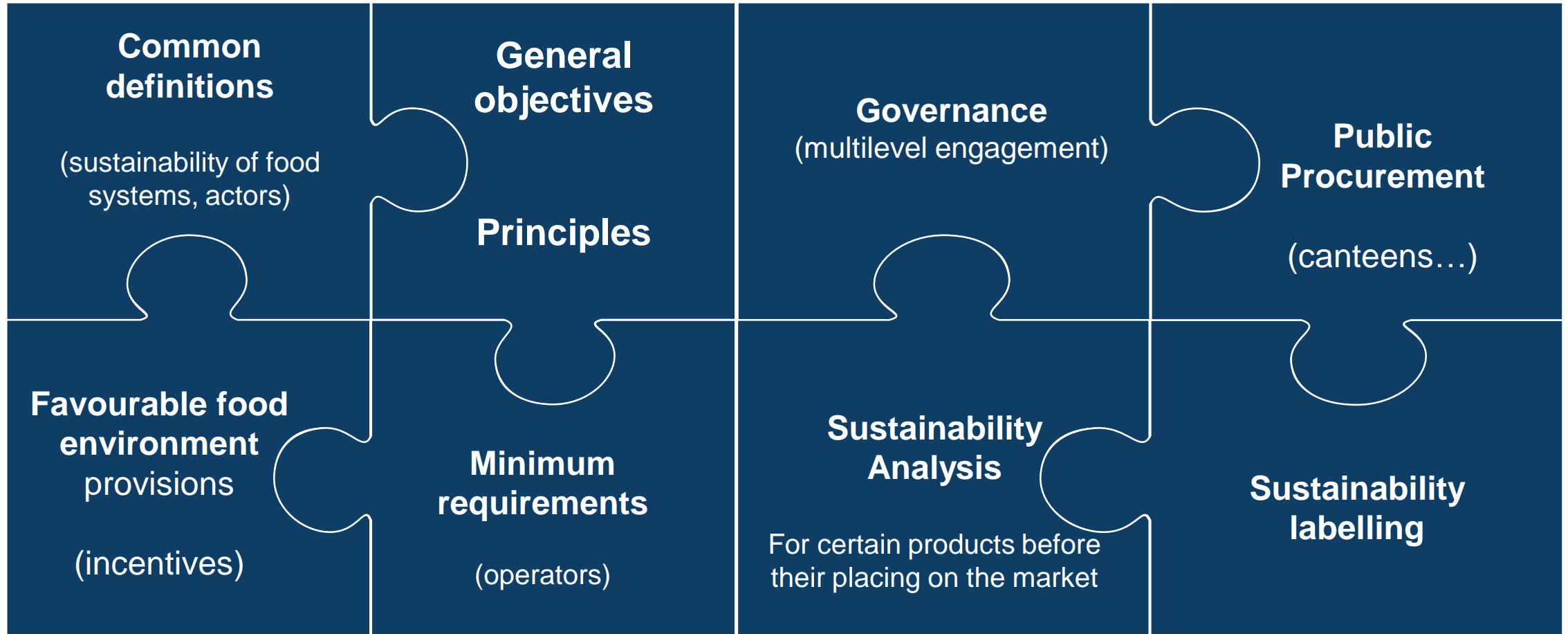
## Actions to stimulate sustainable practices by food industry and food service

- EU code & monitoring framework for **responsible business and marketing conduct** in the food supply chain 
- Strengthen the legislative framework on **geographical indications** 
- Enhance coordination to tackle **Food Fraud** 
- Revise **EU marketing standards** 2022

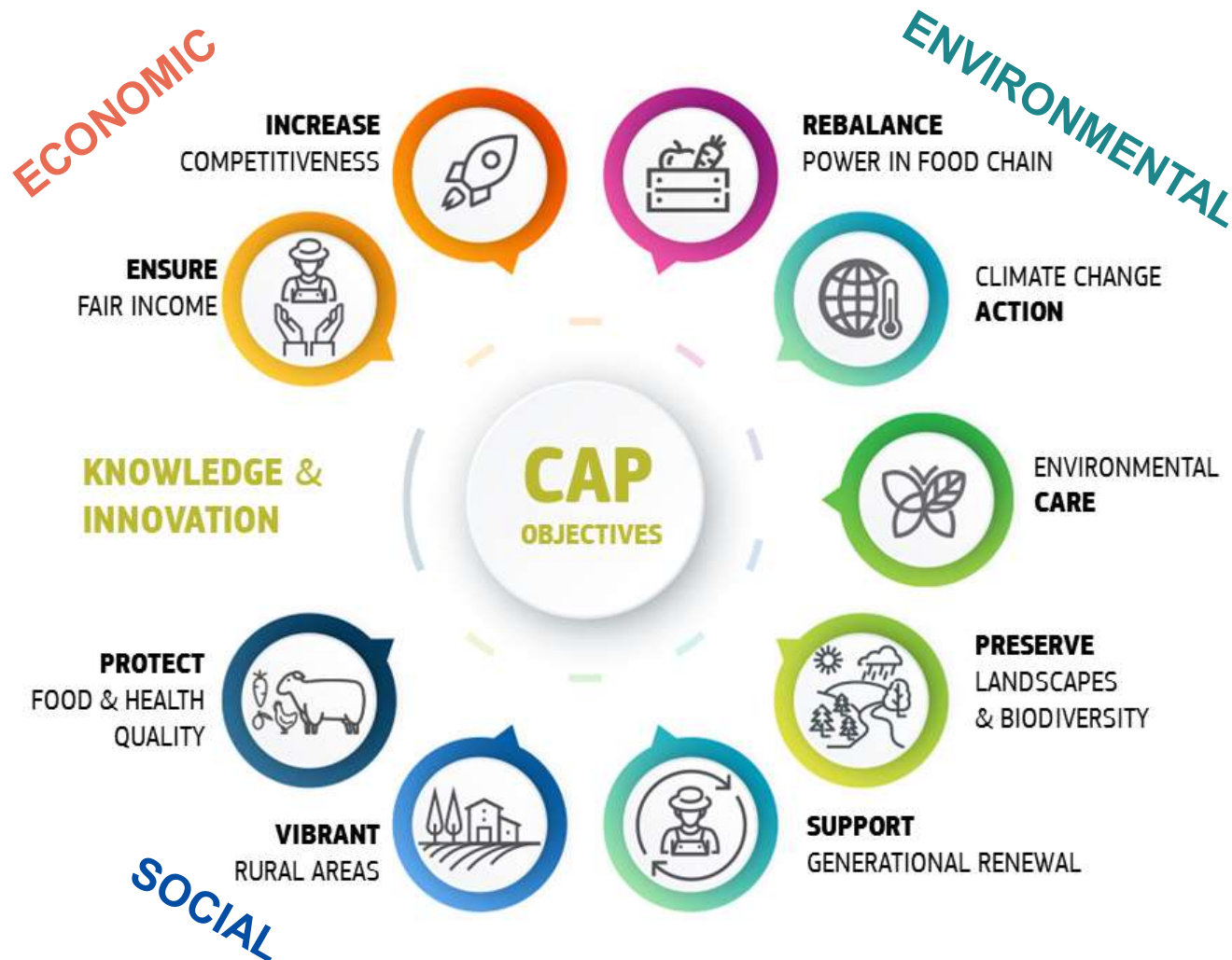
# Objectives of the Framework Law on the Sustainability of the Union's Food System (FSFS)

1. Promote **policy coherence** at EU and MS level
2. **Mainstream sustainability** in all food-related policies
3. **Strengthen the resilience** of the food system (food security)
4. Ensure a **food environment** where choosing healthy and sustainable diets is easier for consumers and at an affordable price;
5. **Avoid externalisation** of unsustainable practices;

# Elements of the legislative framework for a Union sustainable food system



# CAP reform priorities



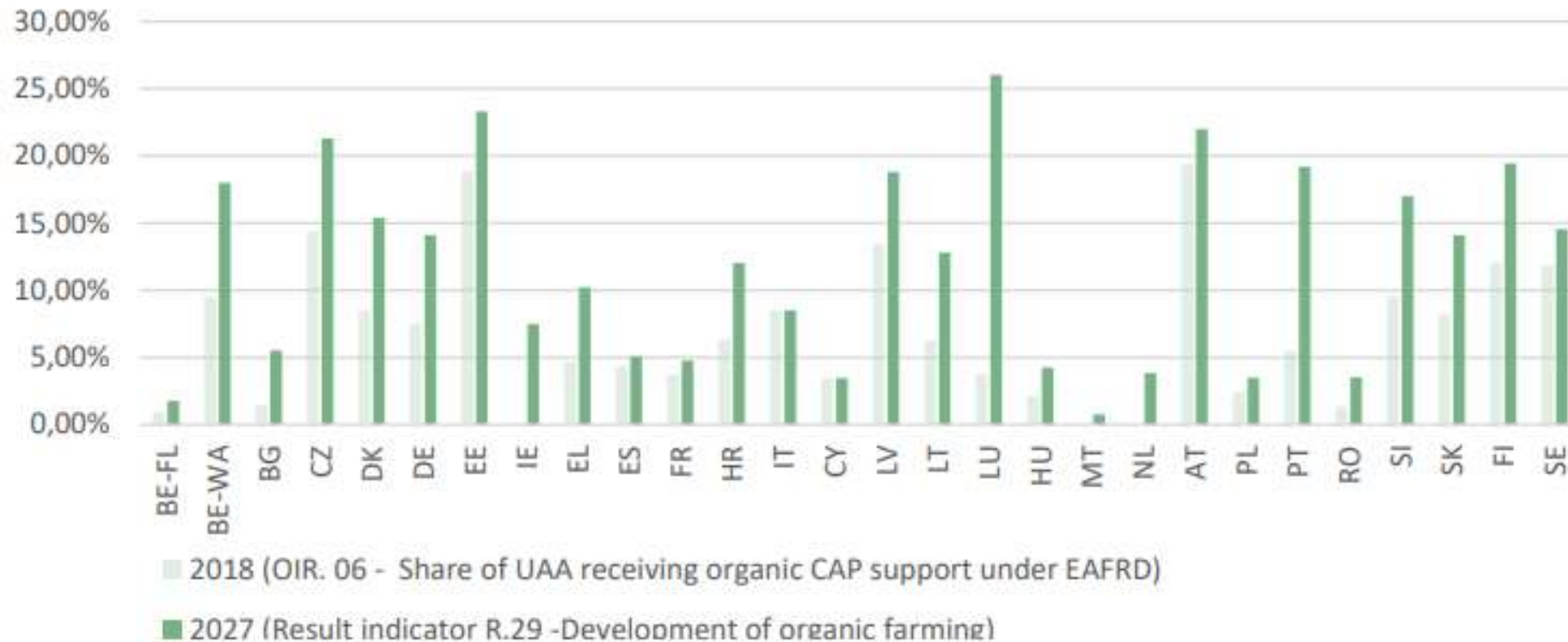
## Key reform features

- **Key policy instruments maintained:** income support to farmers, rural development aid, sectoral programmes
- 5-year **strategic plans** (2023-2027) for each Member State, currently under negotiation
- **Higher environmental conditions** for support to farmers
- At least 25% of direct support to farmers for **voluntary practices** on farms for the benefit of environment, climate and animal welfare

# Stimulating organic farming

Comparison between supported organic area with CAP funding in 2018 and the targeted area to be supported in the next programming period (based on the proposed CAP Strategic Plans)

Share of UAA supported by the CAP for organic farming (2018-2027)<sup>1</sup>



<sup>1</sup> CY and IT did not provide any data for 2027 (R.29). For the purpose of this overview, the level of support has been considered unchanged.

Source: Proposed CSPs

# Delivering transformation through knowledge, innovation and digitalisation

- Advancing research, knowledge-sharing, and innovation is essential for a smart and sustainable agricultural sector
- **EUR 9 billion** under Horizon Europe (2021-2027) dedicated to food, environment, agriculture, bioeconomy + a **Soil Deal for Europe!**
- **Investment support:** agricultural funds, Next Generation EU
- **Strategic approach** for Agricultural Knowledge and Innovation Systems (AKIS)
- **European Innovation Partnership (EIP-AGRI)** key to stronger agricultural knowledge and innovation systems
- **Farm Advisory Services** key tool in sharing new knowledge and ideas





# A new horizon for COOPERATION!

1. **Higher costs** increase pressure along the food chain: stronger incentives for farmer's cooperation
2. Challenges on the management of **natural resources** (water, fertilization, chemical use) better managed at collective level
3. Need for accelerate the **access to knowledge and to digital solutions** to the farming community across sectors and territories



# Thank you



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