



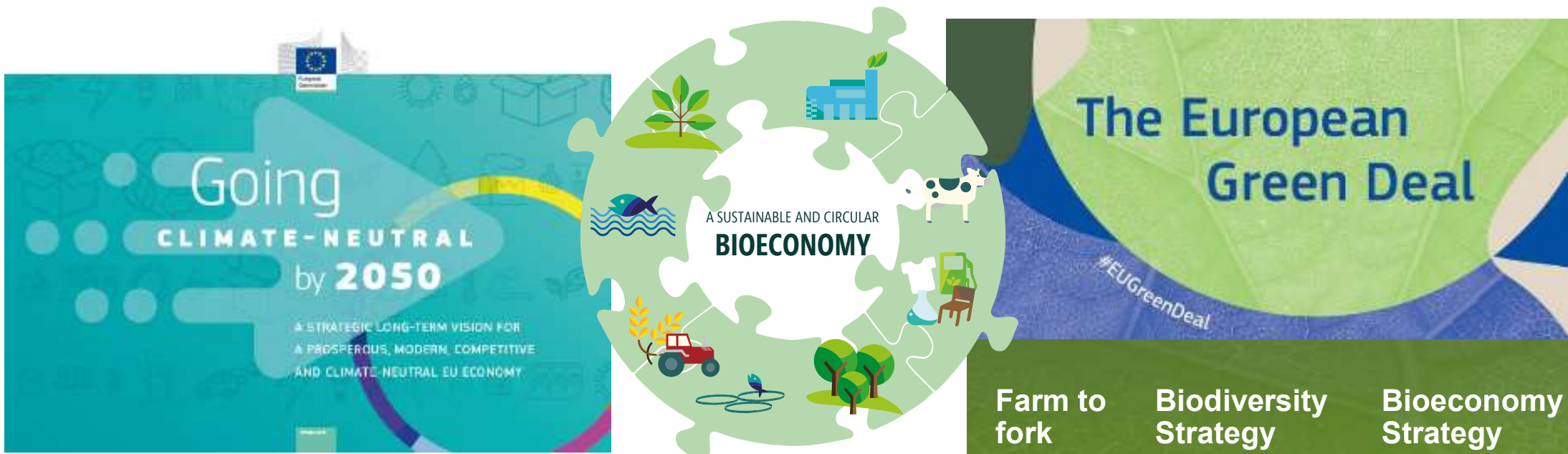
# The European Bioeconomy

**Bioeconomy**

**CoR Multi Level Dialogue on Just Transition**

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DG Research & Innovation*

# A circular and sustainable bioeconomy within the European Green Deal: a model for green growth



Ensuring Food and Nutrition security



Mitigating and adapting to climate change



Reducing dependence on non-renewable, unsustainable resources



Strengthening European competitiveness and creating jobs



Managing natural resources sustainably

# The EU Bioeconomy Strategy and Action Plan

- SUSTAINABILITY and CIRCULARITY at its core
- SYSTEM-wide approach
- Policies across sectors, addressing trade-offs, co-benefits
- More than research & innovation
- Delivering for the citizens, in particular in rural areas
- A set of 14 well-defined actions including a monitoring system with clear indicators

## STRENGTHEN AND SCALE-UP THE BIO-BASED SECTORS, UNLOCK INVESTMENTS AND MARKETS



**Mobilise stakeholders in development and deployment of sustainable bio-based solutions**



**Launch the EUR 100 million Circular Bioeconomy Thematic Investment Platform**



**Analyse enablers and bottlenecks for the deployment of bio-based innovations**



**Promote and develop standards, labels and market uptake of bio-based products**



**Facilitate the development of new sustainable biorefineries**



**Develop new biodegradable products, including bio-based plastic substitutes**

2

## DEPLOY LOCAL BIOECONOMIES RAPIDLY ACROSS EUROPE



**Launch a Strategic Deployment Agenda** for sustainable food and farming systems, forestry and bio-based products



**Launch pilot actions for the development of bioeconomies** in rural, coastal and urban areas



**Support regions and Member States** to develop Bioeconomy Strategies



**Promote education, training and skills** across the bioeconomy

3

## UNDERSTAND THE ECOLOGICAL BOUNDARIES OF THE BIOECONOMY



**Enhance knowledge** on biodiversity and ecosystems



**Monitor progress** towards a sustainable bioeconomy



**Promote good practices** to operate the bioeconomy within safe ecological limits



**Enhance the benefits** of biodiversity in primary production

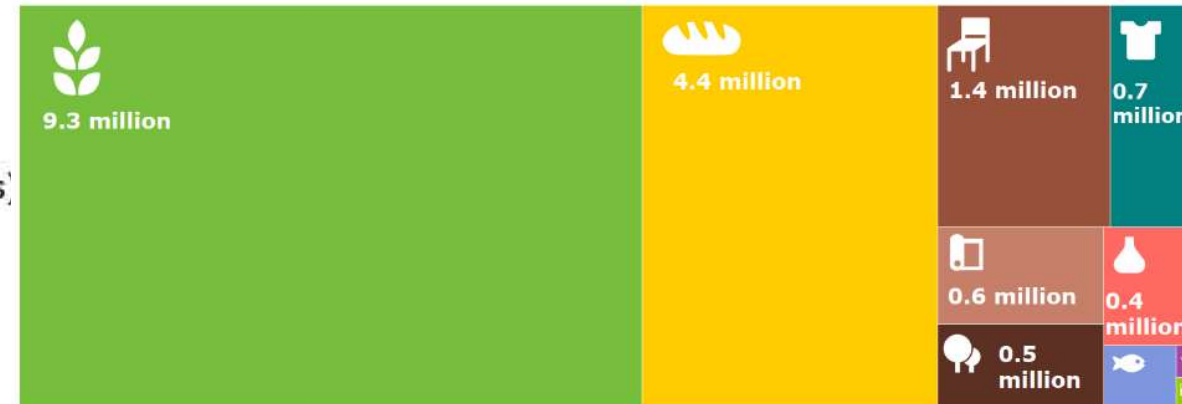
# Bioeconomy in Europe

-  Agriculture
-  Forestry
-  Fishing and aquaculture
-  Manufacture of food and beverages and other agro-manufacturing
-  Manufacture of bio-based textiles
-  Manufacture of wood products and furniture
-  Manufacture of paper
-  Manufacture of bio-based chemicals, pharmaceuticals, plastics and rubber (excluding biofuels)
-  Manufacture of liquid biofuels
-  Production of bioelectricity

## Turnover - EUR 2.2 trillion

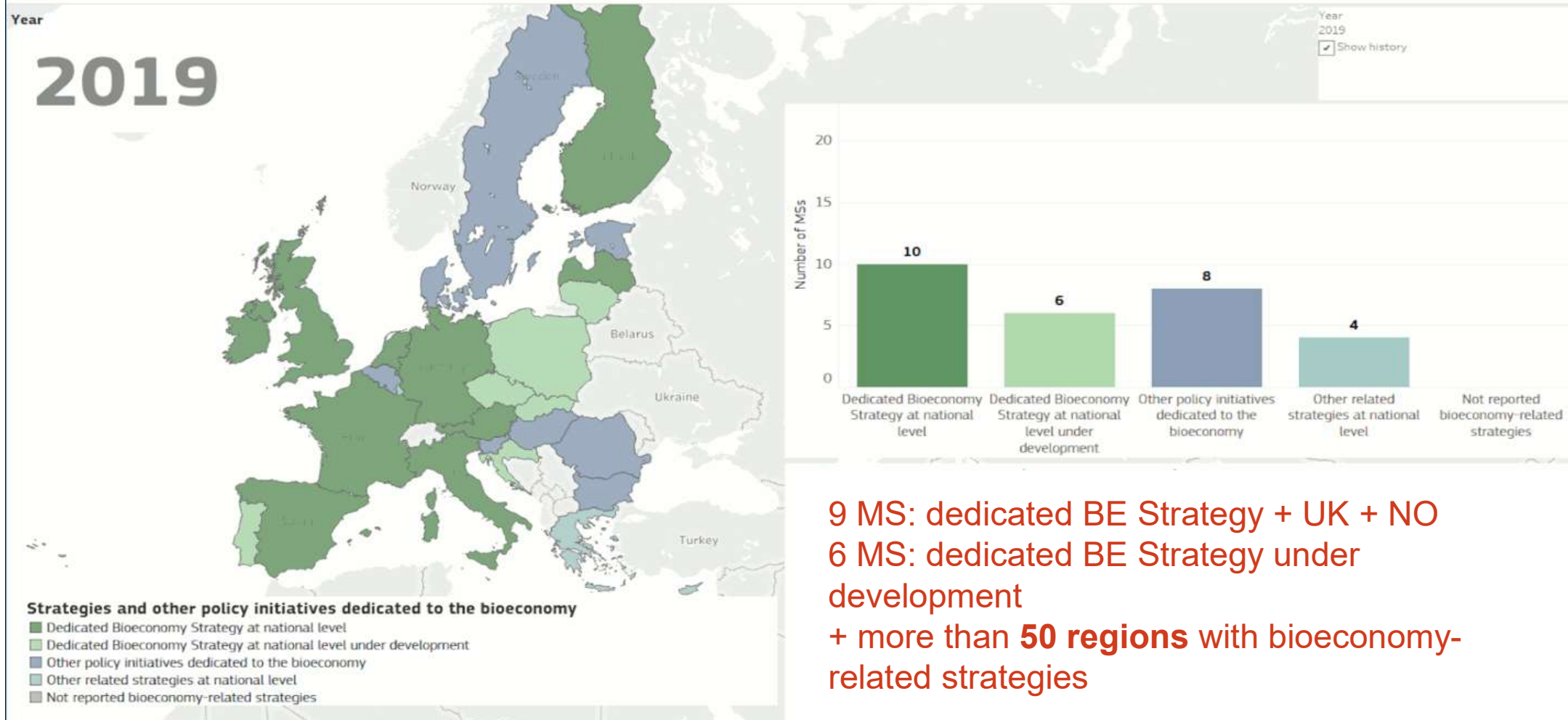


## Jobs - 17.5 million people



# National Bioeconomy Strategies

## Evolution of the strategies and other policy initiatives dedicated to the bioeconomy

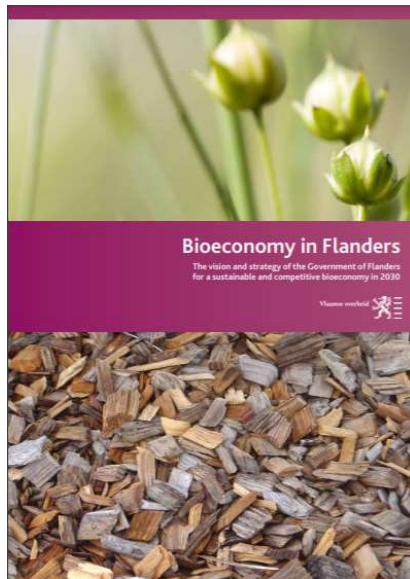




# Regional Bioeconomy Strategies



Bayern Bioeconomy Strategy



Flanders Bioeconomy Strategy



Kainuu region Bioeconomy Strategy

Bioeconomía en Euskadi



Basque Bioeconomy Strategy



**European Forest Institute - Bioregions Facility**

The Bioregions Facility promotes Trans-regional cooperation for a sustainable and integrative forest-based circular bioeconomy.



# Future CAP common specific objectives

**Cross-cutting objective  
KNOWLEDGE  
& INNOVATION**

Competitiveness



Power in Food Chain



Climate Change

contribute to CC mitigation and adaptation, as well as **sustainable energy**

Viable Income



9 common  
specific  
CAP  
OBJECTIVES



Resource  
Management

Food and Health,  
Animal welfare



Landscapes &  
Biodiversity

Rural Areas  
promote employment, growth, social inclusion and local  
development in rural areas,  
**including bio-economy and sustainable forestry**



Generational Renewal

# Opportunities for the Bioeconomy in the National Strategic Plans

The Bioeconomy plays an important role in mitigating EU emissions and reaching net carbon neutrality

Farmers to play a more active / central role into the Bioeconomy supply chains

Importance to design MS National Strategic Plans fostering the Bioeconomy

## **The proposal of the future CAP:**

- has an increased budget for environment and climatic objectives,
- provides tools to enhance the Bioeconomy,
- gives MS the flexibility needed to adapt to local specificities

## **CAP Funding - Rural Development**

### **Current EAFRD Financial support**

- Investments (Measure 4)
- Farm and business development (Measure 6)
- Infrastructure (Measure 7)
- Forestry (Measure 8)
- LEADER (Measure 19)
- Commission Recommendations for future CAP Strategic Plans of MS
- **Rural Development Programmes 2014-20 (extended by 2 transition years) and future CAP Strategic Plans**



# Thank you for your attention



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