

# Bioeconomy Communication 2018

# What is the EU's understanding of the Bioeconomy.....

All sectors & systems that use / produce / process / are driven by biological resource



- Ecosystems on land and sea
- Primary production systems - agriculture, forestry, aquaculture / fisheries – **incl. waste/side streams**
- Food, feed, fibres, bio-based industry, fuels and bio-energy



# WHAT does the updated Bioeconomy strategy aim to achieve....

- Link the sustainable use of renewable biological resources for food, feed, bio-based products and bioenergy, with the protection and restoration of biodiversity, ecosystems and natural capital across land and water.
- Step up action to ensure that the Bioeconomy provides a long-term balance of social, environmental and economic gains.

## .... and HOW

- A SYSTEM-wide approach,
- expanding beyond research and innovation,
- delivering on policies across sectors, addressing trade-offs
- strengthening CIRCULARITY and SUSTAINABILITY
- delivering for the citizens - on jobs, sustainable growth, well being - and on planetary health
- in LOCAL contexts, valorising local resources and adapted to local needs



# DRIVING EU POLICY PRIORITIES

- **Job creation** – e.g. Bio-based industries could create up to 1 million jobs by 2030 (industry estimate), in particular in rural and coastal areas
- **Climate mitigation** – through use of bio-energy/ bio-based materials/ecosystems services; e.g. the use of 1 ton of wood instead of 1 ton of concrete in construction can lead to 2.1 ton CO<sub>2</sub> reduction
- **A renewed and strengthened EU industrial base** – Global leadership position in bio-chemicals and substitutes for fossil raw materials (plastics, packaging, cosmetics, consumer goods) based on research and innovation
- **Circular economy** – e.g. cutting food waste, recycling of high value organic waste
- **Healthy ecosystems and biodiversity** – e.g. through restoring degraded soils



# Actions

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



# Policy Support Facility (PSF) under the updated BE strategy

## - Context

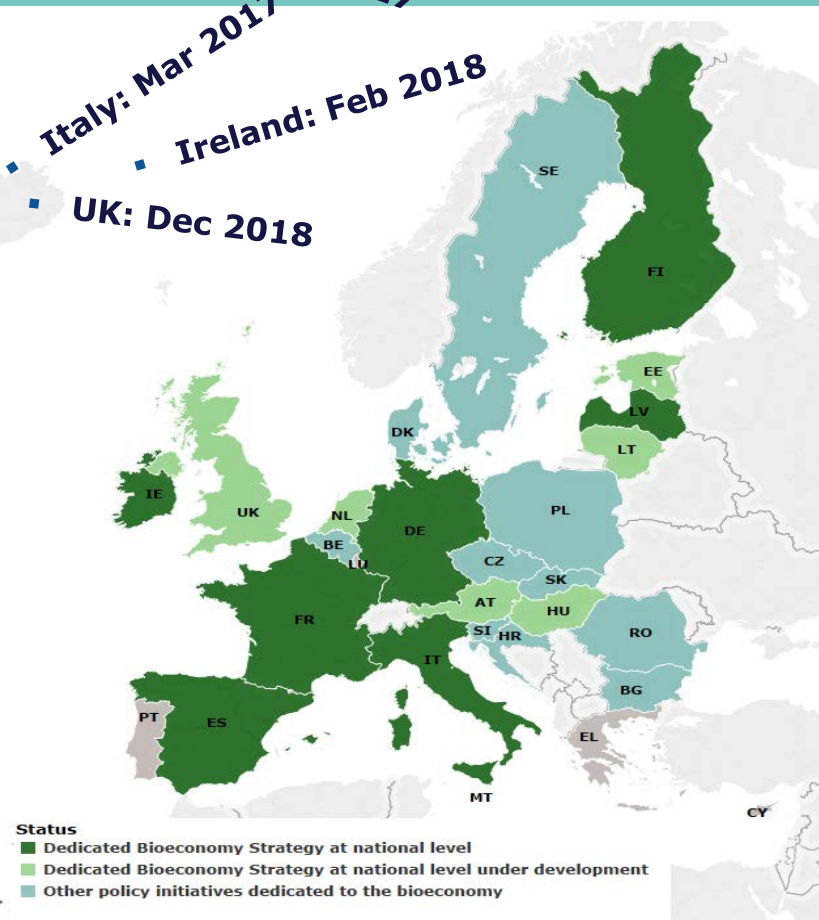


- France: Feb 2017
- Italy: Mar 2017
- Ireland: Feb 2018
- UK: Dec 2018

## National Bioeconomy Strategies

**Bioeconomy in EU** - Great diversity... - Wide variety...

- 8 MS have a dedicated bioeconomy strategy  
(Finland, Latvia, Germany, Italy, France, Spain, Ireland, UK)
- 5 MS in the process  
(Austria, Estonia, Hungary, Lithuania, the Netherlands)
- 11 MS from CEE plan to develop bioeconomy Strategy under the **Bioeast initiative + support from PSF**  
(Bulgaria, Croatia, Czech Republic, Hungary, Poland, Romania, Slovakia, Slovenia, Estonia, Lithuania, Latvia)
- >50 regions have a bioeconomy-related strategy  
Almost all foresee R&I in their RIS3 (*CoR Opinion*)
- **Only a few cities** have bioeconomy-related priorities in their policies ....



# Policy Support Facility (PSF) under the updated BE strategy

## - Scope



### Scope

To provide support to develop and implement bioeconomy strategies across Europe

### PSF objectives

- 1) Activate a support mechanism for Member States, drawn among others on good practices and independent high-level expertise and guidance, peer reviews, and/or other customised support
- 2) Increase the number of EU Member States with a dedicated bioeconomy strategy – especially in moderate/modest innovator Member States where there is not yet such a strategy

### Points of attention

- Focus on Central and Eastern Europe through the BIOEAST initiative BUT other countries are also on board (Greece, Portugal, Malta, Cyprus..)
- These strategies go beyond R&I; Need to be developed jointly with various ministries covering bioeconomy-relevant policy areas  
(*agri-, forest-based sectors, industry, environment, regional..*)
- There is no single "bioeconomy blueprint" but a variety of "bioeconomies"  
(*biomass availability, infrastructures, markets, know-how, investment capacity*).

## Workshop's specific objectives

Since 2015...  
EC Policy Support Facility for general R&I reforms  
All EU Member States have participated in at  
least one PSF activity!

8 reviews

9  
specific  
support

11  
Mutual  
Learning  
Exercises

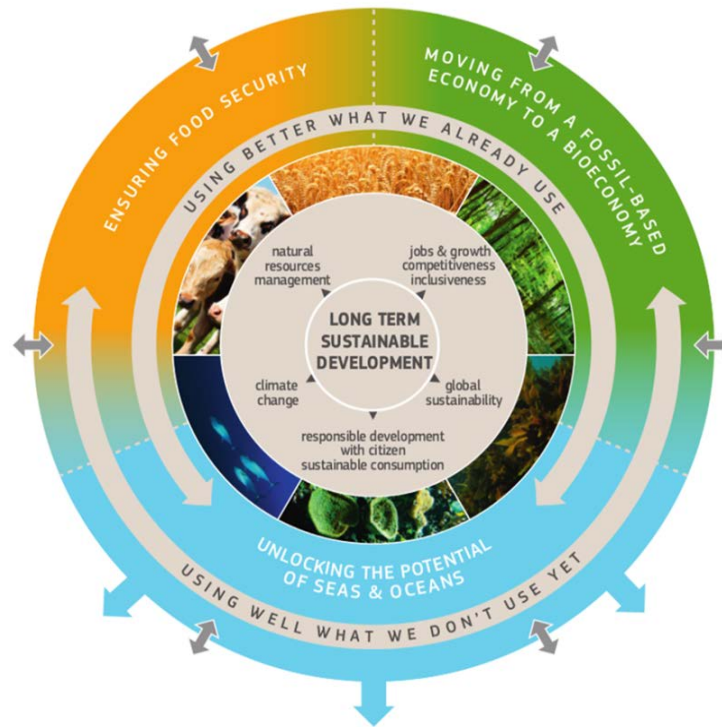
Learn from  
already  
existing  
knowledge /  
tools (EC)

Initiate  
discussion  
on  
needs/gaps

Examine various  
options on how MS  
can get better  
organized  
(next steps)



Thank you !



For more information, please visit our website: <https://ec.europa.eu/research/bioeconomy/index.cfm>