

## PLENARY DISCUSSION

*Outcomes of the SCALE-UP training  
programme and their relevance for EU  
policy-making*



# OUTCOMES OF THE SCALE-UP TRAINING PROGRAMME

*LINKING RELEVANT LESSONS LEARNT TO THE  
PRIORITY AREAS OF THE EU BIOECONOMY STRATEGY  
AND ITS ACTION PLAN*



## PRIORITY AREA 1

### STRENGTHEN AND SCALE UP THE BIOBASED SECTORS, UNLOCK INVESTMENTS AND MARKETS

- Develop **dynamic regulatory frameworks** to support innovation and small-scale businesses (e.g., reducing barriers for small producers, overcoming over-strict formulations on fertilizer products, sludge and RENURE).
- **Promote circular economy practices** to minimize waste and maximize resource use efficiency (e.g., Andalusia).
- Focus on **high-value products** from biomass to boost competitiveness.
- Promote **diversification** (e.g., bio-based packaging, agri-voltaics in North Macedonia).
- **Develop local forest biomass supply systems** that can efficiently supply biorefineries with sufficient raw material that meets their specific quality and seasonal demands.





## PRIORITY AREA 1

### STRENGTHEN AND SCALE UP THE BIOBASED SECTORS, UNLOCK INVESTMENTS AND MARKETS

- **Equip stakeholders** to adapt to market dynamics and rising energy costs.
- Foster **relationships among diverse stakeholders**, including government, SMEs, academia, and civil society.
- **Expand cluster networks** and public-private partnerships.
- Engage societal groups like youth and primary producers to **create a holistic approach to resource and waste governance**.
- **Promote cultivation of multi-purpose crops** like rapeseed, serving both biofuel and food markets to enhance flexibility and resilience.
- ***Foster multi-actor networks for resource access and mobilization (e.g., Northern Sweden).***



## GOOD PRACTICE EXAMPLE

# BioFuel Region<sup>TM</sup>

→ Establishment/expansion of regional stakeholder network



# Expansion of regional stakeholder network



Regional  
Platform  
Wood Fuel  
Network



Bioinnovation  
Support



Survey



TRAINING  
SESSIONS



100 participants



KEY MARKET ACTORS







## PRIORITY AREA 2

### DEPLOY LOCAL BIOECONOMIES RAPIDLY ACROSS THE WHOLE OF EUROPE

- Support **supply chains tailored to local conditions**, ensuring regulatory compliance and environmental benefits (e.g., French Atlantic Arc's fiber plant focus; *Boden.Wasser.Schutz.Beratung* in Upper Austria).
- Establish **regional stakeholder platforms** that help sharing information, developing biomass hubs and logistics, and promoting innovation for scaling-up and cost reduction.
- Support cooperatives and clusters for **resource pooling and integration** (e.g., Poland).
- Establish **digital innovation hubs** as platforms to increase digital literacy and promote collaboration, using digital technology to leverage regional strategies
- Provide **support for bottom-up practices** such as waste reduction initiatives, food donations, rural entrepreneurship.
- Align **community-driven initiatives** with EU objectives **for broader and long-term impact**.
- **Minimize waste and maximize resource use** by integrating circular economy principles (e.g., Andalusia's utilization of residual biomass).
- ***Establish Knowledge Hubs to link academia with producers and drive innovation.***



# GOOD PRACTICE EXAMPLE





## BIOHUBCAT ONE-STOP SHOP FOR CATALONIA'S CIRCULAR BIOECONOMY

**Central Hub for Circular Bioeconomy:** Connects companies and entrepreneurs with resources to generate economic value from renewable organic resources in Catalonia

**Extensive Resource Network:** Offers a Technologies Catalogue, Services Catalogue, and access to the Bioeconomy Strategy of Catalonia 2030 (EBC2030) to facilitate innovation and knowledge transfer.

**Strategic Initiatives for Growth:** Implements projects like pre-industrial scale-up plants, business development support, and research enhancement to promote entrepreneurship and ideal conditions for bio-industries.





## PRIORITY AREA 3

### UNDERSTAND THE ECOLOGICAL BOUNDARIES OF THE BIOECONOMY

- Enhance **awareness and training for producers** on regulations and market trends.
- Utilize **policy monitoring systems** and **environmental protection planning tools** to drive evidence-based decisions.
- **Address research gaps** such as the *sustainable biomass potentials at local, regional, and global scales* (e.g., provide benchmarks); the measurement of biodiversity loss and water scarcity and pollution associated to bioeconomic activities, and the integration of bioeconomy with circular economy monitoring.
- Establish **regionalized key performance indicators** to measure progress and impact effectively and accompany them with support to regional administrations **to develop/increase enforcement capacity**.
- **Optimize** resource use and focus on **supply chain efficiency** and **map bio-waste sources** to maximize sustainability; Explore **composting and digestion** as major routes **for recycling nutrients**.
- **Establish exchanges** between *EU Member States* (also internationally) **on the topic of bioeconomy monitoring**.
- **Scale up proven initiatives** such as precision farming, waste valorisation, and digital solutions, collaborative business models that integrate ecosystem services.
- **Align bioeconomy practices with sustainability goals and eco-friendly methods of production**.
- **Build trust with farmers and traditional industries to integrate bio-based solutions**.

# GOOD PRACTICE EXAMPLE

# TERRES DE SOURCES

LES PRODUCTEURS D'ICI  
PROTÈGENT L'EAU





# TERRES DE SOURCES

LES PRODUCTEURS D'ICI  
PROTÈGENT L'EAU



Avec le soutien financier de





# OPEN DISCUSSION



## CLOSING WORDS



THANK YOU !

