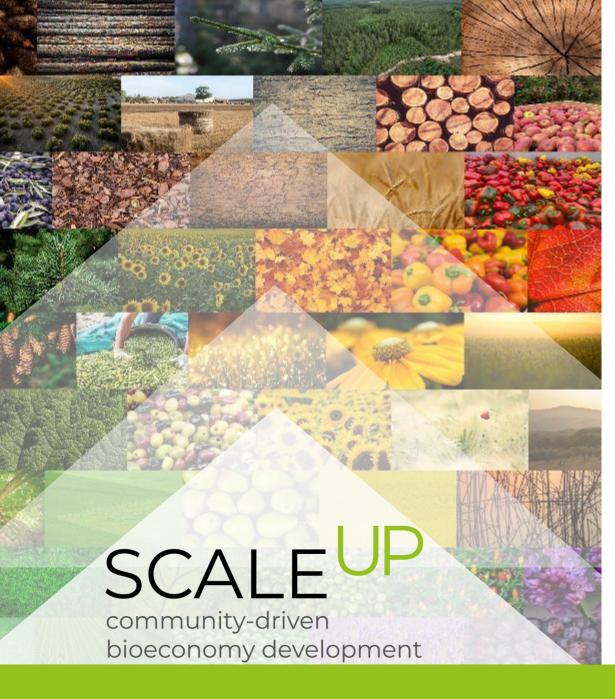




PLENARY DISCUSSION

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





SCALE^{UP} community-driven bioeconomy development

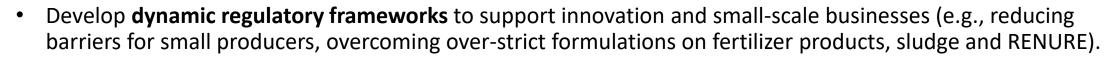
OUTCOMES OF THE SCALE-UP TRAINING PROGRAMME

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

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No. 101060264.



PRIORITY AREA 1 STRENGTHEN AND SCALE UP THE BIOBASED SECTORS, UNLOCK INVESTMENTS AND MARKETS



- 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.



community-driven

bioeconomy development

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).



community-driver

bioeconomy development



GOOD PRACTICE EXAMPLE



→ Establishment/expansion of regional stakeholder network





Expansion of regional stakeholder network





Regional Platform Wood Fuel Network

Bioinnovation Support



Survey





100 participants



KEY MARKET ACTORS



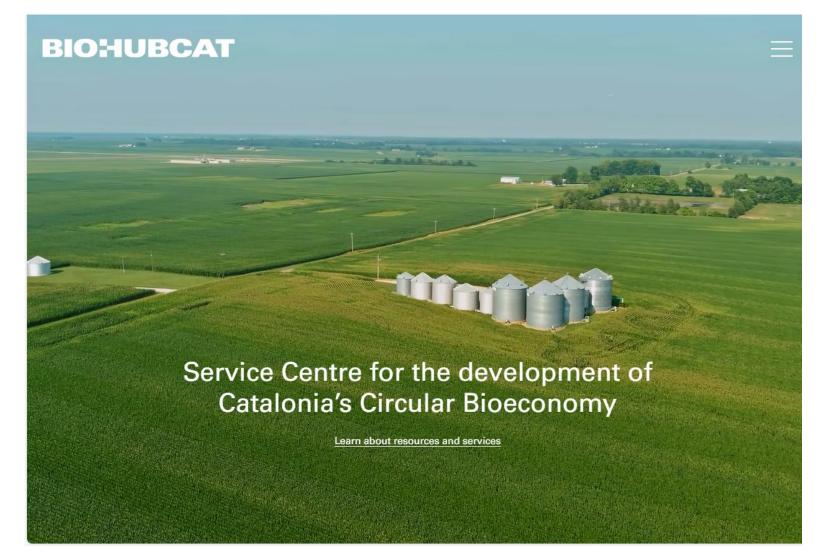


PRIORITY AREA 2 DEPLOY LOCAL BIOECONOMIES RAPIDLY ACROSS THE WHOLE OF EUROPE

- 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



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 preindustrial scale-up plants, business development support, and research enhancement to promote entrepreneurship and ideal conditions for bio-industries.





- 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 DES PRODUCTEURS D'ICI PROTÈGENT L'EAU







Avec le soutien financier de



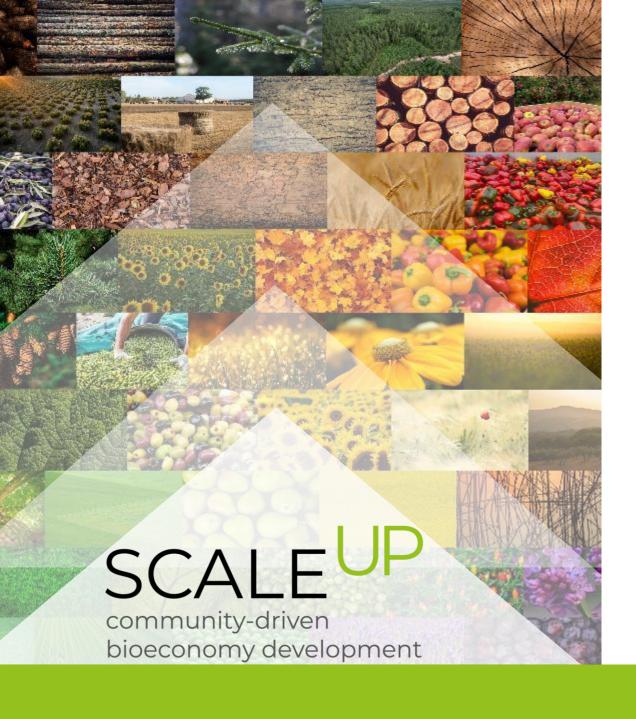


FRANCE





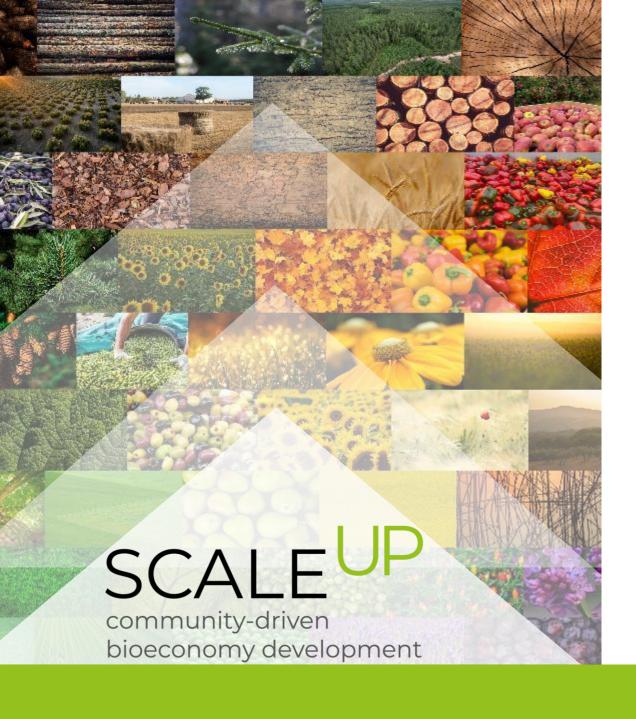
TERRITOIRES D'INNOVATION





OPEN DISCUSSION

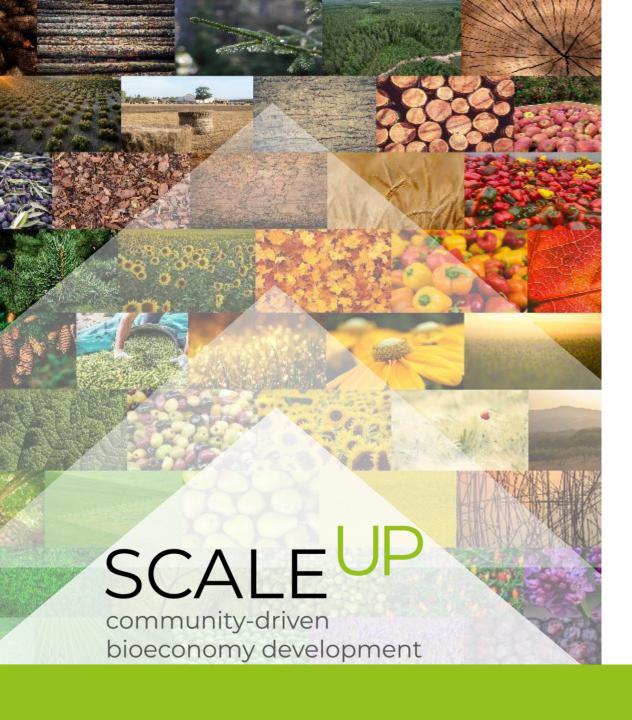






CLOSING WORDS







THANK YOU !

