

#bioeconomystrategies

CIRCULAR REGIONS



BIOMODEL
4REGIONS

6 Regions, 1 Goal:

Advancing Europe's Bioeconomy Together



[Normandy region]

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Presentation of the Pilot Region: Normandy



- Second largest fishing region in France, 640 km of coast
- First region for shellfish, especially oysters and scallops
- 8 commercial ports
- 2 millions hectares of agricultural lands
- 90 000 tonnes of subproducts/ year

Significant forest, agricultural, fish and aquaculture biomass available

Blueprint strategy

5 areas of interest:

- Plant proteins: increase the production
- Blue Bioeconomy: valorization of subproducts
- Natural fibers as materials: raise awareness and knowledges on natural solutions
- Bioenergy: development of forest sector and industrial decarbonization
- Bio-based chemistry: use of biomass (amidon, colza seed to produce chemical compounds).



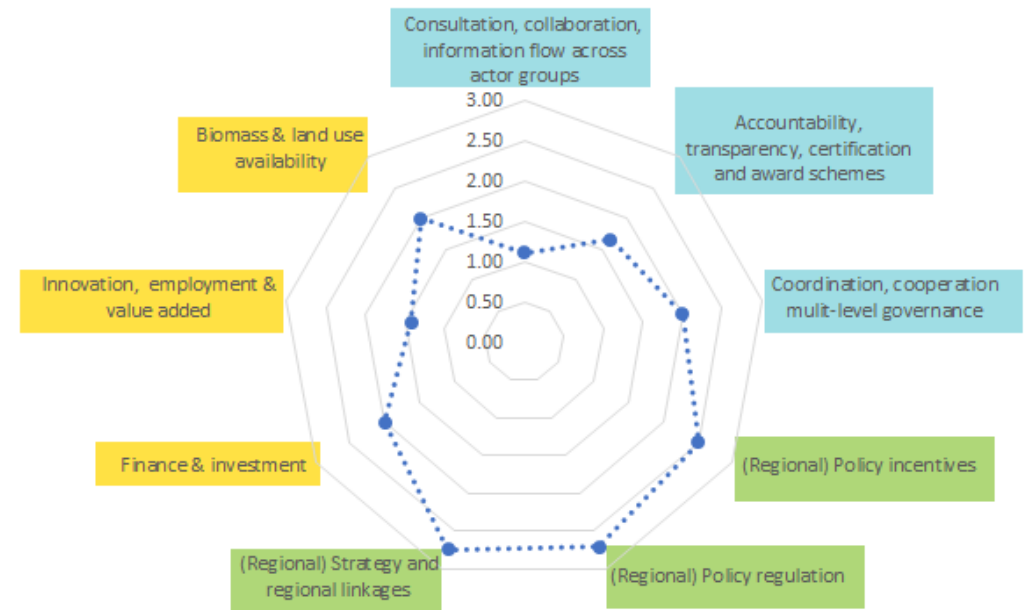
Best practice or interesting insight

Strength in :

- Regional strategy and regional linkages
- Regional policy regulation
- Regional policy incentives

Effective support for the adaptation of bio-based products and technologies, demonstrating a clear commitment to sustainability and innovation.

Governance Profile NORMANDY Region (Tier-2 level)



Challenges faced



- Regulations decrease the development of the industry
- Administrative barriers for new stakeholder to set up in the region
- High cost of innovation and few support
- Supply chain and expansive transport cost
- Not enough collaboration between stakeholders
- Challenges in consultation, collaboration and public awareness

Future applications

- Research to valorize by-products and waste
- Development of new innovative projects for food, pharmaceuticals and cosmetics markets
- Development of new sectors
- Development of training courses to support innovative companies and local authorities in their bioeconomy transition



Recommendations

- Adaptation to climate change
- Increase the support for start-ups
- Get a better understanding of the available biomass in Normandy
- Facilitate the structuring of emerging aquaculture sectors
- Promote the sharing of good practices between stakeholders



Thanks for the attention!

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