#bioeconomystrategies

CIRCULAR REGIONS





6 Regions, 1 Goal:
Advancing Europe's Bioeconomy Together

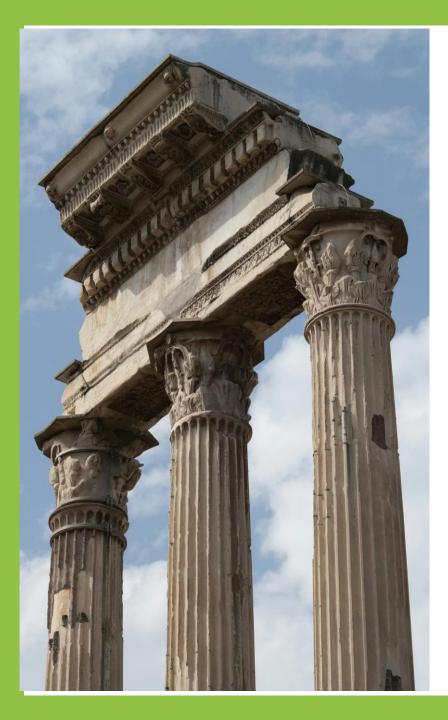
Delta Region, the Netherlands

Heyd Más

The Delta Region, Southwest, Netherlands







The Blueprint: Towards a Bio-based Economy in the Delta Region



Cross-border collaboration

- **Strengthen** funding applications, share knowledge, and close value chains
- Transition brokers & coordination ensure efforts build on what is there

Facilitate innovation and scale-up

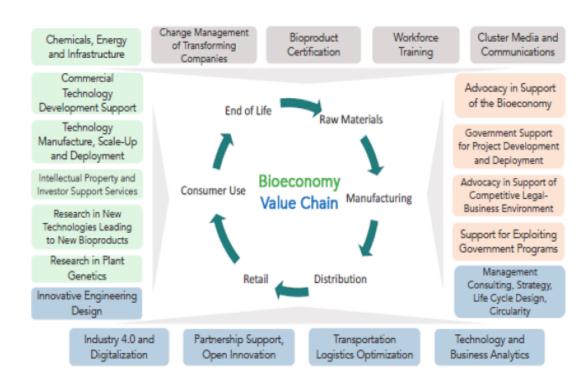
- Enhancing skills, improving data accuracy, and increasing market awareness are critical

Enhance market demand

- The bio-based industry is developing **new products for a new market: collaborate** with partners in the **existing ecosystem**
- Market uncertainty hinders large-scale investments: stronger green procurement and committed buyers (B2B) help

Insight: Circular Hubs





- Supports innovation to improve competitiveness on a global basis
- Facilitates access to funding throughout research, development and deployment
- Communications to promote the growth of firms and attract entry of new ones
- Intensity of cluster is increased and refined over time and gives rise to further growth
- Innovation clusters play an increased role in the definition and implementation of future innovation policies



Best practice: The Circular Bio-Based Delta (CBBD)



ecosystem of the Biobased Delta

THE CAN DO NOT THE CONTROL OF



Agro

a.o. Cosun/SuikerUnie Lamb Weston McCain Cargill Yara

Enablers of the biobased ecosystem

Knowledge institutions

a.o. TNO, VITO, shared research cente

Facilities

a.o. Bioprocess Pilot Facility, Bio Base Europe Pilot Plant Green Chemistry Campus and application centres

The value chain of biobased products

Educational institutions

a.o.
Universities of Delft,
Wageningen and Ghent,
three Universities of Applied
Sciences, Centre of Expertise
Biobased Economy

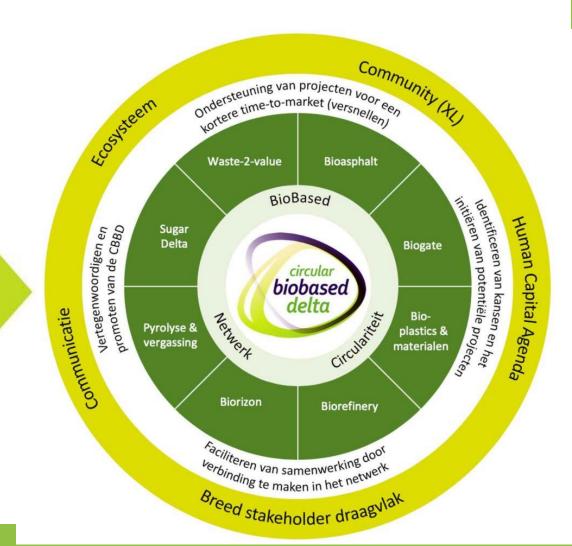
Committed governments

a.o. National and provincial governments, NFIA, REWIN Impuls Zeeland, BOM, InnovationQuarter

Chemicals

SABIC
Corbion
AkzoNobel
DOW
Arkema
ICL IP
Zeeland Refinery
BASF
DSM
Eastman

A large pool of SMEs connects both worlds



Challenges faced: the Delta Region



- Scaling: Moving technologies from pilot to commercial scale
- Performance: Ensuring technologies are effective and reliable at scale
- Adoption: Encouraging uptake of both technologies and collaborative initiatives
- Value Chains: Building cross-sectoral, circular value chains
- Market Insight: Understanding and activating true market demand

- Financing: Securing funding with solid, scalable business models
- Smart Subsidies: Supporting high-value applications (e.g. materials vs. energy)
- Policy Gaps: Creating supportive, coherent policies for feedstock transition
- Public Support: Communicating clearly to earn societal trust and buy-in



Future Applications & Recommendations

- ❖Take a holistic view & look beyond borders; consider border countries for collaboration
- Engage and inform stakeholders at all levels to drive meaningful change
- Strengthen your ecosystem by working with a transition broker to facilitate progress



Photo by Varden Papikyan on unsplash



Thank you! Contact us if you would like to be involved.

#bioeconomystrategies

CIRCULAR REGIONS



6 Regions, 1 Goal:

Advancing Europe's Bioeconomy Together



Heyd Más

Strategic Business and Private Sector Development Advisor

info@hollandcircularhotspot.nl hollandcircularhotspot.nl