

# Drenthe-Groningen



Policy  
measures

Invest-  
ments

Model Demonstrator Region



# Drenthe–Groningen as a MDR–region

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# The North of The Netherlands and Groningen-Drenthe



 CHEMPORT  
EUROPE

# Some key figures

- ▶ 125.000 companies
  - ▶ 450.000 employees
  - ▶ Production value € 65 bln.
  - ▶ SME'S!
- 

- ▶ 30% of Dutch agricultural land (potatos, sugarbeets, grass)
- ▶ Major agro industry players (Campina, Cosun, Avebe)
- ▶ 2 major chemical clusters

# Green chemistry: production ánd R&D/knowledge

Delfzijl  
& RUG

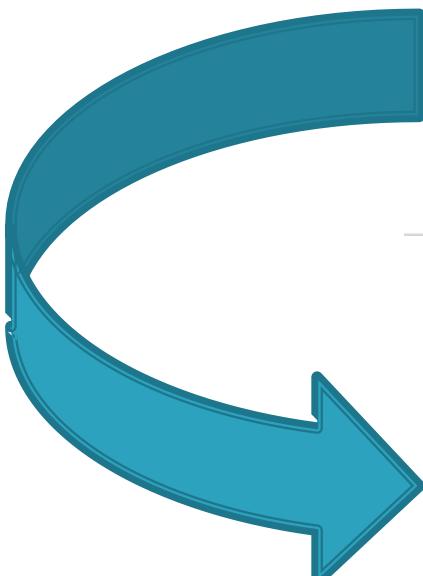


Cluster 1: carbohydrates  
Cluster 5: new chemistry

Emmen &  
Stenden/GreenPAC



Cluster 6: biopolymers  
Cluster 7: biobased composites and  
industrial fibers



- ▲ 2.2 Policy measures to improve the performance on the 8 key factors

- 2.2.1 Better use of existing funding and finance schemes
- 2.2.2 Strategic use of public procurement
- 2.2.3 Sustainable Chemicals or Cleantech Fund
- 2.2.4 Governance for value chain creation and mobilization of companies
- 2.2.5 Pro-active and targeted branding and promotion of (foreign) direct investment
- 2.2.6 A stable political framework and level playing field for biobased chemicals/materials versus energy
- 2.2.7 Out-reach to the chemical industry
- 2.2.8 Prioritization of policy measures

**Case 1:**  **CHEMPORTEUROPE** !

# **Case 1 Chempart Europe: An optimal Value proposition!**



## **Focus:**

A value proposition strictly for the purpose of acquisition

## **Goals:**

- Attraction of external (foreign) companies
- Attraction of investments in R&D or production of already present companies

## **Participants:**

Industrial park owners, industry itself, knowledge institutes, and local and regional governments,

# Chempert Europe: An Optimal Value proposition!



## Triple Helix | We share the same ambition

Businesses, knowledge institutes and government have joined forces to make our chemical industry future-proof.



- [www.chemport.eu](http://www.chemport.eu)

# Changing the nature **of chemistry**

<https://www.youtube.com/watch?v=4-gZ9qxkjKw>

# Case 2: Investments

## Fieldlab and pilot Plant!

- Fieldlab Polymers → Emmtec (Emmen)
  - SPIC (Sustainable Polymer Innovation Cluster)
  - Practice area, applications of green polymers
  - Senbis, Cumapol and Morssinkhof
- Pilotplant on Hydrogen → Delfzijl
  - Water electrolysis plant 20 MW → goal 100 MW
  - Annual Production of 3 kilotons of green hydrogen
  - AkzoNobel and Gasunie



# Thank you for your attention

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