

Drivers

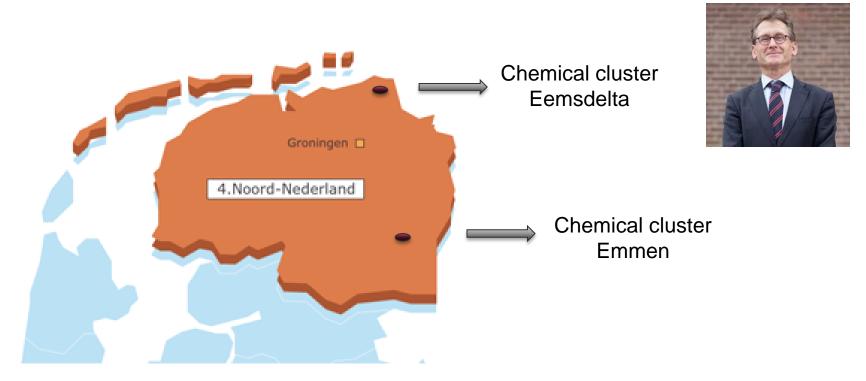
- Environmental aspects
- Demographic trends
- Growth world population
- Increasing prosperity (middle class)
- Economic opportunities!



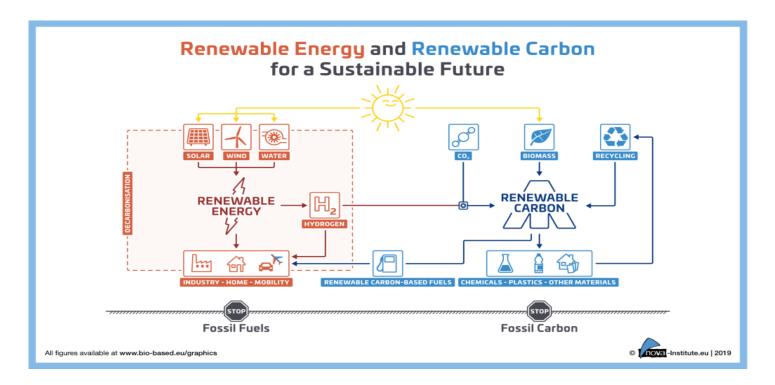


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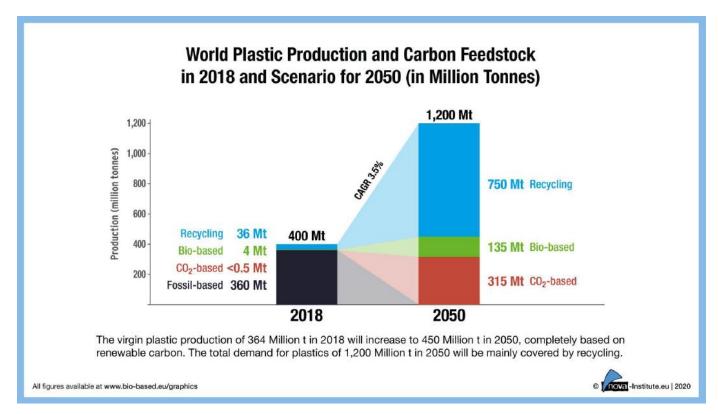
"Agro/Energy meets Chemistry"



The ambition.....



Future scenario

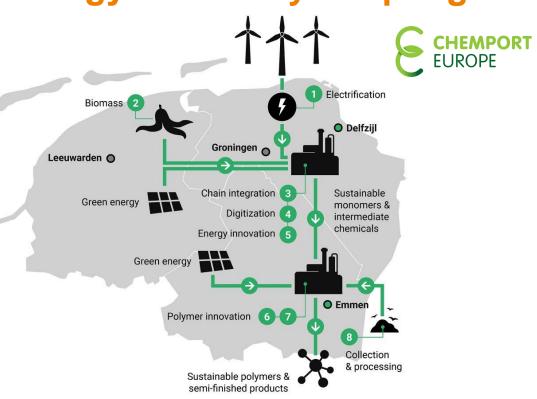


Requirements "agro/energy-chemistry coupling"

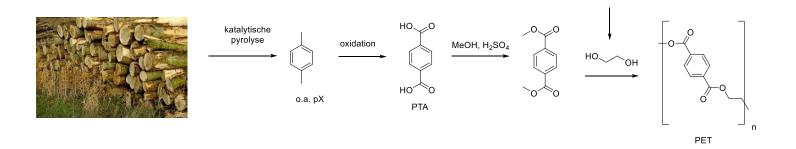
- Renewable energy
- Hydrogen
- Biomass (agriculture) (CO₂)
- Agricultural processing
- Biorefinery
- Expertise in chemistry
- Chemical clusters/companies
- Human Capital
- Subsidies, investment funding

and

Collaboration between all partners!



Downstream towards BioPET100









Bioethanol

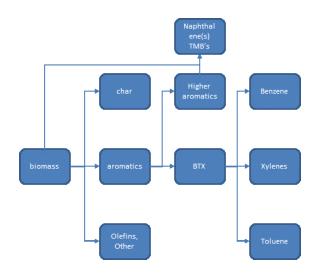




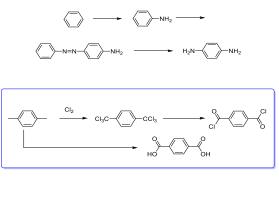




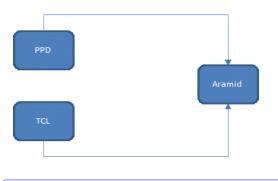
.....and bioaramids (Twaron)

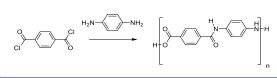






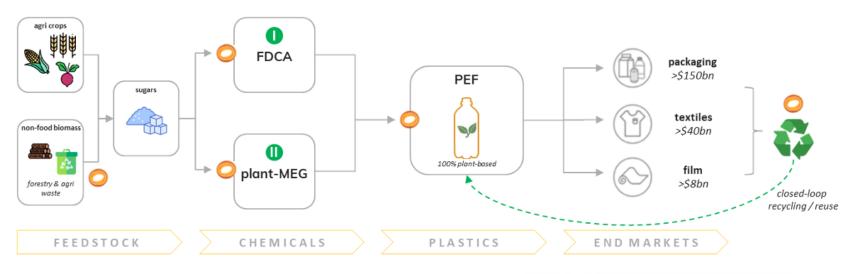








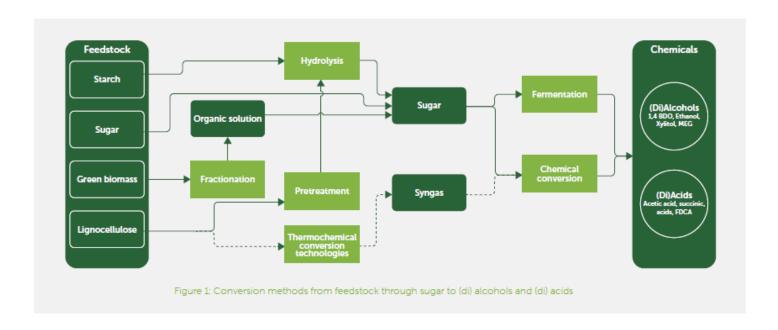
Biobased PEF







The Chemport saccharide agenda



Webinar Chemport saccharide agenda: January 28th, 9.30 - 11.00

Conclusions

- "Greenification" of the chemical industry is essential to reach the climate goals set.
- The Northern Netherlands (Groningen) is perfectly equipped to be a frontrunner in the biobased/circular transition.
- Excellent Public-Private-Partnerships increase the chances of succes!