

Welcome in the Schelde-Deltaregion

Introduction to Smart Delta Resources

Dorothy Winters
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—Together for a
future proof industry





smart delta resources



Crossborder samenwerking
Tussen Nederland en België



Innovatief cluster
Chemie - Staal - Energie - Food



North Sea Port
Nr. 3 haven van Europa



Werkgelegenheid
100.000 banen



Duurzame Energie Hub
Grootschalige aanlanding Wind op Zee
en CO₂-vrije baseload



Waterstof
Grootste waterstofregio van de Benelux



CO₂-reductie impact
Vermindering van 22 Mton

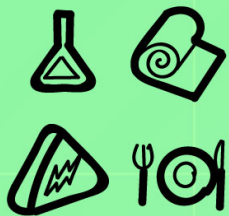
SDR NL wordt gefaciliteerd door:



SDR Flanders wordt gefaciliteerd door:



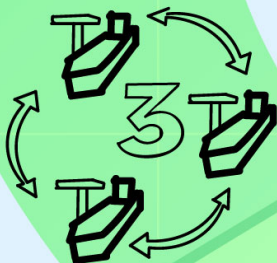
Innovatief cluster



Crossborder samenwerking



North Sea Port



smart delta
resources

Werkgelegenheid



100.000



ovides
industriewater

gasunie

PZEM

Vlissingen

Vopak

ZEELAND REFINERY

Ørsted

VOLTH₂

Borssele

LambWeston

Air Liquide

Dow

TRINSEO

Terneuzen

YARA

Cargill

ArcelorMittal

PRODUCTS

ENGIE

Gent

fluxys

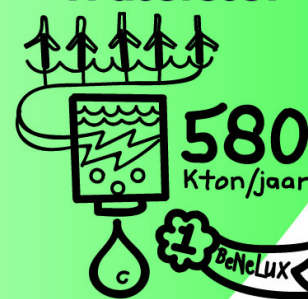
UNIVERSITEIT
GENT

CO₂-reductie impact



22 MTon CO₂

Waterstof



Ecosysteem



SDR NL wordt gefaciliteerd door:

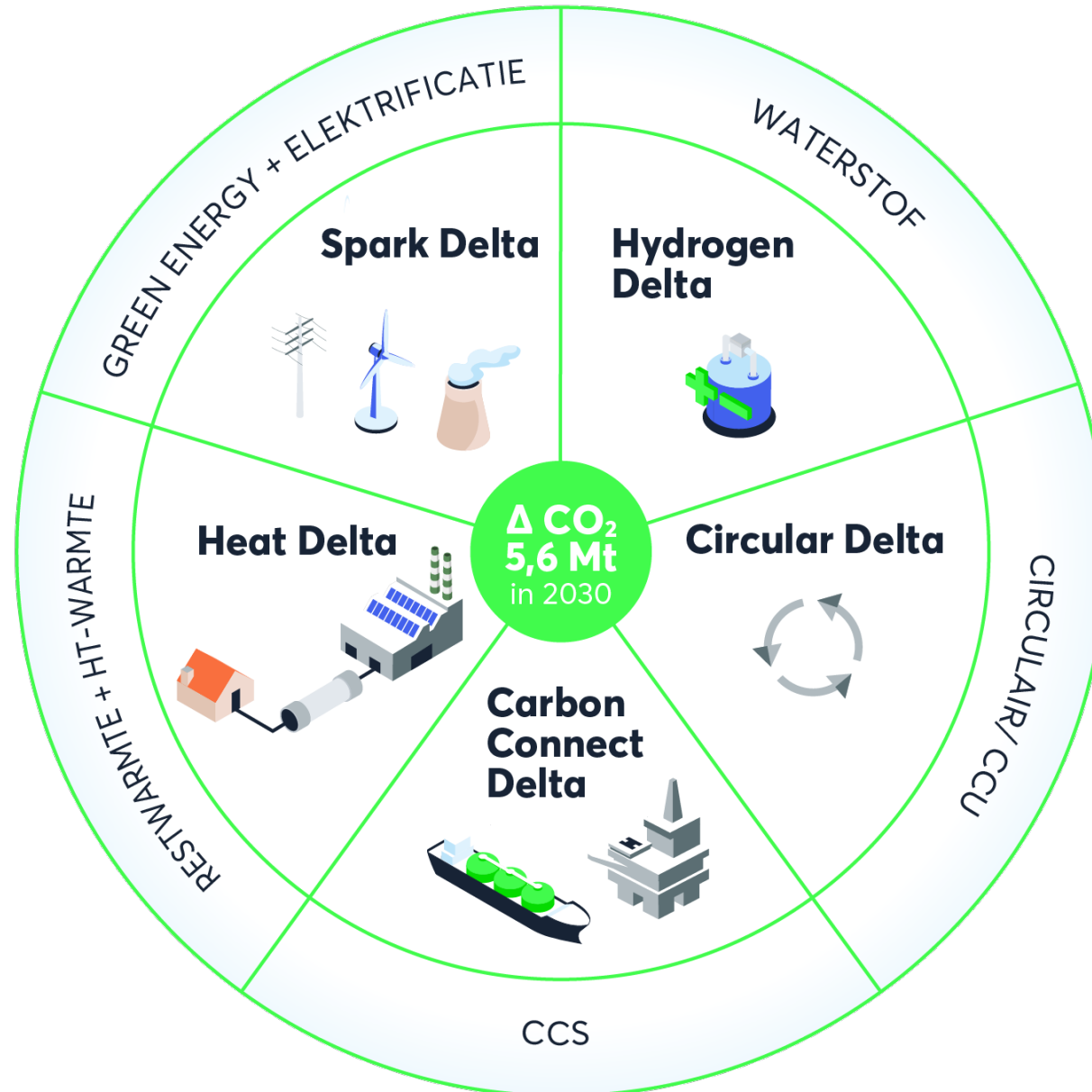
Provincie
Zeeland

Impuls
Zeeland



Roadmap CO2 reduction Netherlands

- 5 Programmes
- Impact: Reduction of > 5 Mton CO2 in 2030
- Goal for Circular Delta: 50% reduction of primary fossile material



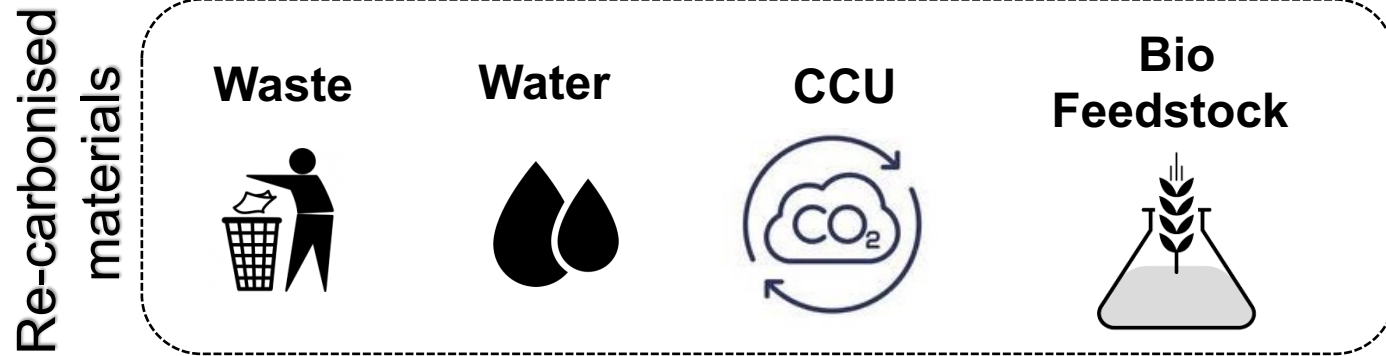
Proximity and excellent conditions



- Off takers in various industries
- Physical space
- Environmental space
- Logistics
- Infrastructure
- Tight knit support network
Economic Development Company
Impuls Zeeland, Province, North Sea Port
and Smart Delta Resources
to support acceleration



Circular Delta re-carbonised materials



Waste

Waste can be converted back to sources of either oil, gas or building blocks.

Water

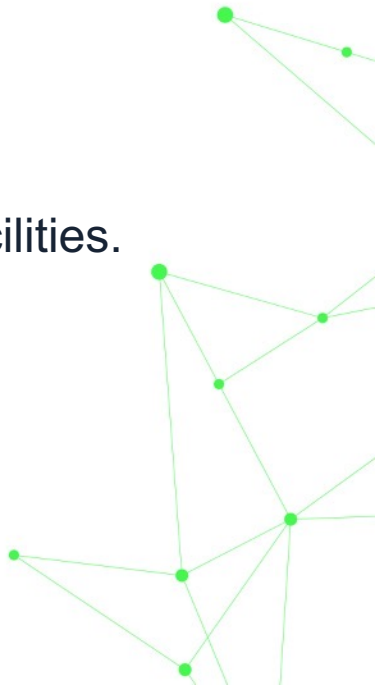
Industrial and process water for processes and raw material, focus on reuse and shared facilities.

Carbon Capture Utilisation

CO and CO_2 with sustainable energy can be converted in to building blocks.

BioBased Feedstock

Renewable biological sources for building blocks.



Examples

Leaders



Seek **Together**™

Water knowledge



Biobased experts



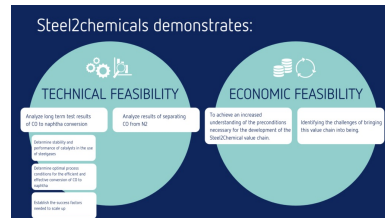
Scalable green hydrogen



SeaH2Land & sustainable electricity



Innovation projects – cluster involvement



CO > building block



CO > bio-ethanol



Sugar + fungi > protein



*Alta Carbon
Clean CO₂*

Chemical Recycling



PMMA Chemical Recycling

Scissors – Super Critical
Industrial Solution for
Suspended Organic Residual
Streams



Institute for
Sustainable
Process Technology

NESTE



*Industrial facility for chemical
recycling in North Sea Port*



—Together for a
future proof industry

When? #Starting today

Call

If you are interested in a contribution to the re-carbonisation goals in cooperation with our industry partners

- Contact me here
- Connect on LinkedIn



**You have to be seen
to be believed**

Queen Elizabeth II

