



Reducing
Plastic
Pollution

Recycling
Plastic
Waste

Collecting
Plastic
Soup

Converting
Plastic
Waste



GRONINGEN SEAPORTS

FACTS & FIGURES Delfzijl

- Available: 418 hectares
- Quay length: 850 metres
- Draught of seaport: 9 metres
- Depth of inner basins: 5 metres
- 15% of total Dutch chemical production

FACTS & FIGURES Northern Netherlands

- Plastic / municipality waste feedstock streams
- Close cooperation with knowledge institutions
 - Synergy/facility sharing possibilities
- Heaviest category of industry (5.3) permitted
 - EU Hydrogen Valley

FACTS & FIGURES Eemshaven

- Available: 302 hectares
- Quay length: 5,120 metres
- Draught of seaport: 14 metres
- 1/3 of total Dutch energy production

Reducing Plastic Pollution

We have an ecosystem that creates the perfect launching path for the recycling of plastics, with existing companies in our port and the space to develop a wider value chain. Ofcourse it starts with reducing plastics at the forefront. Through strong partnerships with knowledge institutes, local entrepreneurs and foundations we have set up programs to create awareness amongst citizens, students and children to use less plastic. Varying from organizing world clean up day, to education programmes and company visits.



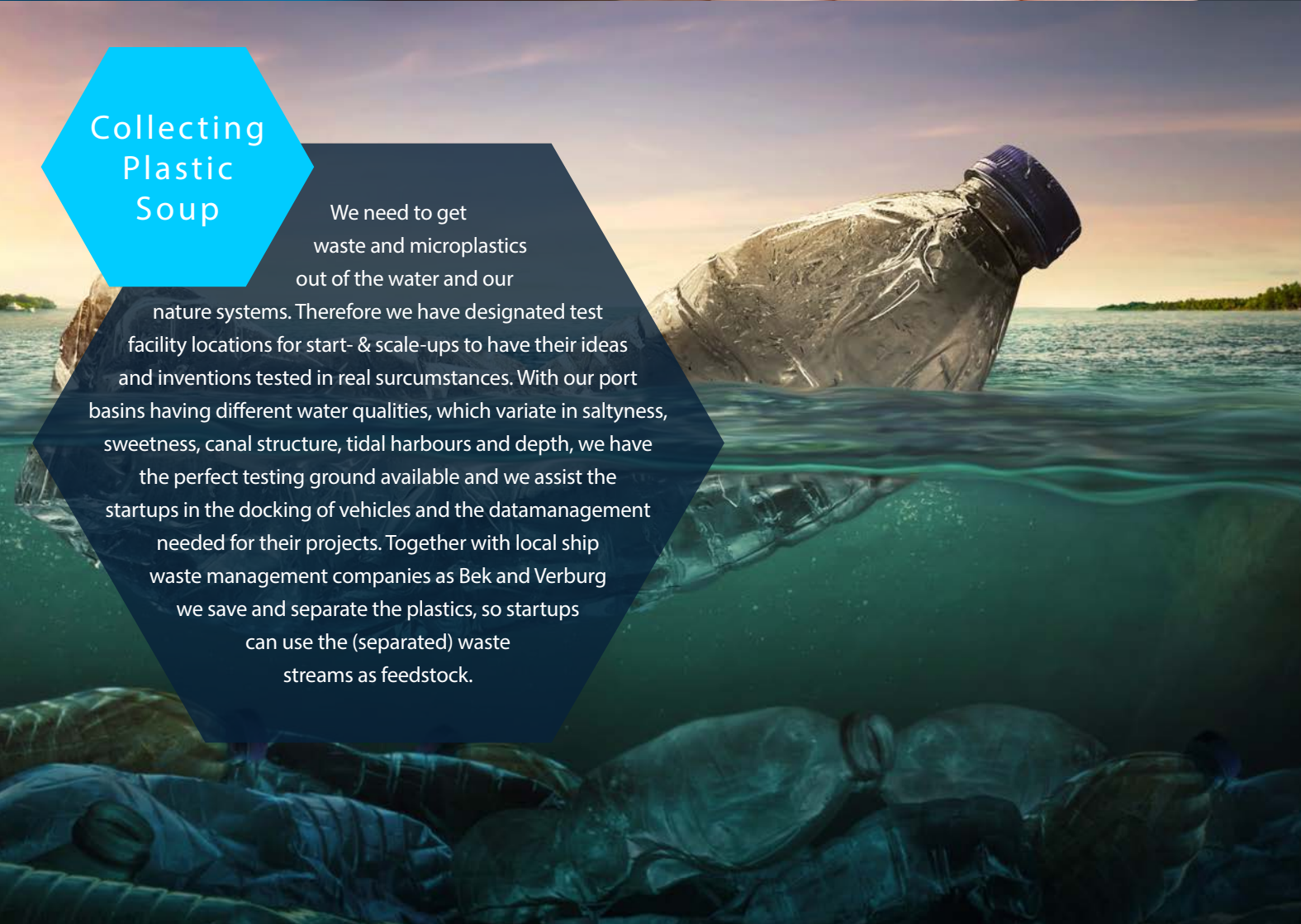
Converting Plastic Waste

The best value chain offers close-by demand. With our local chemical companies we have an economically viable system that creates smart opportunities for start- & scale-ups that use waste streams and turn it into feedstock. The feedstock can be further processed in the chemical park of Delfzijl. Different production technologies can be used, by examples: pyrolysis, hydrolysis or torrefaction. We keep attracting waste stream as a feedstock, so we're always looking for new startups to join our eco-system.



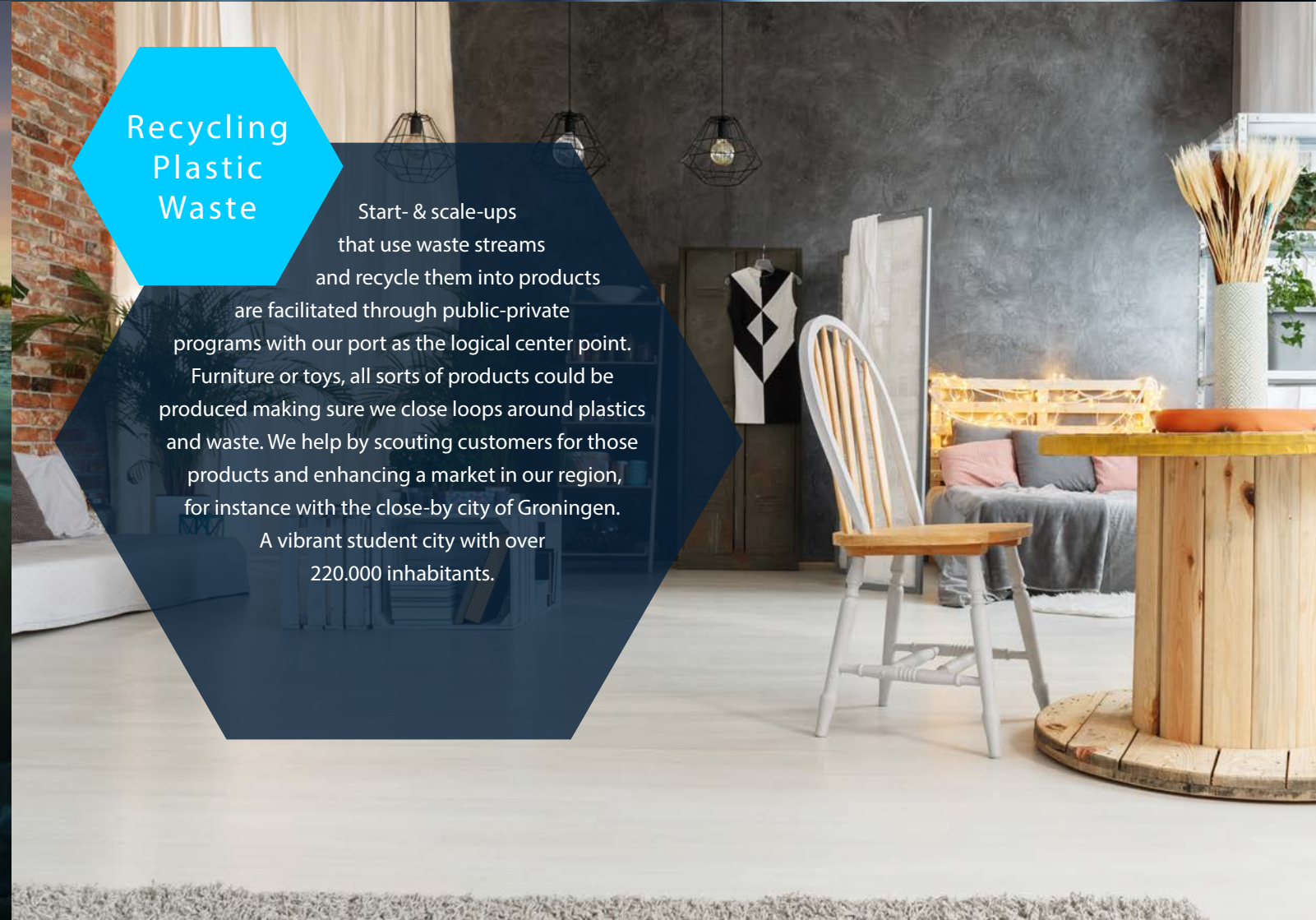
Collecting Plastic Soup

We need to get waste and microplastics out of the water and our nature systems. Therefore we have designated test facility locations for start- & scale-ups to have their ideas and inventions tested in real surcumstances. With our port basins having different water qualities, which variate in saltyness, sweetness, canal structure, tidal harbours and depth, we have the perfect testing ground available and we assist the startups in the docking of vehicles and the datamanagement needed for their projects. Together with local ship waste management companies as Bek and Verburg we save and separate the plastics, so startups can use the (separated) waste streams as feedstock.



Recycling Plastic Waste

Start- & scale-ups that use waste streams and recycle them into products are facilitated through public-private programs with our port as the logical center point. Furniture or toys, all sorts of products could be produced making sure we close loops around plastics and waste. We help by scouting customers for those products and enhancing a market in our region, for instance with the close-by city of Groningen. A vibrant student city with over 220.000 inhabitants.



PARTNERS

- The Planet Calls • Chemport Europe
- Community Plastic Free Waddensea
- MOI Offshore Entrepreneurs • Van Hall Larenstein
- Province of Groningen • Municipality of Eemdelta
- Municipality of Het Hogeland • Municipality of Groningen
- Founded in Groningen • Snel Uitzendbureau • NOM
- Noorderpoort College • Alfa College • Campus Groningen
- University of Groningen • Hanzehogeschool
- EEW Energy from Waste • Avantium • Bek & Verburg
- Nature Group • SBE • JPB Group
- Economic Board Groningen • BioBTX
- Bollegraaf Recycling Solutions
- Subcoal International



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