

Building a sustainable and circular industry through partnerships

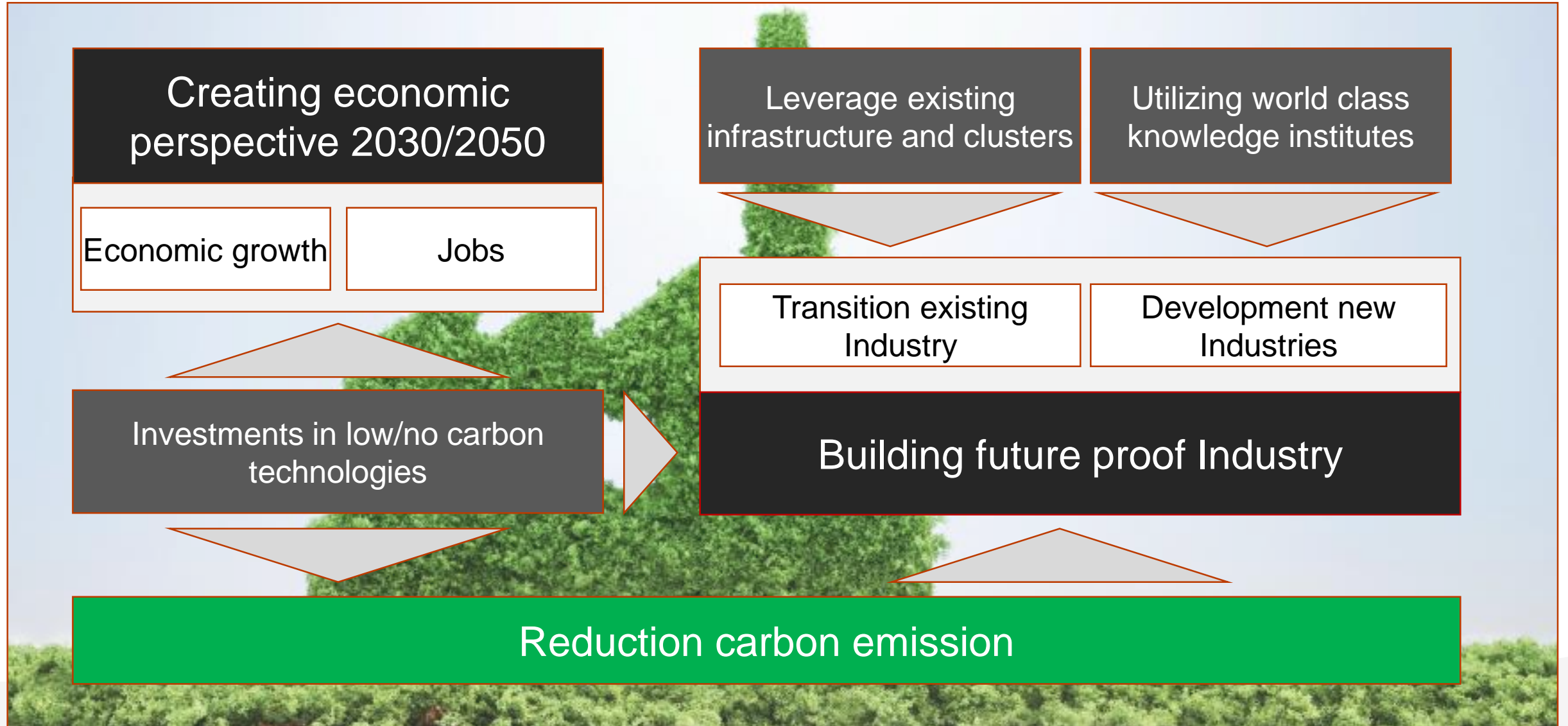
Innovation for Cool Earth Forum
6th Annual Meeting



Marcel Galjee
Tokyo, October 9th 2019

Nouryon

Building our economy 2050, CO2 reductions not as the ultimate goal but as an effect



Electrolysis is in the heart of our global business, the basis for green electrochemistry

Nouryon

Active in electrochemistry since 1899

Water electrolysis since 1940

50% share of renewable energy

Chlor-alkali



Installed capacity: 380 MW
H₂ production: 38 kta

Sodium chlorate



Installed capacity: 620 MW
H₂ production: 62 kta

Water electrolysis

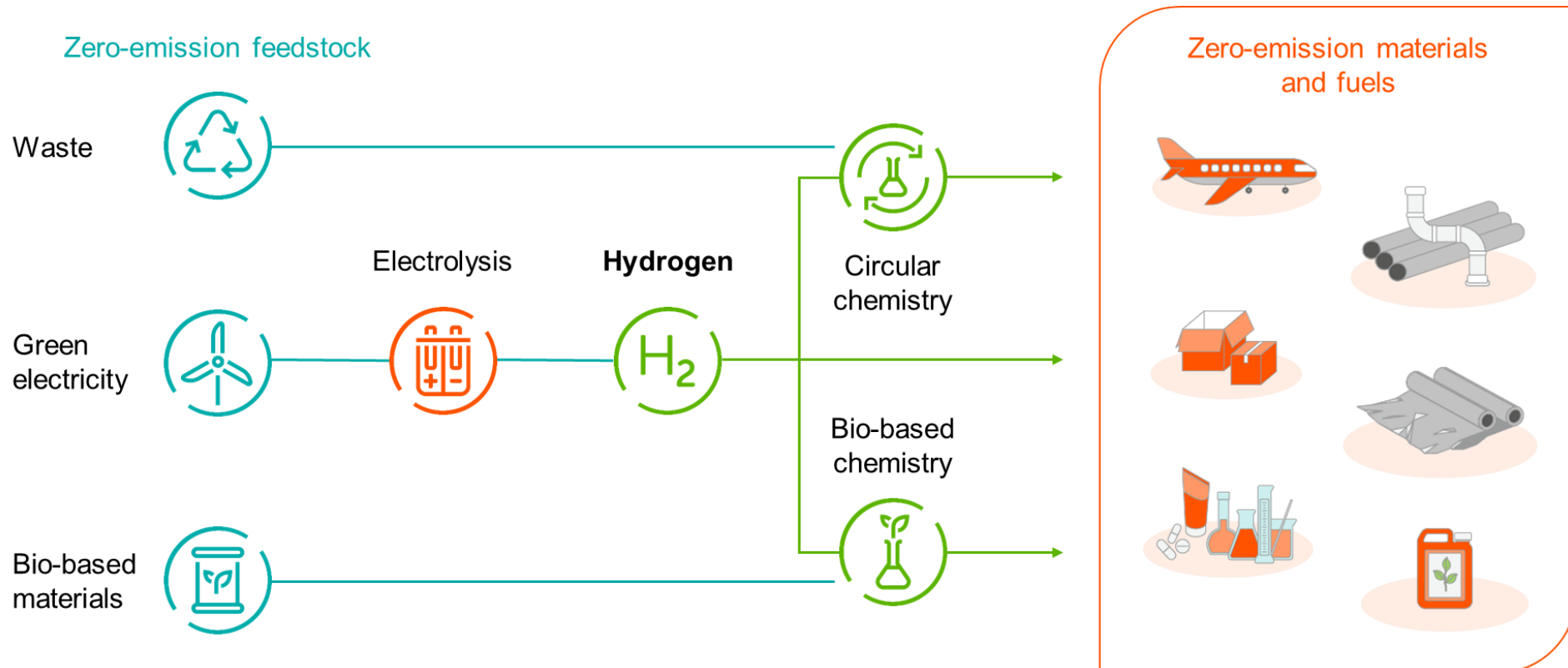


Installed capacity: 10 MW
H₂ production: 1.5 kta

Nouryon operates 1000 MW of electrolysis capacity

Together we can initiate, build and develop the sustainable solutions for our future economy

We are looking for and invite partners, along the value chains, to build location specific industrial scale solutions for zero emission materials and fuels.

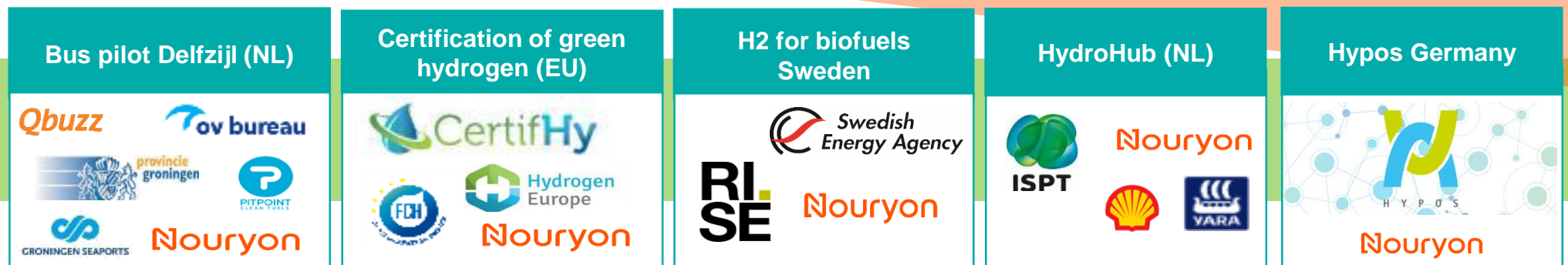


Through partnerships building the circular economy, a strong need for scale-up and innovation

Our development pipeline of green hydrogen projects



Research
& enablers

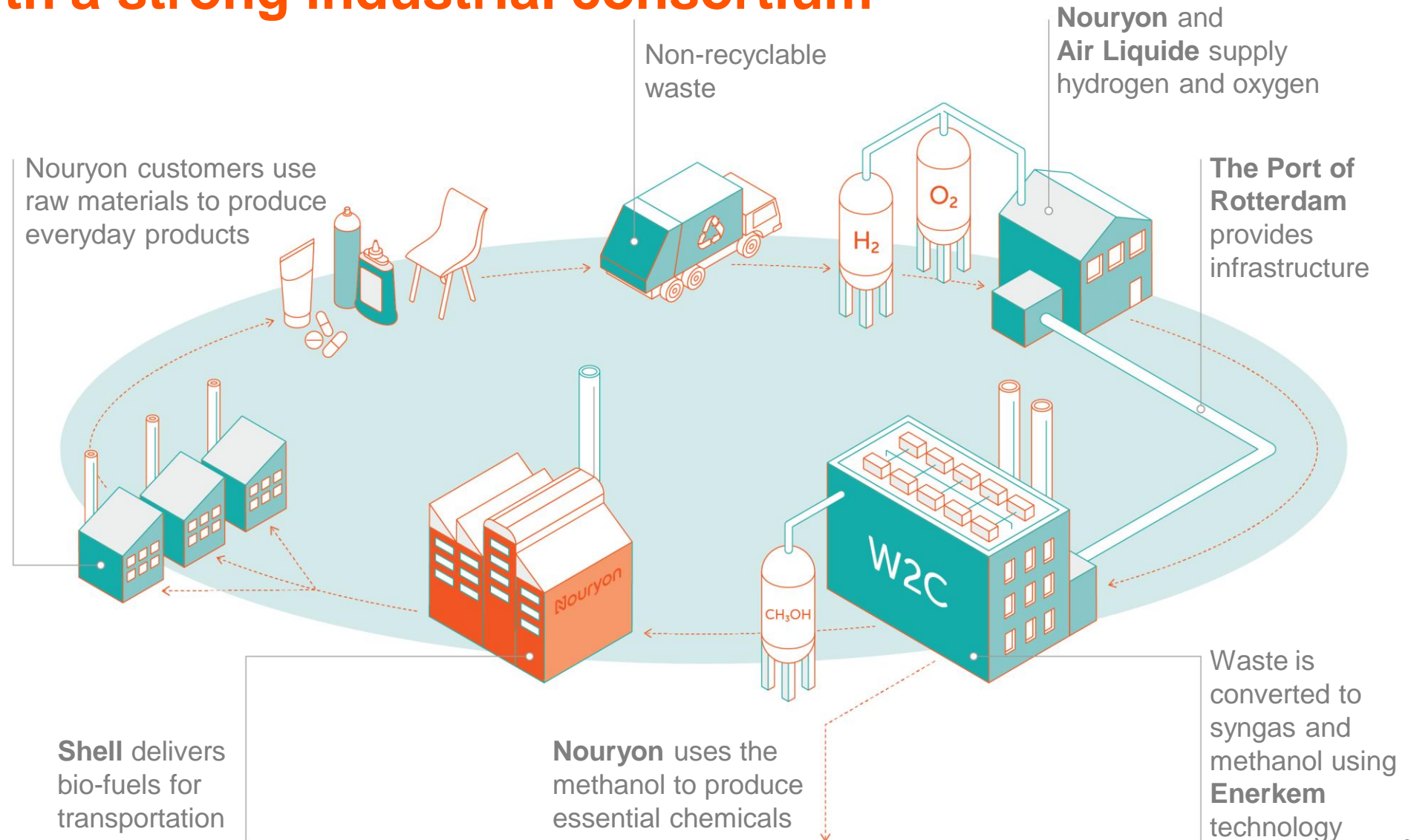


Waste to Chemicals Rotterdam: Building a circular value chain with a strong industrial consortium

Production in 2022:

- 220,000 tons of methanol from 309,000 tons of waste
- CO₂ reduction: 300,000 ton
- Est. Investment: > €240 million

Partners:



The full transition should benefit all, only through cooperation we can secure our future

Create jobs and economic development

- Build future-proof industry
- Development of renewable energy
- New infrastructure

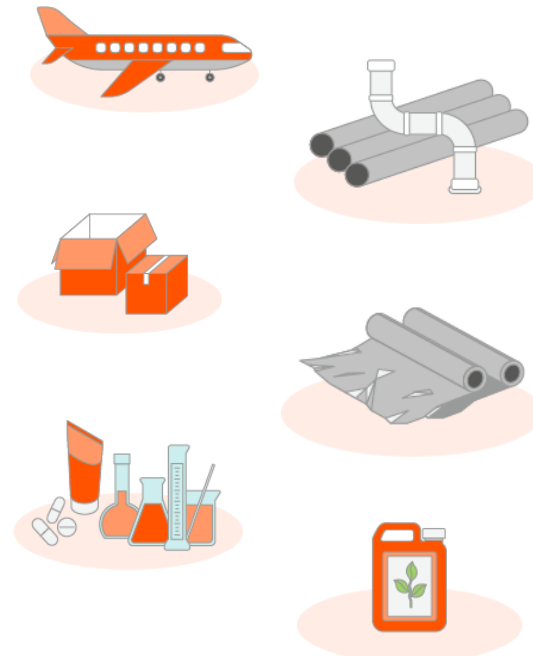


Build greener industries

- Low-carbon
- Circular
- Bio-based



Develop sustainable materials and fuels



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