



ICO2CHEM

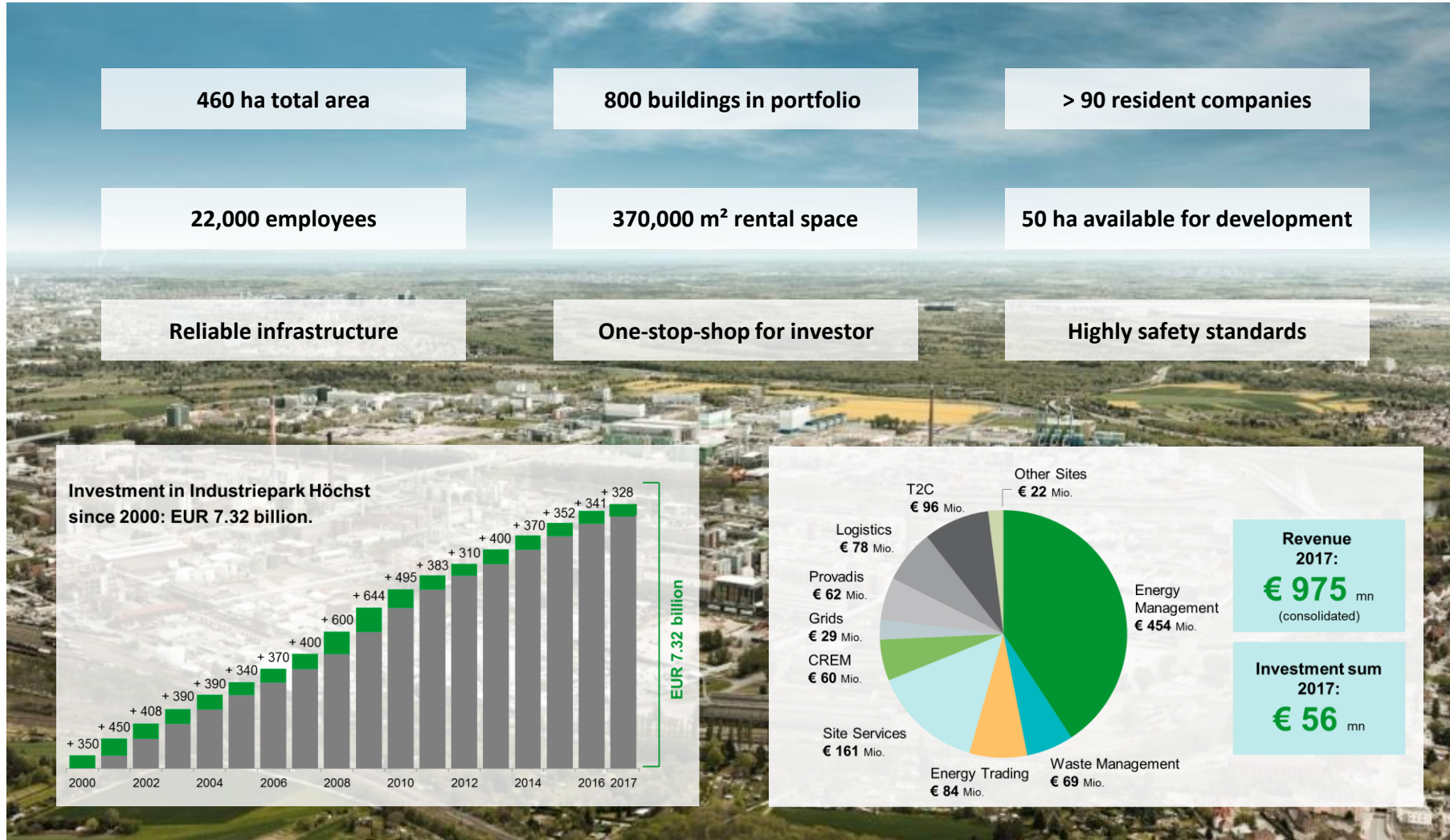
From industrial CO₂ streams to added value chemicals

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Infraserv Höchst operates the “Industriepark Höchst” – one of the most largest chemical and pharmaceutical sites in Europe



The champions
of tomorrow
set a sustainable
course today!

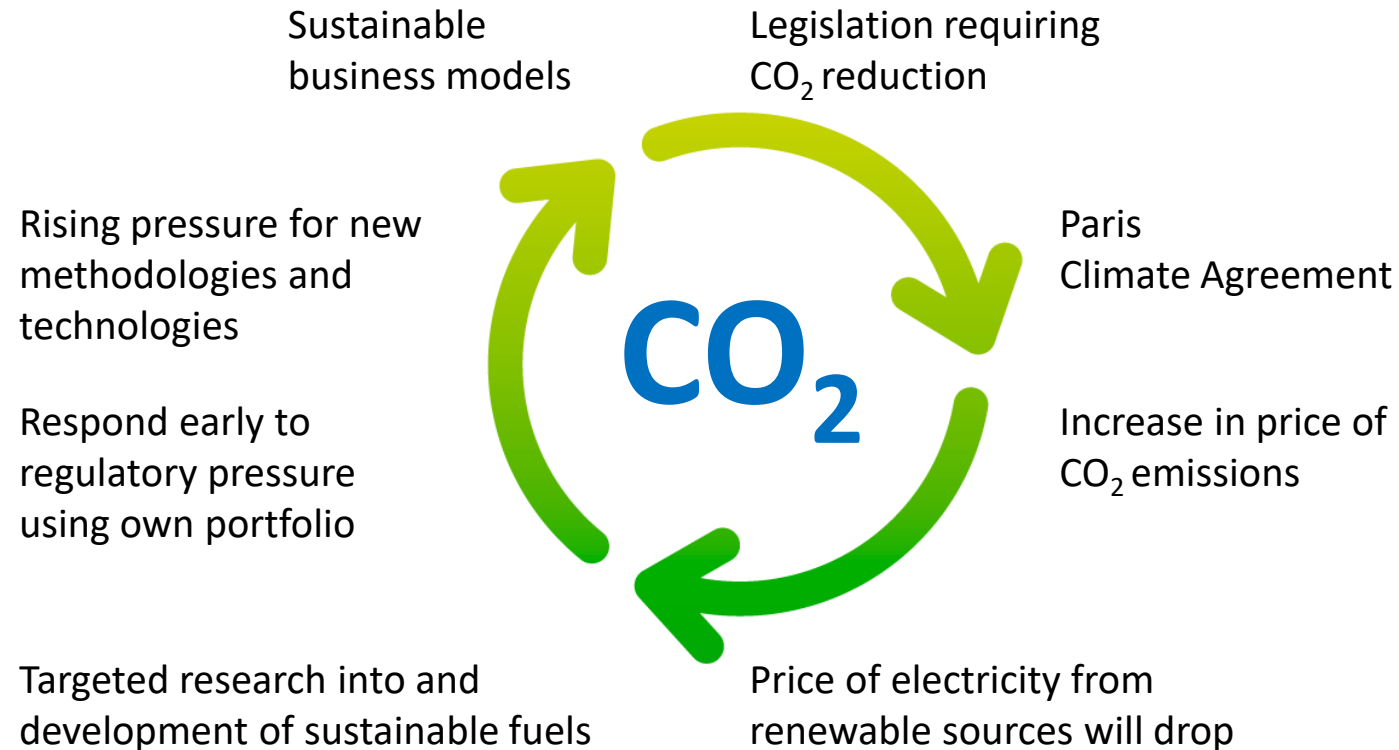


Customers, tenants and investors benefit of a **highly competitive position:**

- Green platform for sustainable and ecological chemistry – upstream and downstream
- Combining commercial success with sustainability
- Resource-conserving “Verbundstruktur”
- High quality and cost efficient services
- Good investment conditions for R&D and production plants – cases pay off
- Pilot plant for CO₂ conversion
- New level of customer orientation
- High acceptance in society

**THE GREEN PLATFORM IS REALITY EVEN TODAY –
DESPITE MANY UNCERTAINTIES WE PURSUE OUR WAY TO SUSTAINABILITY**

Why engaged in converting CO₂ into products ?



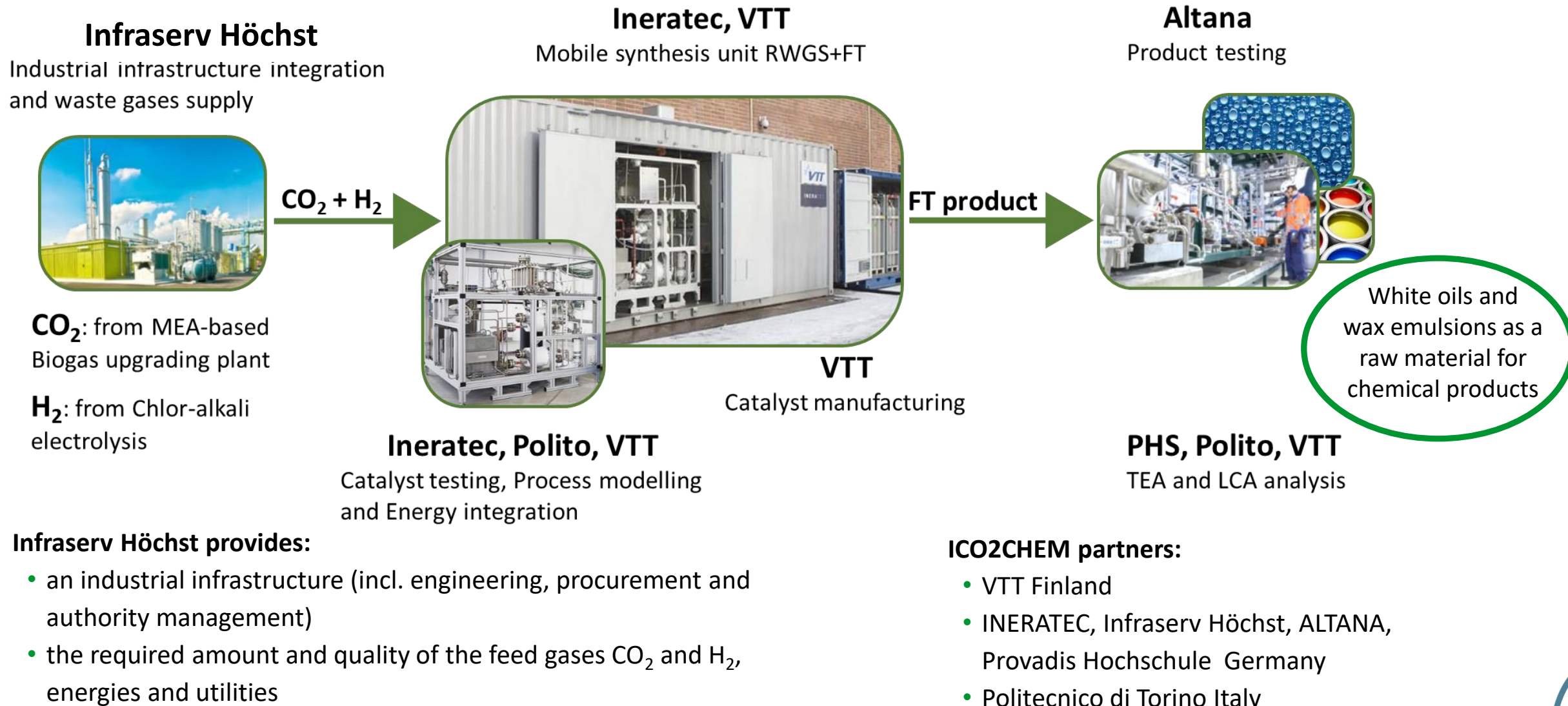
**MANAGING SUSTAINABLE DEVELOPMENT IS THE KEY TO LONG-TERM
COMPETITIVENESS CREATING VALUE FOR BOTH THE CLIENTS AND SOCIETY**

VTT Mobile Synthesis Unit

- MOBSU is a multipurpose synthesis unit for CO or CO₂ upgrading to energy carriers, fuels and chemicals
- Can be transported on-site where CO₂ emissions and energy are available
- Demonstration runs at Infracerv Höchst site in Frankfurt will start in spring 2019

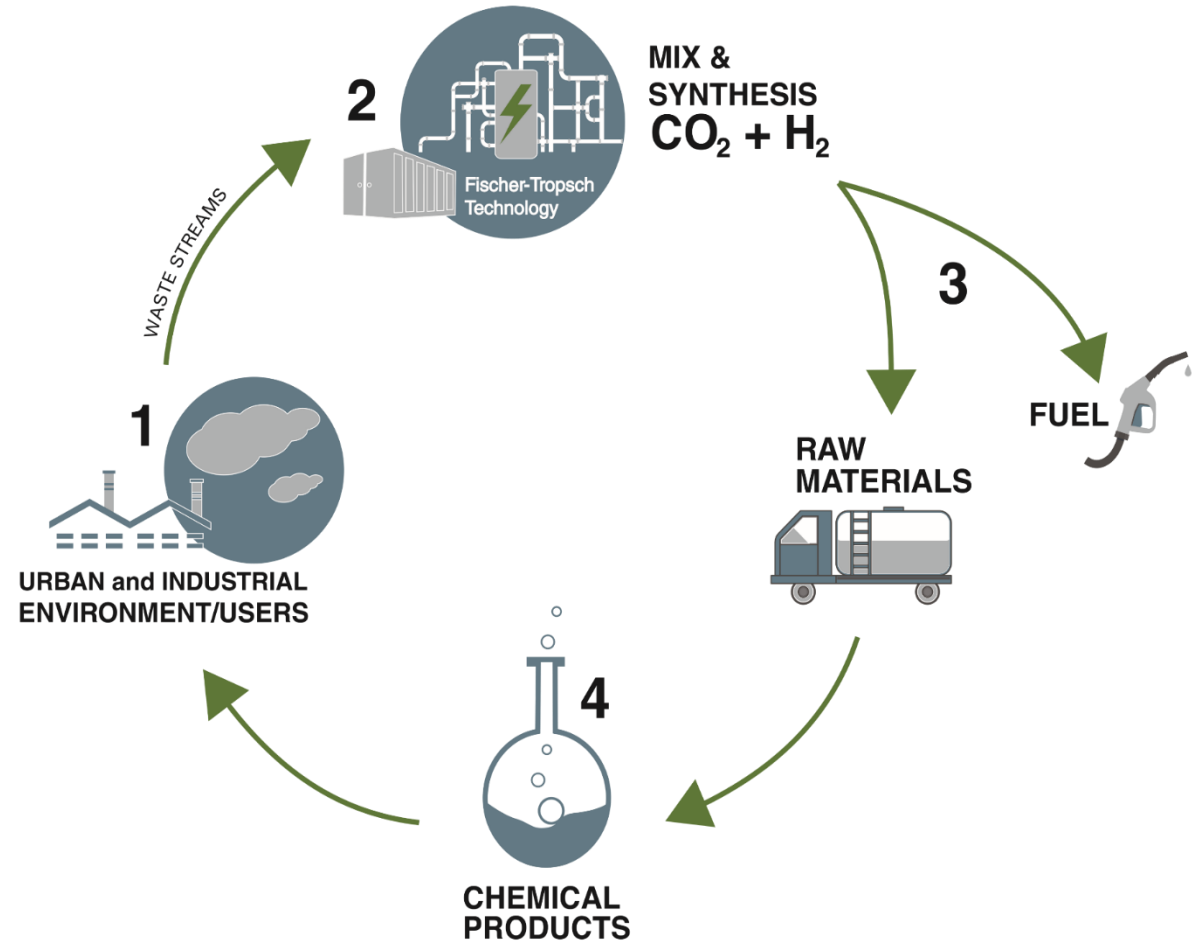


ICO2CHEM concept



CO₂ emissions into chemicals

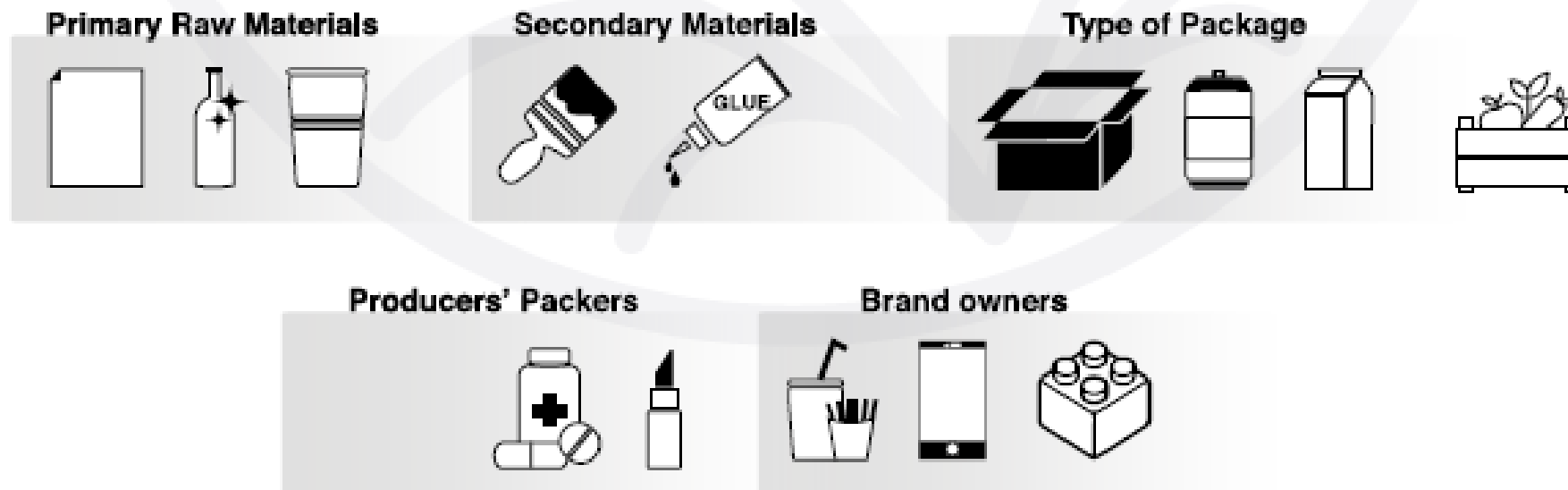
- Going towards the circular economy with carbon neutral emissions.
- ICO2CHEM demo plant transforms CO₂ emissions from industrial emitters into value added chemicals
- Specific target: so-called white oils and high molecular weight waxes
- Demonstration runs will start in spring 2020



Products for applications

- ICO2CHEM develops a renewable option for white oils and high molecular weight waxes that are nowadays fossil-based only.
- Products can be introduced in different chemical markets:
 - surface additives, wax additives, defoamers and air release additives, adhesion promoters and coupling agents, viscosity reducers

B E N E F I C I A R Y S E C T O R S



A large, faint, light-grey circular logo is positioned in the background on the left side of the slide. It contains a stylized green plant with a blue wavy line, similar to the ICO2 CHEM logo.

Thank you!



INERATEC

