



Foreign Trade Agency

Pierre Etienne - 22 June 2021

SÜDZUCKER

BIOETHANOL

CropEnergies



FRUITS

Agrana - Dira Frost - FFF Flavors

...



SUGAR

SZ - SLS - Agrana - RT - Candico

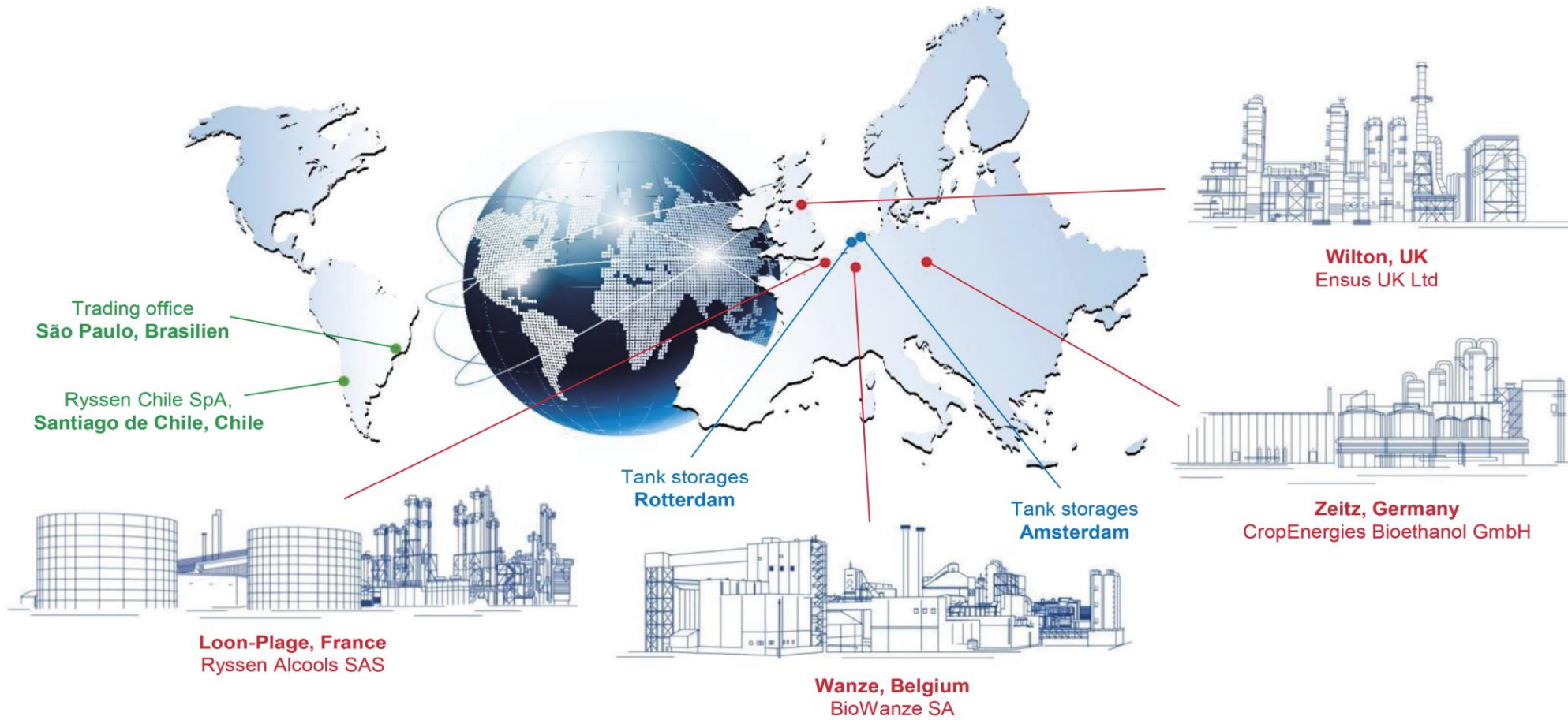


SPECIFIC PRODUCTS

Agrana - Hungrana - Beneo - Freilberger
Belgium Portion Pack - Hellma -



CROPENERGIES

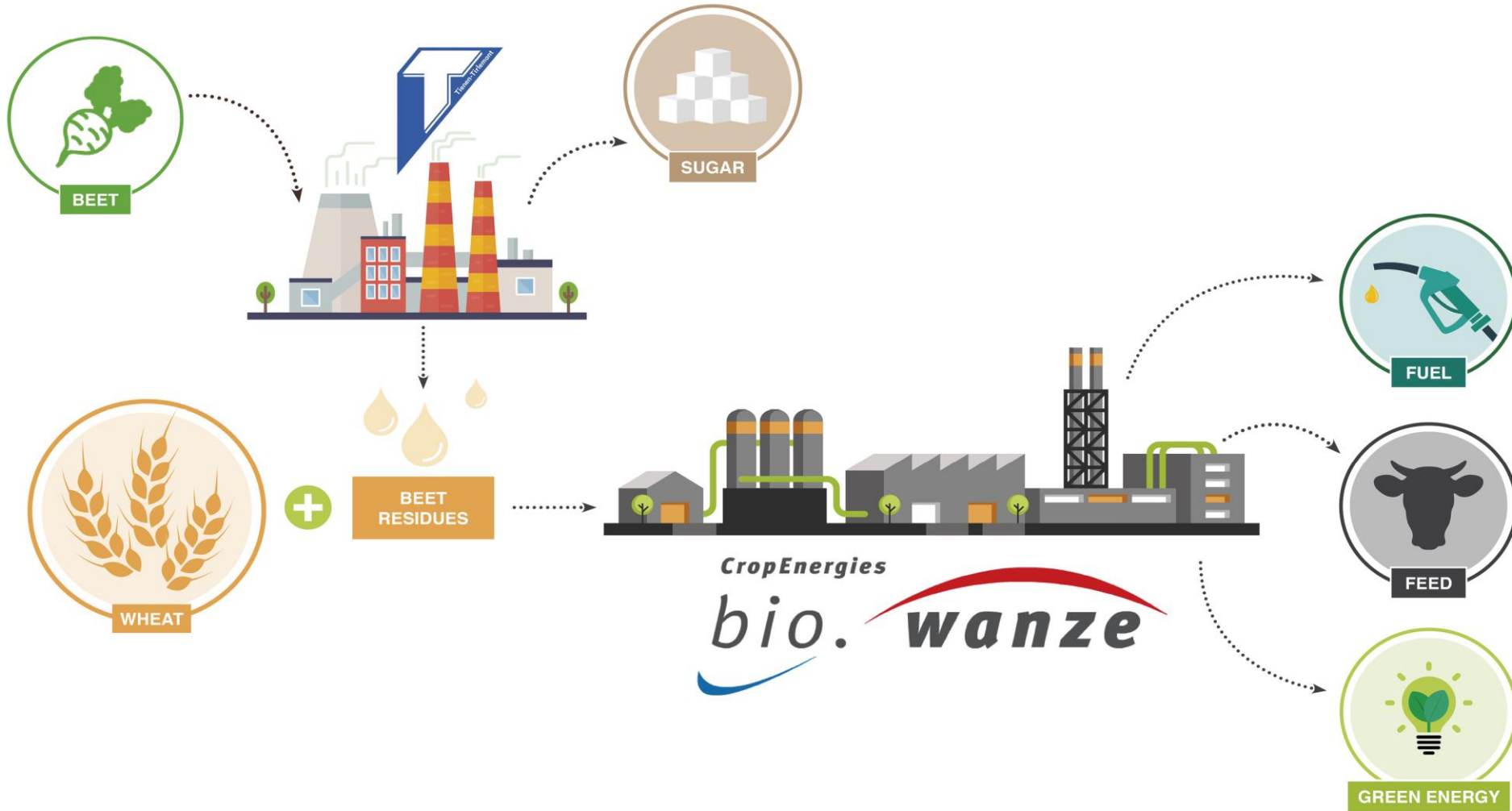


2009

2019

2029

BIOWANZE BIRTH OF THE ECOSYSTEM

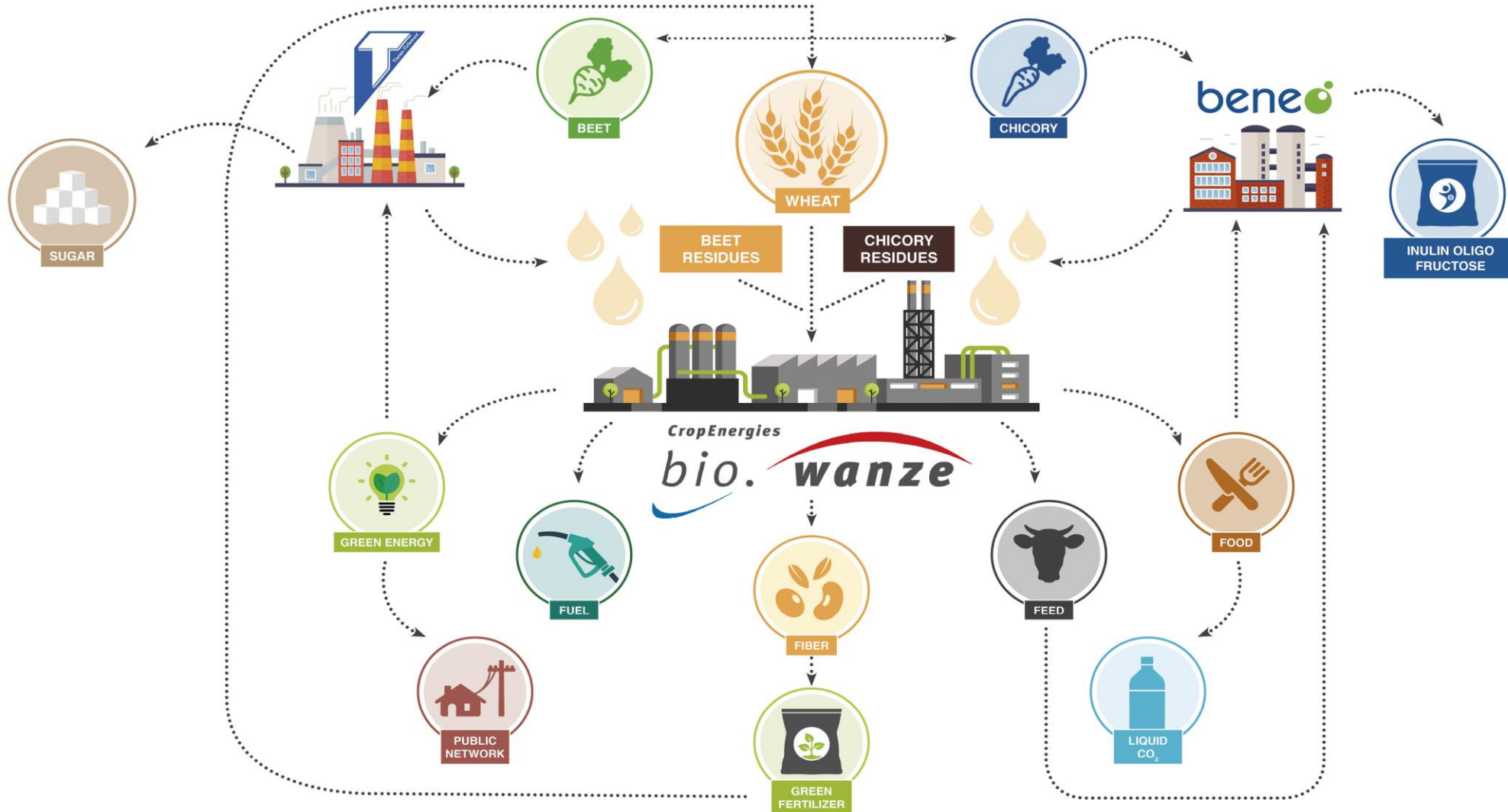


2009

2019

2029

BIOWANZE ECOSYSTEM GROWTH



OVERVIEW – KEY FIGURES

Belgium's largest bioethanol producer

Annual capacity

- 300,000 m³ of Bioethanol
- 60,000 tonnes of Gluten
- 420,000 tonnes of ProtiWanze®
- 20,000 tonnes of Fertilisers
- Textured Wheat Protein
- CO₂ liquid

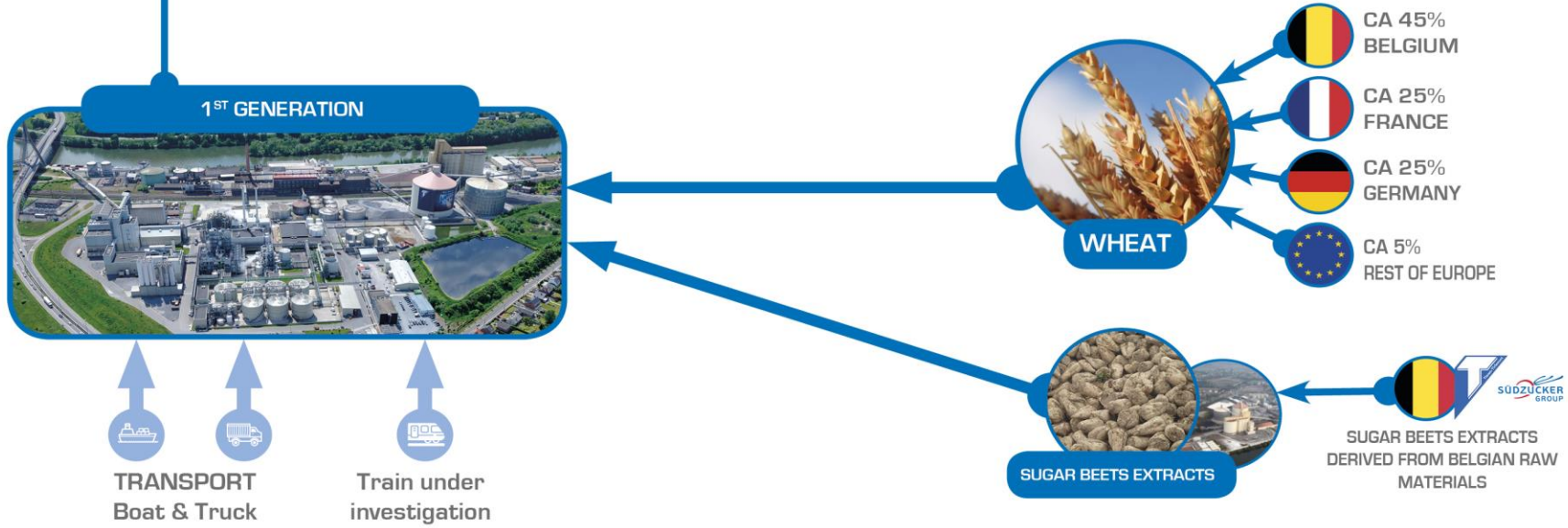
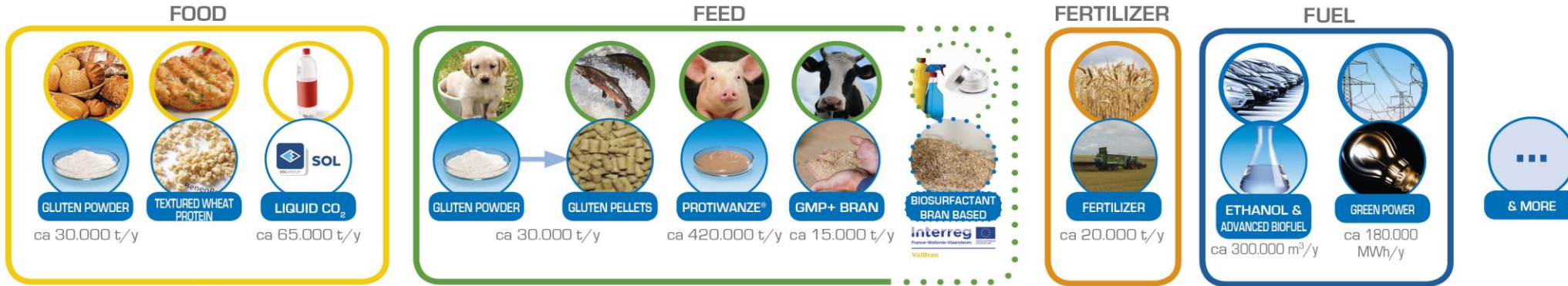
Raw materials: wheat and beets



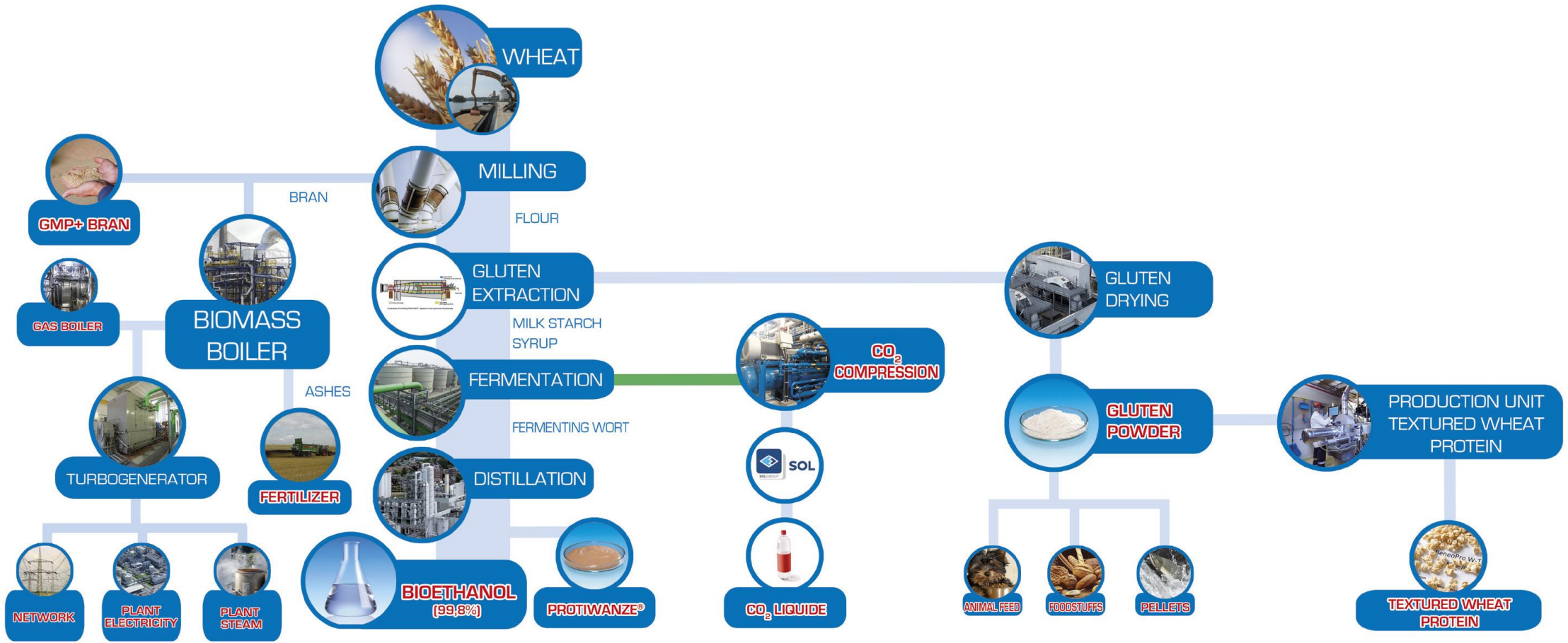
A strong local foundation

- 125 employees with permanent employment contracts
- 50 to 60 permanent outsourced employees
- Approx. 1000 indirect employments
- A new branch for Belgian agricultural sector
- Social axis with sponsoring, BeFace, RECMA, ...

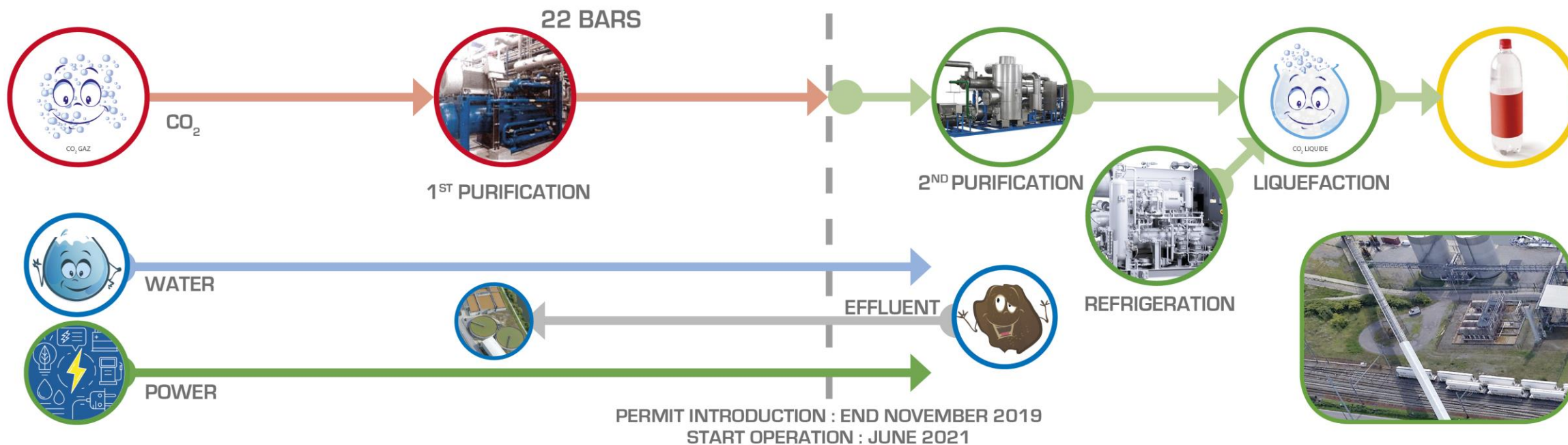
OVERVIEW PRODUCTS PORTFOLIO



PRODUCTION PROCESS



Green House Gas Reduction by CO₂ liquefaction



PERMIT INTRODUCTION : END NOVEMBER 2019
START OPERATION : JUNE 2021

CARBON NEUTRALITY AFTER 2023

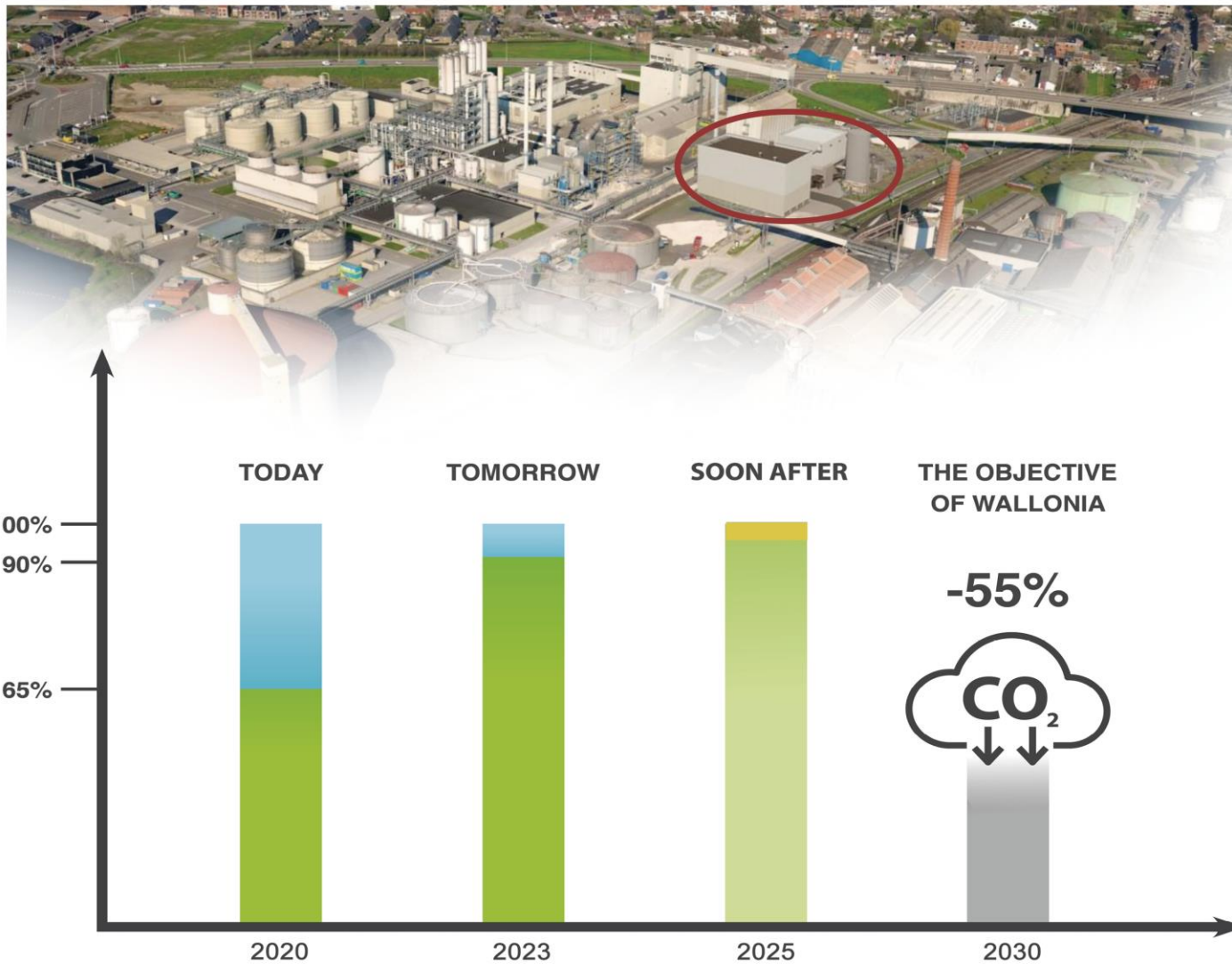


GREEN ENERGY

BIOMASS

NATURAL GAS

BIOGAS



AERIAN VIEW



1
Riverside - Wheat unloading - ProtIWanze and Bioethanol loading.



2
Wheat storage and Milling



3
Extraction - Drying - Storage and Pelletizing gluten



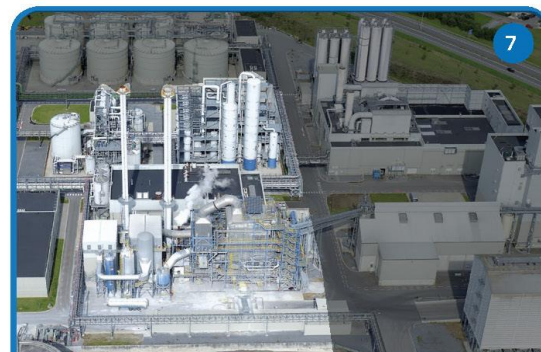
4
Liquefaction - Fermentation



5
Distillation - Dehydration - Evaporation



6
Bioethanol storage

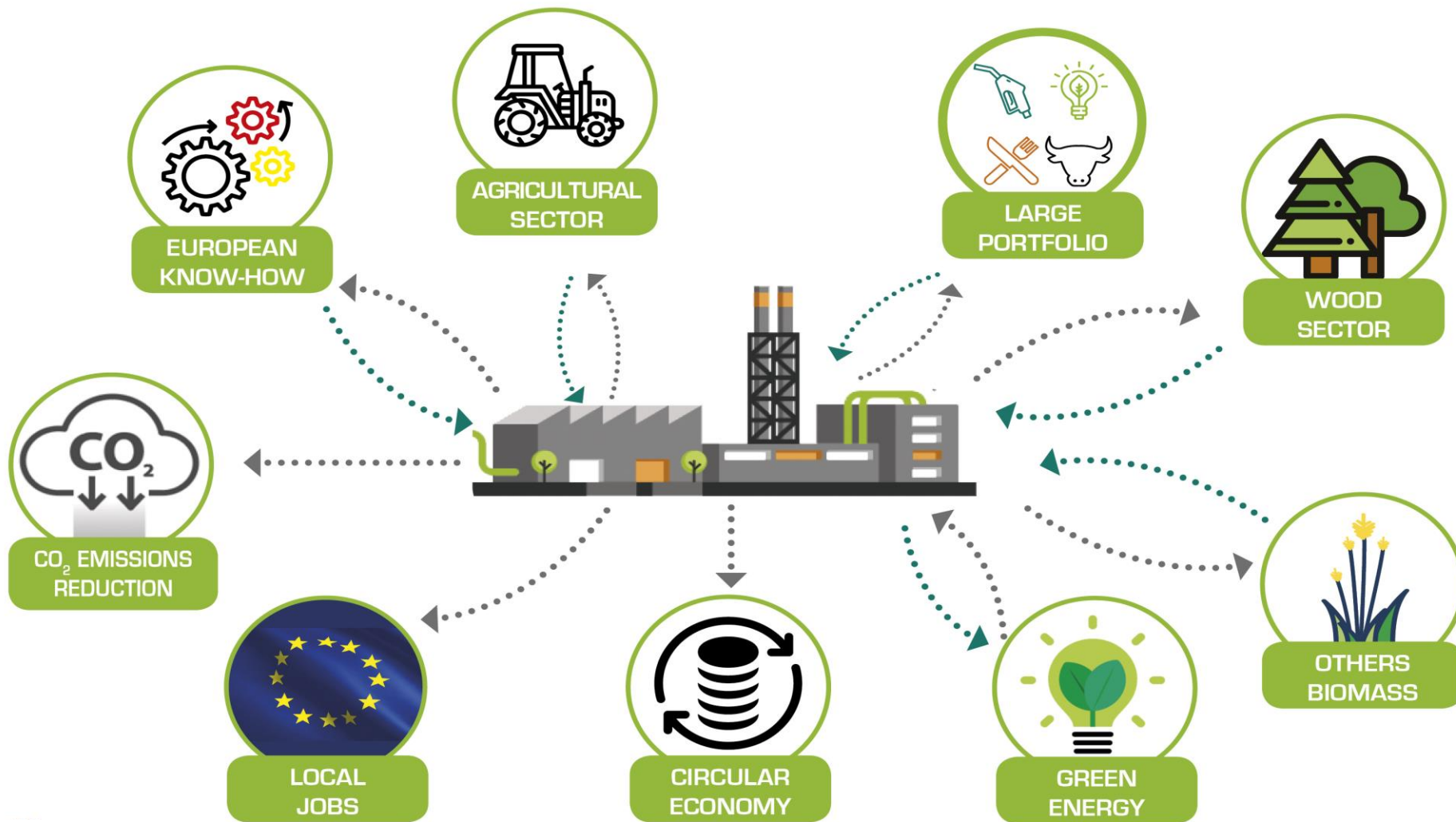


7
Power plant



8
Water treatment plant

BIOWANZE BIOREFINERY CARBON NEUTRAL



THANK YOU FOR YOUR ATTENTION!

Contact

BioWanze SA

Rue Léon Charlier, 11

4520 Wanze

Tél.: +32 (0) 85 410-511

www.biowanze.be

