

CENTRAL OSTROBOTHNIA, FINLAND

KIP Industrial park

- Annual export 1.1 billion €
- 2 200 employees
- 413 million investments in the 2010s
- The most significant lithium spodumene deposit
In Europe

Countryside

- 11% of milk, 260 million l
- 10% of big beef, 6700 tons
- 11% of cattle beef, 8300 tons

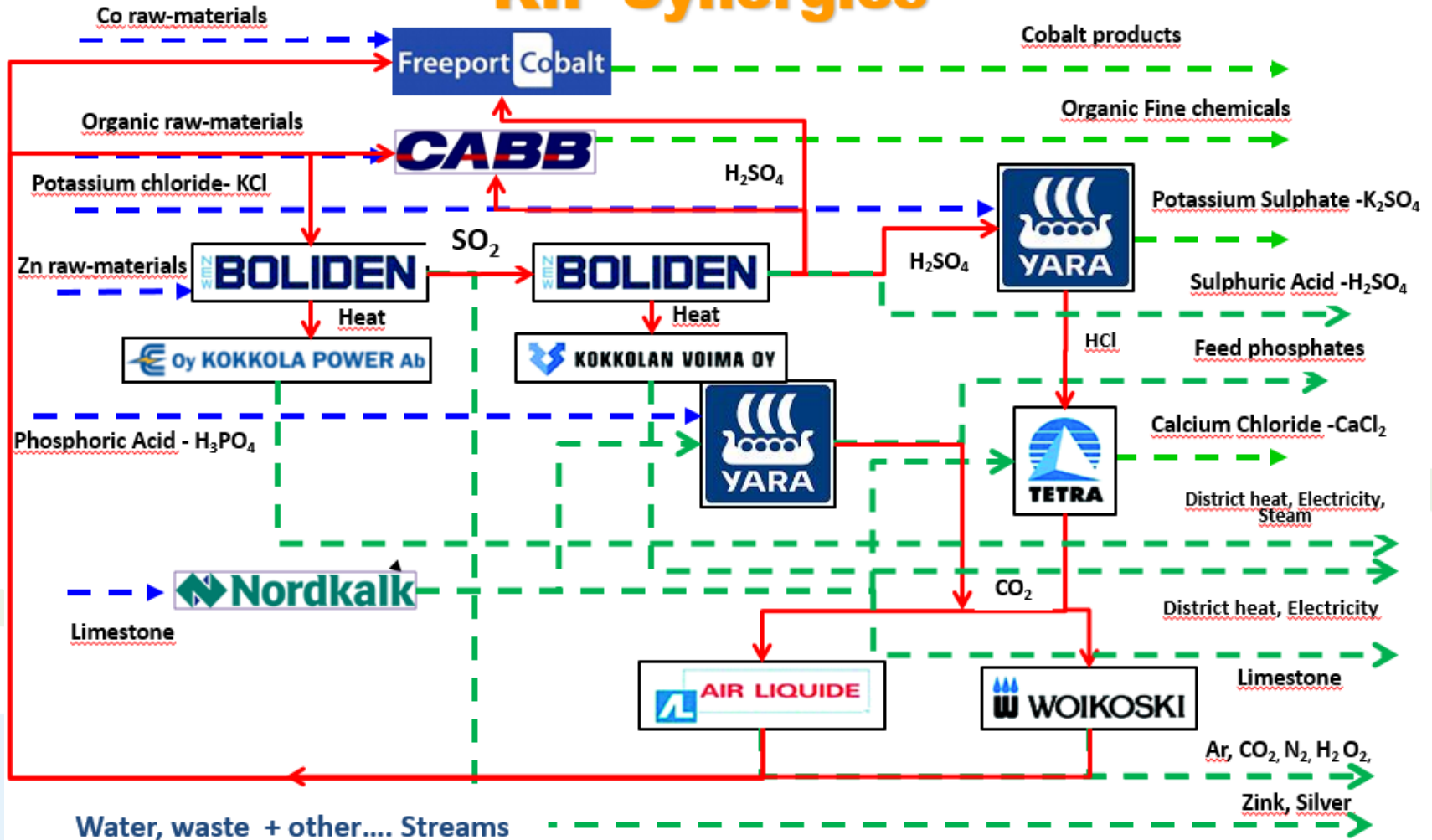
- 300 000 cm³/a wood than used
- 62 000 kg DM/a ensilage than used
- Animal manure, 1.4 million tons

Keski-Pohjanmaa

Mellersta Österbotten
Central Ostrobothnia



KIP Synergies



TWO BIOREFINERIES IN PLANNING PROCESS

Raw materials:

Wood biomass, ensilage, animal manure

Infrastructures:

Airport, train, harbour

Financing:

Good support level through EU funded regional programmes

Workforce:

University consortium, University of applied sciences, technical college

Supporting institutions:

NATURAL RESOURCES INSTITUTE FINLAND (1400), Geological Survey of Finland (460)

Regional markets:

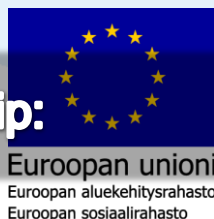
Almost 800 companies exporting

Entrepreneurship:

Highest level in Finland



EU:lta
2014-2020



Euroopan unioni
Euroopan aluekehitysrahasto
Euroopan sosiaalirahasto



**High value
added
chemicals**



BARRIERS

Lack of Company
Lack of local
capital
Lack of knowhow