

# AkzoNobel's Chemical Island concept

AkzoNobel's Pulp and Paper Chemicals business, Eka Chemicals, is to invest close to €90 million in a new Chemical Island. This will supply the world's largest pulp mill, which is currently being built in Brazil.

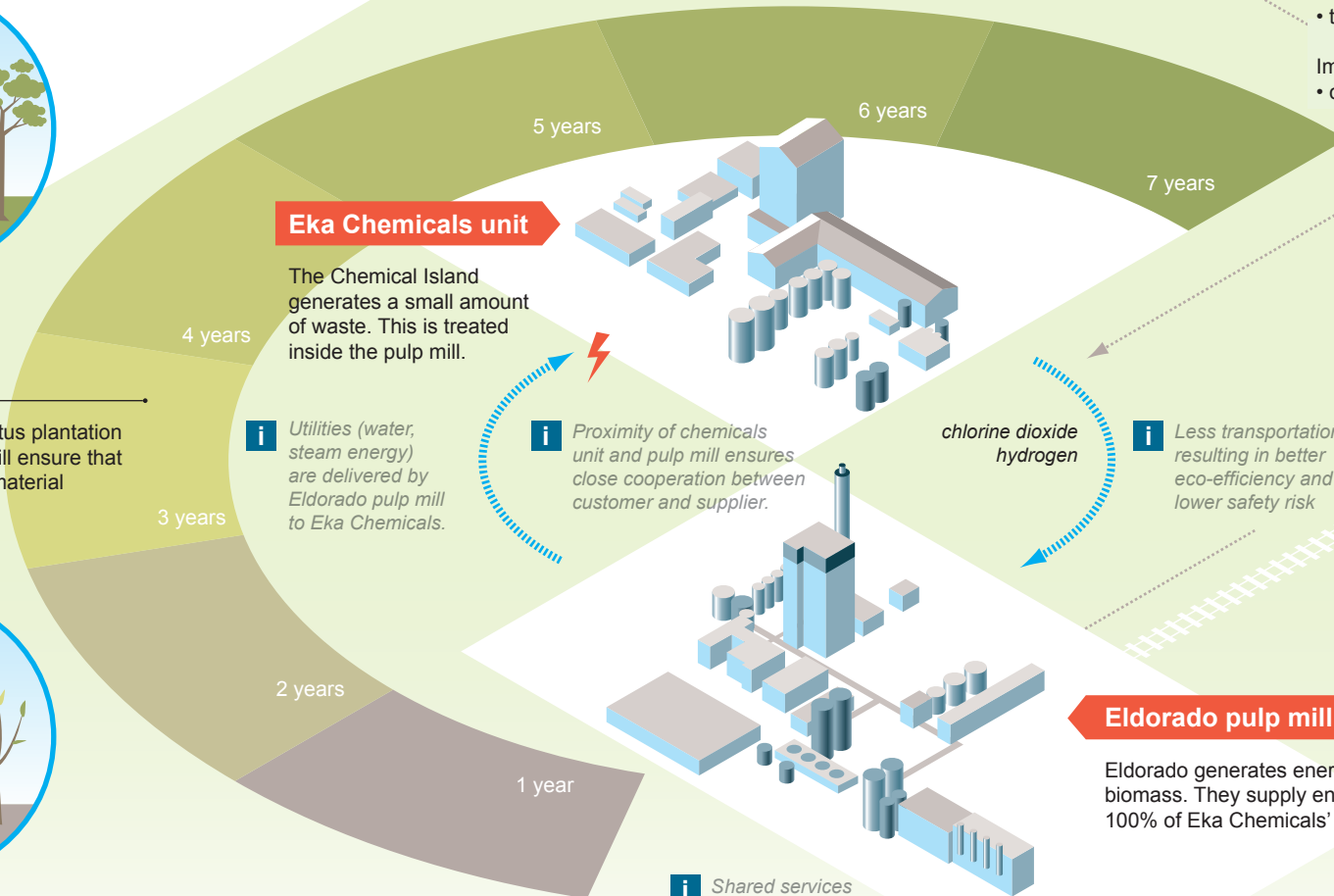


## i Advantages Chemical Island



## Eucalyptus trees

The fastgrowing eucalyptus plantation that surrounds the mill will ensure that a sustainable supply of material reaches the pulp mill.



### Eka Chemicals unit

The Chemical Island generates a small amount of waste. This is treated inside the pulp mill.

i Utilities (water, steam energy) are delivered by Eldorado pulp mill to Eka Chemicals.

i Proximity of chemicals unit and pulp mill ensures close cooperation between customer and supplier.

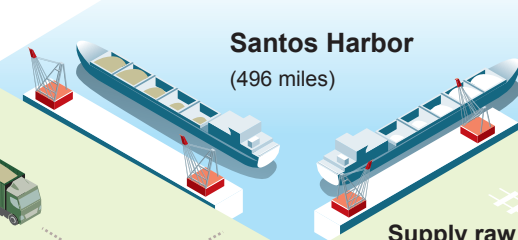
i Shared services with the pulp mill for cost optimization.

chlorine dioxide hydrogen

i Less transportation, resulting in better eco-efficiency and lower safety risk

### Eldorado pulp mill

Eldorado generates energy through biomass. They supply energy for 100% of Eka Chemicals' production



## Supply raw materials

- From Brazil:
- hydrogen peroxide
  - sulphuric acid
  - sodium sulphate
  - sodium bisulphate
  - talc

- Imported:
- caustic soda

## Paper mill factory (overseas)

Pulp will be transported and exported to paper mill factories worldwide.

