

Foto: Per Lundström, Taggpic

GrupoFertiberia

Green Wolverine AB More than a Project

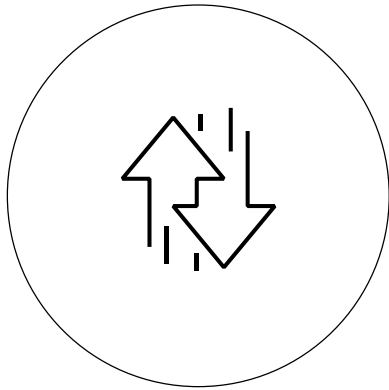
Strengthening Swedish independence on sustainable food



grupofertiberia.com



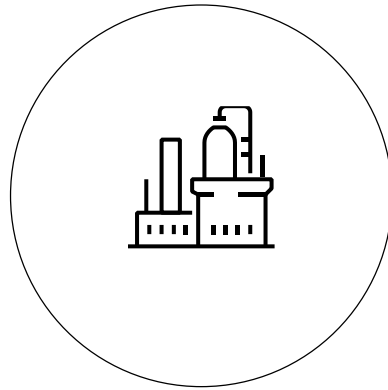
Grupo Fertiberia in figures.



NET SALES

€1500 million
in 2022

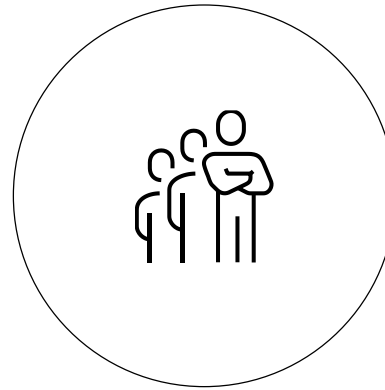
With 3.1 million
tonnes of
production



PLANTS

15 production
plants

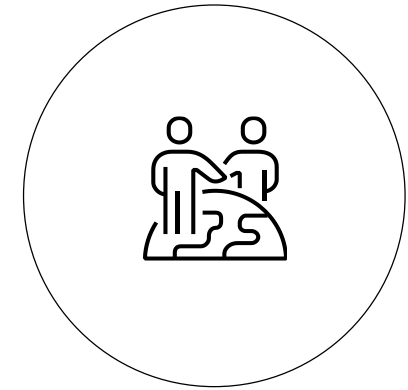
In Spain, Portugal,
France & NL



EMPLOYEES

Over 1,500
employees

across the Group's
various
departments



CUSTOMERS

+/-1 thousand in
80 countries

Retailers,
cooperatives, industries
and farmers

Fertiberia has the capabilities to develop a new low-carbon fertilizer platform in Sweden to address food security and agriculture decarbonization.



LEADER IN GREEN AMMONIA & FERTILIZERS

- First company in the world producing green ammonia at scale from May 2022.
- Developing two other world-scale green projects in Spain
- Targeting full decarbonisation by 2035



DISTINCTIVE EXPERIENCE IN ALL AMMONIA & FERTILIZER OPERATIONS

- One of the largest European producers, with more than 7 millions tons.
- Strong European sales and marketing platform
- More than 50 years of experience in ammonia & fertilizer operation.



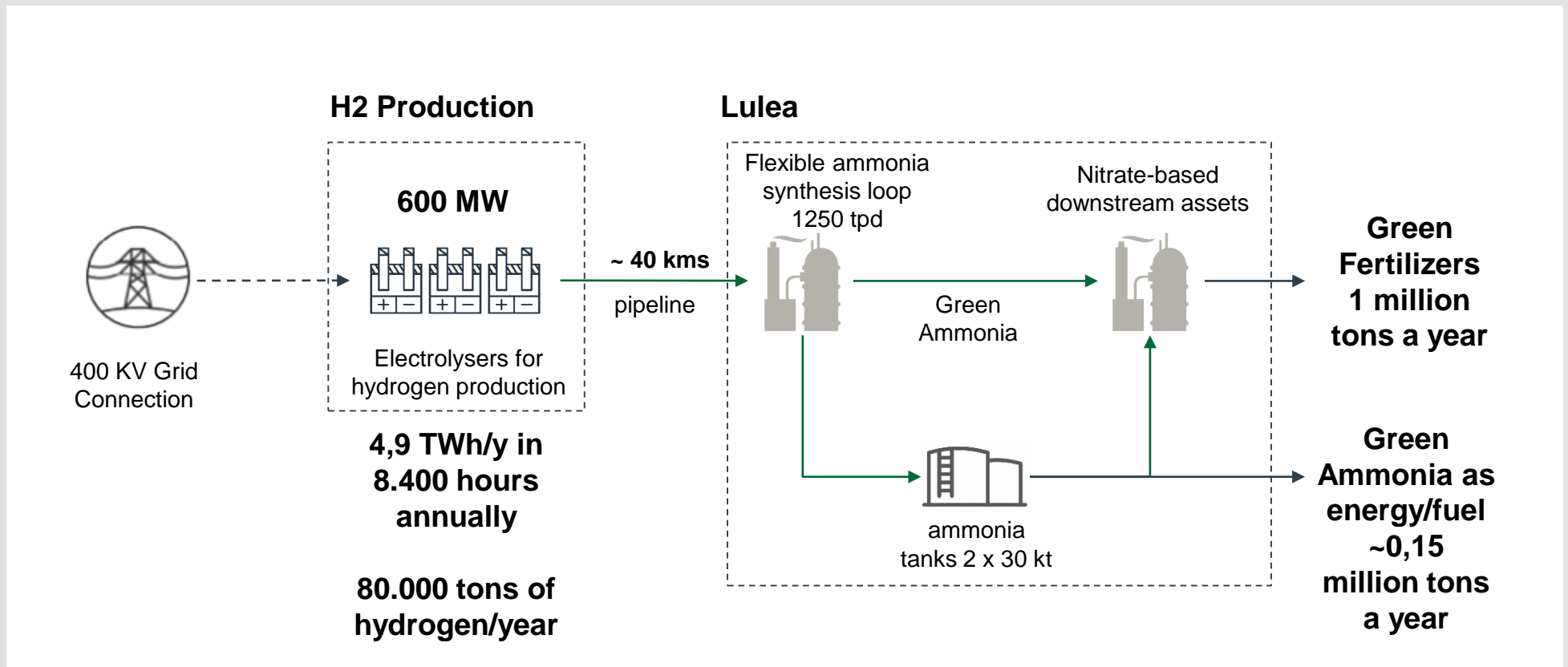
EUROPEAN LEADER IN ADVANCED CROP NUTRITION SOLUTIONS

- Smart and digital crop nutrition solutions brought by Fertiberia and its Swedish partners could minimize nutrient losses to the environment and GHG emissions while maximizing nutrient uptake and carbon sequestration

2. Project Description

Industrial configuration and main figures

Expected investment of 1,35 billion euros*



Required investment in grid connection, electrolyzer and hydrogen pipeline amounts to **600 million euros***.

Ammonia & fertilizer production and storage require additional **750 million euros** of investment*.

* To be confirmed after Feasibility studies

In addition to the Swedish agriculture, Green Wolverine will enable the decarbonization of other industrial sectors and will contribute to Swedish energy transition

Green ammonia has a huge potential as zero-carbon energy carrier and fuel

- Green ammonia can be used as zero-carbon fuel for the maritime sector. The Botnia Bay has today significant maritime activity.
- The excess heat, the hydrogen and the ammonia produced could be used by other industrial and energy players in the area (e.g. Lulea Energi)
- The electrolyzer facility at Boden could offer grid stability services being 100% flexible.
- Green ammonia could be co-fired in Swedish back-up power plants to fully decarbonize Swedish energy and couple generation and demand with increasing wind.