

### **Outline**

- 1. Yara at a glance
- 2. Sustainability ambition
- 3. Ammonia production of today generates CO<sub>2</sub> emissions
- 4. A future of emission free production
- 5. Ammonia as energy carrier



## Yara is a global crop nutrition and industry solutions company

Close to 15,000 employees

Sales to about 160 countries

Revenue
NOK 95.2
Billion
(USD 11.4 Billion)

#### **Crop nutrition products**

- Complex fertilizers (NPK)
- Urea
- Specialty fertilizer

#### Industrial products

- Emission control solutions
- Nitrogen chemicals (ammonia, nitric acid)
- Nitrate industry applications

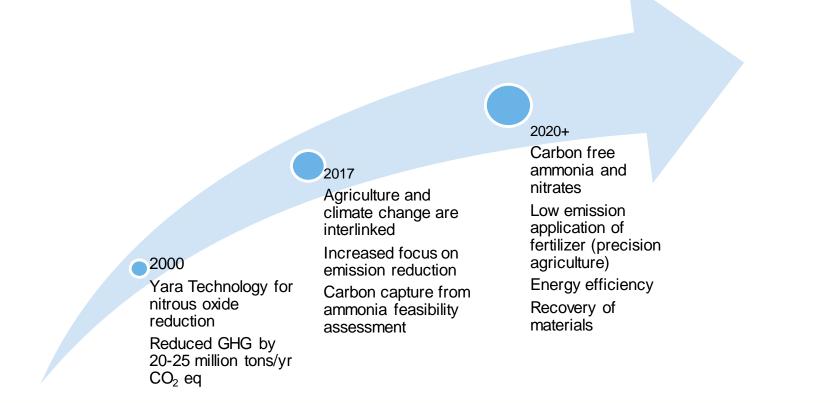
Integrated world scale production, effective supply chain, distribution and local blending



# Yara's mission is to responsibly feed the world and protect the planet

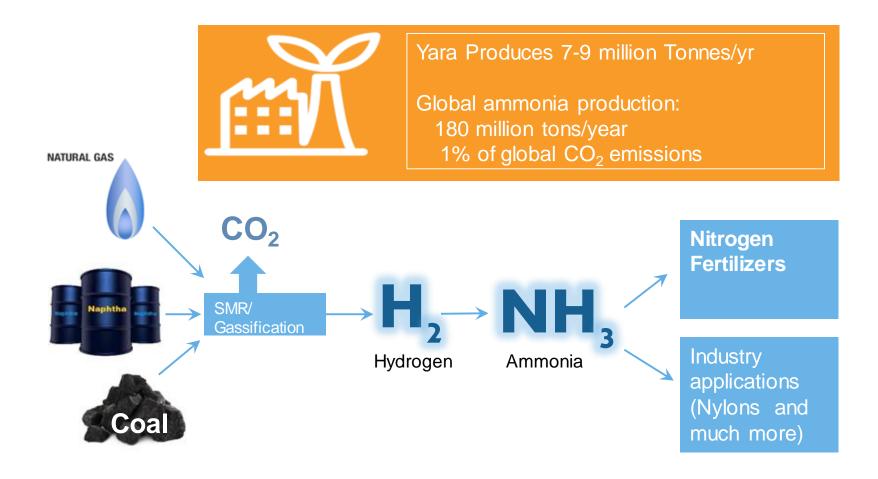
GHG emission reduction, and improved resource utilization is driving our transition in energy, raw materials, and precision agriculture

- Renewable energy / electrification
- Circular economy / lower material intensity
- New product helping farmers to grow more with lower emissions and waste





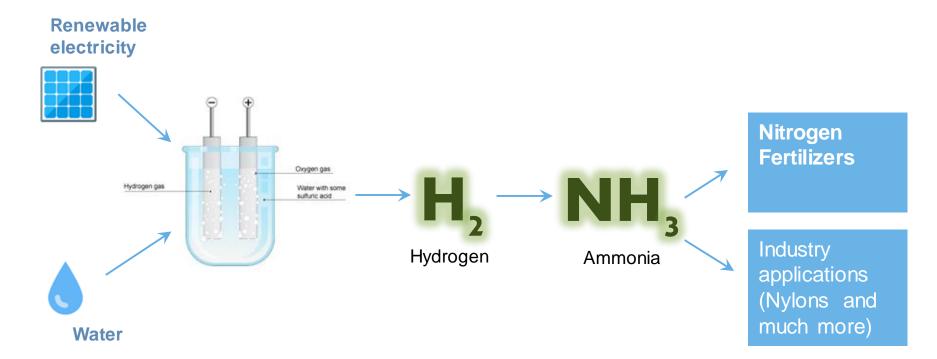
## Ammonia is a key precursor in nitrogen fertilizer and a number of industry and consumer products





# Green Ammonia is the way forward for fertiliser and agricultural CO<sub>2</sub> reduction

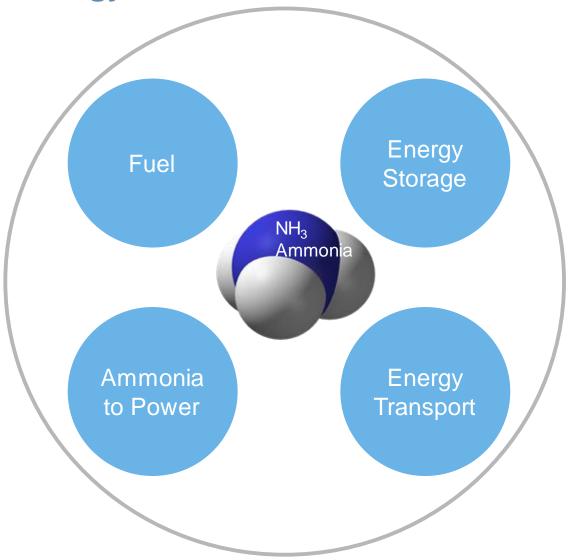
- Ammonia can be produced entirely without CO<sub>2</sub> emissions from water electrolysis and renewable electricity
- Key enablers are lower cost renewable power, and efficient intermittency measures





Green ammonia creates a world of new possibilities in

renewable energy







Knowledge grows



Thank you for your attention