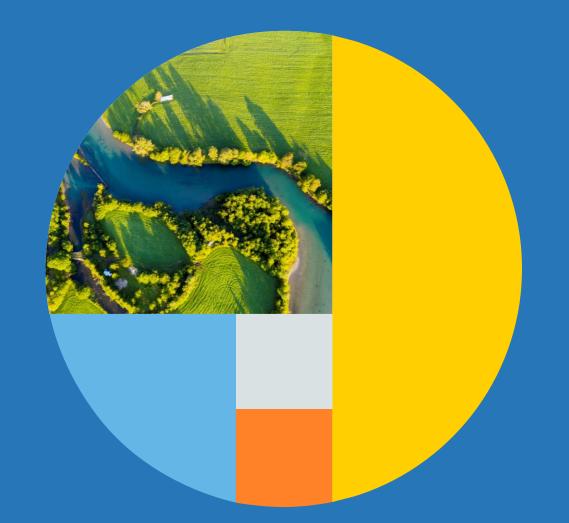


Knowledge grows

Sustainable food production using green energy

Thomas Huang Director of New Business Strategy

Yara China 2023.02.16





The spark that led to Norway's most important invention

Extracting nitrogen from the air with electric power from Norway's waterfalls.

Kristian Birkeland and Sam Eyde's invention fed millions, helped farmers create profitable businesses, and saved lives.



Global mission, global presence



17,800 Employees worldwide

16.6

Billion USD revenue

28
Production plants

160 Countries with sales

10,000+

Yara-branded retail outlets globally







Feed an additional 2 billon people by 2050*

*World Population Projections (Average Estimates (UN 2019 Revision)



A 90-100% reduction in GHG emissions needed by 2050 **

** To stay within 1.5-degree target. Special report on Global Warming of 1.5°C (IPCC 2018).



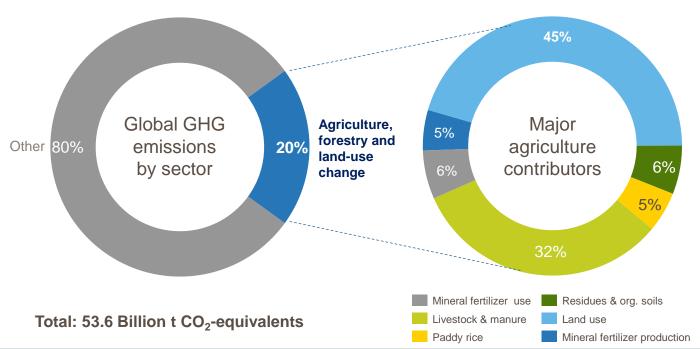
1.5 billion hectares of farmland needs to be restored to nature by 2050 ***

*** To meet the "Better Futures scenario" in the 'Growing Better' report (FOLU 2019).





Agriculture is a major source of greenhouse gas emissions; improving land use efficiency is key

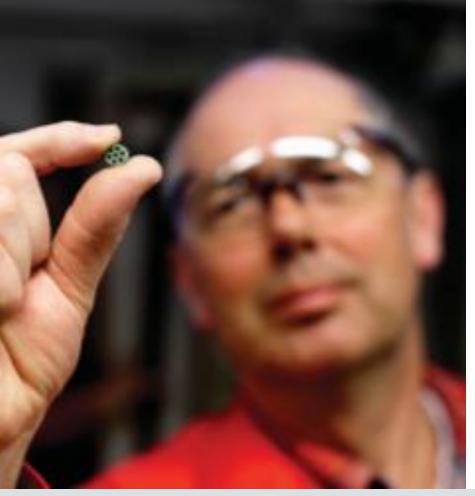












Climate neutral by 2050

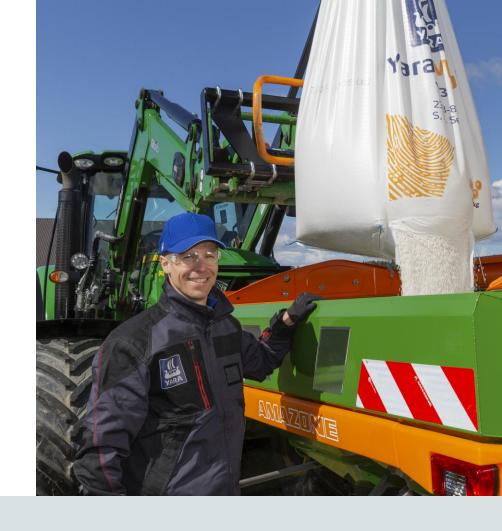
- Yara has reduced GHG emissions by 45% since 2005, on track to meet the EU 55% reduction target.
- So far, Yara's most significant initiative to reduce GHG emissions is the installation of N2O catalyst technology at its nitric acid plants.
- New target in 2020: reduce our scope 1&2 emissions by 30% by 2030, based on a 2019 baseline.
- In 2020, Yara signed a letter of commitment to the Science Based Targets initiative to help build a Sector Decarbonization Approach for the nitrogen fertilizer industry in line with the 1.5C target.



Promote sustainable crop nutrition solutions and nitrate-based products

Nitrate-based solutions, delivered with digital precision are backed by over a century of knowledge and experience.

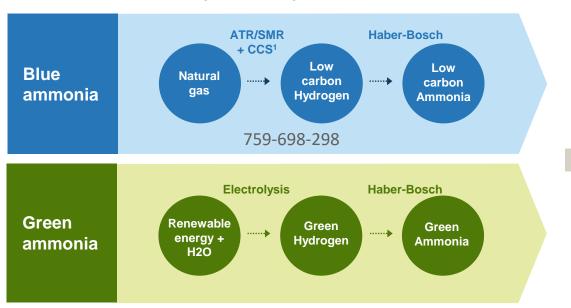
- Increased crop yields of up to 20%
- Reduction of ammonia emissions in the field by up to 90%
- Reduce greenhouse gas emissions from application by up to 15%



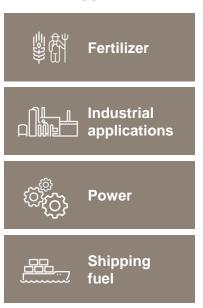


Blue and green ammonia for a clean energy future

Green and blue ammonia production process



End-use applications



Yara has had a long presence in China



Hong Kong office established in 1972

Building a strong trade business with production in Europe and logistics and sales in China



Moving into China Mainland

China main office established in Shanghai in 2010



Knowledge grows

Develop a knowledgebased company providing solutions and services to farmers all over China



Localizing production in China

Building our first highend fertilizer plant in Huaibei, Anhui province

Today, Yara is the most premium and recognized fertilizer brand in China



2023 – Yara's first high-end fertilizer factory in China



- 60kt fertilizer produced annually
- 1.5 M kWh needed











We are exploring ways to procure green power in China



