Knowledge grows

Powering Growth into the New Economy: the vision of Yara

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Strong EU footprint with a global mission and presence

1) More than 10,800 Yara-branded retail outlets around the world
2) Yara operated terminals and logistical production sites

17,800
employees worldwide

7,8
Mt NH3 production

4,1
Mt NH3 Traded

28
production plants

160
countries with sales

37,8 Mt
total product deliveries

Our **Mission**

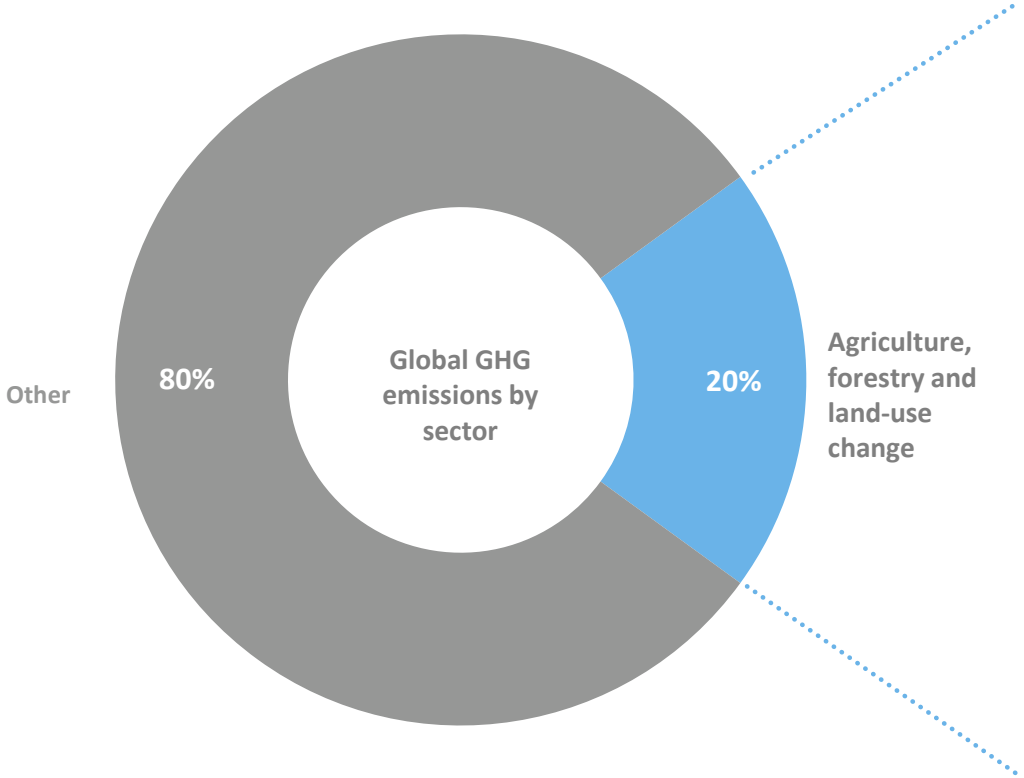
Responsibly feed the world and protect the planet

Our **Vision**

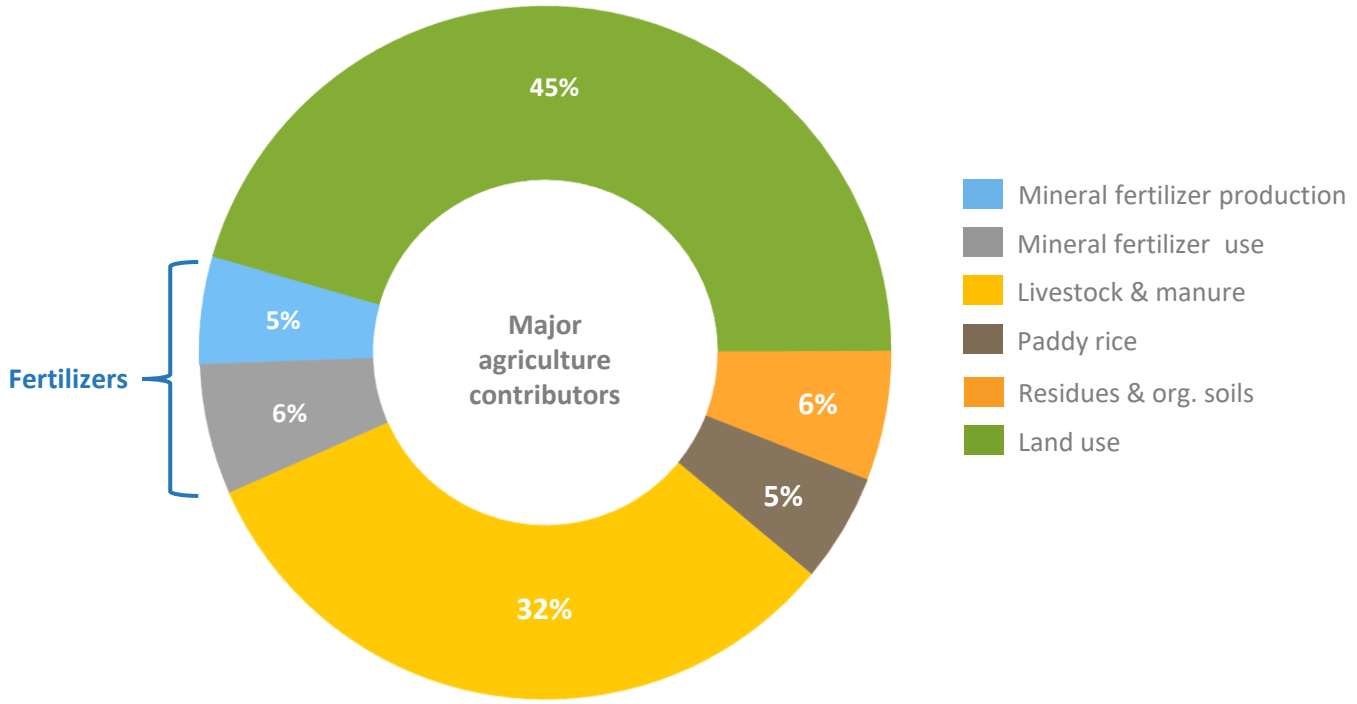
A collaborative society;
a world without hunger;
a planet respected

11% of emissions from agriculture are related to fertilizers.

That means **Yara can make an impact**.



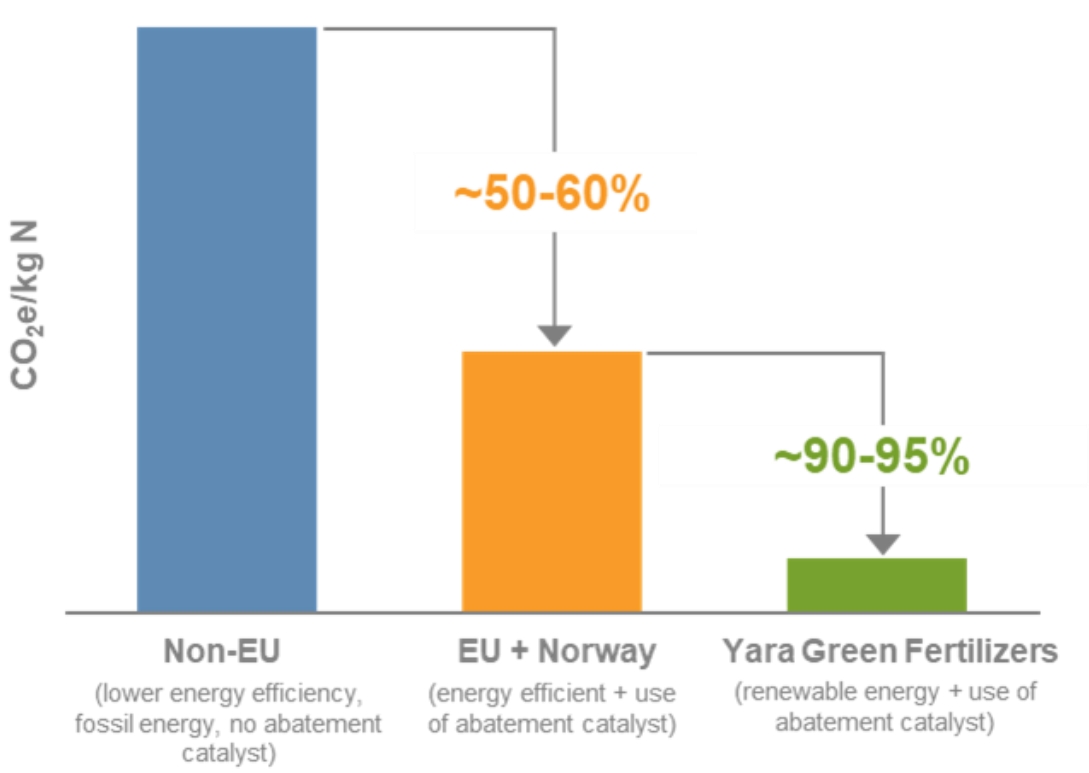
Total: 53.6 Billion t CO2-equivalents



Source: FAOSTAT (2020) * Calculated based on IFA and FE for 2015; not disaggregated from industry in FAOSTAT

Spearheading the production of low carbon fertilizers

Production carbon footprint nitrate-based fertilizer



Nitrate-based fertilizers

Produced with N_2O catalyst abatement technology

Made with green ammonia, produced with renewable energy

Product carbon footprint reductions of fertilizers, crops, and food products

Changing from Yara already low carbon nitrates fertilizers to **Yara ultra-low carbon fertilizers** will give additional **decrease in product carbon footprints** along the **food value chain**

** Illustrative figures. Actual reductions may vary depending on country origin, year and seasonal changes.*

Best-practice fertilizer applications **improve**
Nitrogen Use Efficiency
and reduce **GHG emissions.**

Choosing the right mineral fertilizer and the right nitrogen form

Opting for low-carbon footprint mineral fertilizers

Adding precision and knowledge to crop nutrition planning

Precision farming: applying the right nutrients in the right quantity at the right time

Digital tools enable growers to estimate the nitrogen status of crops and use this **information to determine how much fertilizer to apply and when to apply it**

Benefits of precision farming include **higher yields, improved crop quality, lower emissions and other environmental impacts and cost savings** for the farmer

N-Tester:
A chlorophyll meter.

N-Sensor:
A tractor-mounted vegetation sensor.

Atfarm:
A satellite-based system.

Crop Nutrition Plan:
A pre-season digital tool.

Photo Analysis:
An Atfarm feature.


YARA
Knowledge grows
Growing a Nature-Positive Food Future.