



Knowledge grows

## Collaboration in the Sustainability Area

Alexandre Leruth  
Brussels, 03-10-2016



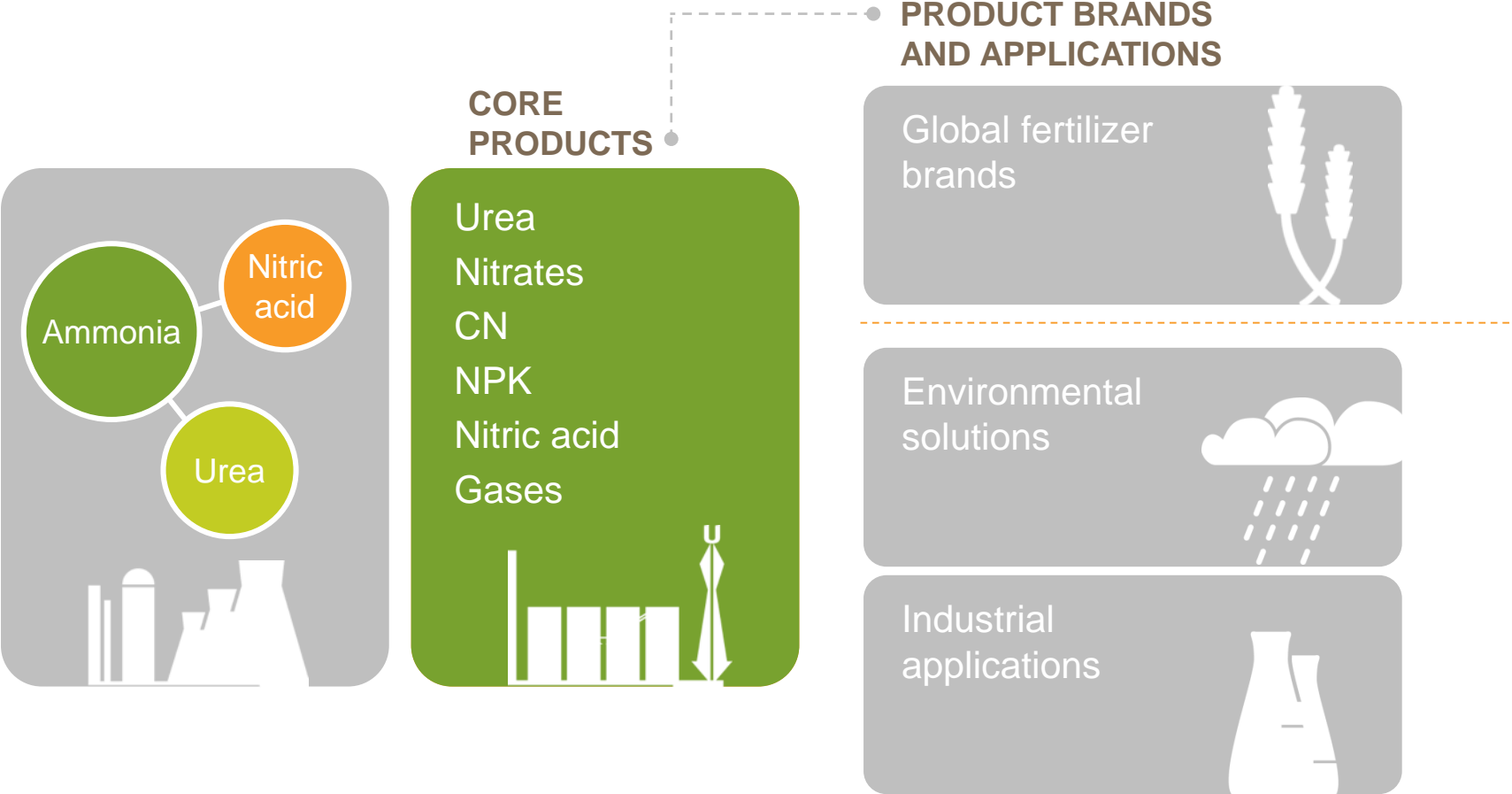
# Yara delivers sustainable solutions for agriculture and the environment

**Agricultural  
products**

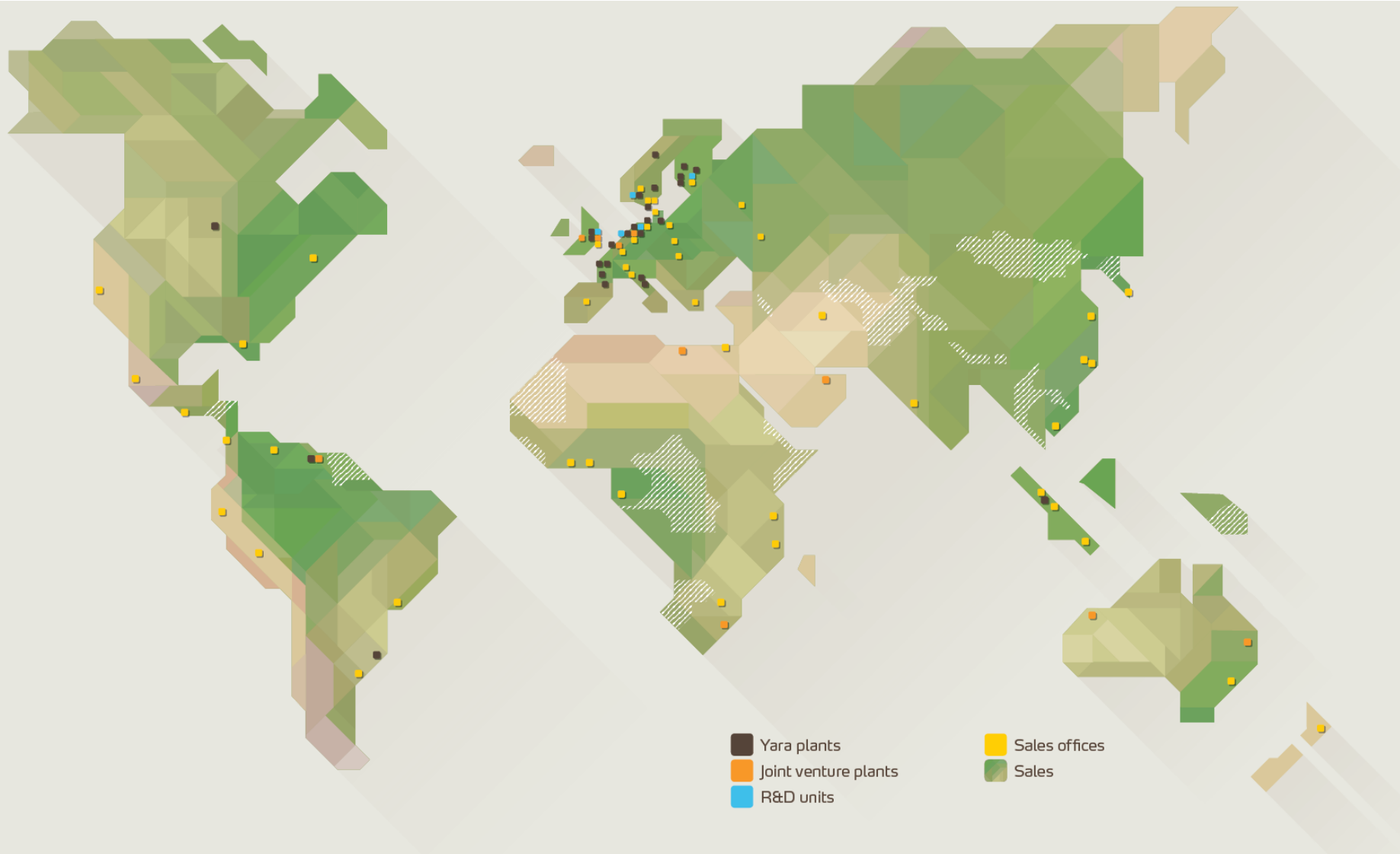
**Industrial  
products**

**Environmental  
solutions**

# Yara's products and solutions share a common platform



# Yara has a solid global presence





# Collaboration Yara - NTNU

- Many NTNU Alumni at Yara
  - Most of them at R&D for Yara International, Porsgrunn, Norway.
- Long-term research going on with NTNU
  - The last one is the Centre for research-based innovation called:

*Industrial Catalysis Science and Innovation (iCSI)  
for a competitive and sustainable process industry*

Partners:



<https://www.ntnu.edu/icsi>

# Collaboration Yara - NTNU



- MSc and PhD students sponsorships and summer jobs
- Support and use of both specialised lab equipment and pilots
  - Development related to ammonia and nitric acid production and catalysis
  - Close collaboration with NTNU, SINTEF and Univ. of Oslo
- Important sponsors for Yara's research and piloting in Norway are:
  - Norwegian Research Council
  - Innovation Norway
  - ENOVA
  - EU – Horizon2020

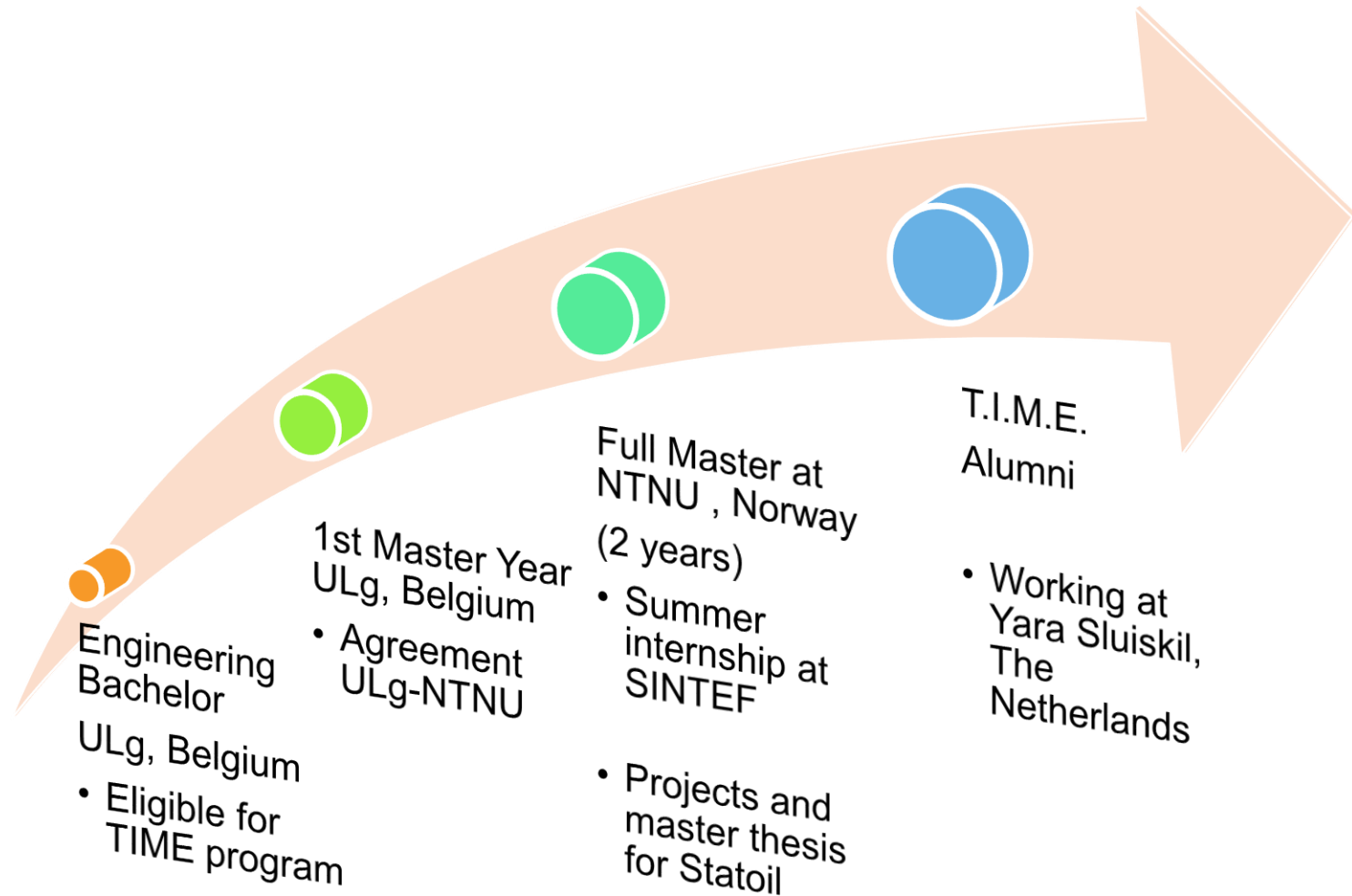


# Top of Industrial Managers for Europe [T.I.M.E.]

- Network of 54 leading Engineering Schools  
and Technical Universities (incl. NTNU, Norway)
- **Double Master Degrees** through voluntary bilateral agreements
- 500+ newly students mobile in T.I.M.E. exchanges per year

TOP INDUSTRIAL  
MANAGERS  
IN EUROPE

# A typical T.I.M.E. experience





## Shared learnings

- Yara's production process diversity offers comprehensive material for engineer students
- Close collaboration with NTNU is very successful for Yara's research activities in Norway
- Companies like Yara are more and more interested by the international exposure of graduates
  - NTNU involvement in T.I.M.E. has potential



**Knowledge grows**

