

CF Investing in Teesside

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Who are CF?



- CF Background
- Billingham Site
- Our Economic Footprint

Investments



- Ammonia 4
- Nitric Acid
- HV



CF History & Background



Imperial
Chemical
Industries
(ICI) Ltd
was formed

Shell /
Armour
Star built
Ince Plant

UK
business
formed
from last 2
UK
producers

UK
Business
Acquired
by CF

1929

1940's
& 50's

1965

1970's

1980's
& 90's

2005

2007

2010

2015

2016

2017



Central
Farmers
Fertilizer
Company
Acquired
nitrogen
plants

CF
Industries
Formed
In 1970

CF
Comple
s IPO

Acquisition
of Terra
(including
UK joint
adventure)

\$4bn
expansion
projects
completed



UK business, owned by
CF Industries Inc, USA.



Producing up to 40% of GB
fertiliser requirement



Two sites: Ince, Cheshire (HQ)
and Billingham, Teesside



Serving UK Agriculture and
Industrial Markets



Production capacity- 4 million
tonnes (including Chemicals)





Investments

Ammonia Plant Reformer Section

Nitric Acid

High Voltage Rationalisation

Ammonia Plant Reformer Section



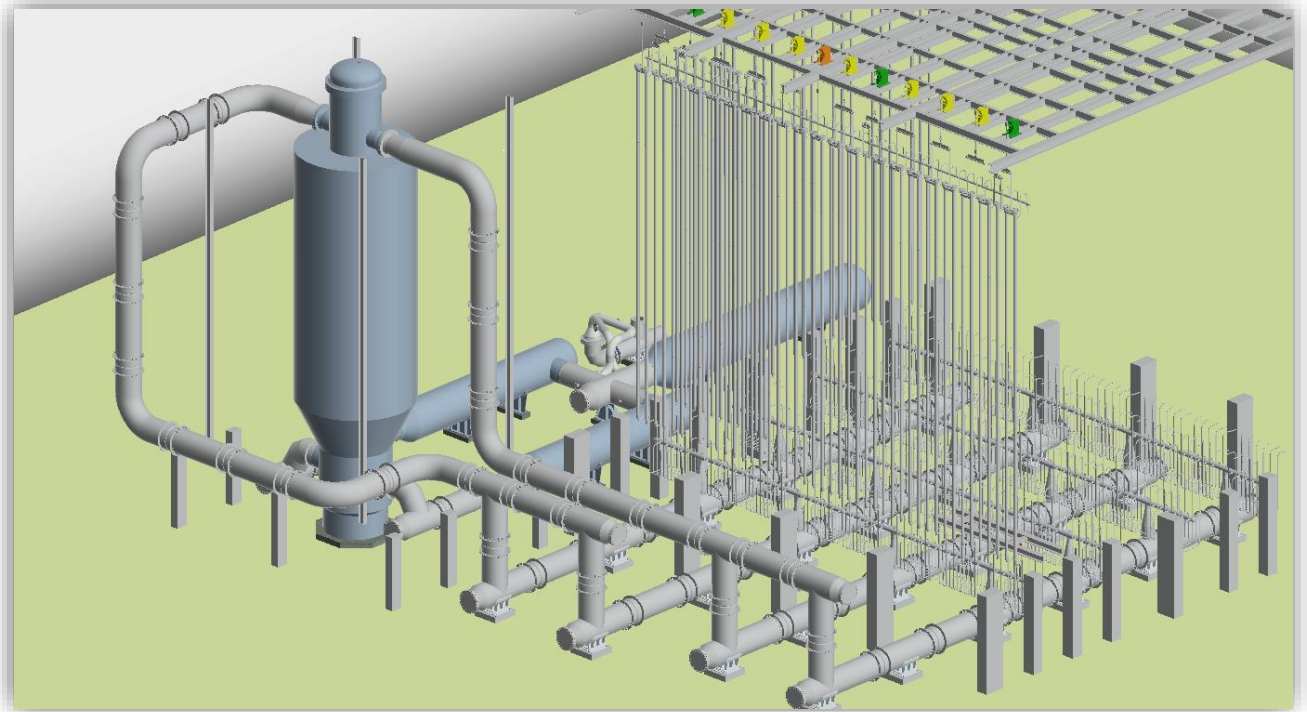
Primary Reformer
tubes & tube
support system



Outlet gas collection
manifolds



Refractory lined
transfer mains



Focused on Nitric Acid 1 Plant

We are investing in five new plant items:



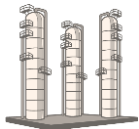
Ammonia Evaporator



Cooler Condenser



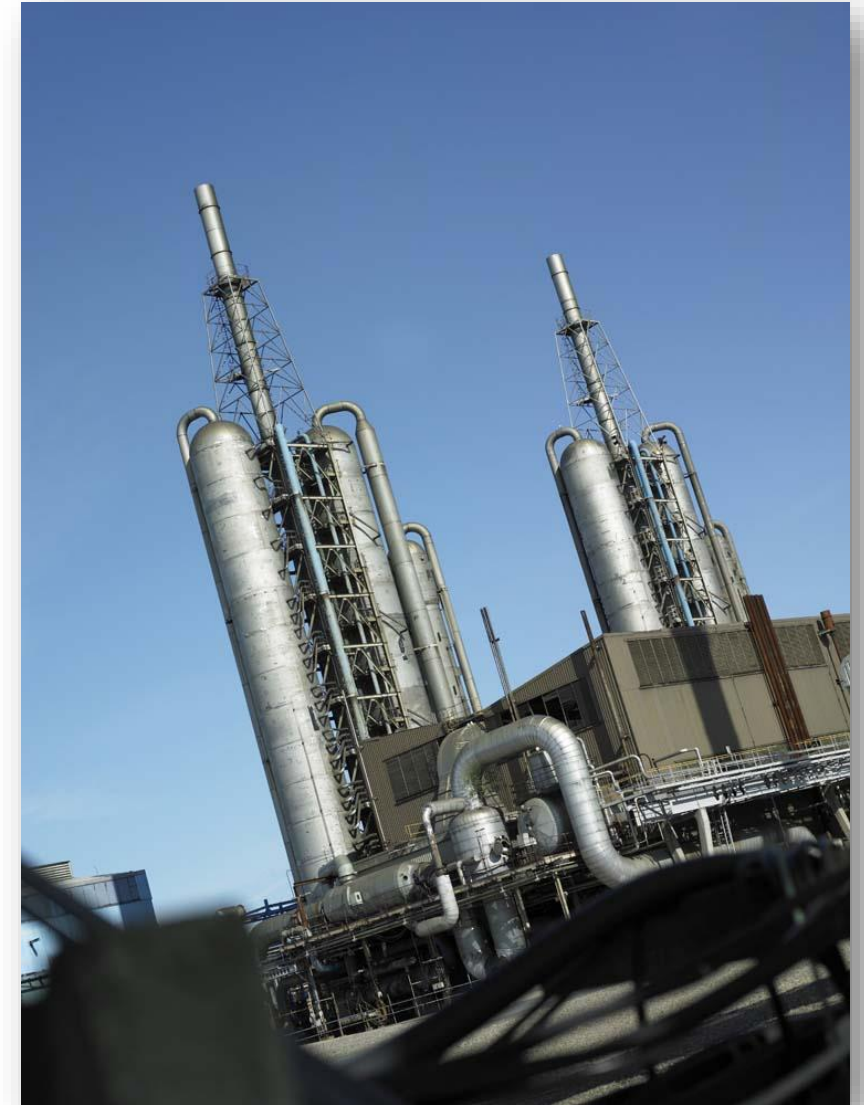
Waste Heat Boilers



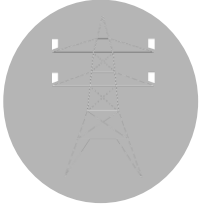
Air Compressor Filter House



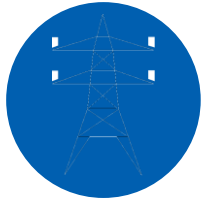
NO_x Compressor Casing Replacement



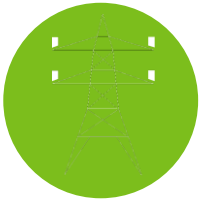
High Voltage Rationalisation Background



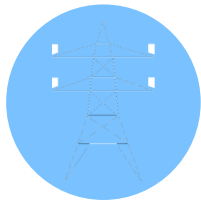
Change in Site Demand



Aging Equipment



Oil Filled Switchgear

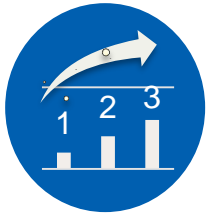


Network Rationalisation





£40m investment in the Billingham Site



x3 significant investments in site strategic areas



Ensuring site Ammonia & Acid production capability for **20 years +**



Thank you

Questions?