



px Group

Introduction



px group | it's our people that make the difference



Service and end markets

Management, Operations and Maintenance Services

Owner and Operator of Saltend Chemicals Park



Project Delivery and Engineering Services

Energy Solutions



&



Ara Partners

Ara Partners investing in decarbonisation

www.arapartners.com

- Ara partners investments focus on the broader industrial economy which contributes the majority of global carbon emissions
- Ara invest in improving the infrastructure of the everyday economy to make a positive and immediate impact to some of the most challenging drivers of climate change

59%
























of global CO² emissions come from outside of the power sector



Ara Partners portfolio companies

Investment in Decarbonisation, USA, UK and EU



Manufacturing & Industrial Services		Chemicals & Materials		Energy Efficiency & Green Fuels		Food & Ag	
	Fully integrated Industrial asset operator focused on renewables and decarbonization		European PET plastics recycling platform		Market leading UK renewables platform focusing on solar PV and energy storage		Conversion of food waste to high-value specialty food additives and nutritional supplements
	Emissions and waste reducing industrial tank cleaning technology and service company		Mechanical recycling of flexible plastic packaging materials into post-consumer resins		Recycler of lithium-ion batteries to reclaim metals suitable for reuse in LIBs or other applications		Recycler of unsold retail food waste into renewable natural gas
	Produce high purity alumina in North America, serving Li-ion battery, LED, sapphire and semiconductor markets		Industry leader in the development, design and manufacture of PET plastic containers		RNG plants targeting smaller scale biogas producers in key European markets		Simplifies supply chain with domestically produced ag-based pulp and molded fiber products
	Carbon-negative producer of high-specification synthetic lubricants		European LDPE plastics recycling platform		Develop technologically-advanced facilities to convert municipal solid waste to bio-methanol		Wattstor is a provider of turnkey behind the meter (BtM) automated energy solutions
	Hydrogen infrastructure equipment platform for refuelling, storage and production solutions		Process technology provider for the low-carbon production of acetylene and high-purity hydrogen		Independent energy management services provider of renewable power and demand response solutions		
	Continuum is a sustainable metal recycling company		CF Pathways is an award-winning risk management and solutions provider in the energy and environmental markets.		Manufacturer of next-generation solid oxide fuel cells and solid oxide electrolyzer cells		
					Lincoln is a provider of terminal services. The company provides throughput and storage solutions for renewable fuels.		

Saltend 2019



INEOS
Acetyls



vivergo
fuels



INEOS
Acetyls

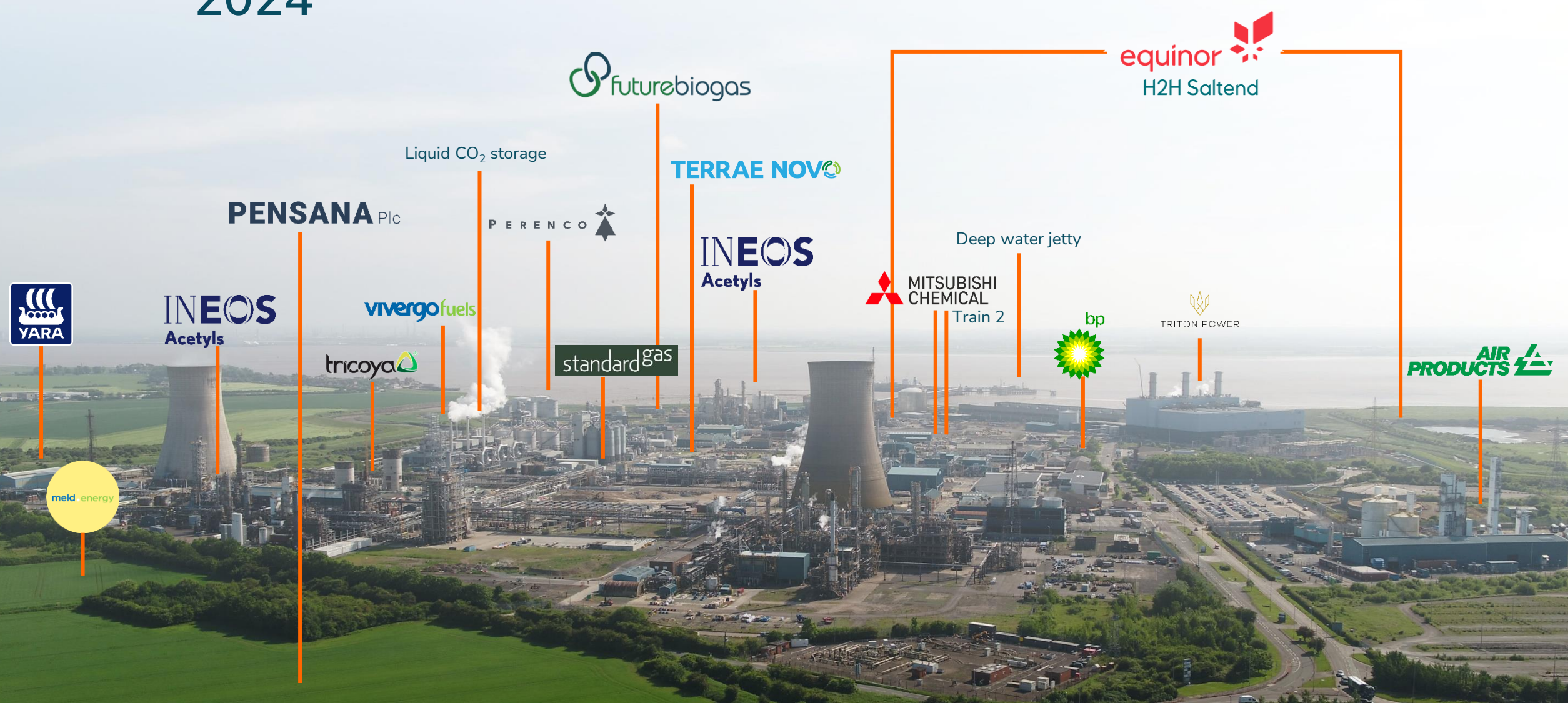


Deep water jetty



Key tenants have invested c. £600m in infrastructure at Saltend since its formation as a multi-user chemical park

Saltend 2024

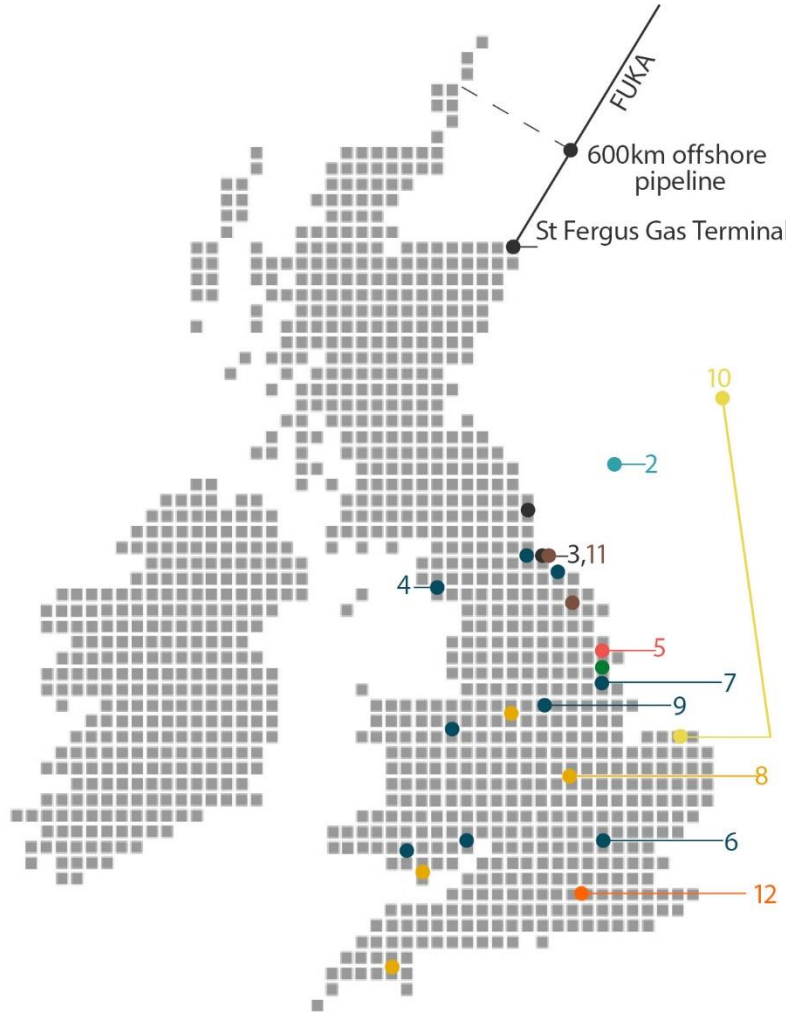


...with further investment expected from tenants and new site partners



Where we operate

- 1 ST FERGUS GAS TERMINAL**
1 COMAH Submission
Upper tier COMAH site with 2,648 mmscf/d processing capacity + 600 km subsea pipelines
- 2 BREAGH**
A normally unmanned installation (NUI) managed remotely from Teesside Gas Processing plant + 200 km subsea pipelines
- 3 TEESIDE GAS PROCESSING PLANT**
5 COMAH Submissions
Upper tier COMAH site with 800 mmscf/d processing capacity
- 4 FELLSIDE CHP**
50 MW Combined Heat and Power plant
- 5 SALTEND CHEMICALS PARK**
5 COMAH submissions
One of the largest independently operated multi-user chemical parks in the UK
- 6 BECKTON CHP**
17 MW Combined Heat and Power plant
- 7 STALLINGBOROUGH CHP**
15 MW Combined Heat and Power plant
- 8 NORTHAMPTON TERMINAL**
30,000 cubic meter storage capacity
- 9 HOLBROOK**
6.5 MW biomass plant
- 10 SEAL PIPELINE**
Commercial Operator
- 11 RENEW ELP**
20,000 tonnes end of life plastic recycling plant
- 12 SUNBURY**
Maintenance of Laboratories



- 1 RISAVIKA LIQUEFACTION PLANT**
Seveso III upper tier plant
300,000 tonnes of Liquefied Natural Gas (LNG) per year
- 2 ADVANCED METHANOL AMSTERDAM**
green and sustainable feedstock gives the opportunity to produce biobased fuels and chemicals



- OFFSHORE PLATFORM
- ONSHORE PROCESSING
- FUEL TERMINAL MANAGEMENT
- POWER STATION MANAGEMENT
- CHEMICAL/INDUSTRIAL PARKS
- WASTE PROCESSING
- BIOFUEL PRODUCTION
- ENERGY MANAGEMENT
- LABORATORY MAINTENANCE MANAGEMENT



Teesside Gas Processing Plant (TGPP)

- An independently owned, highly efficient and flexible gas processing plant which has, since construction, been operated and managed to world class standards by px group's team.
- Dual 400mmSCF/day per processing train design capable of processing the equivalent of ~ 6% UK gas
- Gas originates from fields in the central North Sea and is transported onshore via the 250 mile CATS pipeline
- Over 30km of associated high hazard pipework
- Deep liquid recovery and extraction capability (propane, butane and condensate)
- Exemplary availability, production and safety performance



St Fergus Gas Terminal (SFGT)

- px has operated and maintained the Top Tier COMAH installation since 2016 and is also the designated duty holder of the associated FUKA and SIRGE pipelines.
- Our operations and maintenance teams are onsite, while technical and commercial support teams operate from our offices in Aberdeen and Teesside
- provides the integration point for 15 connected offshore installations
- 75MSm³/d processing capacity
- 600km of associated sub-sea pipework
- Full accountability for O&M of terminal and pipelines
- 75 members of staff on site
- Ongoing technical and commercial development of the facility



Risavika Liquefaction Plant (RLP)

- RLP has a capacity of 300,000 tonnes of Liquefied Natural Gas (LNG) per year
- Converts natural gas from the Norwegian gas field into LNG for shipping, road transport and heating, playing a critical role in the energy mix
- px Group took over management of the 21-strong team on the ground at Risavika
- First site to be part of px Group's new company in Norway, px Norge AS
- Excellent health and safety track record and reliability

Beckton CHP



Breagh Gas Fields



Fellside CHP



Saltend Chemicals Park



Stallingborough CHP



Northampton Fuel Terminal



Holbrook Biomass



ReNew ELP





SAFE, EFFICIENT, COMPLIANT SOLUTIONS



REPUTATION

- More than 25 years experience
- zero harm culture and recognised safety
- Regulatory and compliance awareness
- Consistent delivery model which has enabled sustainable growth



PROVEN TRACK RECORD

- Established 2006 – acquired engineering design capability 2011
- Developed a number of relationships during market entry
- Repeat business – demonstrates customer satisfaction
- Depth and range of services to support customer requirements



POLICIES, PROCESSES AND PROCEDURES

- Quality management system ISO 9001:2015 certified
- Robust and flexible Company Operating System (COS)
- Regularly audited
- Aligned with clients



COMPETENCY

- Suitably Qualified and Experienced Personnel (SQEP)
- Lead engineers: Chartered professionals
- Required Knowledge, Skills and Behaviours (KSB)
- Efficient and effective systems and workflows (including HVEC)

WE DELIVER BOTH TECHNICAL AND PRACTICABLE END RESULTS

Concept

Feasibility

Front End Engineering Design (FEED)

Detail Design

Construction

Commissioning & Handover

Front End Loading (FEL 1)

Front End Loading (FEL 2)

Front End Loading (FEL 3)



px Energy Solutions - Journey to Net Zero



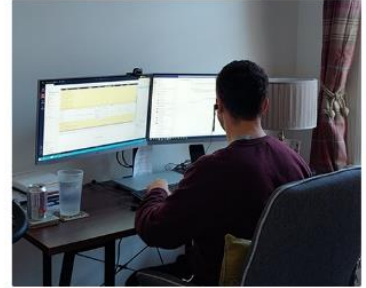


Community

Children Challenging Industry



17 Mental health first aiders



Working with local communities



Embracing new ways of working



ZERO HARM



Putting people at the heart of a Just Transition





Procurement & Contracts





- Over px Group we hold over 40 core site contracts with a combined value more than £60m
- These range from SIPS & MEI through to security, soft facilities, specialist support & on-site provision.
- Total spend including projects (on and offshore) approx £100m for 2024.
- px wants to work with innovative and collaborative suppliers that can drive safety, value and efficiencies.





Contacts

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Thank you

