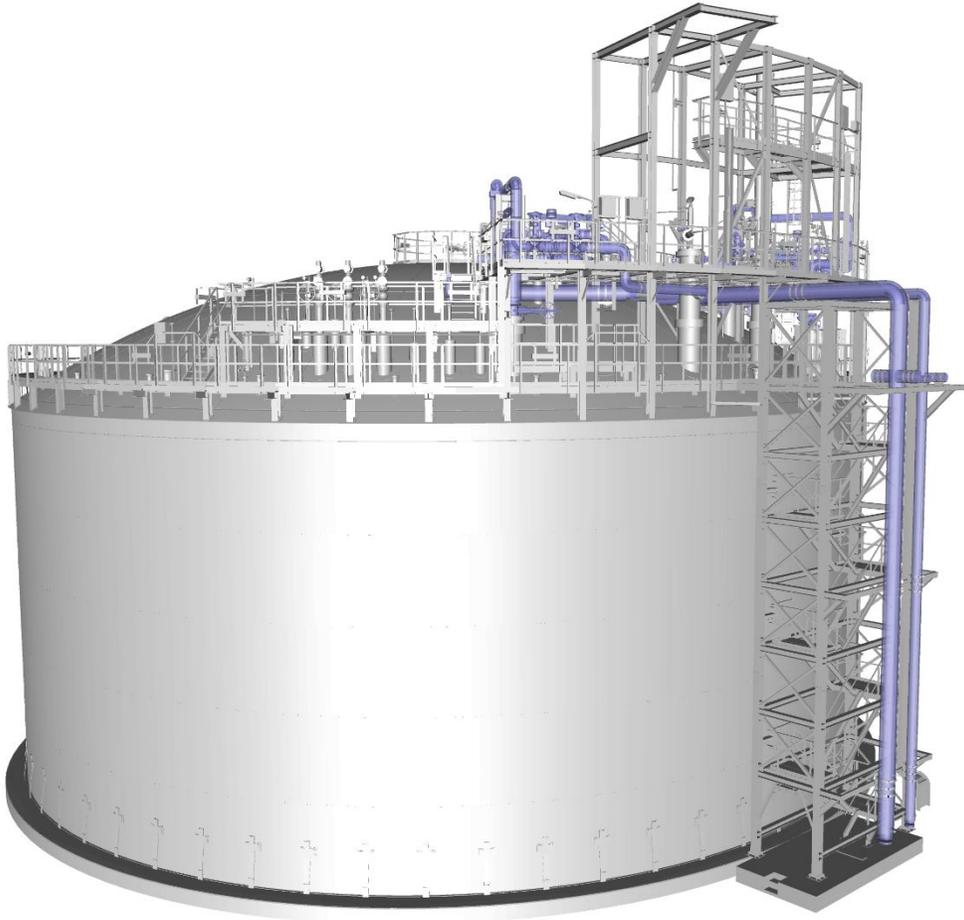




# TECHNODYNE INTERNATIONAL LTD

## CORPORATE PRESENTATION

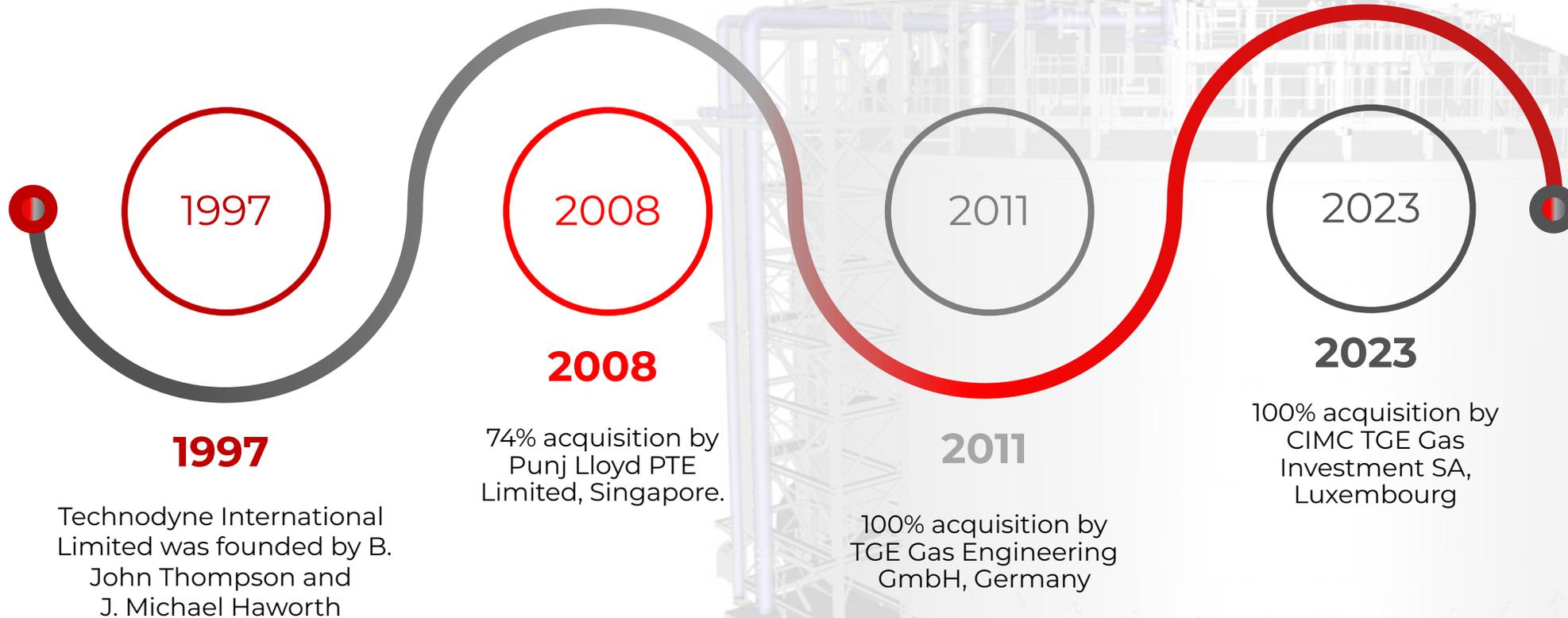




Technodyne International Ltd, headquartered in Eastleigh (UK), is a leading engineering company specialising in storage tank design, with over 160 tanks designed and constructed.

We ensure safe storage for refrigerated liquefied gases including LNG, Ethane, Ethylene, Propylene, LPG, Butane, and Ammonia,

We offer end-to-end services for the Oil & Gas and Chemical industries, including consultancy, failure investigations, concept and FEED studies, and detailed engineering for manufacturing, construction, and commissioning.





# OUR LOCATIONS

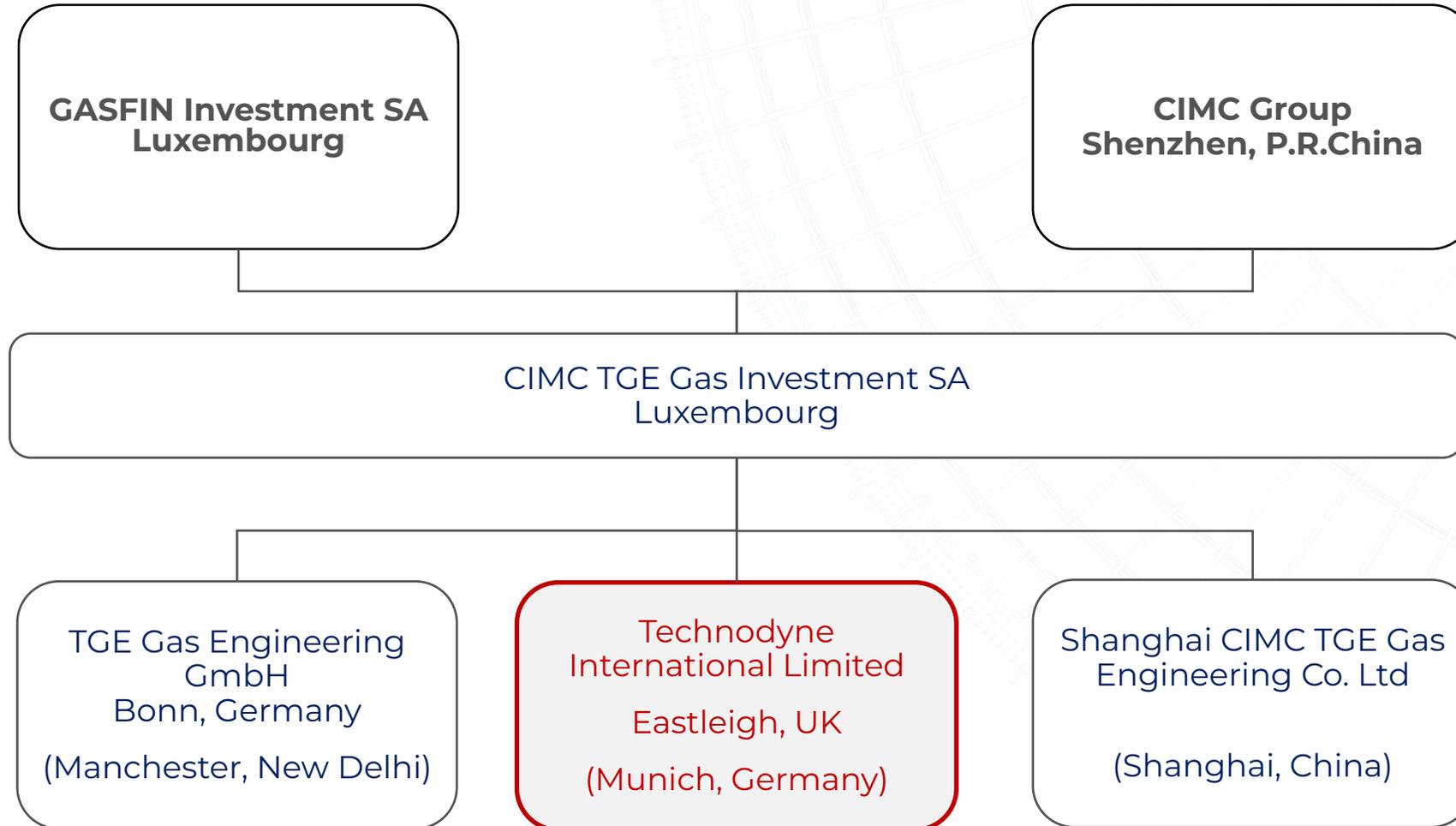
With a dedicated team of over 40 skilled engineers, project managers, and administrators.

We operate from two strategic office locations in Eastleigh, UK (HQ) and Munich, Germany.

Our expertise and collaboration drive innovative solutions, ensuring excellence in every project we undertake.



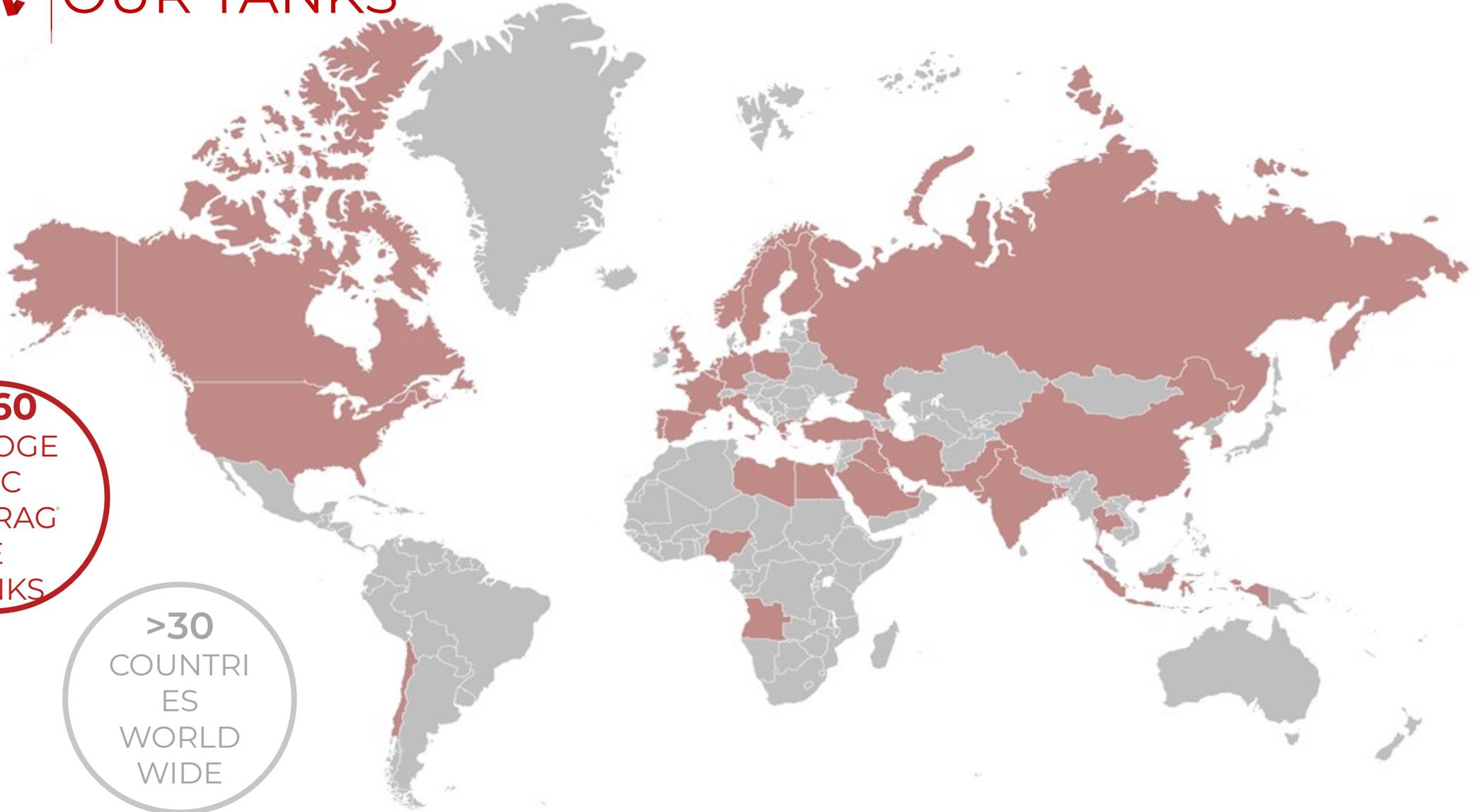
# CORPORATE STRUCTURE



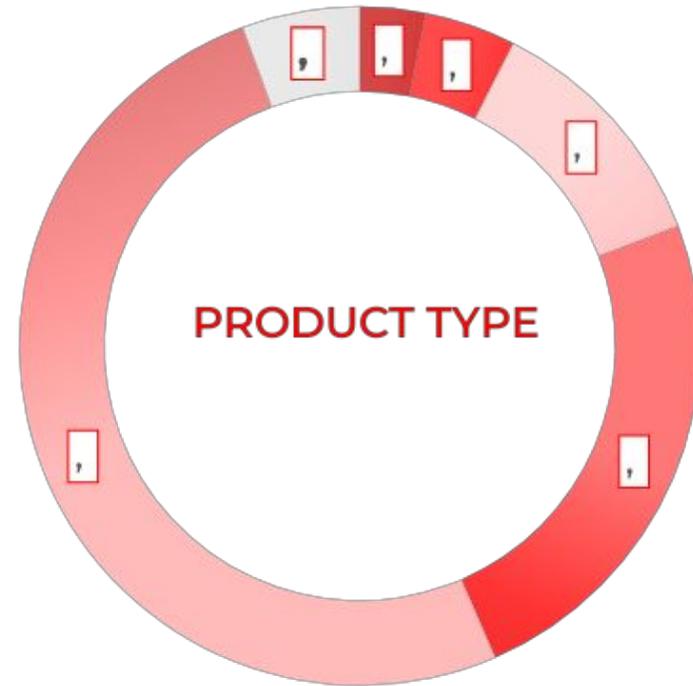
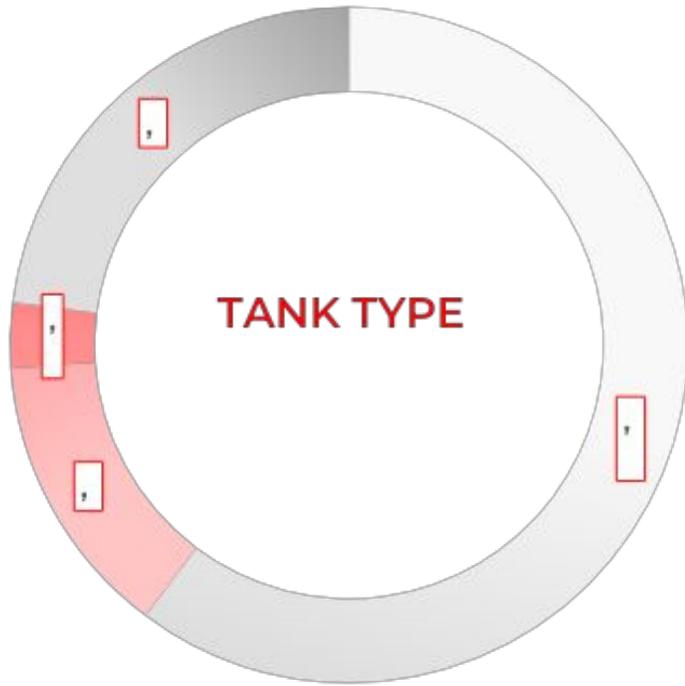
# OUR TANKS

**>160**  
CRYOGENIC  
STORAGE  
TANKS

**>30**  
COUNTRIES  
WORLD  
WIDE



# OUR TANKS





# CLIENTS





# TECHNODYNE INTERNATIONAL LTD

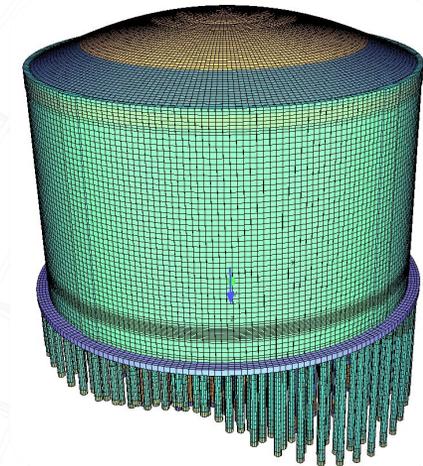
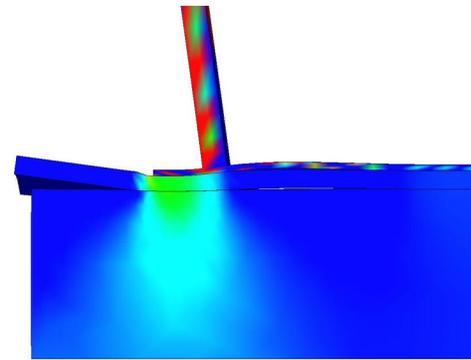
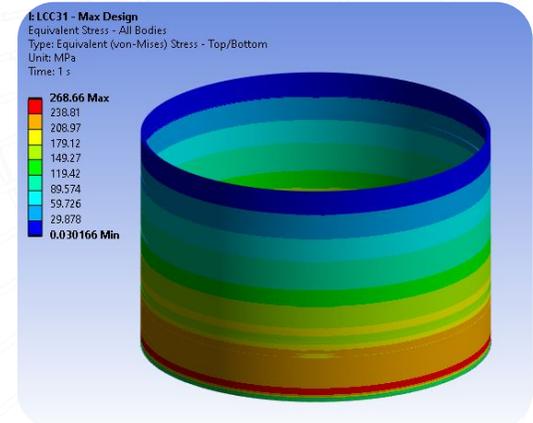
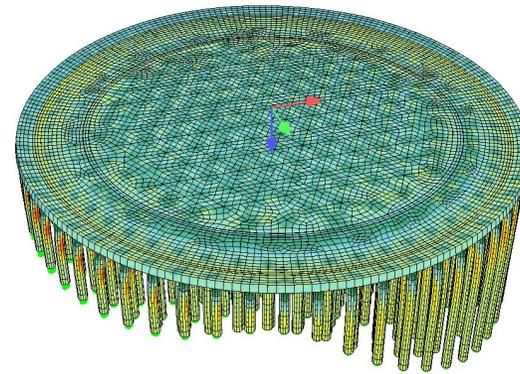


ENGINEERING

Technodyne International Ltd have a world leading, experienced team of mechanical, civil and structural engineers.

We have extensive experience in the major international tank design codes including the European suite of tank codes (EN 1473, EN 14620), the American suite of codes (API 625, API 620, API 650, ACI 376, ACI 350) and international structural codes (EC2, EC3, ASCE 7, AISC 360, ACI 318) as well as knowledge of many local codes and annexes particularly in Canada, China and India.

We have several team members on the international code committees (EN 14620 and ACI 376) to support the continual improvement and advancement of the codes.

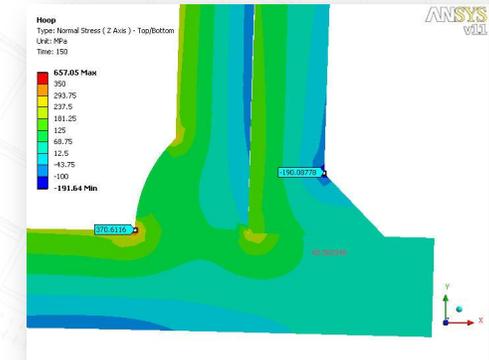
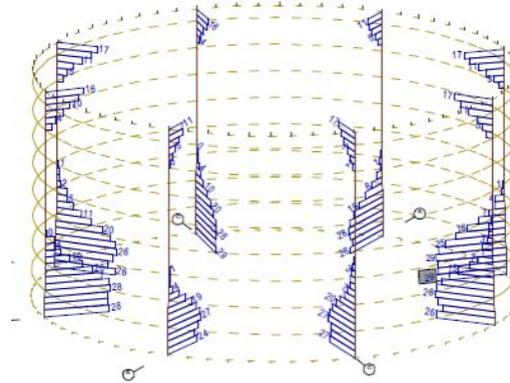
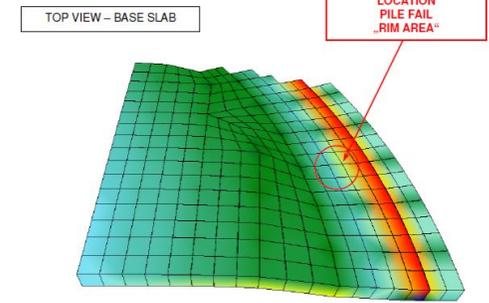
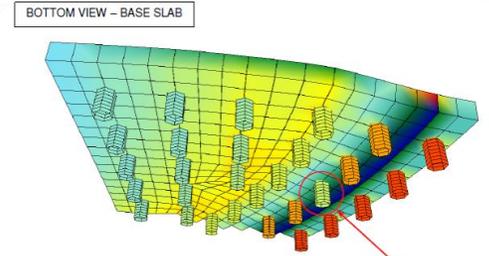
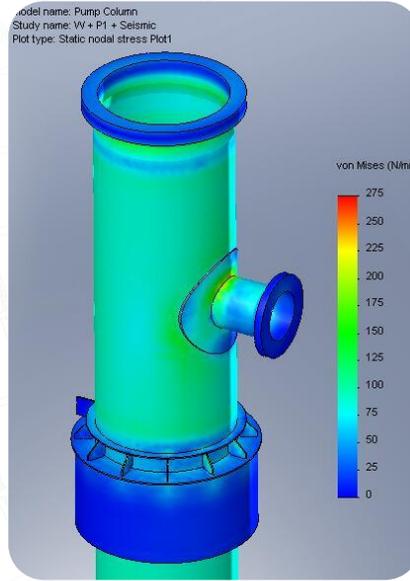
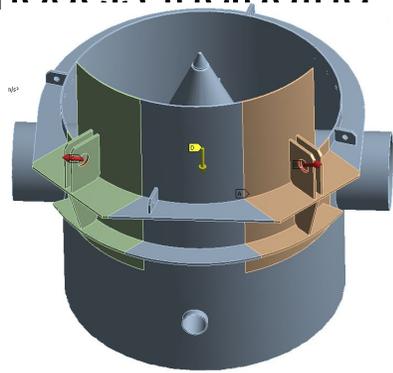




# ENGINEERING

For almost 30 years we have been designing new RLG / cryogenic storage tanks and evaluating existing storage tanks for a range of petrochemicals and hydrocarbons, including **Ammonia, Butane, Propane, LPG, Propylene, Ethane, Ethylene and LNG.**

Our engineering teams produce an efficient and code compliant design with detailed specifications, test plans, calculations, analytical models including finite element analysis.





# TECHNODYNE INTERNATIONAL LTD

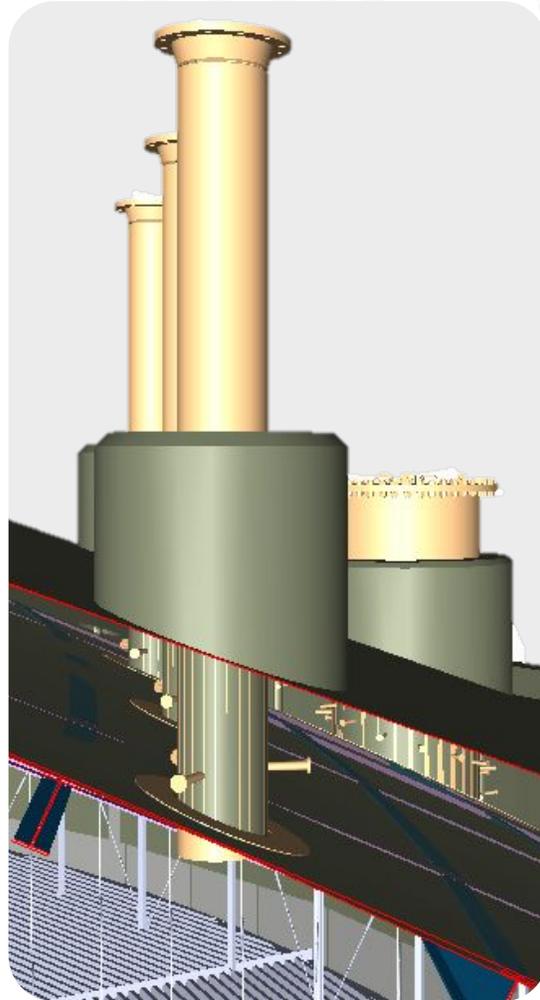


COMPUTER AIDED DESIGN

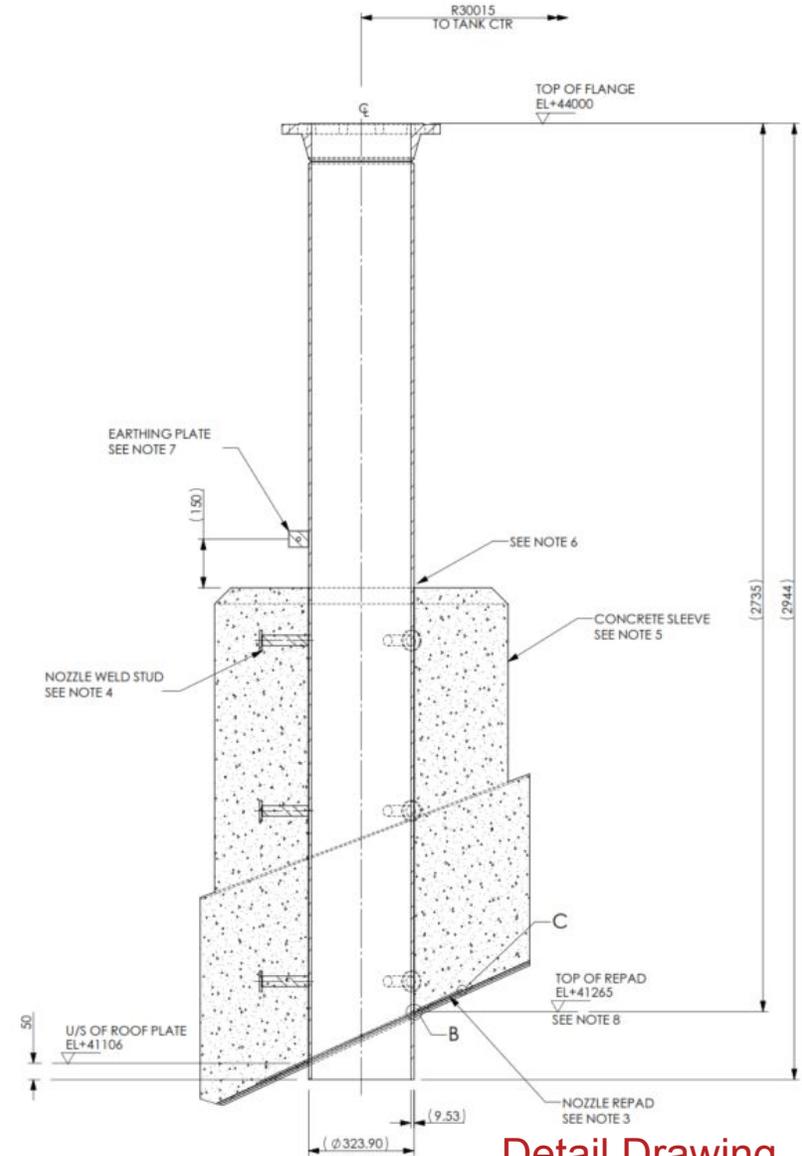
Our CAD team utilises the latest 3D modelling tools and output high quality detail drawings which consider constructability, material efficiency and code compliance.

We can produce drawings at all levels from concept and arrangement drawings through to shop level fabrication and detailed design drawings to suit our customer's needs and requirements.

Our experience and attention to detail ensures clients always receive the highest levels of safety and reliability in our solutions for their storage requirements.



3D Model



Detail Drawing



# TECHNODYNE INTERNATIONAL LTD



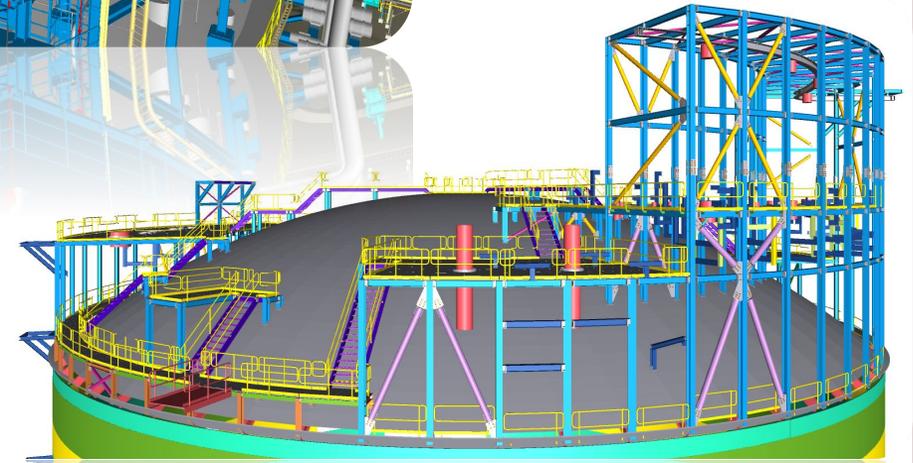
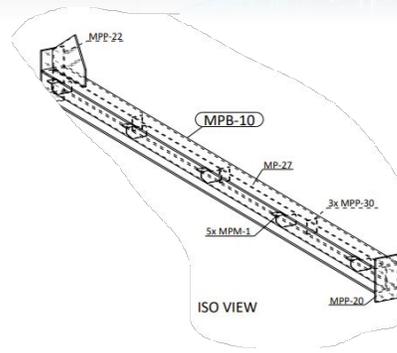
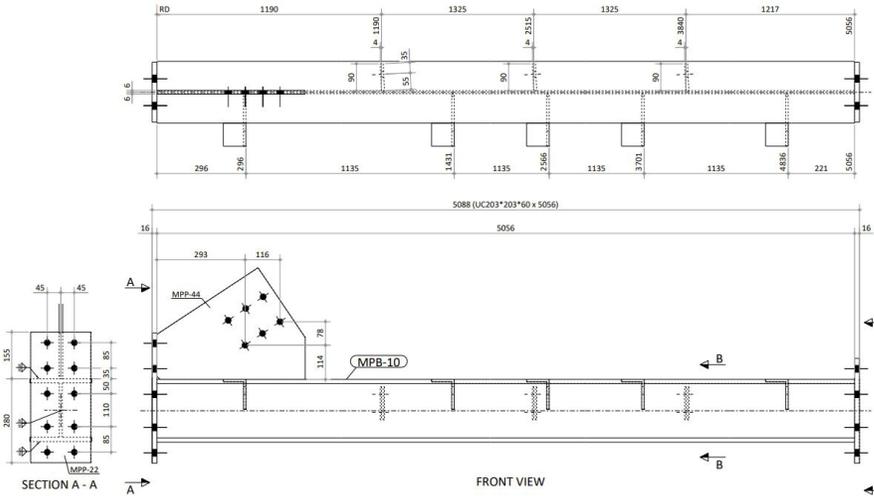
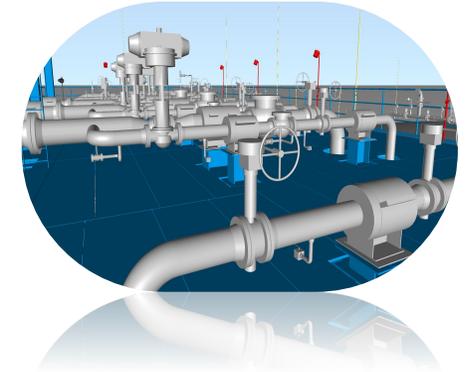
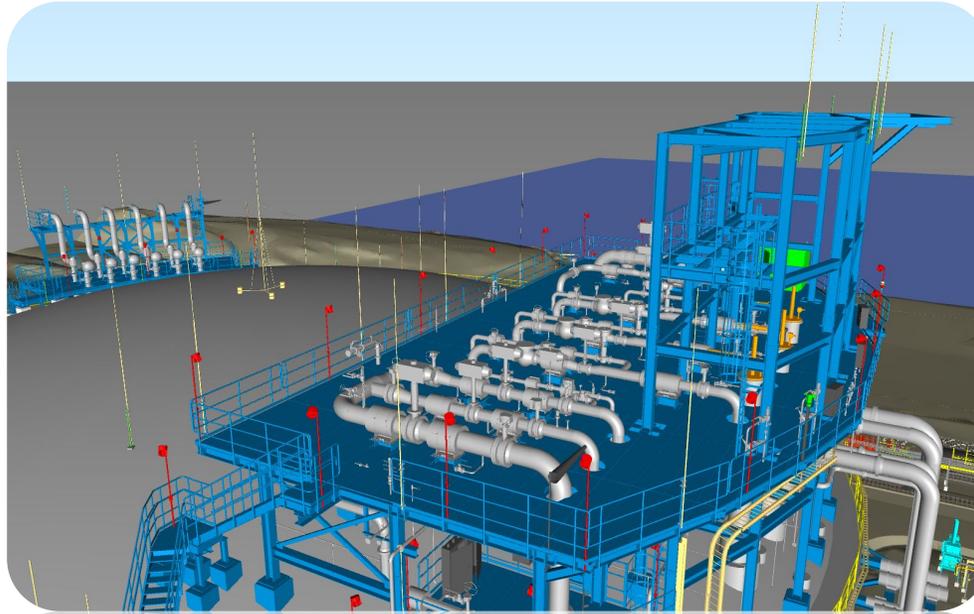
## PIPING & STRUCTURAL ENGINEERING

a member of **TGE / CIMC** group



# PIPING & STRUCTURAL ENGINEERING

Our team delivers high-quality GA, fabrication, shop, and piping drawing packages—including full isometrics to the 5 m battery limit—bringing all tank engineering disciplines together for smoother coordination and greater efficiency





# TECHNODYNE INTERNATIONAL LTD



## ENGINEERING SERVICES

a member of **TGE / CIMC** group

Technodyne International offers a full range of services for design, maintenance and repair of RLG / cryogenic storage tanks throughout a tanks design life and beyond. From the initial concept, through design and construction services and then through the tank life whether it be maintenance, inspection, repair, trouble-shooting, and life extension.

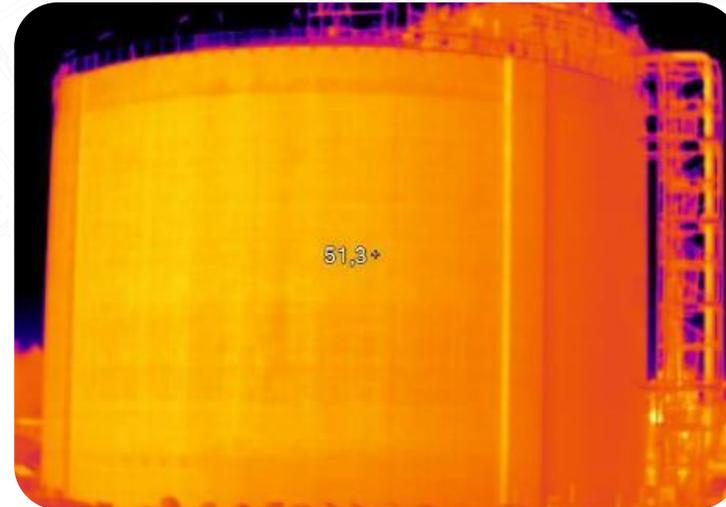
As experienced designers, we will develop the tank design from concept through FEED to detail design. Should it be required that additional functionality is required or a change in storage product. We have experience of and can provide tank repurposing and modification services.



As Owner's Engineer, we bring our extensive knowledge to ensure that the both the owner's specification is met by the main designer / EPC and the finished tank is of required quality and code compliant. We can also offer expert services during either the tank design, construction or operation phases.

## DESIGN

We offer tank rehabilitation and renovation services. With EEMUA159 qualified tank assessors, we can review and assess the state of the tank and provide recommendations to bring the tank into a safe and operable condition. We also offer trouble-shooting services for when things do not go according to plan. Whether it is to identify the underlying issue or develop a solution, you can be assured to find a fix to get the tank back into safe and reliable service.





# OUR DESIGN TOOLS



**MicroStation**  
CONNECT Edition



**HEXAGON**  
PPM



**Tekla**  
Structures



Microsoft 365

**Bentley**



STAAD.Pro



ENSOF, INC.  
**LPILE**



**Ansys**

**ALLPLAN**  
A NEMETSCHKE COMPANY



AutoCAD



**SOFiSTiK**





EXAMPLE TANKS

# EXAMPLE TANKS - LNG



**Tank Type:** Full Containment Steel – Concrete

**Design Code:** EN14620

**Product:** **LNG**

**Capacity:** 160,000m<sup>3</sup>

**Country:** China



**Tank Type:** Full Containment Steel – Concrete

**Design Code:** EN14620

**Product:** **LNG**

**Capacity:** 150,000m<sup>3</sup>

**Country:** Portugal

# EXAMPLE TANKS – Ethane, Butane



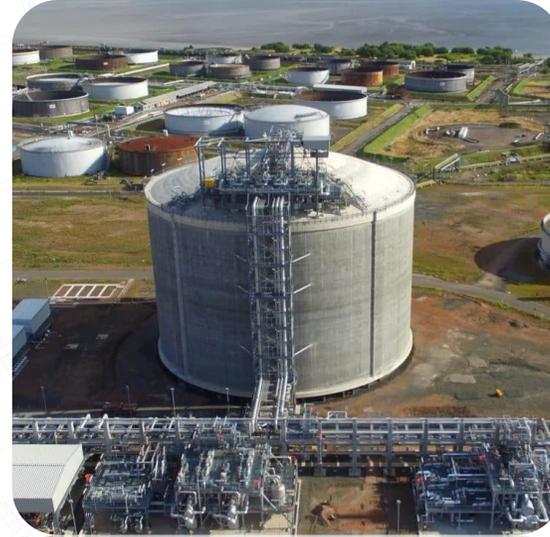
**Tank Type:** Full Containment Steel – Concrete

**Design Code:** EN14620

**Product:** **Butane**

**Capacity:** 135,000m<sup>3</sup>

**Country:** Belgium



**Tank Type:** Full Containment Steel – Concrete

**Design Code:** EN14620

**Product:** **Ethane**

**Capacity:** 60,000m<sup>3</sup>

**Country:** United Kingdom

# EXAMPLE TANKS – LPG, Ammonia



**Tank Type:** Double Wall Full Containment – Steel / Steel

**Design Code:** API620, API625

**Product:** Ammonia

**Capacity:** 14,600m<sup>3</sup>

**Country:** India



**Tank Type:** Full Containment Steel – Concrete

**Design Code:** API620, API625

**Product:** LPG

**Capacity:** 25,800m<sup>3</sup>

**Country:** India



# CONTACT US



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Hampshire, UK



+44 23 8602 9929



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[www.Technodyne.com](http://www.Technodyne.com)



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