



Enprox Overseas Overview



The Future of Energy Projects Intelligent Delivery

Enprox Overseas



WHO WE ARE

Enprox was founded to address the shortage of engineering services outsourcing in the Global Energy Market. Enprox core business is in the Engineering and Project Management. Our Industry knowledge, expertise and experience enable us to identify and resolve problems without bias or prejudice.



WHAT WE DO

Design, Develop and successfully Deliver energy projects by providing engineering, consultants, procurement services, construction management, project & program management, capital finance finding, & feedstock/offtake marketing



WHO WE SUPPORT

Energy Sector Stakeholders such as IOC, NOC, Owners, Investors, Developers, EPC contractors, OEM suppliers, O & M operators, Traders, Energy Producers / Retailers and any organization that want to play a significant role within energy sector.



HOW WE SUPPORT

Simply we turn ideas into profitable projects with help of our global professional team, specialized partners and own solutions. Based on our 3R (Risk / Reward / Resource) model, we assign resources that can deliver projects ahead of schedule and on budget with exceptional quality.

Vision, Mission, Values & Differentiators

VISION

Enprox Overseas strives to be the world's premier & customers first choice for Energy Projects online smart Development, Design, & Delivery.



MISSION

Enprox Overseas focus on creating superior value for our customers, satisfying careers for our people, earning a fair return on the value we deliver.



CORE VALUES

Teamwork | Honesty | Excellence
Commitment | Professionalism
Ownership | Recognition |
Innovation | Personal
Development



DIFFERENTIATORS

- First class delivery with local cost
- Focus on long term client relation
- Full asset life cycle expert support
- Fast Execution with Zero Harm.



Product & Services Overview

Project Development



Project Management



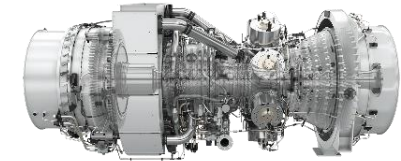
Engineering



Procurement



Construction



Surplus Material

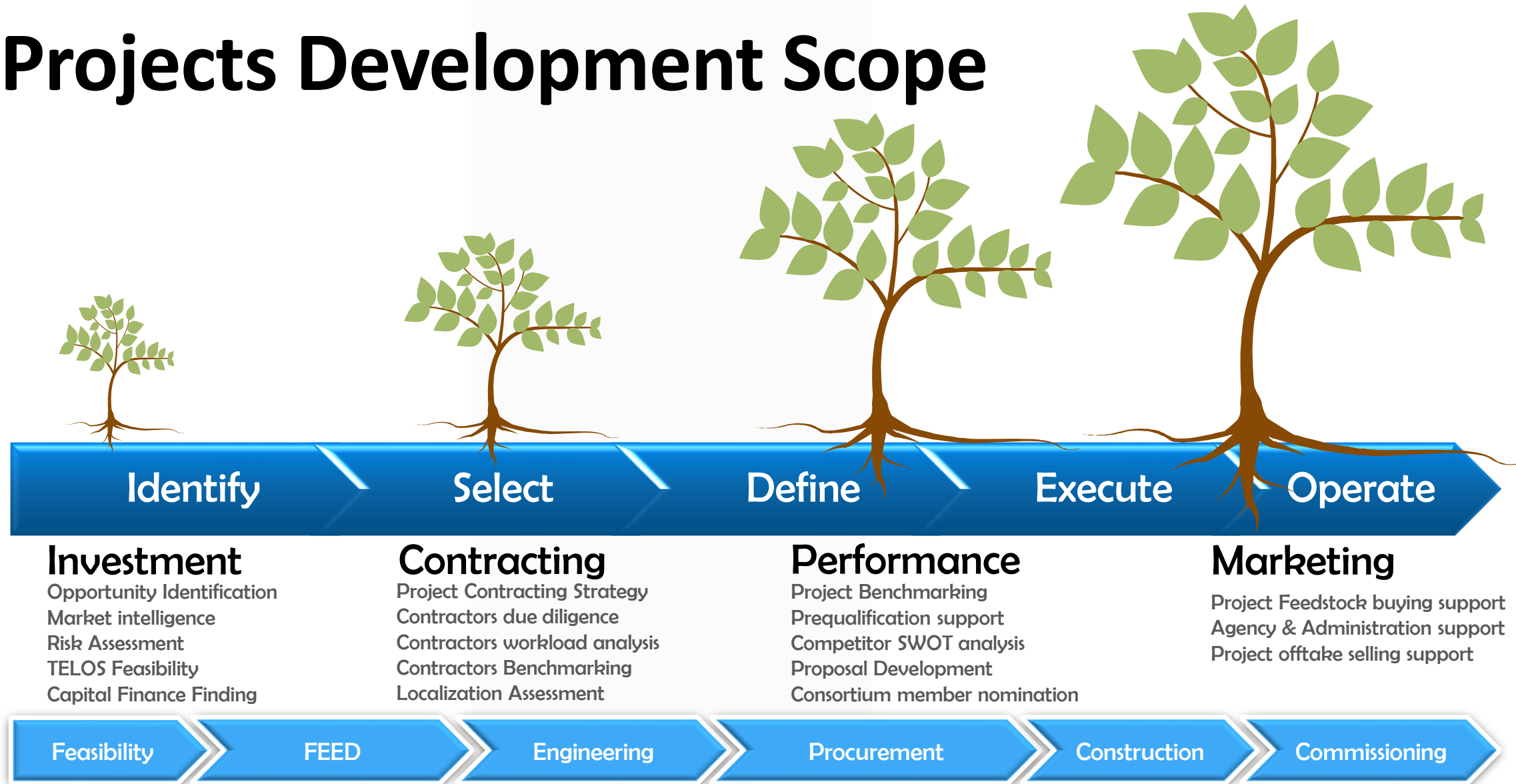


Clean Tech Energy



Training & Development

Projects Development Scope



Clean Energy Technology Scope



Wind Energy



Solar Energy



BioGas



Tidal Energy



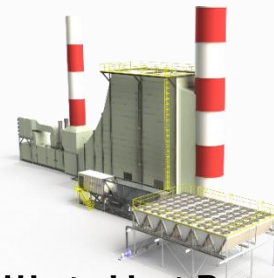
Geothermal Power



H2 - Generation



Energy Efficiency (DSM)



Waste Heat Recovery



Modular Refinery



Solid Waste to Energy



Oil & Gas Upstream



Oil Enhanced Recovery



Gas Enhanced Recovery



Oil & LNG Terminals



Small Scale LNG

REFINERY PROFIT MAXIMIZATION

REFINERY CONTINUOUS CATALYTIC REFORMAT (CCR) OPTIMIZATION SOFTWARE (OFF-LINE)

Continuous Catalytic reforming (CCR) is a chemical process that converts petroleum refinery naphtha distilled from low-octane into high-octane liquid products called reformates, which are premium blending stocks for high-octane gasoline. The process partially dehydrogenates paraffins, iso-paraffins, and cyclic naphthene and converts them into high-octane aromatics. Catalytic Reforming can have a significant impact on the refinery economics. How do you make sure that you operate the existing CCR assets at their maximum productivity given the changing demands and conditions? Optimization with ENPROX software helps to increase product yield and / or Octane number and extend catalyst lifetime.

Advantages

- Highest degree of CCR unit performance optimization*
- No upfront investments due to results-based fee model*
- Applicable to multiple types of CCR units*
- Continuous and stable production process throughout the optimization project*
- Flexible service offer*



IMPROVE OCTANE NUMBER | INCREASE OUTPUT YIELD 1%-8% | EXTEND CATALYST LIFE BY 50%-100%

MINI LNG TECHNOLOGY

MINI LNG PLANT FOR FLARE GAS COMMERCIALIZATION

- *The modified absorption refrigeration process can achieve operating pressures as low as 5 kPa which results in the ammonia gas chiller operating temperatures as low as -75 degrees Celcius.*
- *There is a broad range of applications:*
 - *CCS (Carbon Capture & Storage)*
 - *LNG production*
 - *LNG re-liquefaction on-board ships or land-based storage*
 - *Gas processing refrigeration for ethane, propane and/or NGL recovery*
 - *Air Separation Units*
 - *Oil refineries can benefit from additional refrigeration, especially in:*
 - *Alkylation units for reaction cooling*
 - *LPG Recovery units*
 - *Air blower limited FCC units*
 - *Petrochemical complexes where a cold box or process chilling is required*
 - *Mining or other industrial applications requiring cooling/refrigeration*
 - *An example of a potential co-location application would be a small to mid-scale LNG facility beside a large natural gas-fired power facility*



LNG ISO TANK

SMALL SCALE LNG

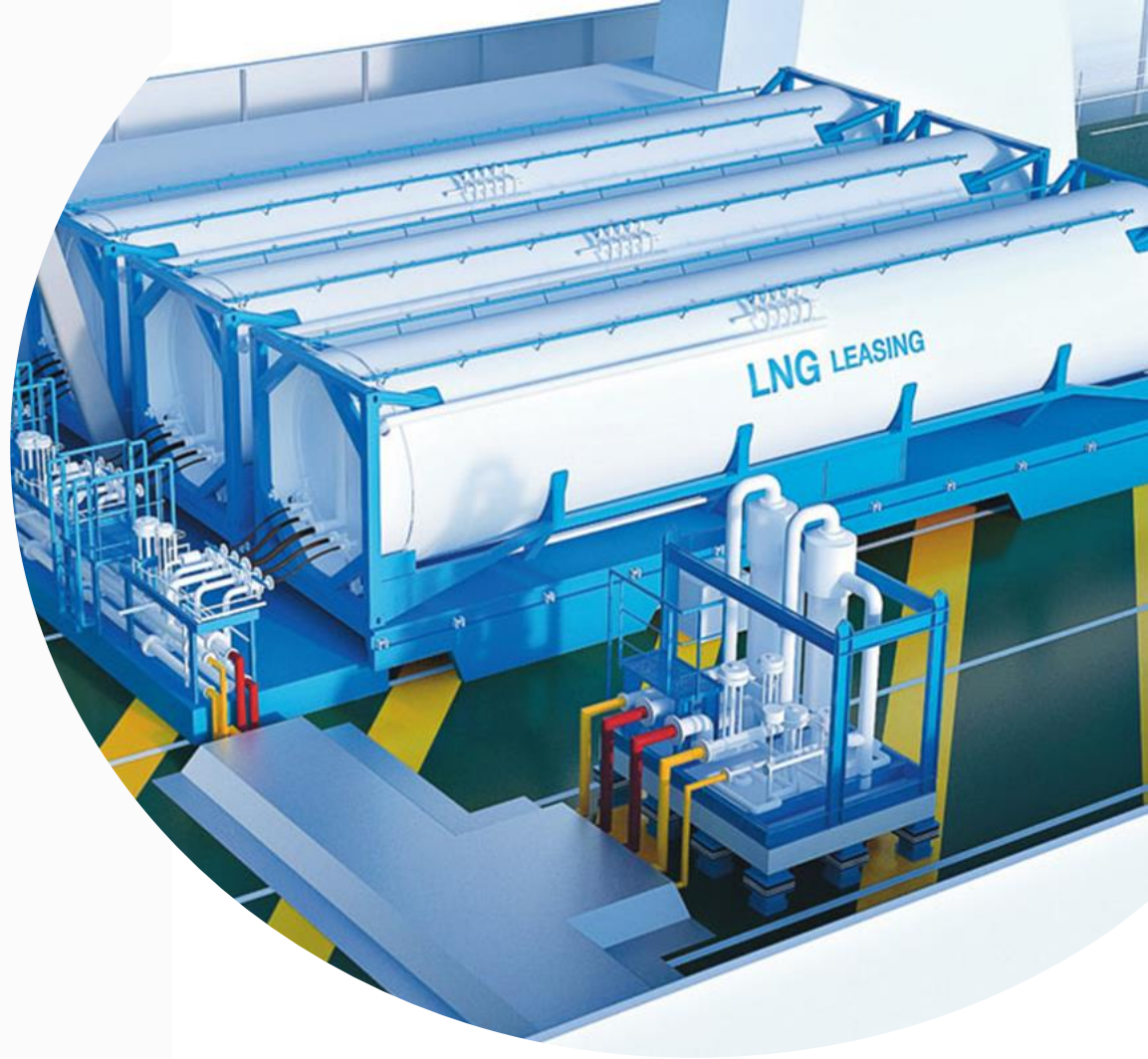
TRANSPORTATION AND

REGASIFICATION

Patented LNG Containers allow the use of existing global infrastructure for handling of ordinary shipping containers in the new and booming LNG energy distribution market. This solution is considerably more cost-efficient than current high-pressure LNG containers.

Considerably more cost-efficient LNG containers and their ability to utilize existing handling equipment in harbours, at sea on ordinary container vessels and for land transport for container trucks are bringing about a new dawn for environmentally friendly energy. The usage of LNG no longer requires extremely expensive purpose-built vessels and large special storage solutions. Thanks to the modularity and scalability of orders, transportation, storage and distribution, LNG is now accessible to a much larger customer group. Thanks to its direct gas outlet, the unit is easy to plug in to the consumer's gas system.

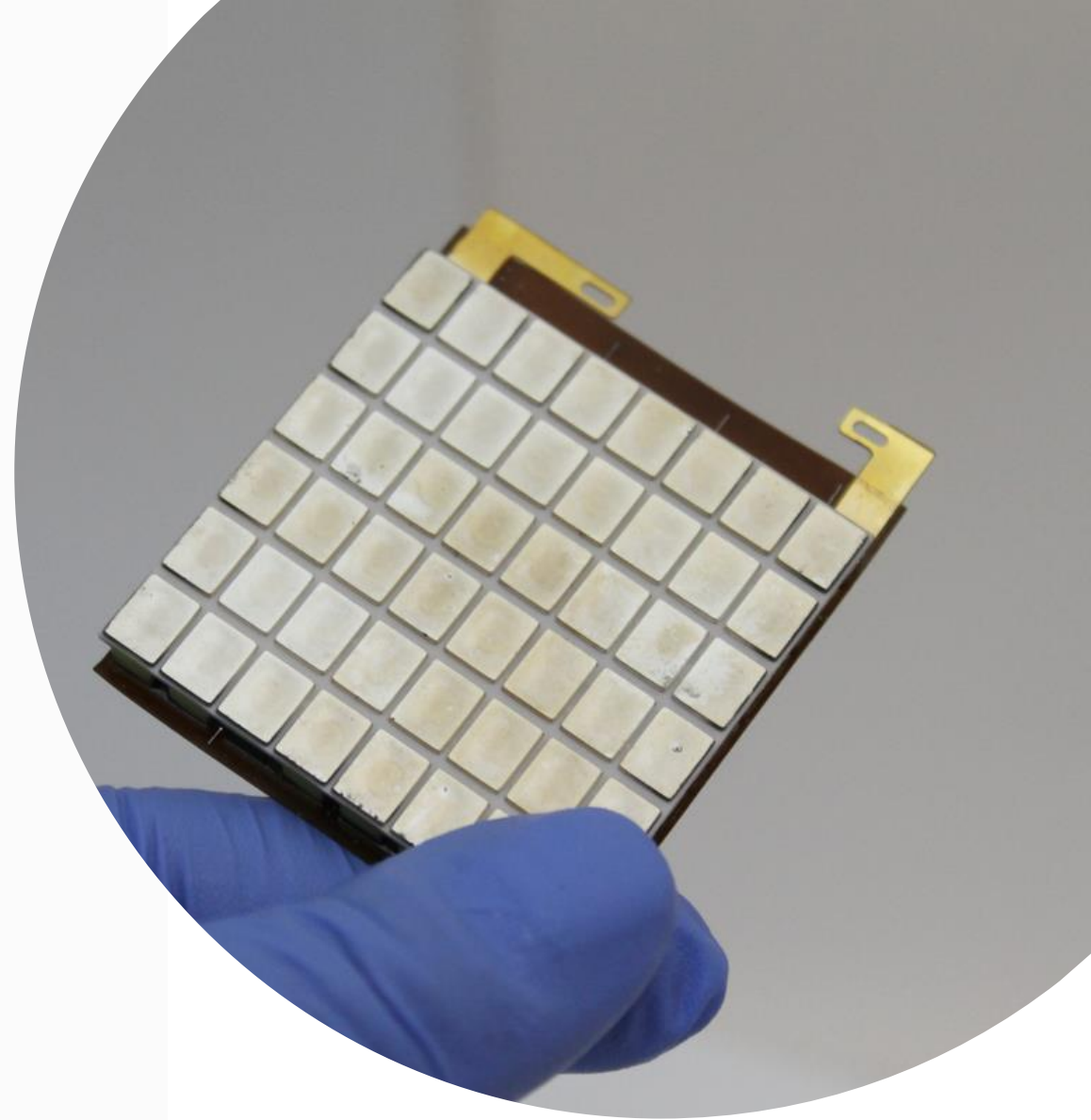
- World's largest cargo capacity in its class | Low weight | Long holding time
- Fast loading even with warm tanks | Remote monitored and controlled unit
- Designed for mass production



WASTE HEAT TO ENERGY

TEG TECHNOLOGY

- *High efficiency TEG at low cost, and in a temperature range of 250°C – 600°C that opens up opportunities not served by the current materials. Can we say with 100% certainty that no other company can make the same claim? No, but what we can say is that all of our current partners and customers (including two US Government labs, both experts in the field) tell us that no-one else has delivered prototype devices that come close to matching our partner products in terms of performance, durability and commercial viability.*
- *Every power plant generates substantial amounts of waste heat, a certain amount of which is not recoverable using current technology. As with other waste heat recovery applications, using our partner TEG device to access and convert this heat would allow energy producers to significantly boost their output, with little effect on overall operating costs.*



WASTE PLASTIC TO ENERGY

PYROLYSIS PROCESS

- *Our Partner has engineered a solution to responsibly, and economically recover energy from the burgeoning waste management challenges that our society are facing today.*
- *Our Partner Technology is the pioneering process of recovering energy from unrecyclable plastic, end-of-life tires and other waste streams through small scale gasification into an energy rich clean syngas (synthetic gas similar to natural gas) from which electrical power and hydrogen can be produced.*
- *The outputs from the Technology can be built to suit customer needs such as:*
 - *Energy rich syngas with chemical precursors for industry*
 - *Electrical Power*
 - *Heat or Cooling*
 - *Road fuel quality 99.999% pure hydrogen*



ENHANCED OIL RECOVERY

- *Enhanced oil recovery (EOR) technologies aim to recover billions of barrels already discovered, yet historically beyond reach.*
- *With such huge potential, Enprox professionals focus on out of the box EOR technologies, which they believe could create a new class of project assets and be comparable in importance to game-changing technologies.*



ENERGY ASSETS RELOCATION

POWER

- *Sale and relocation of redundant Energy Assets (power plants / Refinery). Most of the leading utilities benefit from our experience, worldwide network and decades of relocation know-how.*
- *Enprox offers a complete relocation package, from the creation of an asset relocation plan to the management, packaging and transportation of plant components through the supply chain. In case asset recovery is needed, we can initiate repairs, refurbishment and ensure overall system compatibility.*
- *Avoid miscommunications by appointing one single relocation manager*
- *Reliable relocation professionals*
- *Efficient and safe dismantling*
- *Optimal reassembly of your equipment at new location*
- *Decide on investment with confidence*



Market Sectors & Clients



Oil & Gas
Upstream

Oil & Gas
Midstream

Power

Refinery

Petrochemical

IOC/NOC /PPP/IPP

EPC /OEM/CC

Technology Providers

Our Expertise



Delivery Contract Process



Thank you

QUESTIONS?