

- Full dimensional range of plate products for demanding services
 - thickness range from 5 to 500 mm
 - capacity to supply prefabricated pieces

- Specially adapted steel grades for improved safety, catering for all stages of the gas chain:

Corrosion resistance in sour gases and marine environments

- Solid and clad steels for flowlines and process equipments
- Austenitic and superaustenitic stainless steels
- **UR**[®] high strength duplex and superduplex stainless steels
- **Supermax** weldable 13CrNi martensitic stainless steels



High strength

- **SuperElso**[®] CR series special high strength steels for demanding offshore structural applications like jack-up legs
- **SuperElso**[®] HIC resistant special high strength grade for deep subsea equipments and topsides
- **Mecasteel** high strength steels for blow out preventers, mud pumps, frac pumps, etc...



LNG tank under construction for RasGas co Ltd by AMI in Qatar

Low temperature resistance

- **CryElso**[®] series Ni alloyed very high toughness cryogenic steels for liquid gas storage



Hydrogen resistance

- **CarElso**[®] HIC & SOHIC series CMn with excellent weldability and low temperature toughness for sour service applications and gas treatment
- **CromElso**[®] series CrMo for high pressure and temperature creep resistant steels



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Special steel plates
 to serve the entire gas chain

Products designed to serve the entire gas chain

OFFSHORE / SUBSEA / ONSHORE PRESSURE EQUIPMENT

Plates for separators, scrubbers, slug catchers, contactors, absorbers...

- CarElso® HIC and SOHIC CMn steels
- SuperElso® 500 HIC weldable high strength steel, available with 316L, 904L, 825 or 625 cladding
- Duplex 2205, Superduplex 2507

GAS TREATMENT VESSELS

Plates for separators, scrubbers, contactors, amine absorbers

- CarElso® HIC and SOHIC CMn steels
- In solid or clad plates
- CryElso® 9Q high toughness nickel steel plates

NATURAL GAS LIQUIDS (NGL)

Plates for storage and processing facilities, ethylene plants and liquefied gas storage

- P355, SA662
- CarElso® Series CMn steels
- CryElso® 9Q for ethylene tanks
- CryElso® 1.5 or 3.5 for LPG tanks

COMPRESSORS AND LIQUEFACTION TRAINS

Plates in high thickness austenitic stainless steels or 9% nickel steel, for liquefaction vessels

- 304N / 304LN / 316L / 316LN stainless steels
- Thick CryElso® 9Q plates
- CryElso® 3.5 high toughness nickel steels for compressors bodies

CRYOGENIC LNG PIPES

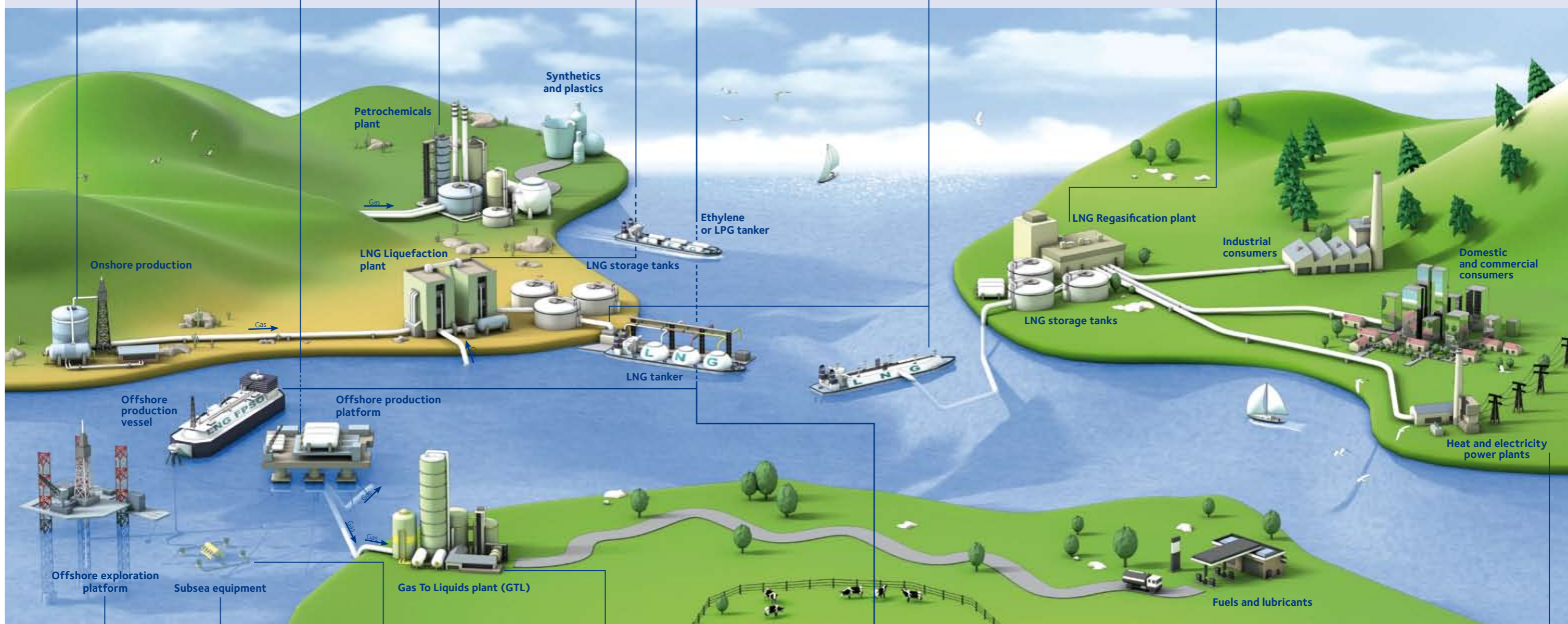
Plates for welded pipes for traditional lines, pump columns, straight sections and subsea pipes

- 304 (L) / 316 (L) / 321 stainless steel
- CryElso® 9Q high toughness nickel steel plates for pump columns, straight sections and subsea pipes

LIQUEFIED GAS STORAGE

Plates for large and small cylindrical, spherical and bullet shaped tanks

- CryElso® Series high toughness nickel steels
- CryElso® 9Q for LNG and ethylene tanks
- Prefabricated, pre-welbed, preshaped, prebevelled plates to simplify on-site construction



OFFSHORE DRILLING

Finished leg components: welded racks and chords, rack chocks for jack-up rigs

- SuperElso® 690 CR weldable high strength steel
- SuperElso® 830

WELL HEAD EQUIPMENT

Plates and blocks for blow out preventers (BOP), mud pumps, frac pumps

- Mecasteel 75, 90, 145

FLOW LINES AND RISERS

Plates for welded pipe fabrication

- 2205, 2304, 2202 duplex stainless steels
- Supermax X80 (13Cr)
- Superduplex 2507
- X65/X60 clad with 316L/825/625

GAS TO LIQUIDS (GTL)

Forged plates for tubesheets and CrMo steels for reactors

- CromElso® Series CrMo and CrMoV steels for high temperature hydrogen service
- CarElso® Series HIC and SOHIC CMn steels
- Special austenitic, duplex stainless steels or nickel base alloys for dedicated applications
- 20MnMoNi4-5 for tubesheets

TRANSPORTATION VESSELS AND FLOATING LNG PRODUCTION (FLNG)

Plates for on-board storage and processing equipment, rings for orientation systems of turrets, cranes and azipods

- CryElso® Series high toughness nickel steels for cryogenic processing and storage, CryElso® 5 for ethylene and CryElso® 9Q for LNG and ethylene
- 304L, 304LN, 316LN stainless steels for structural tanks and girders for Moss-type spherical tanks
- Special corrosion resistant and high strength steel solutions for weight limitation and reliability of topside equipment
- SuperElso® 690 for LPG bullet and multilobe tanks

GAS-FIRED POWER PLANTS

Plates for boilers, steam drums, high pressure high temperature pipes and flue gas treatment

- SA299, SA302B, 15NiCuMoNb5-6-4, CromElso® 91, CromElso® 92, duplex stainless steels, superaustenitic stainless steels, nickel base alloys, solid or clad