

## Our sales network

With 40 sales offices in 40 different countries around the world, Industeel stands as one of the foremost international steel makers, with an unmatched capacity of support everywhere around the world



Industeel France

Le Creusot Plant

FRANCE

56, rue Clemenceau - BP 19

F - 71201 LE CREUSOT Cedex

## YOUR CONTACTS

Industeel Belgium

B - 6030 CHARLEROI

Charleroi plant 266, rue de Châtelet

BELGIUM

## Industeel France Châteauneuf plant BP 368 Châteauneuf F - 42803 RIVE - DE - GIER Cedex FRANCE

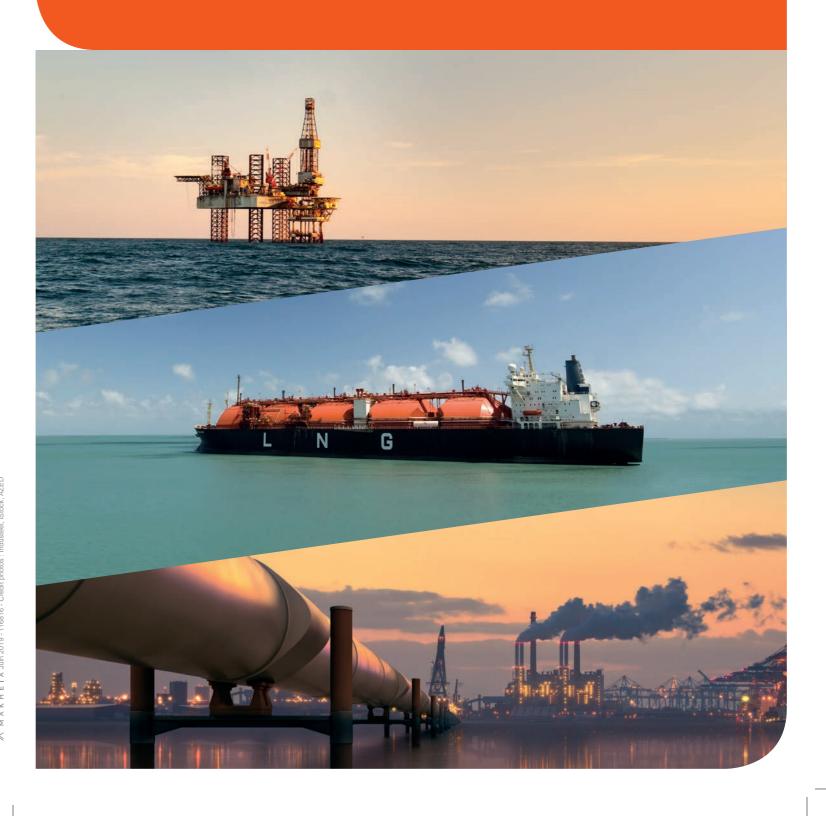
## Tel : + 33 4 77 75 21 41

## transforming tomorrow

All information in this brochure is for purpose of information only. Industeel reserves the right to change its product range at any time without prior notice.

## Industeel

# Special steel solutions to serve the entire gas chain





## Your partner for your projects with stringent technical requirements

More than 150 years of experience of melting, casting, rolling and finishing special steel plates

Technical support for material

The largest size range of plate products

Prefabrication: forming, bevelling bending, painting, cutting

High Level of technical support

R&D fully dedicated to development and optimization of Industeel products for your business

Certified to all major certification and quality systems

Prefabrication and project management

World-class production facilities

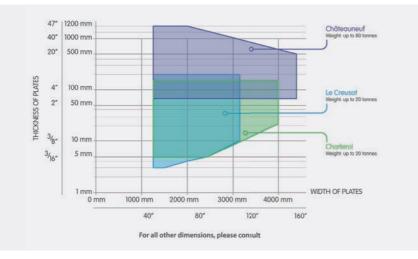
selection and

fabrication





Largest dimensional range worldwide for steels for pressure vessel fabrication



## Full dimensional range of products for demanding applications

- thickness range from 5 to 500 mm (from 3/16" to 20")
- capacity to supply prefabricated pieces

## Tailor-made and costeffective steel solutions meeting requirements for every step of the gas chain:

## Resistance in sour gas and marine environment

- CarElso<sup>™</sup> HIC & SOHIC series CMn with excellent weldability and improved low-temperature toughness for sour service and gas treatment
- SuperElso<sup>®</sup> 533 HIC resistant special high strength grade for deep subsea equipment and topside vessels
- CromElso<sup>™</sup> series CrMo for high pressure and high temperature service
- UR<sup>™</sup> high strengh duplex and superduplex stainless steels
- UR<sup>™</sup> austenitic and superaustenitic stainless steels
- Solid and clad plates for flowlines, risers, and process equipment

## High strength steels for light weight design

- Carbon steels SA537, SA738 grade B
- MnMoNi alloys (SA533 type C, type E class 2)
- SuperElso<sup>®</sup> CR series special high strength steels for demanding offshore structural applications like jackup legs
- Mecasteel<sup>™</sup> high strength steels for blow out preventers, mud pumps, frac pumps, etc...

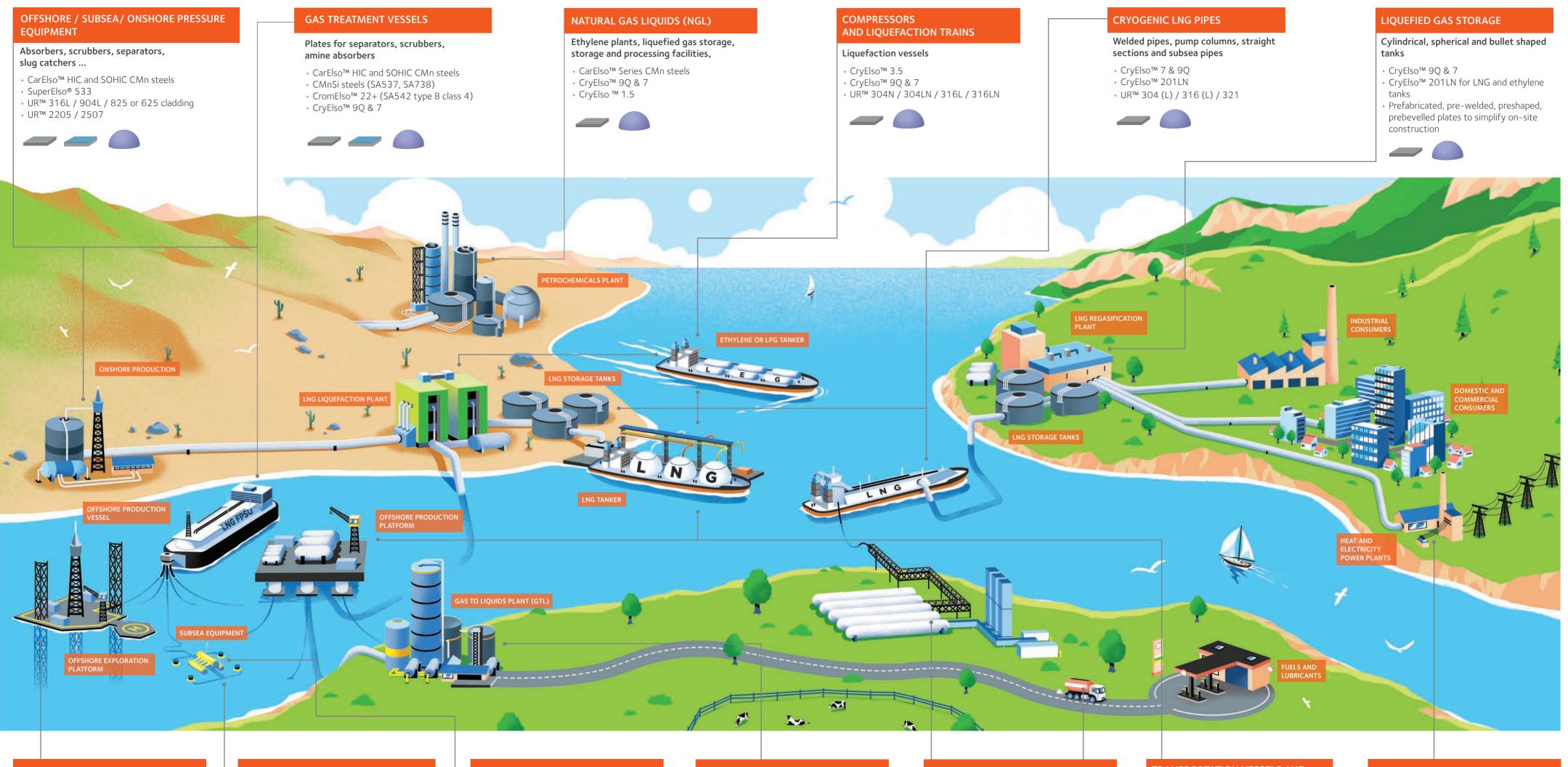
## Cryogenic Service low temperature resistance

CryElso<sup>™</sup> series Ni alloyed high toughness cryogenic steels for liquid gas storage





# Industeel Special steel solutions to serve the entire gas chain



## OFFSHORE PLATFORM

### Jack-up rigs, rack chocks, welded racks and chords, heavy equipment

Clad plates

- SuperElso<sup>®</sup> 690 CR
- SuperElso<sup>®</sup> 830

Plates

- \$355G10+N, \$420G2+Q
- DNV F36, LRS EH36, etc...

## WELL HEAD EQUIPMENT

- Blow out preventers (BOP), frac pumps, mud pumps
- Mecasteel™ 75 /90 /145
- Mecasteel<sup>™</sup> 17-4 / Mecasteel<sup>™</sup> 15-5 /
- Mecasteel™ 39
- UR ™ 28 (1.4563)



## FLOW LINES AND RISERS

### Welded pipe fabrication

- Clad plates X65/X60 with UR™ 316L / 825 / 625
- X65/X60 with UR™ 904L
- UR™ 2205 / 2304 / 2202 / 2507 • UR™ 254



## GAS TO LIQUIDS (GTL)

### Reactors, tubesheets

- CarElso<sup>™</sup> Series HIC and SOHIC CMn steels
- CromElso<sup>™</sup> Series CrMo and CrMoV steels for high temperature hydrogen service
- Special austenitic, duplex stainless steels or
- nickel base alloys for dedicated applications • 20MnMoNi4-5



Prefabrication



## SMALL SCALE STORAGE AND TRANSPORTATION

- CryElso™ 9Q & 7 • CryElso™ 201LN
- UR™ 304LN

## TRANSPORTATION VESSELS AND FLOATING LNG PRODUCTION (FNLG)

## On-board storage and processing equipment

- Alloys SA533 type B/C/E
- SuperElso<sup>®</sup> 690
- CryElso™ Series high toughness nickel steels for cryogenic processing and storage, CryElso™ 5 for ethylene and CryElso™ 7 & 9Q for LNG and ethylene
- UR™ 304L / 304LN / 316LN

## GAS-FIRED POWER PLANTS

Boilers, pipes and flue gas treatment, steam drums

- CromElso™ 91 & 92,
- SA299, SA302B, 15NiCuMoNb5-6-4,
- UR™ 2205 / 2507, 6%Mo, UR™ 276
- UR™ 625 grade 2, SIRIUS™ 815, SIRIUS™ 310S

