

designed to serve the entire oil chain

PETROCHEMICAL PLANT
Methanol, ethylene, ammonia, urea, GTL...

- CarElso® Series CMn steels
- CromElso® Series CrMo steels
- Special stainless steels (25.22.2 urea...)
- Clad plates (410S, 321, 347, 316L...)
- Forged plates for tubesheets

POWER GENERATION
Boilers, heat exchangers, FGD treatment...

- Boiler grades: A299, A302B
- Steam piping: CromElso® 91 & 92
- FGD: Duplex, super-austenitic
- Heat resistant alloys: 800H, 825

Heat and energy production

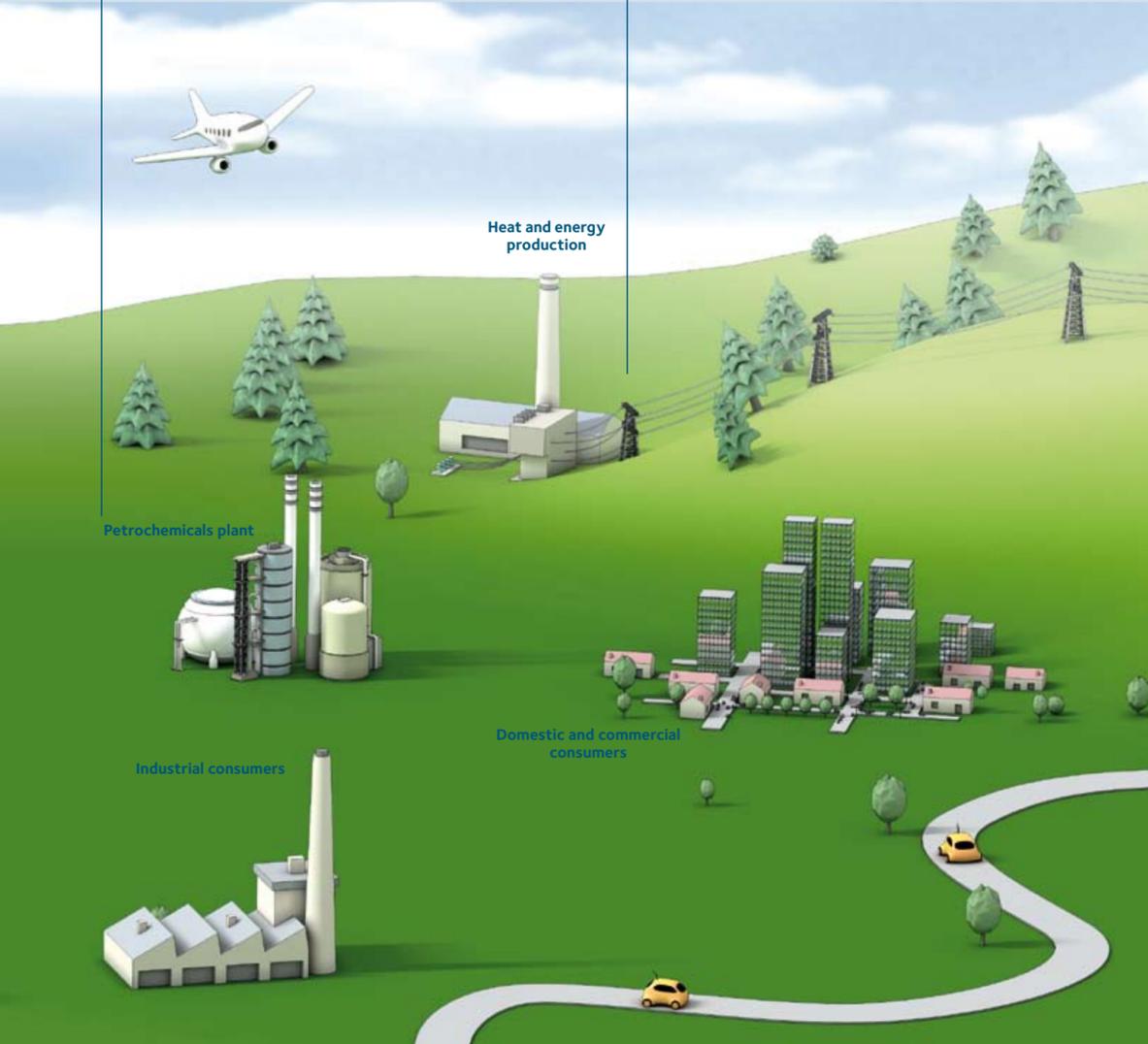
Petrochemicals plant

Domestic and commercial consumers

Industrial consumers

PLASTIC INJECTION MOLDS
Automotive, household and electronics appliances

- Superplast®
- 2311, 2312, 2738...




ArcelorMittal



• Industeel provides a full range of tailor-made steel plates for the most severe service conditions (sour gas, low temperature, high pressure, high temperature, hydrogen service...).

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Special steel plates
 to serve the entire oil chain

Mekheila Affinity_04.78.33.99.00 - Septembre 2012

Plates & prefabricated components designed to serve the entire oil chain

OFFSHORE / SUBSEA / ONSHORE PRESSURE EQUIPMENT
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

UNCONVENTIONAL OIL Mining

- Creusabro 4800, 8000

Transport

- CLC 4003, duplex 2202

UPGRADING
Gas treatment

- CarElso® Series CMn steels
- CarElso® HIC Series for severe sour service

Heavy crude processing

- CromElso® Series CrMo steels
- Highly alloyed corrosion resistant steels
- Clad plates (410S, 321, 347, 316L...)

ATMOSPHERIC AND VACUUM DISTILLATION

- CarElso® Series CMn steels
- CromElso® Series CrMo steels
- Clad plates (410S, 321, 316L...)
- Stainless steels

GAS TREATMENT
Amine absorbers, separators

- CarElso® Series CMn steels
- CarElso® HIC Series for severe sour service
- Clad plates

TRANSFORMATION AND SEPARATION PROCESSES
Catalytic reformer, alkylation, isomerisation, catalytic cracking (FCC)...

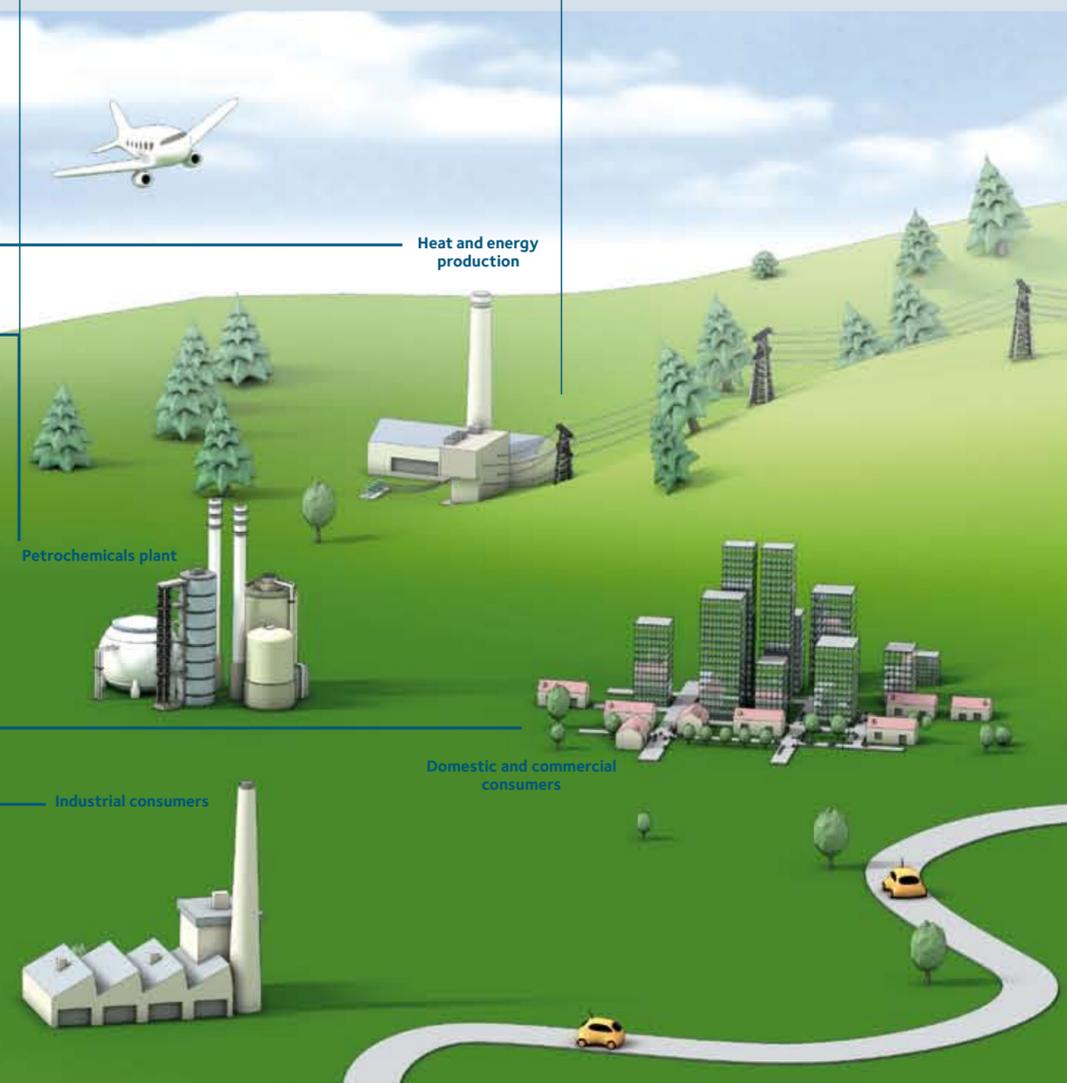
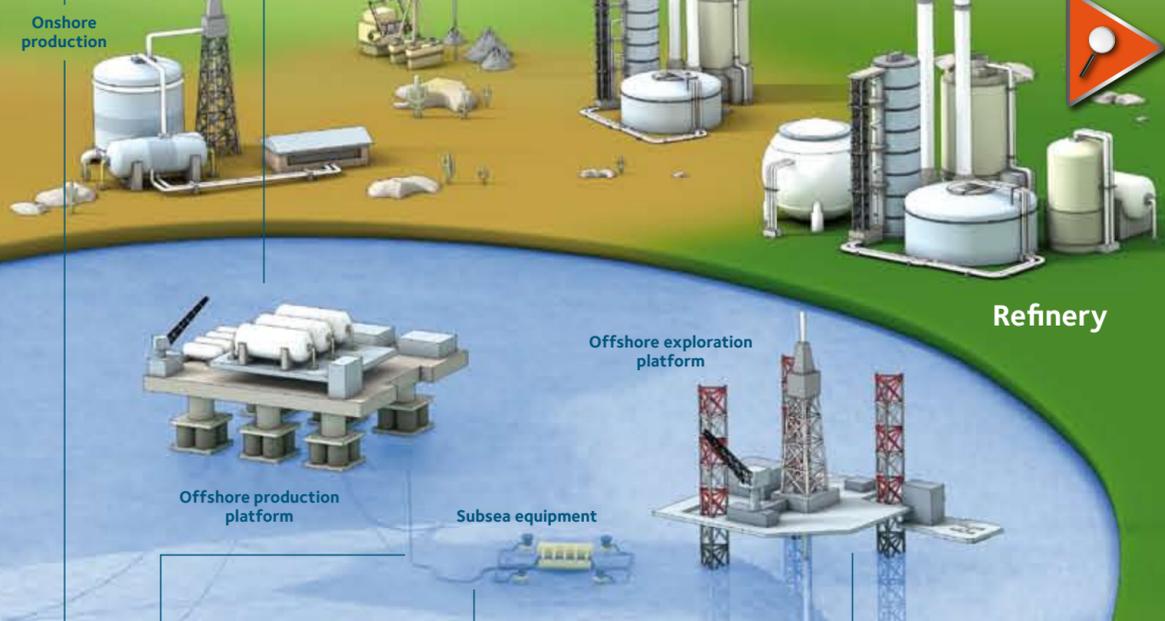
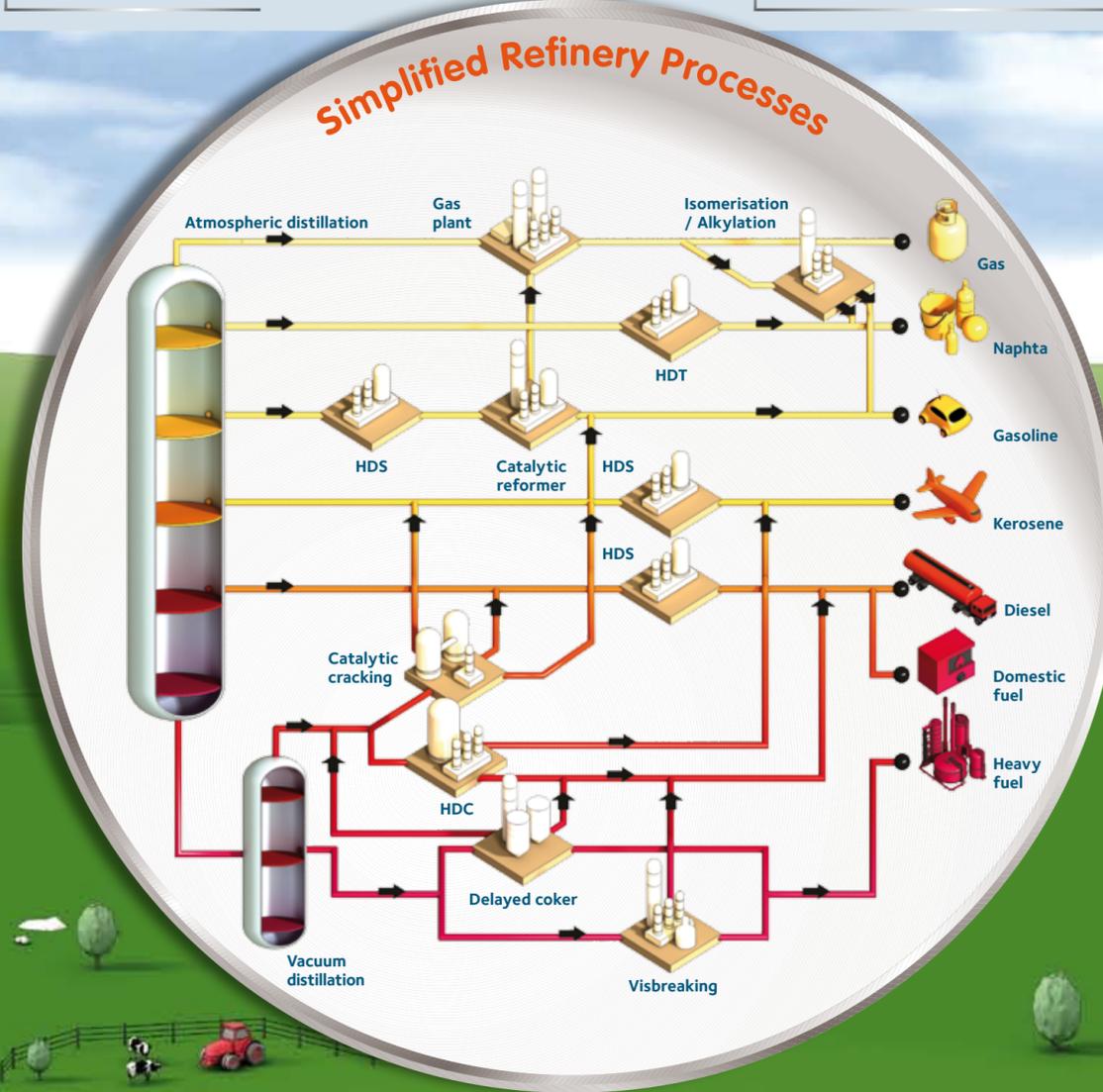
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- Highly alloyed corrosion resistant steels

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WELLHEAD EQUIPMENT
Blow out preventer (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

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

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

HEAVY DISTILLATES PROCESSING
Delayed coker, visbreaking...

- Clad Plates (A 387 gr1+ 410S) for coke drums
- CromElso® Series CrMo steels
- Highly alloyed corrosion resistant steels

HYDROPROCESSING REACTORS HDC, HDS, HDT

- CromElso® Series CrMo steels including CrMoV
- Internals: thick stainless steels (321, 347)

ACCESSORIES AND OTHER EQUIPMENT
Piping, valves, heat exchangers, flash drums, surge drums, columns, storage tanks and spheres...

- CarElso® Series CMn steels
- Clad plates
- CarElso® HIC Series for severe sour service
- Highly alloyed corrosion resistant steels
- CromElso® Series CrMo steels
- CryElso® Series Ni steels
- Duplex stainless steels for tank bottoms

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