

Corus International Projects

# New horizons

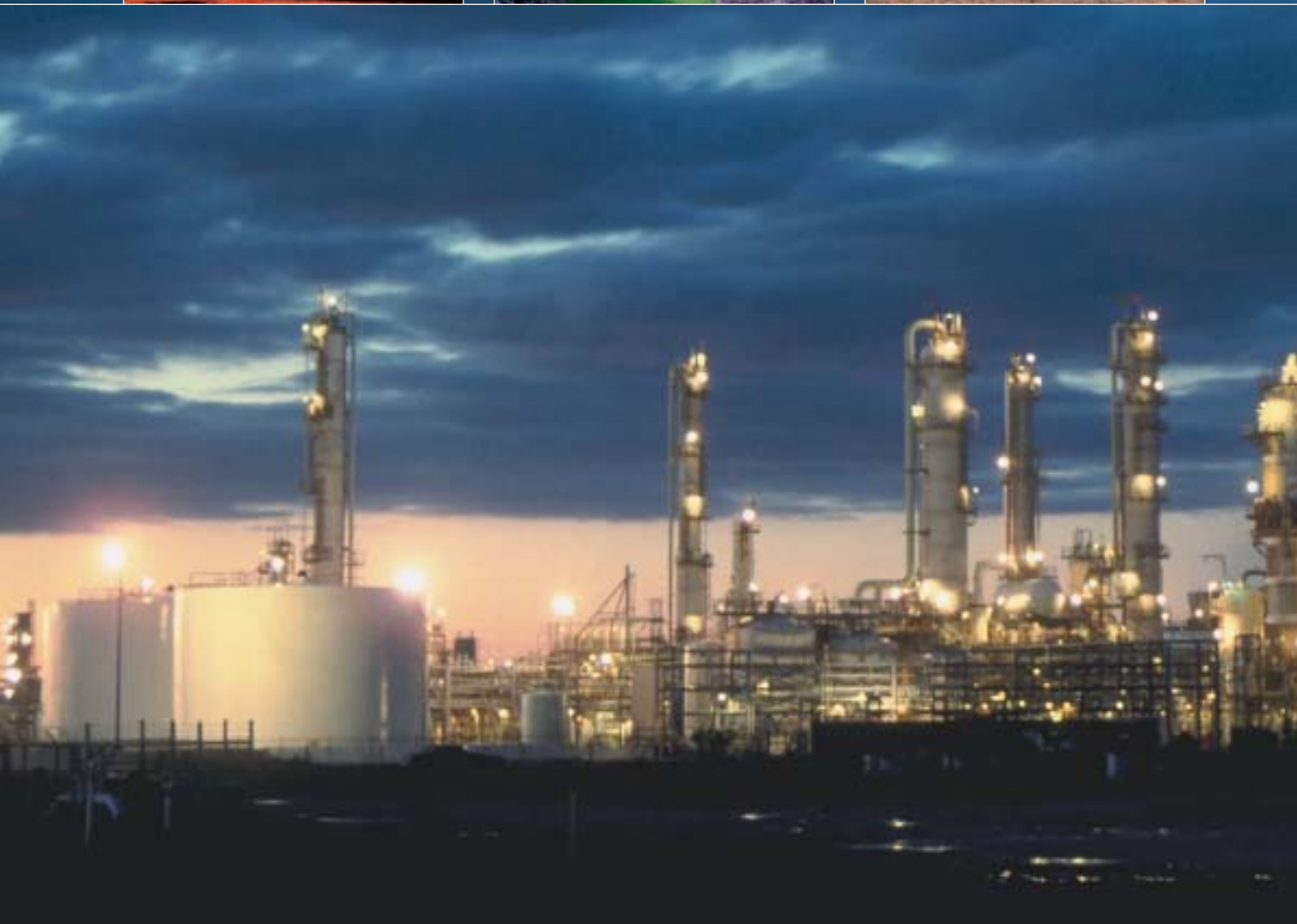
Global metal supply and services



# A broad view

Corus is one of the world's top producers of steel products.

Customers in a wide range of market sectors look to us to provide a variety of supply solutions.



**Corus International Projects supply steel and metal products along with a range of complementary services to a wide range of sectors and end-users globally. We operate through an extensive office network and strategically located agents, offering packaged and project-managed supply solutions.**

We are able to offer quality material from a network of manufacturers and stockists worldwide, including from our own Corus manufacturing companies.

Corus International Projects is part of Corus International - a business unit of Corus. Corus International represents Corus manufacturing activities through more than 45 locations globally.

Corus is one of the largest producers of steel in the world, with manufacturing units in many countries worldwide.

Corus has London Headquarters, and is listed on the London, New York and Amsterdam stock exchanges.



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## Dedicated to offering the right solutions.

**Corus International Projects is a dedicated supply chain management organisation with customers throughout the world.**

The business has evolved into a specialist project management unit equipped to deal with a wide range of contracts from multi-million dollar projects requiring supply management with multiple sources, to quick, reliable and competitive ex-stock solutions designed to keep projects on track.

### **The right solution**

Supplying a wide range of Corus and non-Corus products and a comprehensive range of added value services, we provide the most suitable and cost-effective supply solution.

### **Organisational strength**

Our in-house logistics team is expert in consolidating materials from multiple sources, arranging suitable packaging, and ensuring that they arrive on time, in good condition at destinations around the world. Our logistics specialists regularly manage production, processing, quality assurance, inspection, documentary requirements and customs clearance formalities. All adding up to a complete project managed supply solution.

### **Resourceful**

As part of a large multinational group, Corus International Projects can draw on considerable resources. These include

- Technical support
- Export finance and currency transaction expertise
- Access to one of the worlds most comprehensive range of metals, including carbon and alloy steels, stainless steels and aluminium.

All of these combine to ensure that our customers receive the best possible advice and support to go with the quality of material and service provided.

### **Results**

It is by combining our expertise and services innovatively and effectively that we are able to offer our customers a tailored metal solution – whatever the sector and wherever the project.

Corus International Projects' Tube and Pipe products find their way into an enormous range of end uses.



# A depth of service

## Flexibility

Offering our customers a tailor made solution for each individual project or managed account contract is at the centre of our supply chain management strategy.



Corus International Projects offers packaged, project managed supply solutions to a wide variety of sectors. By offering a variety of services unique to each project, we have the flexible approach to maximise the benefits for all our customers.

By linking these services on a project-by-project basis, we can offer a tailored solution through a single point of contact.

## Multi-sourcing capabilities

Through our global network, we are able to source a wide variety of materials from an extensive range of reputable producers, processors and stockists globally. Crucially this sourcing is done not from a single London office, but from local contacts who understand the local supply situation. This ensures the optimum solution from single or multiple sources.

## Added Value

By integrating additional process requirements into our supply chain, we are able to save customers time, money and effort.

## International presence

Our comprehensive network of offices, subsidiaries and agents in key locations across the world can act as a focal point of contact, and provide valuable local knowledge, service and expertise.

# One world, many solutions



## Technical support

With in-house technical specialists and access to the Corus network of technical assistance, we can provide product and technical advice from conceptual stage to project completion.

## Finance

Expertise in export finance, project finance, insurance, bid bonds, performance bonds, foreign currency dealings and other services all generate innovative solutions for our project customers.

## Quality Assurance

At Corus International Projects all our QA procedures are continually monitored and are to the latest ISO standards. Suppliers are assessed, approved and performance closely monitored to ensure their compliance with contract requirements and specifications.

## Logistics

Our in-house logistics specialists monitor and control the processing, inspection, packaging, consolidation, transportation, documentation, customs formalities and QA procedure compliance.

## People

Through our commitment to "investment in people" – training and development of our quality staff – we aim to have a professional, versatile, multi-skilled team to provide the level of service our customers demand.

**Corus International Projects is more than simply a supplier of metal products.**

Every order is supplemented by added value benefits for our customers. Benefits that are consistently made available anywhere in the world and all from a single source.

These values are evident at every stage of the supply chain from initial enquiry and product processing to delivery of the final product. Throughout, we maintain our commitment to delivering the best service.

This factor is ultimately reflected in the high number of successfully completed projects we have supplied and managed around the globe and the sustainable relationships we have with our customers.

- Experienced marketing, sales and logistics teams
- One-stop shop
- Global sourcing capability
- Multi-Metals: Carbon, alloy, stainless, aluminium, non-ferrous
- Technical expertise and support
- Corus and non-Corus products
- Project finance
- Local support from overseas teams
- Quality assurance ISO/EN/LRQA approval
- JIT - "Just in Time" deliveries
- Shipping and transportation worldwide

- Inspection - agency, customer, third party
- Packing - crates, cases, containers
- Stock and or mill supply
- Single point of contact
- Supply chain management
- Part of one of the world's largest metal producers.

The Corus International Projects team is always on-hand to liaise with customers on technical and delivery logistics.

# Delivering added value

**Corus International Projects supply a wide range of products and key processing services - either from within the Corus Group or by approved external suppliers to recognised international standards.**





Corus International Projects can source a wide range of services, either through the formidable resources of Corus or via non-Corus specialists.



## Specialised services

The expertise to supply and deliver complete product and service packages.

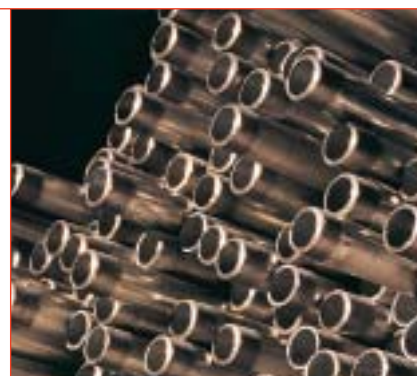
# Total service

Our customers often need to supplement their order with a wide range of engineering, finishing, quality and packaging processes in order to reach their final required products.

All of these are available from us through our 'one-stop shop' service provision. The ability to source product and process together offers both flexibility and control. These two factors ensure the total integrity of every order is maintained, whatever the request.

### Process Services

- External pipe coatings: Polyethylene, polypropylene, fusion-bonded epoxy, bitumen/asphalt enamel, polypropylene, concrete
- Internal pipe linings: Epoxy, cement mortar, bitumen, modified liquid epoxies
- Specialised high temperature coatings for aggressive environments
- Bending
- Threading and coupling
- Swaging
- Flanging
- Shot blasting and priming
- Profiling
- Cutting
- Drilling
- Welding and fabrication
- Specialist packaging and wrapping
  - wooden crates, cases etc.
- Specialist container stuffing
- Ultrasonic, eddy current, magnetic testing
- Particle inspection, sour service, chemical analysis
- Inspection: appointed agencies, independent or customer.





# Energy and power generation

Corus International Projects has the technical and commercial flexibility to manage supply to both offshore and onshore facilities.

# Meeting supply challenges in the world's most demanding environments.

As energy technologies continue to develop, we too are constantly adapting to the challenging requirements of this demanding sector.

Whether oil and gas recovery, refining and distribution, power stations or the capture of renewable energies, carbon steel, stainless steel and aluminium are all vital materials.

Supply requirements are often technically demanding, reflecting the varied and often hostile environments into which they are to be supplied.

## Oil and gas recovery

- High grade plates for pressure vessels and storage tanks
- Structural hollow sections for rig superstructures and structural work

- Floor plate for decking and walkways
- Tubular piling for main sub-structure supports
- Platform pipework
- Engineering steels for well head equipment, down hole tubing, casings, flanges and drill stems.

## Drilling and extraction

- Tubing
- Casing
- Surface casing and conductor pipes
- API/premium joints
- Drill pipe.

## Transportation

- Onshore pipelines
- Transmission
  - Distribution.

## Offshore pipelines

- Flowlines
- Export pipelines
- Sour/non sour
- Corrosion resistant alloys
- Specialised coatings for aggressive environments
- Ancillary products.

## Processing

- Process pipework for refineries
- High and low temperature pipe, carbon, alloy and stainless steel
- Fittings, flanges and valves.

## Production

Fossil fuel, nuclear and renewable;

- Plates
- Structural sections
- Grating and decking
- Boiler and super-heater tubes.



# Construction and civil engineering

Whether constructing buildings or bridges, harbours or petrochemical plants, railways or power stations, steel offers a cost-effective, fast and lasting solution.

The more complicated the project, the more critical the choice of partner. Corus International Projects has established an impressive reputation in supply chain management - by giving the customer total commitment and support, and by adopting a 'cradle to grave' philosophy, in which we co-ordinate all activities from enquiry receipt to final delivery.

- Tubular and sheet piling for foundations
- Bearing piles for foundations and support work
- Sections, plates and tubular products for super-structures
- Hot and cold formed structural sections for mainframes and support structures
- Reinforced bar and mesh for concrete work
- Castellated beams giving weight savings for some applications
- Purlins and profiled sheets for roofing and cladding in; galvanised, organic coated steels and aluminium
- Fixings and fasteners
- Slimdek®. A revolutionary system designed to reduce height between floors of multi-storey buildings
- Open steel flooring for stair treads, fire escapes and access
- Tubing for handrails
- Embossed floor plate for non-slip decking
- Jumbo hollow sections for earthquake regions
- Tubes and pipes for steam, water and sprinkler systems
- Galvanised profiles used for heating and ventilation systems
- Stainless steel and aluminium sections for door and window frames
- Organic coated profiled sheet for liner trays
- Profiled sheet for cladding, decking, flashings and accessories
- Quality assurance to ISO/EN/LRQA approval.



**Its unique combination** of strength and design versatility makes steel a preferred option for a wide range of construction applications.



Strong and yet flexible, steel and aluminium are now regarded as key construction materials in a great many landmark international projects.



From giant supertankers to fast ferries, Corus International Projects has the flexibility to deliver the required product in the right quantity - anywhere in the world. Whether aluminium sections or steel shipbuilding plate, stock delivery times or mill quantities - Corus International Projects will provide the solution.

**Strong competition, tight deadlines and minimisation of maintenance during the working life of a vessel all are major concerns within the competitive shipbuilding industry.**

Whether building a new vessel requiring large quantities and a variety of products, or repairing and refurbishing, requiring immediate delivery of specific size or quality materials, Corus International Projects has developed experience

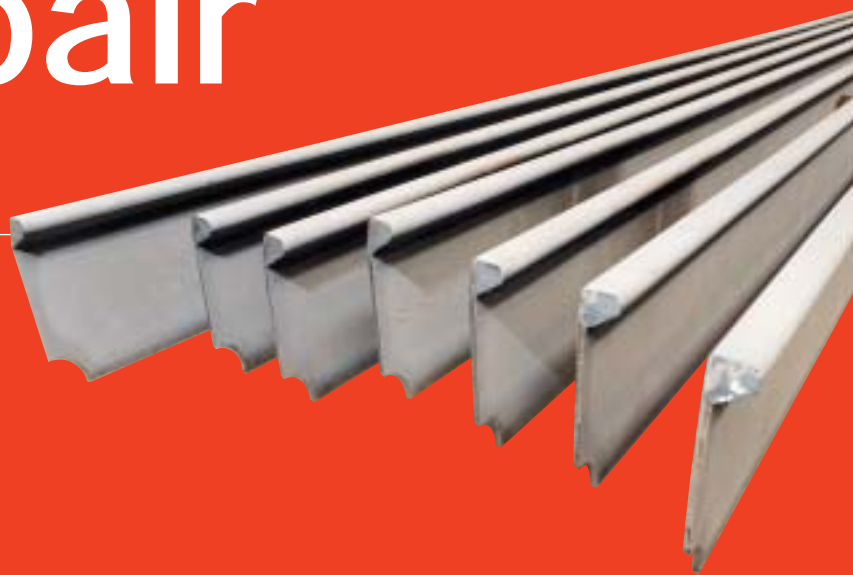
and expertise to provide a competitive tailored package supply solution.

- Shipbuilding plates to international standards including Lloyds, DNV, TUV, ABS and Bureau Veritas
- Carbon and low alloy plates for abrasion resistance and high strength applications
- Embossed floor plate for decking and stair treads.
- Fabricated sections

- Bulb flats for hull stiffening
- Flats & angles for structural use
- Tube & pipes for mechanical services and structural applications
- Stainless steel plate where corrosive environments require specialised material
- Marine grade aluminium plate and profiles where weight design is critical.

The experience and resources to meet the logistical challenges of shipbuilding.

# Shipbuilding and repair



Automotive manufacturing has become one of the most innovative and efficient industries in the world.

By keeping pace with changes due to continuous technical development, steel and aluminium have ensured that they are the pre-eminent material for vehicle manufacture.

#### Materials

- Deep drawing sheet for profiled interior and exterior panels
- Engineering steels used in transmission and suspension manufacture
- Coated steels
- Wire used for tyre cord and bead
- Ternex: Tin and lead coated plate for fuel tanks
- Special sections for wheel rims
- Aluminium sheet for radiators and body panels
- Hot rolled coil for chassis components and wheels.

#### Services

- JIT deliveries
- Specialist packing and logistic support
- Delivery progressing and tracking
- Surface finishing options
- Press blanking.

**Working closely with customers to understand their needs and deliver effective supply solutions.**



# Automotive

Strong and light, steel and aluminium are perfect materials for the modern automotive industry.

## A powerful network

Through our network of reputable suppliers of metals, we are able to supply materials to a wide range of specialised sectors globally.



**Electrical distribution**

This is a highly demanding sector requiring specialised materials.

For applications such as use within transformers, motors and generators, precise electrical properties are critical for their end-use.

We also supply sections and plate for use in the manufacture of transmission towers globally - crucial for the distribution of electricity around the local market.

- Grain oriented electrical steels- for high efficiency transformers
- Non-grain oriented electrical steels - for motors, generators and low efficiency transformers
- Angles and plate - for transmission tower manufacture.

**Mining**

Mining operations take place in some of the most isolated and hostile environments possible, posing specific challenges to procurement teams.

By understanding these exacting requirements and end-use applications, we are able to supply the technical support to go alongside our commercial and logistical expertise to deliver the appropriate material to the necessary site location.

- Joist and mine supports
- Purlins and profiled roof sheets
- Engineering steels - for machining
- Phosphor bronze - for bearings & brushes
- Hollow sections - for buntons
- Abrasive resistant plate for earthmoving equipment.

**Rail**

Corus is known globally for their manufacture and supply of an extensive range of rail products and accessories. By working together with manufacturing divisions and complementary product suppliers, Corus International Projects is able to offer a complete package of products & services.

- Rail & track products
- PC wire for reinforced concrete sleepers
- Spring steel for manufacture of clips
- Steel railway sleepers
- Aluminium for rolling stock production
- Engineering steel grades for machine and tool shops
- Locomotive tyres, wheels and axles.

# Special sectors

Materials supplied by Corus International Projects are used in a widely diverse range of domestic, commercial and industrial products.



# Special sectors

## Diversity

Whether it is the supply of steel piling for on-site driving, coated pipe, flanges and fittings for complex industrial facilities, or high grade steel plate for tank fabrication, Corus International Projects has the flexibility to source and deliver the right material for the application.

Diversity is at the very centre of Corus International Projects' operations. Supplying products and technical solutions to a wide range of specialist sectors.

### Packaging

Tinplate is a material with a diverse range of uses, mainly for the packaging of beverages, foodstuffs, paint, chemicals etc. Ecologically superior than most alternatives due to its being 100% recyclable, tinplate is an increasingly versatile material, offering innovative solutions for the packaging industry. We supply materials to packaging industries in many markets globally.

- Tinplate - for general packaging requirements
- Blackplate - for further coating into tinplate, or other materials, eg corrugated roof panels.
- ECCS - particularly suited for applications such as ring pulls, vacuum closures for glass jars, aerosol can tops etc.

### Domestic and office appliances

In recent years, manufacturers of domestic and office appliances have moved from purchasing bare steel to process and coat themselves, to the purchase of pre-painted steel coils. Coated steel products are extensively used for the casings of everyday

appliances for all our typical domestic and office equipment. With the flexibility of combinations of base materials and coatings, customers can choose the most appropriate coated material for their specific application.

### Roofing and cladding

Coated steel and aluminium sheets are widely used as cladding materials, both on the external and internal of buildings. There are a whole range of metallic and organic coating finishes available, for all weather protection and durability. The development of these materials in recent years have allowed architects globally to design creative and durable buildings.

- Profiled coil and sheet - for building interior and exterior roof and wall cladding
- Accessories, such as flashings, fixings etc.
- Composite panel systems - for insulation and noise reduction uses.

### Water

From the provision of a treated water supply to the disposal of wastewater and sewage, steel and aluminium are vital components to the international water industry. Corus International Projects can provide packages for use in a variety of water projects.

#### Water Pipelines

- Distribution and transmission mains
- Externally coated and internally lined pipes
- Corrugated pipe for storm water disposal

#### Treatment plants

- Fabricated fittings
- Galvanised or coated pipe
- Coated strip for use in sewage treatment.

#### Longsea outfalls

- Protected pipe for pump or gravity outfalls
- Concrete weight coatings
- Special fabrications including diffuser sections and risers.



# Products

## Look no further

Corus International Projects has the ability to source and supply a wide scope of materials from its own Corus manufacturing units and from leading international suppliers.



**Pipe and tube**

Seamless and welded line pipe, casing and tubing in carbon, alloy and stainless steels.

**Sections**

Universal beams and universal columns, joists, bearing piles, channels, equal and un-equal angles, bulb flats.

**Plate**

Carbon/alloy, structural, offshore, boiler, pressure vessel, weather resistant, abrasion resistant, shipbuilding, clad.

**Piling**

Bearing piles, sheet and tubular, ancillary products eg. tie-bars, turnbuckles etc.

**Structural hollow sections**

Hot finished and cold formed in square, rectangular and circular section.

**Electrical Steels**

Non and grain-orientated.

**Engineering bar**

Black and bright in carbon, alloy, free cutting, leaded, high speed and tool steels.

**Merchant bar**

Channels, angles, flats, rounds, squares, half rounds.

**Coated steels**

Coil and sheet, zinc, galvanised, aluminium, organic, tinplate, Ternex.

**Wire and wire rod**

PC, nail, binding wire etc.

**Fittings and flanges**

Elbows, tees, reducers, bends, couplings, flanges, valves.

**Fasteners**

Nuts, bolts, washers.

**Profiled products**

Corrugated sheets, purlins, trapezoidal sheets, cleats etc.

**Coil and sheet**

Hot or cold rolled coil and sheet, drawing and deep drawing quality.

**Non ferrous**

Stainless steel, brass, bronze, copper-plate, sheet, coil sections and bar.

**Aluminium**

Rolled plate, sheet, coil, formed and extruded sections, bar etc.

**Reinforcement products**

Plain and deformed bar, reinforcing mesh.

**Decking and Flooring products**

Floor plate, teardrop/chequer pattern, open steel flooring, stair treads, handrails.

**Narrow strip**

Hot and cold rolled low carbon, free cutting, high strength, alloy and stainless.

**Rail products**

Rail, PC wire, spring steel, steel sleepers, crane rails, tyres, wheels, axles etc.

Photographer - main image: Richard Glover.

# Corus International Projects - Going further

## In front worldwide

Our ability to offer diverse material supply, technical expertise, expediting and logistical expertise, added value processing and financial flexibility are key factors which distinguish us from our competitors.

**Corus International Projects brings together a unique range of benefits for our customers.**

By retaining the flexibility of multiple quality suppliers we can offer a tailor-made project management supply solution for each and every project and customer requirement.

Our ability to offer added value means that we are able to streamline the supply chain, by offering our customers a complete package of materials ready for use at site. By working closely with both customers and suppliers we maximise the efficiency of production for both parties. Our global reach allows us to have a local input wherever required - whether for sourcing materials,

expediting orders or handling local delivery issues. By managing this global resource from a central point and linking directly with locally based expertise, our projects maintain a focussed outlook, with a high degree of local input and knowledge.



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