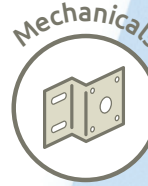
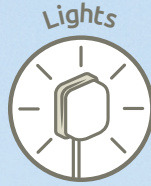
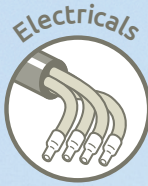


One stop supply for Wind Turbines



Resolux Group

A Gexpro Services Company



What we can do for you . . .

We can share with you more than 30 years of experience in the wind industry and supply you locally with solid customer solutions for all tower builders, turbine manufacturers, nacelle providers and windpark maintenance.

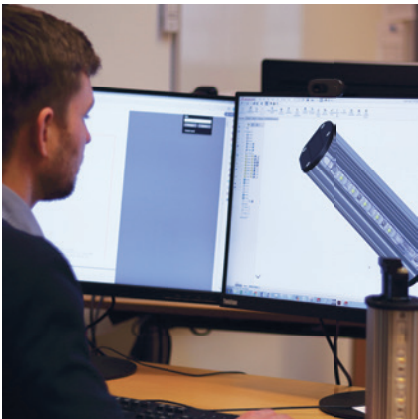
Customer Spec. and Technology Capability



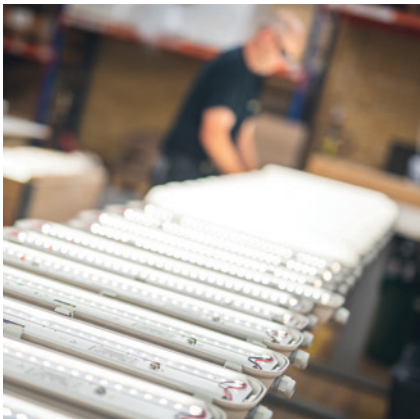
Global Sourcing and Project Management



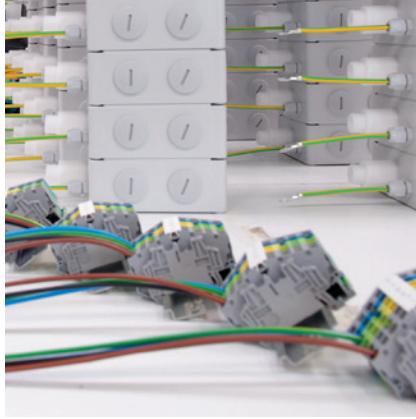
R & D - VA/VE



Products for your Production



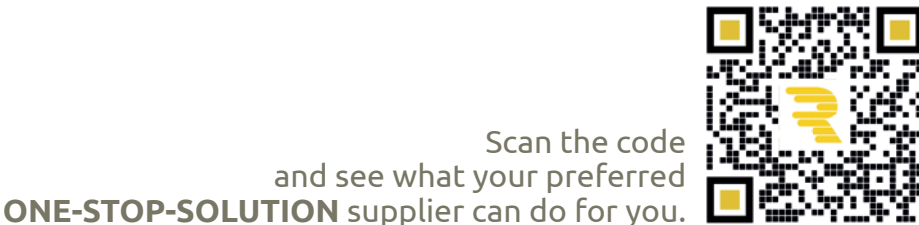
Quality Control in entire value chain



Just in time Delivery and Total Cost of Ownership (TCO)



“Our first responsibility is to our customers with whom we want to build a long term sustainable relationship by providing products and services that meet or exceed their expectations. Whilst striving to do so, we will follow our customers around the world so we may assist, support and supply them global and local according to international normes and specifications.”



Scan the code and see what your preferred **ONE-STOP-SOLUTION** supplier can do for you.

Cross Category for Wind Turbine

Resolux Group can be your partner for your Complex Kitting. At Resolux Group we are experts in concolidating, assembling, and uniting different sub-elements and resources into just one efficient and more cohesive solution.

Hub

- Nuts · Bolts
- Bushings & Threaded Inserts
- Packaged Control Panels
- Light Fixtures · Safety Rails
- Hatch Covers
- Large Diameter Fixture

Tower

- Structural Fasteners
- Hoists · Winches
- Tower Internal Kits incl. :
Platforms
(alu - steel - wooden)
and Brackets
- Power and Control Cables
- Cable Trays
- Light Fixtures
- Receptacle Kits
- Electricals (ETI)
- Mechanicals (MTI)
- Doors · Climbing Ladders
- Access Stairways

Kitting & VMI Services

- “one box” kitting or pre-assemblies
- Plug & Play for easy installation
- VMI & Kanban solutions

Blades

- Blade Bolts, Barrel Nuts, Roor Inserts
- Lightning Protection Systems
- Receptors · Cables · Connectors

Nacelle

- Cables · Harnesses
- Power & Control Cable
- Specially Coated Fasteners
- Fasteners (in Kitsets)
- Grounding Straps
- Fabricated and Machined Parts
- Platforms (metal fabrication - or wooden)
- External Rails · Hand Rails
- Crane Rail Assembly
- Door Latches & Hardware
- Instrumentation and Controls
- Electrical Consumables
- Packaged Control Panels
- Slip Ring Cable Assembly
- C-parts

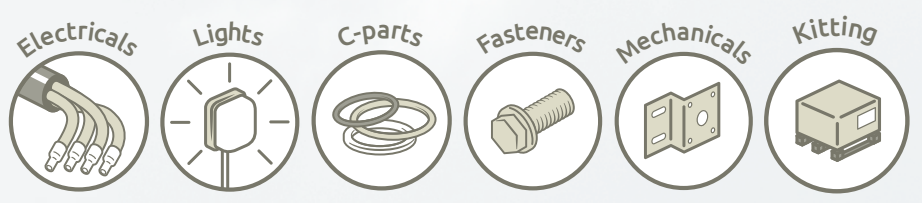
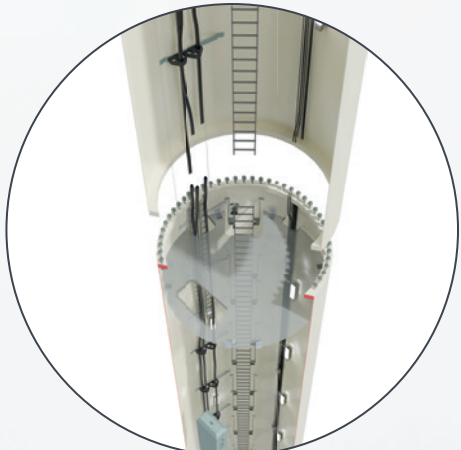
Offshore Foundations

- Partnership set-up w/ complete internals for TP or SIP
- All Electricals & Cable ways
- Structures & Platforms
- All Internals incl. installations & testing

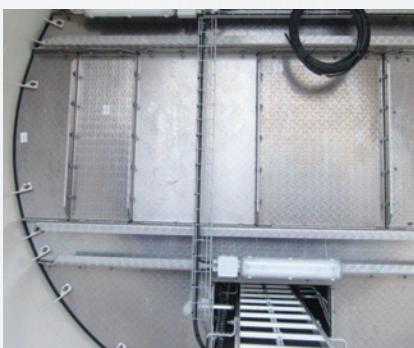
Kitset - Tower Internals

- one box supply

We design and manufactures tower internals and light kits for wind turbines worldwide. We supply you with easy to use complete solutions, fit to your needs and incorporating unique technical features, competitive pricing and just in-time delivery.

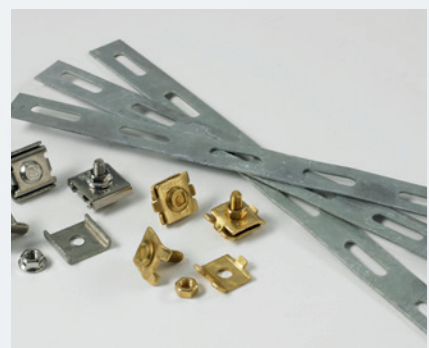


Mechanicals & Platforms



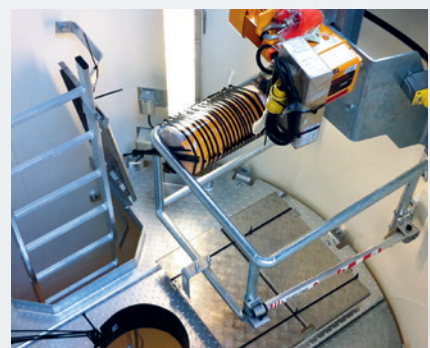
- Platforms in aluminum, steel & wood
- Mechanicals (MTI)

C-Parts & Brackets



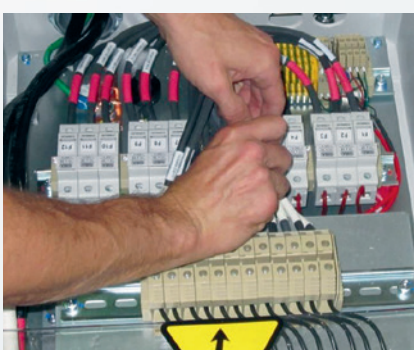
- C-Class parts
- All kinds of brackets

Hoist and Elevator



- Hoist
- Elevator
- Climb assist

Electricals (ETI) + Lights



- Light & Cable/Cord sets
- Junction box
- Electrical Cabinet
- Junction box
- Enclosures
- Control Cabinet

Internal Parts & Fasteners



- Fasteners · Cable ties · Lugs
- Rubbers
- Adhesives
- Plugs and receptacles
- Junction box
- Ladders
- Cable Trays
- Conduits & Brackets

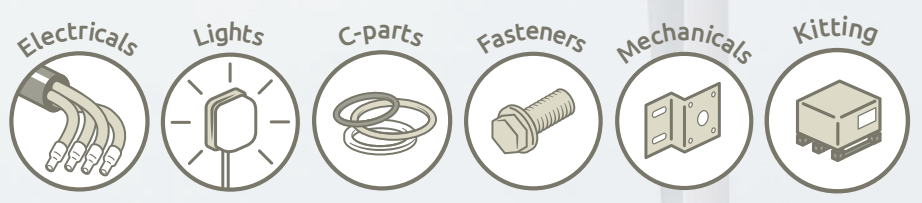
VMI Kit Set, Kanban and Vending Machines



- On POU locations for Nacelle, Tower and Blade Productions
- Production Kits
 - Repair Kits
 - Installation Kits
 - Field Support Kits
 - Electrical Kits
 - Customizable Kits

Kitset - Nacelle, Blades & Hub

We custome design kit sets with focus on high quality, emphasis on technical properties and competitive pricing. Our goal is to always create the best possible solution for our customers. We are driven by challenges.



C-Class parts and Fasteners



- ISO and DIN fasteners, Inch fasteners, Hardwares
- Standard and customer specific brackets
- Metal parts built to specs
- Catalogue parts

Plug and Play



- Reduced installation time
- Complete system tested before delivery
- Easy and simple installation

Control Box and Cabling



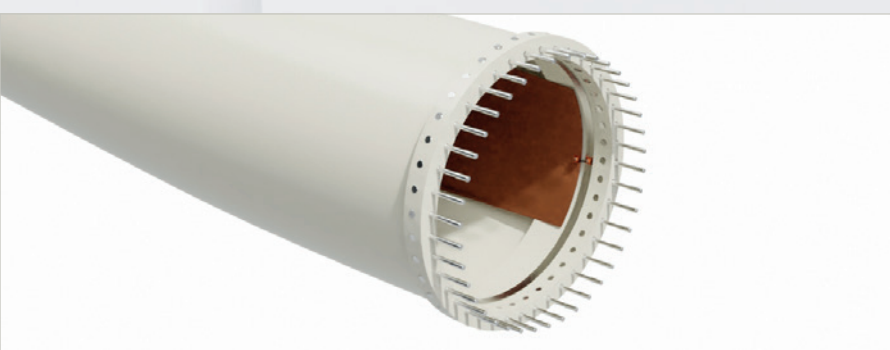
- Test of emergency function
- Service receptacles
- Connecters
- Junction Box
- Through wiring

Outlets and Receptacles



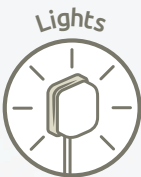
- Compliance to International Standards
- Service receptacles
- Plugs and sockets for portable appliances

Blade Protection & Hardware



- Lightning Protection Systems
- Machined Tip & Side Receptors
- Striker Plates
- Tarps
- Blade hatches
- Blade bolts M+65
- Barrel nuts, Threaded inserts
- Bearing Blocks
- M5-M16 Hardware
- Specialty Coating

Lights for Tower and Nacelle



Resolux being a manufacturer technical lighting, we have a solid know-how, experience, the products, the facilities and last but not least the staff with essential expertise for developing and producing specific customer solutions.

LED Kit Set



- Very high lumen output
- Cost efficient solution
- Excellent color rendering

Emergency and UPS



- 60 or 90 minutes emergency back-up light
- Designed specifically for Wind Turbines
- Conform to EN 50308 (Wind turbines-Design, operation and maintenance)

Heat Element

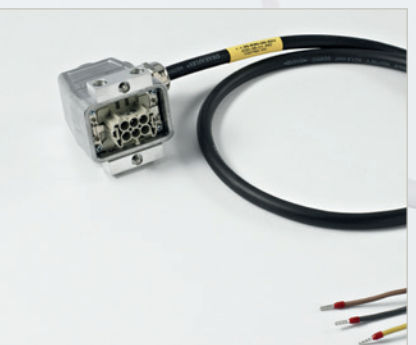


- Cold climate operation. Down to -40°C
- Build in thermostat
- Full lumen output at low ambient temperature

Tower Internal Lights



Power Connection and Cable harness



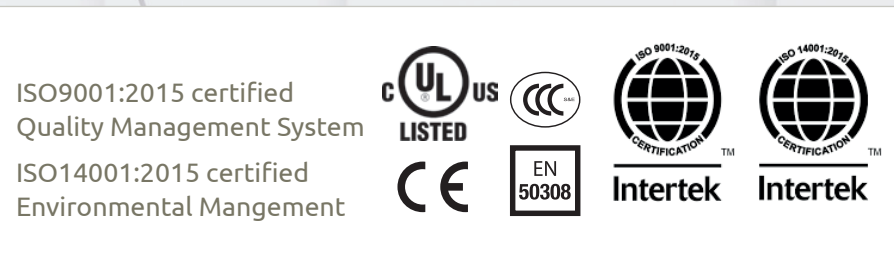
- Build-in terminal block
- Connecting Box
- Plug and Play Connectors

Quality & Safety



Comply to : CE, UL, CSA, CCC standards
100% tested, safety and function

Certifications



Cables and Cable Management



Wherever, whatever your demands and challenges may be, we will meet with you locally and solve your task in a timely and flexible manner.

Power Cables



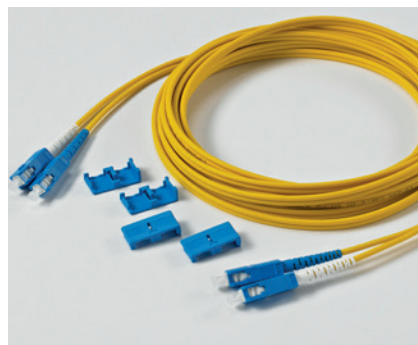
- Compliance to international Cable Standards and Special purpose
- Shielded or non-shielded
- Cut to length

Control Cables



- Tray cables
- Flexible cables
- Unarmored/Armored
- Low smoke, Halogen free

Optical Communication



- Data cables, Fiber optic cables,
- Cat5, Cat5e, Cat6, Cat6a, Cat7 application cables

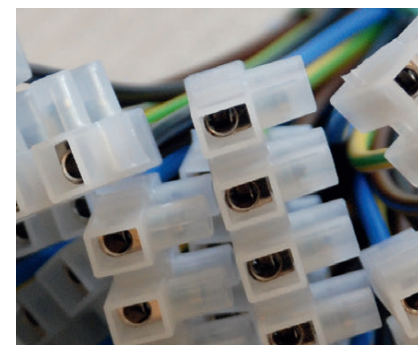
Conduits and Trays



Cable and wire protection



Termination



- Cut to length
- Customer specific termination
- Customer specific marking

Cable Ties



Cable Harness



- Wire cutting: cut to length with tom labeling
- In-house integration of electro mechanical assemblies
- Wire harness and cable assemblies

Fabricated & Mechanical Parts

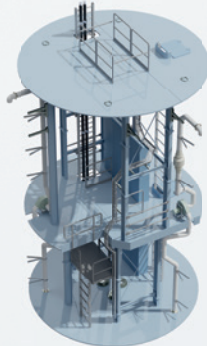
We think in terms of whole and complete solutions and we are constantly trying to develop methods which will save time and money for our customers.



Platforms
Steel, Aluminum & Wooden



Mechanical Tower
Internals (MTI)



Tower Access
Staircases - Stairways



Ladders



Cable Trays



Fasteners, Hardware & Other C-Parts

Fasteners and Various Hardware



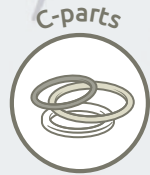
- Bolts & Nuts
- C-parts - All types of sensors
- Clamps etc.



- Gasket, Seals
- O-rings etc.



- Oil, Lubrication
- Filters and cooling liquids



Kitting Solutions for Tower Internals

Pre-sorted parts with our kitting services, ensuring smooth and error-free wind tower assembly.
We offer a powerful and flexible Kitting Service to our Clients.



Kitting Box



- All items labeled and packed in boxes.

Encoding the
Client's request



- Each item is identified with item no + discription + PO no.

Labeling

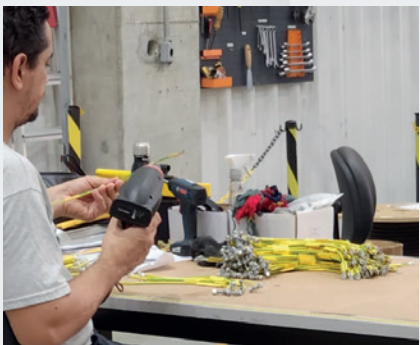


All kitting items labeled



- All items labeled.

Quality Control



- All items neatly controlled.

Kitting Boxes



- Kitting boxes ready to be shipped
- Each pallet gets a printed document/list with the content of the pallet.
- Each pallet will show what tower no. and what section the pallet is for.



At Resolux, our commitment to continuous improvement is unwavering as we relentlessly work to minimize any gaps in the supply chain.
- We call it ONE-STOP-SOLUTION.



Value added Services

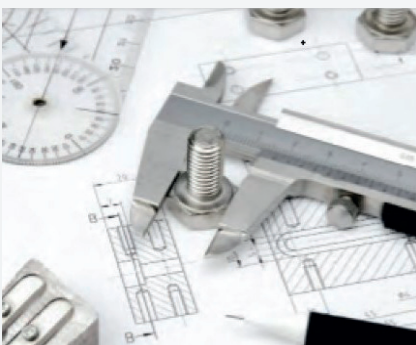
We offer Value Add and Value Engineering Services. Line Walk's identify cost saving opportunities, potential alternate solutions and provide needed application and customers CTQ details to support LEAN manufacturing.

Value Added Services



- Rework, Repair and Refurbishment Services of class A components including Gearboxes, Hubs, and Bedplates
- Buffer Stocking and Logistics
- Assembly Capability, Pre-Assemblies & Kitting (fx per module, section)
- Vendor Managed Inventory (VMI) & Kanban
- Value Engineering - Cost Outs

Quality



- QMS (ISO 9001, ISO14001, AS9100D)
- Supplier Audit & Qualification incl. APQ4Wind/PPAP
- Customer Quality incl. smooth NCR handling with 8D

Sustainability



- Supporting UN Global's Sustainable Development Goals
- Supporting the 10 Principles of the UN Global Compact
- Sustainability Rating by Ecovadis



Field Services Support - Gexpro Services

We can manage your parts and logistical parts services, aiming to support your installation, preventive and corrective service and maintenance in its entire Life Cycle.

Material Shipped Direct (MSD)



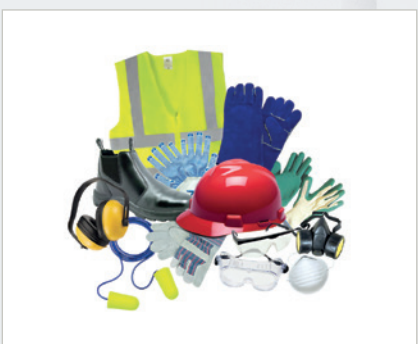
- Tower Entry Stairs & Flange Bolts
- Windvane Assemblies
- FAA Lighting
- Down Tower Assembly (DTA) Platforms
- Site Container for Commissioning
- Hoists / Winches & Spare Parts
- Blade Mounting Hardware

Field Upgrades & Overhauls



- Gearbox replacement kits
- Tension Measurement devices
- Bolt extenders
- Blade stiffeners
- Power Cable kits
- Parts Recycling with Lifetime Management and Cost Reduction

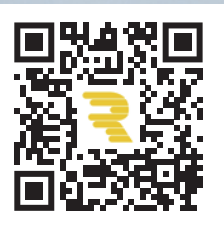
EHS & Safety Equipment



- Arch flash protection equipment
- Spill containment
- Tower rescue devices
- Fall protection harnesses
- Warning Labels

Why partner with us ?

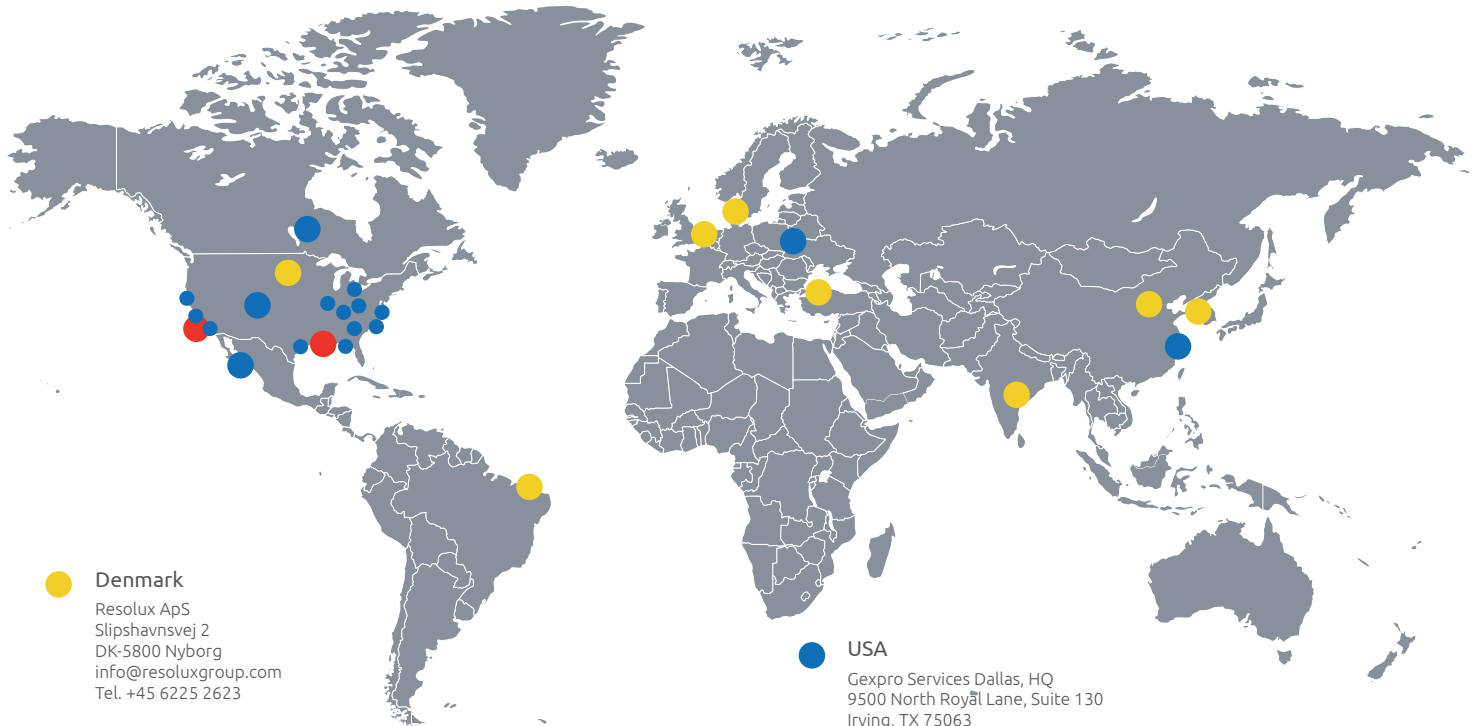
- Broad-deep Scope of Supply (one-stop supply)
- Global Footprint - local supply
- Responsiveness, agility and local service
- Supply Chain Management
- Quality Control Management
- Onsite Material Inspection
- Sourcing specialists – competitiveness worldwide
- Logistics A to Z
- In-house Engineering and Manufacturing
- Financial solid strengths – as part of Gexpro Services
- Partnership approach with Key Account teams (OEMs)
- Strong Sustainability & CSR profile



Scan the code and see what your preferred supplier can do for you.

We supply Globally - Locally

Pursuing our efforts of worldwide representation, being close to customers wherever they may be.



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- Duluth (Atlanta), Savannah, GA
- Louisville, KY
- Riverside (Kansas City), MO
- Albany, NY
- High Point, NC
- Independence (Cleveland), OH
- Greenville, SC
- Houston, TX

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We work for the major tower builders, and focus on serving wind OEMs, Tower-makers, IPPs, Nacelles- and 1st Tier wind suppliers ...



Gexpro
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Powerful Supply Chain Solutions
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