





Teufelberger-Redaelli, formerly well known in this market as Redaelli, provides its clients with unique expertise for high performance steel wire ropes and world leading technical support with its global presence.

The constant growth and modernisation of the steel wire rope market sector has enabled Teufelberger-Redaelli to take a leading worldwide position and be at the technical forefront in the sphere of wire ropes products. For decades Teufelberger-Redaelli has focused resource in the development, design and production of civil engineering systems for cable supported tensile structures providing complete technical cable solutions including cable installation and engineering expertise.

Furthermore Teufelberger-Redaelli can also provide on-going confidence and peace of mind with inspection and maintenance services for its in-service cable systems.

A major strength of Teufelberger-Redaelli is its ability to manufacture under a strict in house quality control environment the primary components of complex structural cable assemblies from the single steel wires through to the final packaged products.

The result is an unrivalled capacity and flexibility for managing and accurately controlling the entire production process. Each cable is expressly designed, detailed and produced in accordance with the project requirements and specification and the appropriate international standards and regulations.

"Together in Motion" is the TEUFELBERGER motto at the heart of everything we do.

TEUFELBERGER-REDAELLI is part of something bigger

Great diversity

TEUFELBERGER's products and services are destined for a wide variety of applications ranging from cranes and marine applications to packaging and through to personal protection. The continuity and stability of a family enterprise makes TEUFELBERGER a reliable partner who, competently and effectively, supports its customers in mastering their day-to-day challenges.



A WORLDWIDE PRESENCE

Global presence ensures customer proximity

Manufacturing operations in various countries allows TEUFELBERGER to meet local quality and certification standards as well as customer requirements without difficulty. From its sites in Austria, Czech Republic, U.S., Italy, Sweden, and Thailand, and backed by a close-knit global network of distribution partners, TEUFELBERGER continues to satisfy the expectations of its customers.

Innovative solutions through synergies

steel wire ropes as well as strapping. The spectrum makes TEUFELBERGER the ideal partner right from of technologies in TEUFELBERGER's portfolio the project planning phase. 5% of TEUFELBERGER's generates various synergies between the extrusion employees are active in research and development of thermoplastics, the braiding of high performance and make sure that customers have access to the fibers, and the processing of wires into ropes and latest innovative rope technologies. 10% of the entire strapping. Especially fiber and steel wire products have investment volume is committed to development and brought about valuable synergies with regard to both quality assurance. application and manufacturing technologies, which

TEUFELBERGER is a leading specialist for fiber and have benefited our customers tremendously. This

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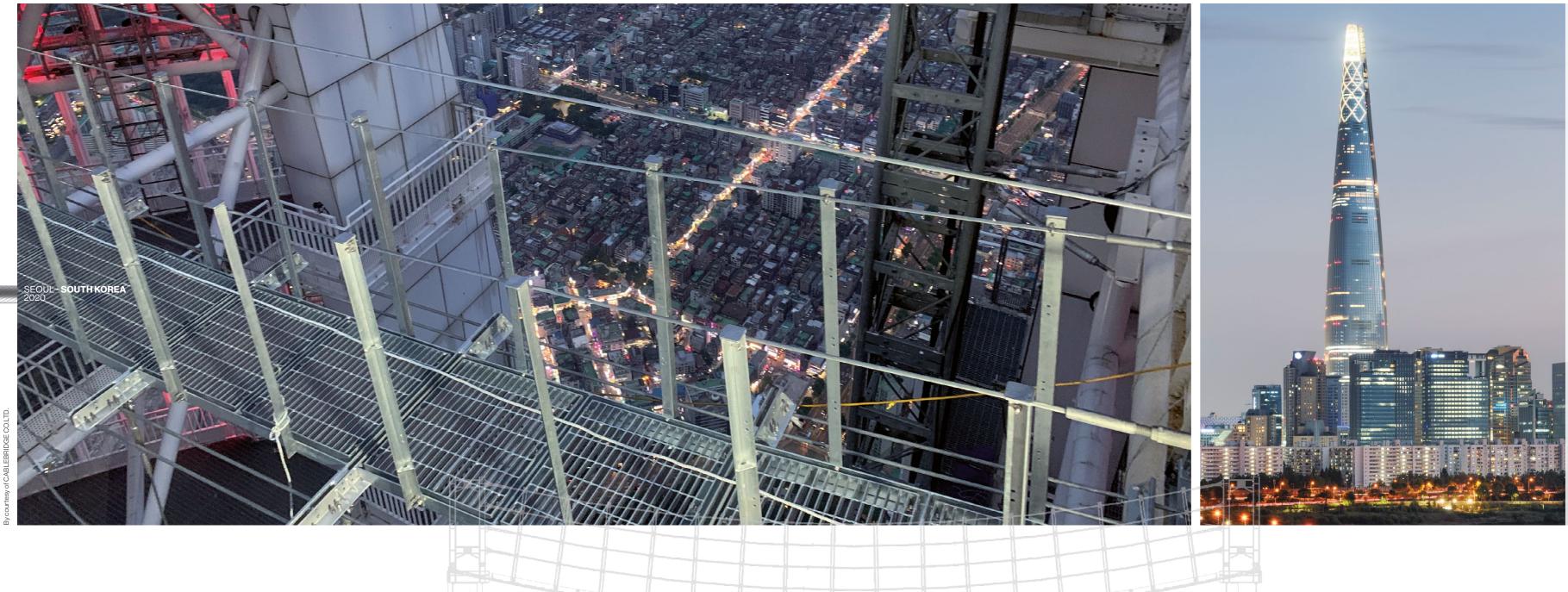
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BRIDGES

LOTTE TOWER SUSPENSION BRIDGE



Breath-taking is the only possible word to describe this daring project. A pedestrian suspension bridge built between two of the most iconic buildings of Seoul, the Lotte tower. Suspended at 541m above the city level, the name "sky-bridge" could not be more appropriate for this structure that literally allows the tourists to "fly" above the busy Seoul streets.

The structure is composed of No.4 main cables and No.2 stabilising cables that help to reduce the lateral displacements, thus providing a high-level of comfort and safety. Structural cables are FLC 016, one of the smallest fully locked coil cable in production, that provide strength, stiffness together with unparalleled corrosion protection and appearance. Cables are connected to the steel structure by means of swaged sockets.

Hanger cables, OSS 012 open spiral strand are used to join the main and stabilising cables. Teufelberger-Redaelli also supplied the handrail cables, thus delivering a full package that has been erected in the record time of two days, thanks to the advice and expertise shared with the client's construction team.

PROJECT

Country	South Korea	
Site	Seoul	
Project	Lotte Tower Suspension Bridge	
Client	CABLEBRIDGE CO.LTD.	
Year	2020	
Scope of work	Cable system supply	

TANA BRIDGE



The new cable-stayed Tana Bru Bridge, in Cape North area, is on the main road connecting Norway with Russia. It replaces the old light suspension bridge which was deemed to be structurally deficient and had major weight restrictions in force. The bridge, crossing Tana river, which is famous for quality salmon fishing, has a total length of 260m with main span of 190m.

There is a 95m asymmetric pylon, and 22 cable stays made from FLC 124 and FLC 140 with maximum length equal to 183m and up to 17t per single cable.

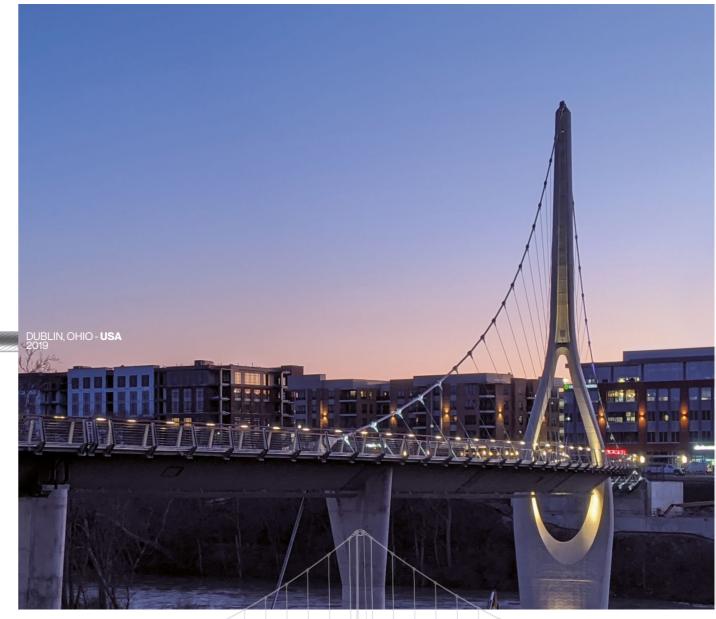
Teufelberger-Redaelli has managed the whole cable supply and installation following and performing according to the highest Norwegian requirements and working in a challenging low temperature environment. The bridge and cables are illuminated with colourful LEDs, reminding the spectacular auroras of this area and becoming a new iconic structure in the region.

PROJECT	
Country	Norway
Site	Tana Bru
Project	Tana Bridge
Client	Statens Vegvesen Region Nord
Year	2019
Scope of work	Cable system supply and installation

NAERHEDEN CABLE STAYED BRIDGE



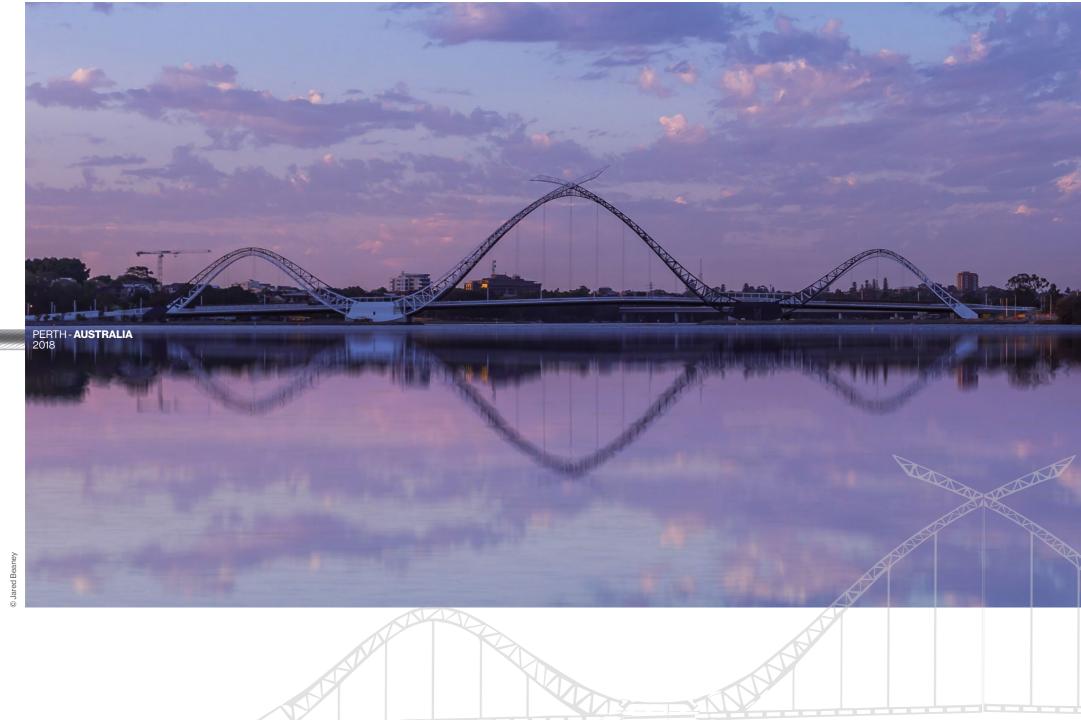
SCIOTO RIVER FOOTBRIDGE



The Scioto River Pedestrian Footbridge is a major suspended footbridge located in Dublin, Ohio. The footbridge crosses the Scioto river and is the perfect connection between the historical centre of the city and the brand-new quarter that is set to become one of the new hot spots in the city. The main characteristics of this footbridge are its concrete mast shaped as a needle, the S-shaped deck, the hangers that are connected only to one side of the deck, as well an overall very light design. Because of its unique design, the bridge has become the icon of the city and the symbol of the two quarters that it connects. Teufelberger-Redaelli has designed, supplied and installed the two main cables, the tie down cable, and the hanger system including clamps and specifically designed spherical pins and washers to accommodate high rotations of the cables and sockets respect to the anchoring plate under live load events.

PROJECT	
Country	USA
Site	Dublin - Ohio
Project	Scioto River Footbridge
Client	Kokosing Costr. Company, INC.
Year	2019
Scope of work	Cable system supply and installation

SWAN RIVER PEDESTRIAN BRIDGE



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Named after the surrounding area, the Matagroup Bridge is a suspended footbridge with independent spans connected with the arches by Teufelberger-Redaelli FLC cables. The structural shape of the bridge is open to different interpretations; to some it is reminiscent of two flying swans, or wishbones, or a swimming dolphin or a serpent or a ribbon. Teufelberger-Redaelli cables have also been supplied for the new zip line ride that connects the top of the bridge with the ground, offering an exciting flight over the water from the top of the bridge to the ground for a length of 410m. No.54 FLC 52mm were supplied to connect the decks with the arches, No.1 FLC 19 is supplied for the zip line realisation.

PROJECT

OPTUS STADIUM YE

Country	Australia
Site	Perth
Project	Swan River Pedestrian Bridge
Client	York Rizzani Joint Venture
Year	2018
Scope of work	Cable system supply and installation

BRIDGES

KOREAN SUSPENSION FOOTBRIDGES



By courtesy of CABLEBRIDGE CO.L



Geochang, Yang Pyung and Sunchang suspension footbridges are located in South Korea. The suspension bridges, crossing valleys, create a wonderful connection between the mountain tops allowing people to walk surrounded by nature. The main characteristic of Geochang footbridge is its shape: three "little" suspension bridges meet at the centre allowing to reach anyone of the three mountaintops.

Yang Pyung and Sunchang bridges are characteristic for their length of about 200m. Teufelberger-Redaelli contributed to the construction of these important projects by suppling upper and lower FLC cables.

PROJECT

Country	South Korea
Site	Geochang, Yang Pyung, Sunchang
Project	Korean Suspension Footbridges
Client	CABLEBRIDGE CO.LTD.
Year	2017 - 2018
Scope of work	Cable system supply

CHISWICK PARK FOOTBRIDGE



The award-winning Chiswick Park Footbridge is an architecturally challenging project in Central London. The structure connects the Chiswick Underground Tube station with the adjacent new business park. It is comprised of three progressively smaller arch bridges which are extremely slender and light in their design. The arches and decks are designed using the minimum amount of steel in order to create a minimalistic piece of architecture. The main superstructure uses corten weathering steel to guarantee a prolonged maintenance-free service life. In contrast to the rustic appearance of the corten arches, the Teufelberger-Redaelli FLC cables are made using polished stainless steel which provides a striking visual contrasting appearance. Another unique feature is the connection between the sockets and the steelwork, created by Teufelberger-Redaelli designing a set of spherical pins and washers which guarantees some rotation. The hangers connect the deck to the arch in an inclined plan creating a mesh of cables. The system of spacers was also designed and supplied by Teufelberger-Redaelli to be perfectly integrated in the minimal design of the footbridge.

PROJECT	
Country	UK
Site	London
Project	Chiswick Park Footbridge
Client	Severfield UK
Year	2018
Scope of wo	ork Cable system supply

BØKFJORD BRIDGE



Bøkfjord Bridge (Norwegian: Bøkfjordbrua) is a road bridge which crosses at its mouth into Bøkfjord, in Sør-Varanger municipality in Troms og Finnmark (Norway) and it is the last piece of the road project between Kirkenes in Norway and Pechenga in Russia on Europavei 105.

The bridge, made of a 500t steel arch, is 120m long and 25m high. Teufelberger-Redaelli supplied and installed No.96 hangers made of FLC cables HDPE sheathed.

The arch bridge was fabricated in Germany completed with all the hanger installation. After fabrication the bridge was loaded on a barge and towed 3,000km North to Kirkenes. The barge was positioned and anchored in the tidal inlet and the bridge was installed in the final position. At the end of the final positioning, Teufelberger-Redaelli was able to proceed with the final tensioning of the cables.

PROJECT	
Country	Norway
Site	Sør-Varanger
Project	Bøkfjord Bridge
Client	Schachtbau Nordhausen Stahlbau GmbH
Year	2017
Scope of work	Cable system supply and installation

CRATI BRIDGE



The new bridge on Crati River is an iconic project that underlines the contemporary architectural trend of the city of Cosenza, one of the most avant-garde cities in the Calabria region. The new bridge is not only a piece of functional infrastructure that aims to connect and bring together two very socially and structurally different urban areas, but it also aims, with its audacious architecture, to become a symbolic and distinguishing monument of the city. Designed by architect Dr. Santiago Calatrava, it is a stay cable bridge with a single 85m high pylon which is inclined at 40° from the vertical plane of the bridge. The main span is 110m with a total length of the bridge of 140m. The bridge is visible from every part of the city even from the old town, located over the adjacent hill. Teufelberger-Redaelli's contribution to this land marking structure includes cables supply, engineering of cable installation and tensioning and all related site activities.

PROJECT	
Country	Italy
Site	Cosenza
Project	Crati Bridge
Client	Cimolai S.p.A.
Year	2017
Scope of work	Cable system supply and installation

THE JACK WILLIAMS GATEWAY BRIDGE



The A465 Heads of Valleys project is a major new highway development in Wales. The centre piece of the project is a stunning steel arch bridge with a composite deck suspended by Teufelberger-Redaelli HDPE coated FLC hanger cables. The structure provides a "gateway" to the Brecon Beacons National Park. Also known as the Gateway Bridge the single span arch bridge has a 90m span between the abutments with the single arch rising 50m above the valley floor and 25m above the deck at the crown. The longitudinally stiffened rectangular arch section has a varying cross section, while the composite beam deck is supported by 22 hanger cables along its length. An interesting architectural feature of the bridge is the completely different view the motorists have driving under the bridge, where the cables form a diagonal cable net opposed to driving over the bridge where the driver feels embraced by a tunnel formed by the cables.

PROJECT	
Country	UK
Site	A465 between Brynmawr and Gilwern
Project	The Jack Williams Gateway Bridge
Client	Victor Buyck Steel Construction
Year	2017
Scope of wo	ork Cable system supply

LÅGEN BRIDGE



The Lågen Bridge is a key part of the new route between Biri and Otta in Norway. The asymmetric cable stayed bridge features a 105m long main span with a 52m back span, which connects the bridge directly to an adjacent tunnel. The 14.3m wide deck accommodates two traffic lanes. The tower has two 64m high legs which are connected by a transverse beam. For this project Teufelberger-Redaelli designed and manufactured the complete FLC cable stay system. In order to help to improve the cable's long-term durability, it was protected with a high-density polyethylene (HDPE) sheathing which was applied as a double layer coextrusion. This external sheathing provides additional security for the inner filling and zinc-aluminium coating used on the outer wires of the cables, thus assuring optimum durability of the cable even in this aggressive environment. This was the first example of prefabricated HDPE sheathed full locked coil cable stays on a Norwegian bridge. Teufelberger-Redaelli also undertook the cable installation and the tensioning on site.

PROJECT Country Norway Site Kvam Project Lågen Bridge Client Implenia Year 2016 Scope of work HDPE Cable system supply and installation

DUBAI CANAL FOOTBRIDGES



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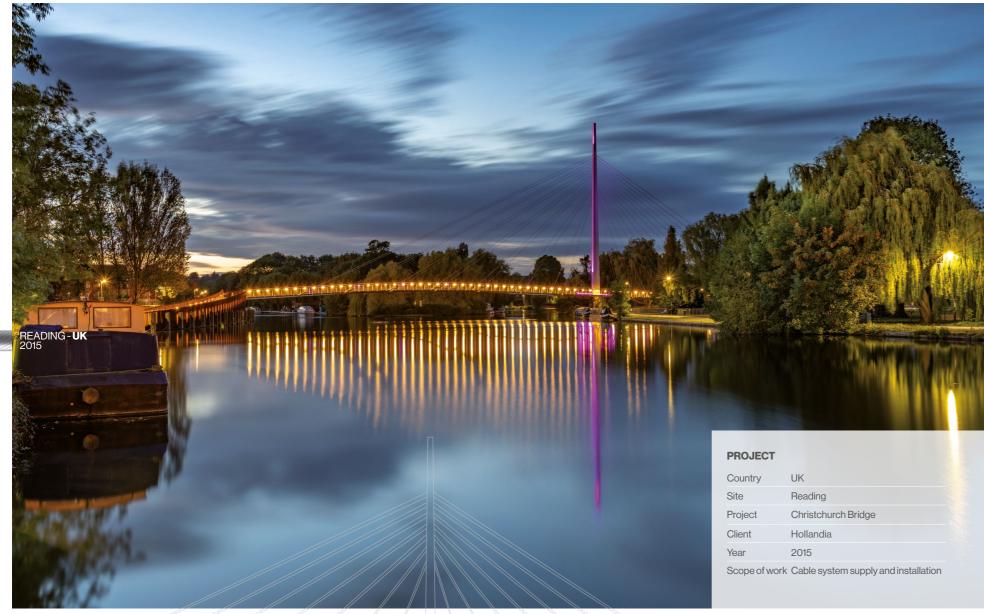
The Dubai Water Canal is one of Dubai's latest attractions. 3.2km long, it leads from the Dubai Creek in Old Dubai through the Business Bay and all the way to the Gulf. It is one of the most remarkable architectural masterpieces in the United Arab Emirates. The Dubai Water Canal includes five pedestrian bridges that offer breath-taking views of this vibrant city. Teufelberger-Redaelli delivered and installed steel cable systems for two of the five pedestrian bridges. The first bridge is a steel suspension bridge with main catenary and hanger cables featuring over a total span of 120m. What sets this bridge apart is the characteristic Y-shape of its pylons. Because of this shape, cables were delivered with special joint bearings in order to achieve their exact final configuration. The second bridge is an arch bridge with a total span of 200m and a height of 48m at mid span. This bridge special S-shape of the deck on plan creates an architectural signature that catches the eye even from a distance.

PROJECT

Country	UAE
Site	Dubai
Project	Dubai Canal Footbridges
Client	Maeg Costruzioni S.p.A.
Year	2016
Scope of work	Cable system supply and installation

BRIDGES

CHRISTCHURCH BRIDGE



CITTADELLA ROAD AND PEDESTRIAN ARCH BRIDGE



BOĞAZIÇI KÖPRÜSÜ FIRST BOSPHORUS BRIDGE



The First Bosphorus Bridge runs from Ortakoy, in Europe, to Beylerbey, in Anatolia. it is a fundamental link in Turkish transportation network, an important landmark in the marathon organised every year and it provides a matchless view of the Bosphorus. Upon its completion in 1973, had the fourth-longest suspension bridge span in the world, remaining the longest suspension bridge in Europe until the completion of the Humber Bridge in 1981, and the longest suspension bridge in Asia until the completion of the Fatih Sultan Mehmet Bridge (Second Bosphorus Bridge) in 1988. Teufelberger-Redaelli was involved in the replacement of the vertical hangers (No.240 OSS 55 cable systems for a total length of 8,640m) and supplied wrapping wires (total weight 148t).

Scope of supply was not limited to standard cable systems; bottom sockets were specially designed, and a monitoring system made by accelerometers and instrumented pins was supplied.

PROJECT	
Country	Turkey
Site	Instanbul
Project	Boğaziçi Köprüsü First Bosphorus Bridge
Client	IHI
Year	2015
Scope of work	Cable system supply

BOTLEK LIFTING BRIDGE







When opened, the New Botlek Bridge which crosses the Oude Maas River, was the largest vertical lift bridge in the world with two 50m spans and an overall length of approximately 1,250m. The bridge, which is part of the larger A15 motorway expansion, carries two double parallel lanes, two hard shoulders and a twotrack railway line. Each 4,850t span lifted once per hour to reach the 31m lifting height. It is then held for approx. 2 minutes before being lowered again.Opened to traffic in 2015, the New Botlek Bridge replaced the existing one and removed a bottleneck for ships and considerably improved the flow of traffic in the port and industrial area of Rotterdam.

Teufelberger-Redaelli supplied the hauling and the counterweight cables, as well as the connection bars system.

PROJECT	
Country	The Netherlands
Site	Rotterdam
Project	Botlek Lifting Bridge
Client	Waagner Biro Bridge Systems
Year	2014
Scope of work	Cable system supply

BRIDGES

NIJMEGEN ARCH BRIDGE

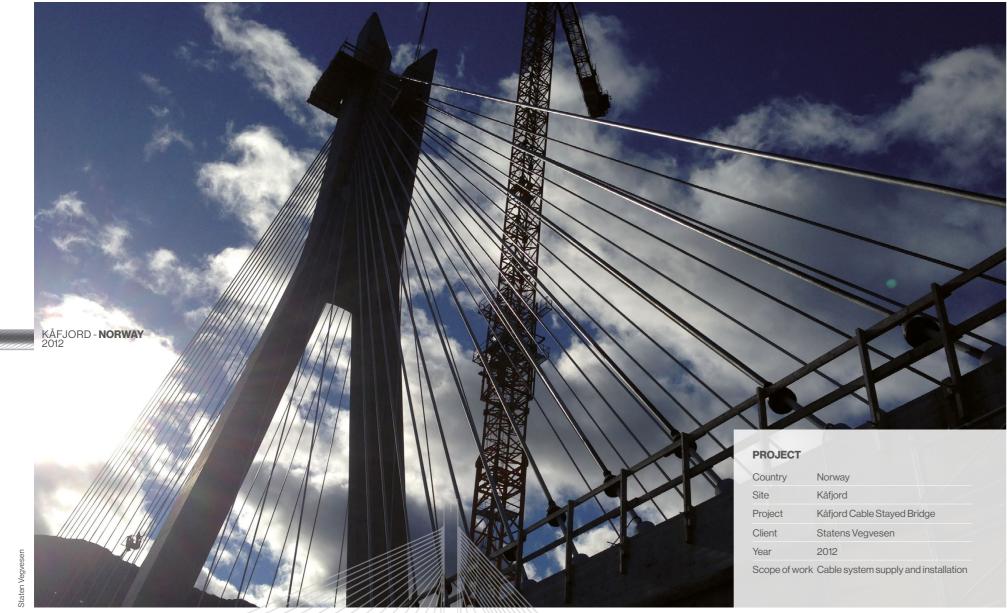


The Nijmegen Arch Bridge is a spectacular steel construction made of 7,000t steel over the River "Waal" in the Netherlands. The total length of the bridge is 1,400m made up of a succession of concrete arch approaches either side of the main span arch, which consists of a 285m long single tied arch structure. The arch rises 60m and is connected to the bridge deck by a cable system of crossed hangers. Teufelberger-Redaelli supplied the complete cable system, consisting of different sizes of FLC Cables, ranging from 13m to 80m, and performed the installation and tensioning of the crossed hanger cables. The crossed hanger's configuration made the task of installing and tensioning the cables more difficult due to significant interaction between the hangers. Estimation of final cables forces was performed using the vibration method. The completion of the Nijmegen Arch Bridge was a remarkable achievement and another valuable experience in Teufelberger-Redaelli record of projects.

PROJECT

Country	The Netherlands
Site	Nijmegen
Project	Nijmegen Arch Bridge
Client	Max-Bögl
Year	2013
Scope of work Cable system supply and installa	

KÅFJORD CABLE STAYED BRIDGE





UNIVERSITY FOOTBRIDGE



BRIDGES

REGGIO EMILIA ROAD BRIDGES



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Designed by architect Dr. Santiago Calatrava, the three bridges are part of a large scale project which includes the High Speed Train Station, improving at the same time the Northern area of Reggio Emilia, creating a new link between the city and the highway.

The overall project is made up of one central arch bridge which crosses the High Speed Railway and the A1 Highway and two stayed bridges, one on each side, that cross roundabouts and the highway entrance which connect the roads with the High Speed Train Station.

Slenderness of the arches define the aesthetic shape of all the bridges, notably on the main central arch.

The deck and the arch are linked by 50 pairs of FLC hanger cables.

The two lateral stays bridges are defined by a 70m high central arch, each one with free span of 90m+90m and 25 pairs of cables, which give the bridges a unique hyperbolic shape. Teufelberger-Redaelli supplied all cables for the three bridges.

PROJECT

Country	Italy
Site	Reggio Emilia
Project	Reggio Emilia Road Bridges
Client	Cimolai S.p.A.
Year	2005-6
Scope of work	Cable system supply and installation
Client Year	Cimolai S.p.A. 2005 - 6

FORTH ROAD SUSPENSION BRIDGE



The Forth Road Bridge is a suspension bridge connecting Edinburgh to Fife, at North Queensferry. The bridge originally opened in 1964 and at the time was the longest suspension bridge in the world outside the United States; together with the approach viaducts is a little over 2.5km in length. It replaced a centuries-old ferry service to carry vehicular traffic, cyclists and pedestrians across the Forth River.

The two main aerially spun cables from which the suspended deck is hung are 590mm in diameter. The suspended span decks are hung from the main cables by 192 sets of four hanger ropes with diameters of 44.5 and 52.4mm. The shortest hanger is 2.4m long, the longest is 90m.

Between 1998 and 2000, some fraying on one of the hangers on the west side was discovered and Teufelberger-Redaelli engaged to replace all the hangers. Each new hanger comprises a pair of ropes, each with its own single socket. This updated socket design is an improvement on the original, as it allows for just one rope of the pair to be replaced as required.

PROJECT	
Country	UK
Site	Edinburgh
Project	Forth Road Suspension Bridge
Client	MT Steel
Year	1999
Scope of wo	rk Cable system supply

STOREBÆLT EAST BRIDGE



The 2nd longest span bridge in the world when opened in 1998, the Storebælt East bridge was one of the most challenging in Teufelberger-Redaelli's history.

Thanks to their specialist expertise, knowledge and production capacity Teufelberger-Redaelli was commissioned to manufacture 9,000t of aerial spun main cable wire for one of the main cables and all the FLC hanger cables.

Due to environment conditions and high corrosion protection requirements a HDPE sheathing was applied on the hangers which were a customised design with the addition of bearings.

High wind gusts cause visible deck oscillations which meant increased strength was needed by the cables to offset aggressive fatigue forces.

Additional catwalk, sway, haulage and stabilising cables were also supplied by Teufelberger-Redaelli for the catwalk system used to spin the main cables.

Despite the mammoth quantities and the exacting technical requirements involved, Teufelberger-Redaelli was able to meet the production and delivery schedule of less than 2 years.

PROJECT

	- ·	-	
	Country	Denmark	
	Site	Storebælt	
	Project	Storebælt East Bridge	
	Client	COINFRA	
	Year	1995 - 7	
	Scope of work	Cable system supply	



ESTADIO CIUDAD DE VALENCIA (LEVANTE UD STADIUM)



The stadium "Ciutat de Valencia", home of the spanish football club Levante UD, has a capacity of approx. 25,000 seats and it was built in the late '60s. Over the last few years, the stadium has become outdated, needing to get some significant improvements to be in compliance with La Liga's broadcasting requirements and to offer fans a better matchday experience. Due to its singular location, just inside the neighbourhood of the city and close to a council area, that didn't permit to be expanded, Levante UD studied a challenging renovation project which could give the vision of what a modern stadium should be, without violating the strict restrictions mentioned. The main objectives to be reached were to fulfil the broadcasting regulation, to add a new roof covering the entire perimeter of the stadium, to improve the lighting and sound system as well as a new SkyCam, to create a new concept for the overall fan experience. In this amazing project, Teufelberger-Redaelli was contracted to supplying and installing the entire cable net supporting the new roof, comprising FLC cables and steel struts, as well as the top membrane comprising PVC fabric and steel arches.

PROJECT

	Country	Spain
	Site	Valencia
	Project	Estadio Ciudad de Valencia (Levante UD Stadium)
	Client	Grupo Bertolin SA
	Year	2020
	Scope of work	Cable system and membrane supply

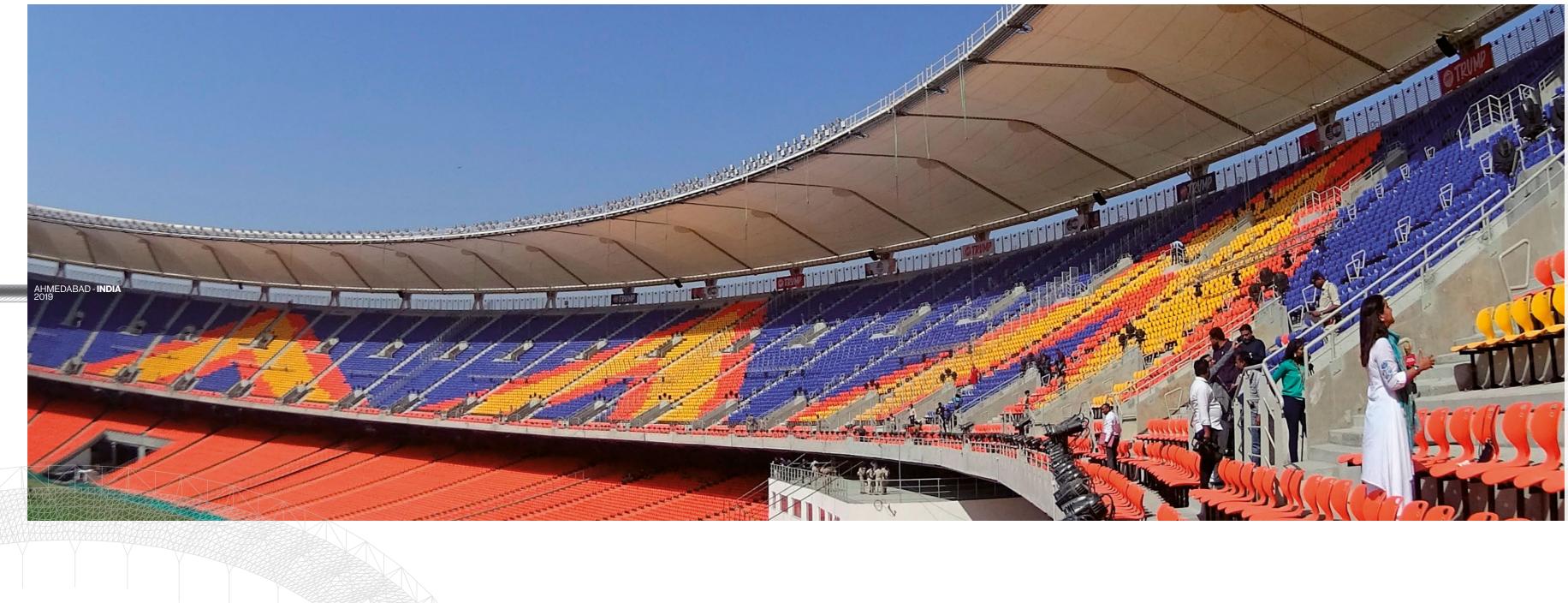
KEN ROSEWALL ARENA



The Ken Rosewall Arena is a multi-purpose covered arena that was originally constructed for the Sydney 2000 Olympic games and hosts tennis, netball and other indoor courtbased sports as well as cultural events. This all-weather venue with 10,500-seat capacity was designed by Cox Architecture and Arup. The 100m span suspended roof with 8,000m2 area is supported by a cable net composed of FLC 30mm, FLC 40mm and FLC 50mm cables with fixed and adjustable fork sockets TTF and TBF.

PROJECT	
Country	Australia
Site	Sidney
Project	Ken Rosewall Arena
Client	Fabritecture
Year	2019
Scope of work	Cable system supply

SARDAR PATEL MOTERA STADIUM



Motera Cricket Stadium, located in Ahmedabad (India), is the largest capacity cricket stadium in the world with seating for 110,000 spectators. The existing stadium was demolished in October 2015 to allow for this mega scale renovation. Owned by Gujarat Cricket Association, it's able to accommodate several other required features, like Club House with 55 rooms, indoor and outdoor games, restaurants, Olympic size swimming pool, gymnasium, party area, 3D projector theatre, 2 other cricket grounds with smaller pavilion area, facilities for multiple other sports like football, hockey, basketball, boxing, lawn tennis, and finally also a running track. Teufelberger-Redaelli contributed to the realisation of this large project, and particularly to the construction of the roof. The PTFE (Polytetrafluoroethylene) roof with a circle shape and a circumference of about 1,000m length, is supported by tension ring and radial cables, in total 280 ropes in six different diameters, supplied by Teufelberger-Redaelli. Teufelberger-Redaelli's scope included also installation and tensioning of cables, giving a big contribution to this challenging project.

PROJECT	
Country	India
Site	Ahmedabad
Project	Sardar Patel Motera Stadium
Client	Larsen&Tubro Limited Construction
Year	2019
Scope of work	Cable system supply and installation





Teufelberger-Redaelli supplied the tension ring cable system to support roof of the new Adana Stadium in Turkey.

The new 33,000-seat stadium has a 24,000m2 roof and will host soccer matches for the two Adana teams. Teufelberger-Redaelli's scope for the project was providing the roof's cable net design, the cable supply, the cable installation and the big lift synchronised tensioning of the 184 steel radial cables from 40 up to 100mm of diameter. The total cable length was 8,080m, resulting in a total cable net mass of approx. 250t including the cable sockets. All site activities were performed successfully, despite the complexity of such a large building site and the challenge of several concurring site activities, each step related to the installation and tensioning of the cable system has been subjected to the strictest controls.

PROJECT	
Country	Turkey
Site	Adana
Project	Adana Koza Arena
Client	Alkatas Insaat Ve Taahhut As & Ilgazlar
Year	2018
Scope of work	Cable system supply and installation

PAUL BIYA STADIUM



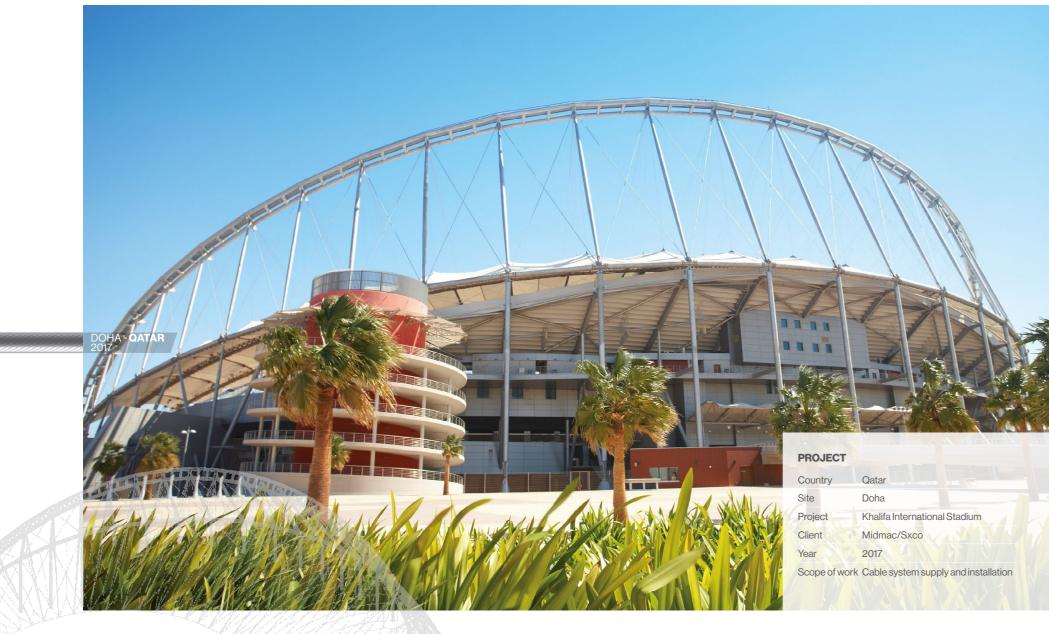
The Paul Biya Stadium, with a capacity of 60,000 seats and footprint dimensions of approx. 300mx245m, is the most iconic structure of the larger Olembe Sports Complex. It was initially designed to host the 2019 Africans Nations Cup tournament.

The construction of the stadium and the entire complex allows Cameroon to host major sporting events, and additionally gives new life to the economy of the entire city by renovating the neighbourhood that hosts it.

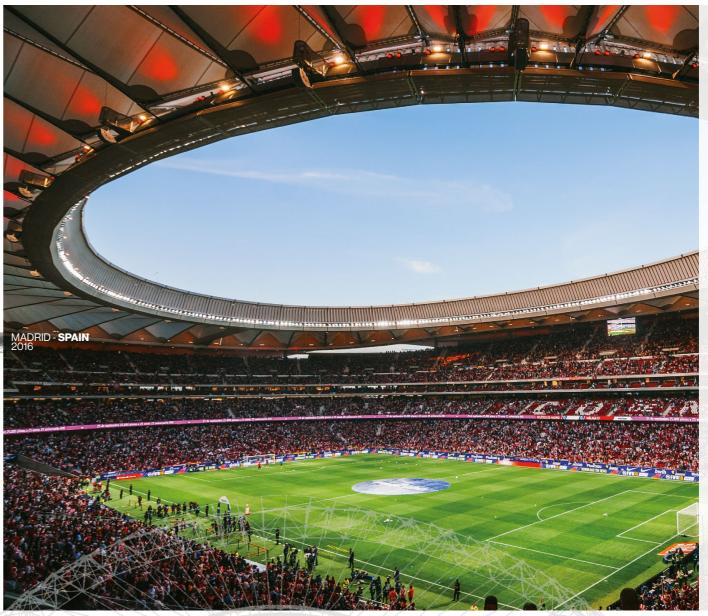
The structure is composed of a tension ring of 6 FLC 108mm cables, a perimeter compression ring, and 68 radial cables with diameter FLC 64mm and FLC 92mm. There are 68 compression flying masts that support the braced hybrid beams with a span of about 40m. The stadium cable net utilises a total of 290 cables totalling approx. 11,300m of cable and 450t including sockets.

PROJECT	
Country	Cameroon
Site	Yaoundé
Project	Paul Biya Stadium
Client	Maeg Costruzioni S.p.A.
Year	2018
Scope of work	Cable system supply

KHALIFA INTERNATIONAL STADIUM



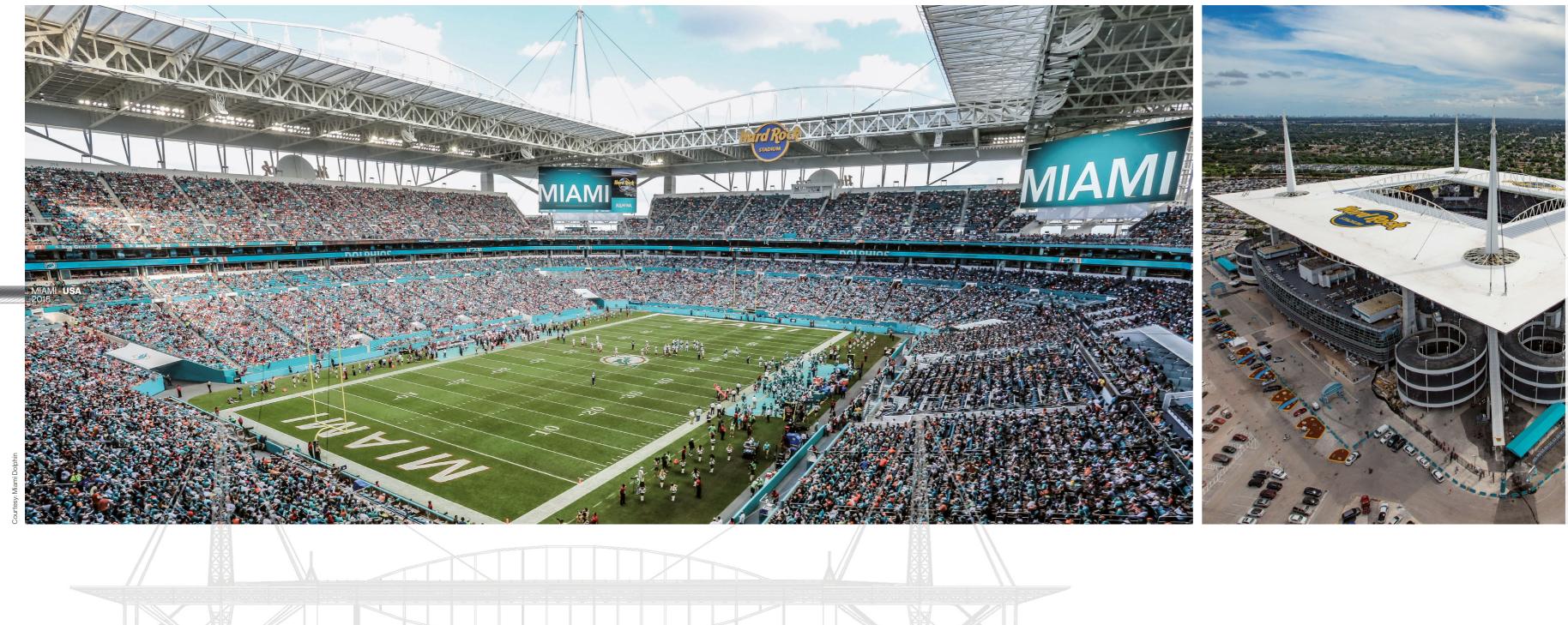
WANDA METROPOLITANO



The new Estadio Wanda Metropolitano is a home for the Spanish Premier League soccer team Atletico Madrid. Originally built in 1990 as the host venue for the 1997 World Athletics Championship the unused stadium was bought in 2013 by Atletico Madrid and underwent intensive renovation. Now with a capacity of 67,703 seats it reopened for the first game of the La Liga season on 16th September 2017. The renovation of the stadium includes a new lightweight tensile roof, which covers almost the entire seating area for an overall surface of 46,500m2. The roof is made according to the bicycle spoke wheel construction principle, with an external steel compression ring and two internal tension rings made by FLC cables. Between the compression ring and the tension ring the system of radial cables is installed in order to support the PTFE membrane. The new Estadio Wanda Metropolitano also had the distinction of hosting the UEFA Champions League Final in 2019 between Liverpool FC and Tottenham Hotspur FC.

PROJECT		
Country	Spain	
Site	Madrid	
Project	Wanda Metropolitano	
Client	Taiyo Europe Gmbh	
Year	2016	
Scope of work	Cable system supply	

HARD ROCK STADIUM



The Hard Rock Stadium (formerly known as the Sunlife Stadium) in Miami is home to the Miami Dolphins NFL and University of Miami football teams. The 65,000-seat facility had a USD 500M major renovation over a 3-year period and is now a truly world class sports entertainment venue. One of the most striking features of the new Hard Rock Stadium is the giant cable supported canopy roof with a total surface area of 58,000m2 including 8,800m2 of translucent ETFE. The canopy is supported by a Teufelberger-Redaelli FLC 128 and FLC 90 structural cables in a cable stayed structural form radiating out from four new steel pylons located at each of the corner sections of the roof. Further tie down cables complete the Teufelberger-Redaelli supply. The new canopy roof is designed to withstand wind speeds of up to 250km/hour which is equivalent of a category IV hurricane. The cable system is made up of 64 individual cable assemblies. Teufelberger-Redaelli's scope was the manufacturing, supply, specialist tensioning equipment and installation supervision.

PROJECT	
Country	USA
Site	Miami
Project	Hard Rock Stadium
Client	Hillsdale Fabricators
Year	2016
Scope of work	Cable system supply and installation

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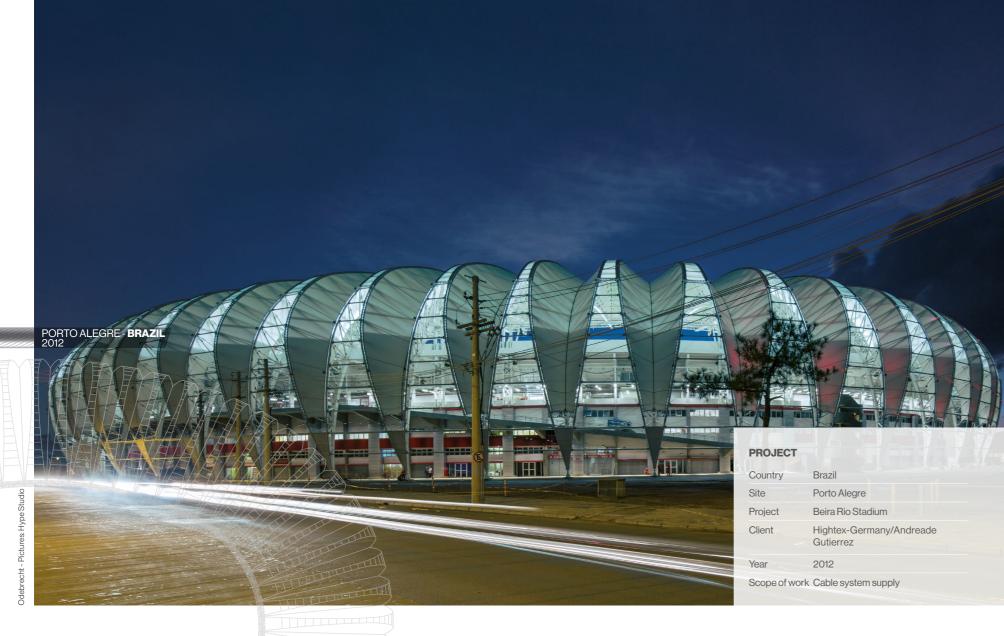
KRASNODAR STADIUM



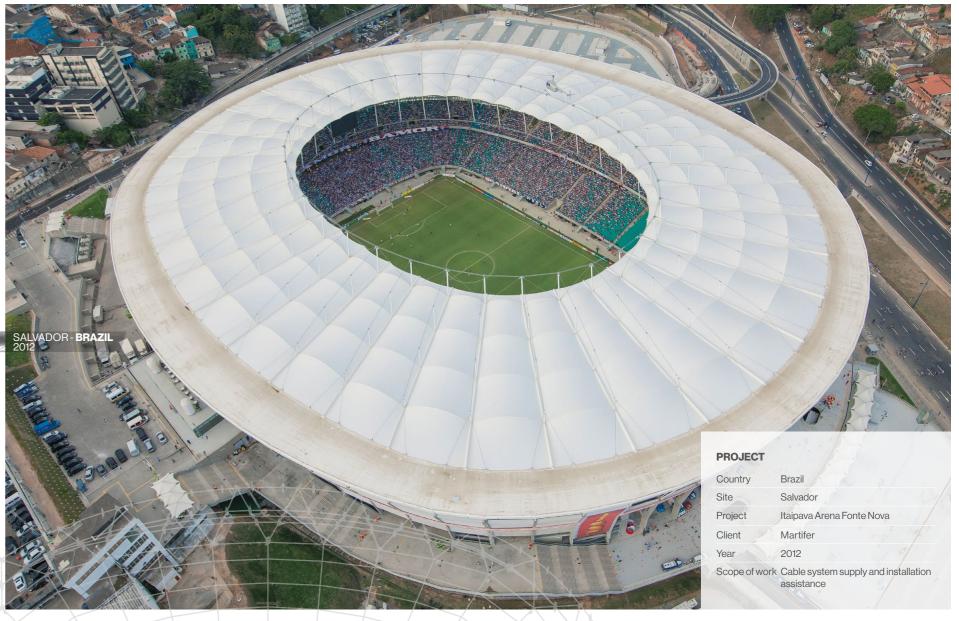
Krasnodar Stadium, home of Russian Premier League team FC Krasnodar, has a capacity of 36,260 seats. The stadium roof is designed as a cable net roof made up of two outer steel compression rings and one interior cable tension ring. The roof is covered by a membrane material with the inner perimeter towards the pitch is built using a 7m glazed roof to improve the natural lighting to the pitch. The radial cables run on 56 axes from compression to tension rings. All cables forming the tension ring are connected by couplers, thus creating round cables. Teufelberger-Redaelli took part in the project providing the supply, installation and synchronised "big lift" of 416 steel cables - a total weight of 500t including sockets and cast ring connectors. Despite the complexity of such a large building site, extreme weather conditions and the challenge of several concurring site activities, great precision controlled each stage of the cable installation and tensioning.

PROJECT	
Country	Russia
Site	Krasnodar
Project	Krasnodar Stadium
Client	JSC Severstal-Metiz
Year	2015
Scope of wor	k Cable system supply and installation



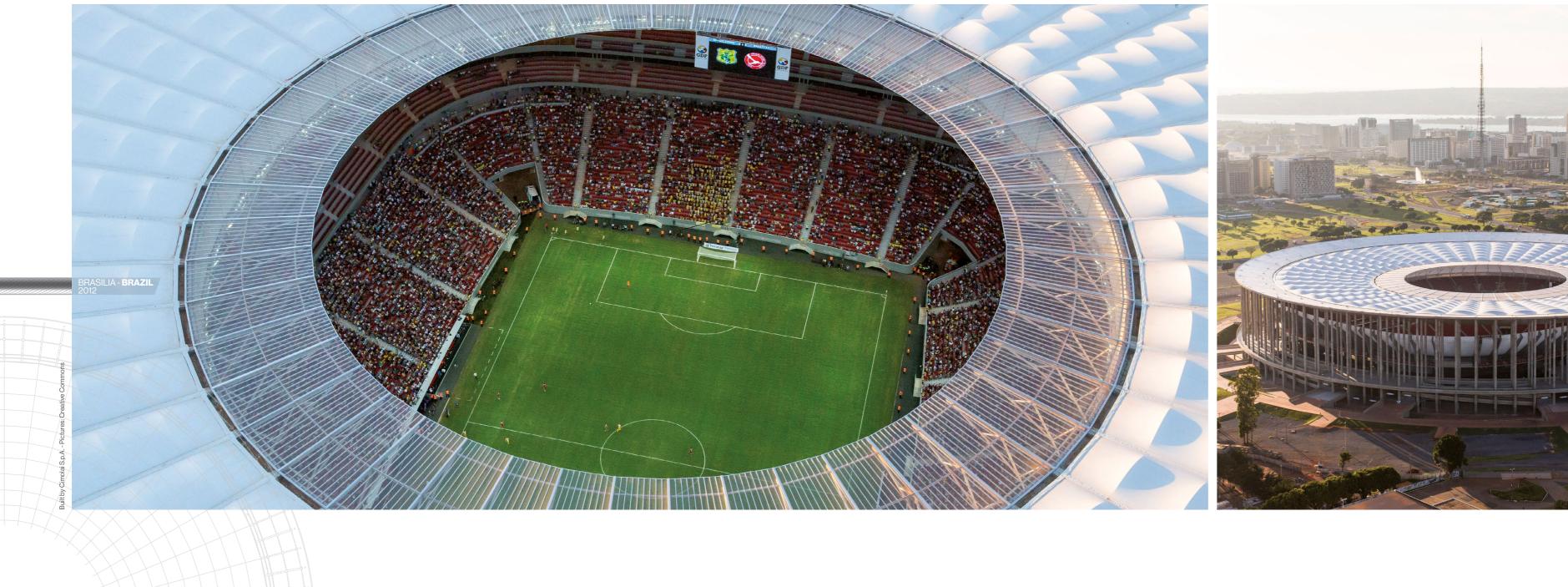


ITAIPAVA ARENA FONTE NOVA



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ESTÁDIO NACIONAL MANÉ GARRINCHA



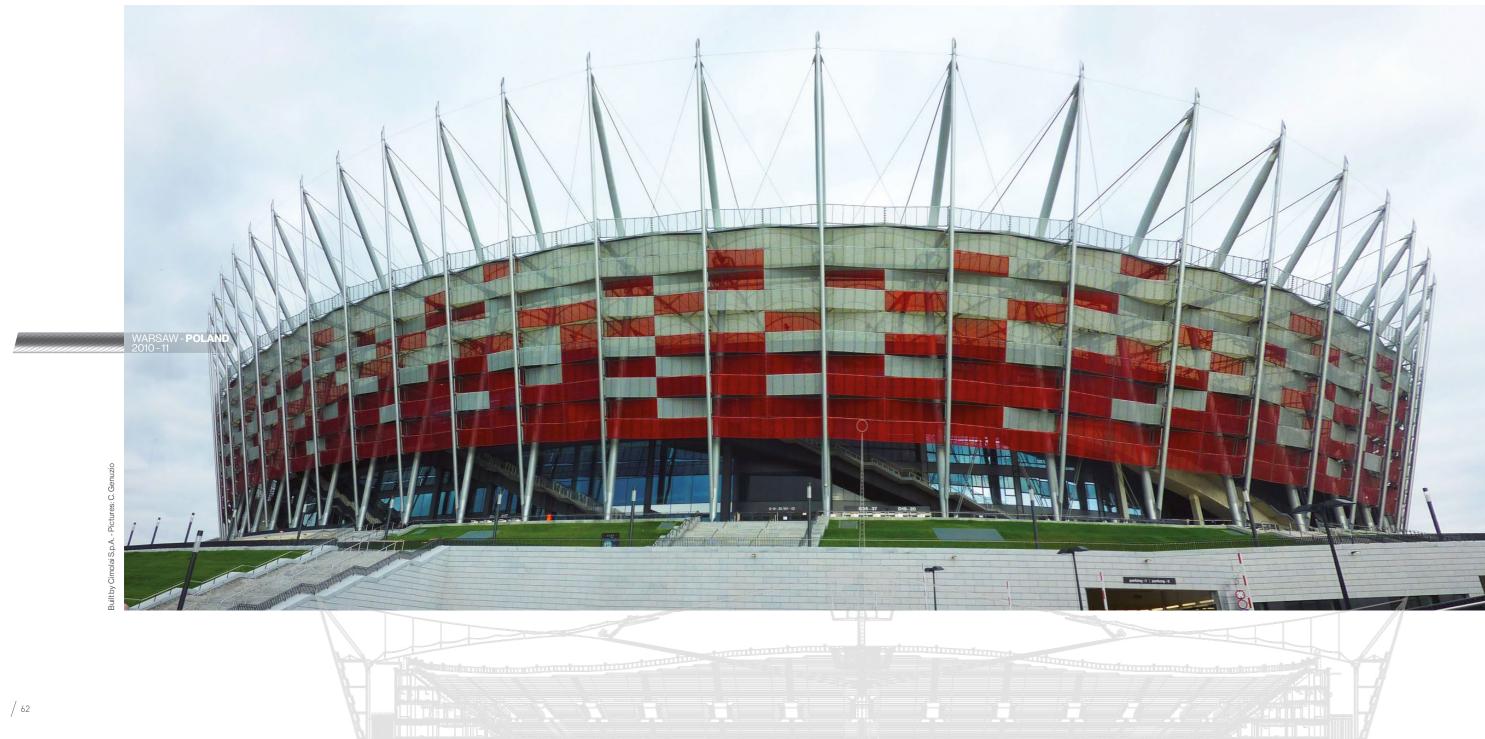
National Mané Garrincha Stadium was constructed on the site of the former Brasilia Stadium. With its 72,800-seat capacity the stadium hosted the opening game of FIFA Confederation Cup in 2013 and hosted seven matches during the FIFA World Cup 2014 tournament including the 3rd place match. The stadium was also selected to host some games of football tournament of 2016 Summer Olympics.

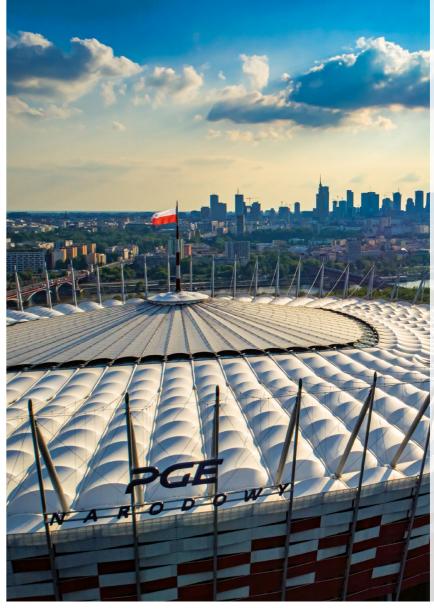
Since the stadium is located on the central axes of Brasilia and it is the largest city's building, the objective of the design was to develop a solution with a clear reference to city's history which has been declared UNESCO World Heritage Site. A circular esplanade surrounds the stadium bowl forming a forest of concrete columns, the suspended roof is circular with a double-skin structure, the upper layer consists of a PTFE-glass roof, the lower of an open mesh.

Teufelberger-Redaelli supplied the cable system for the suspension roof, including a total of nearly 250 cables FLC and OSS.

PROJECT	
Country	Brazil
Site	Brasilia
Project	Estádio Nacional Mané Garrincha
Client	Entap Engenharia/Construcoes Ltda
Year	2012
Scope of wor	k Cable system supply

PGE NARODOWY NATIONAL STADIUM





The Warsaw National Stadium (Stadion Narodowy) hosted the opening of the UEFA 2012 Euro football Championship. The football stadium has a seating capacity of 55,000 across two tiers on 10 levels. Construction started in 2008 and was completed in June 2011. The permanent roof covers the entire seating bowl whereas the inner roof above the field is designed as a retractable roof. The roof is based on the spokes of a bicycle wheel principle. In all the column axis the cable structure is composed of an upper radial cable, a lower radial cable and a series of hangers in between connected from the compression ring and the upper pick up points to the 4 upper tension ring cables and to the 6 lower tension ring cables. The inner roof consists of 60 radial orientated cables that span from the spire in the centre of the structure to the upper tension ring composing the primary structure of the retractable roof. The central needle is stabilised and supported by 12 suspension cables 145mm diameter.

PROJECT	
Country	Poland
Site	Warsaw
Project	PGE Narodowy National Stadium
Client	Cimolai S.p.A.
Year	2010-11
Scope of wo	ork Cable system supply and installation

ALLIANZ STADIUM (JUVENTUS STADIUM)



Juventus Stadium, currently named Allianz Stadium is the first new build stadium in Italy for several decades. Located in the northern district of Turin city the 41,000-seat capacity stadium is built on the site old Delle Alpi stadium. The demolition of the old stadium began in 2008 and the new stadium was officially opened on 8th September 2011. The 123mx88m rectangular steel king truss roof is suspended in each of the four corners by bundles of FLC cables which pass over a large saddle on top of the two 90m high bipod pylons which are located outside the stadium bowl. The pylons are in turn cable stayed to ground anchors with FLC tie down cables. The roof corners are also stabilised by four pairs of vertical FLC tie down cables, and horizontal cables. All cables are FLC 104mm except the horizontal cables.

PROJECT	
Country	Italy
Site	Turin
Project	Allianz Stadium (Juventus Stadium)
Client	FipIndustriale
Year	2010 - 11
Scope of work	Cable system supply and installation

BC PLACE VANCOUVER STADIUM



BC Place Stadium is a multipurpose venue in Vancouver which hosts an incredible range of events: sport games including football, Canadian and Australian football, baseball, soccer, motorsports, athletics, trade shows and conventions, concerts and community events. On September 1984 BC Place hosted the papal visit to the Archdiocese of Vancouver of Pope John Paul II, with over 65,000 people attendance. Furthermore in 2010 welcomed the opening and closing ceremonies of the XXI Olympic Winter Games, the 10th Paralympic Winter Games and the Championship Final of the FIFA Women's World Cup in 2015. The original construction was completed in 1983, as part of the preparation for the 1986 World's Fair, Expo 86 and was been the world's largest air-supported dome stadium until May 2010. From 2009 to 2011 major renovations were carried out on BC Place Stadium, including new cable-supported retractable roof. Teufelberger-Redaelli with its division tensile structure supplied the main tension ring cables, made up of more than 6,000m of full locked coil cables FLC 125 with couplers CYC.

ROJECT	
ountry	Canada
e	Vancouver
oj <mark>ect</mark>	BC Place Vancouver Stadium
ent	Freyssinet International
ar	2010
one of work	Cable system supply

MUNICIPAL STADIUM OF BRAGA



One of Portugal's prestigious new build stadiums for the UEFA 2004 Euro football championships.

This strikingly unique stadium is now well known globally for being sympathetic to the surrounding environment. Behind one goal is a dramatic rock face of a mountain side with elevated views of the city of Braga behind the opposite goal. The first 15,000-seat spectator stand is piled into the mountainside whilst the other free standing 15,000-seat capacity stand leans back and is supported by the ground anchored stand through a horizontal cable net.

Teufelberger-Redaelli cables are used to support the suspended roof which is made up of large concrete panels which were slid into position along the cable net. The weight of these panels was used to stabilise the roof under the wind loading. To aid this process the free length of the cables with no concrete panels were fitted with different sizes and types of TMD (tuned mass dumpers) to reduce wind vortexes.

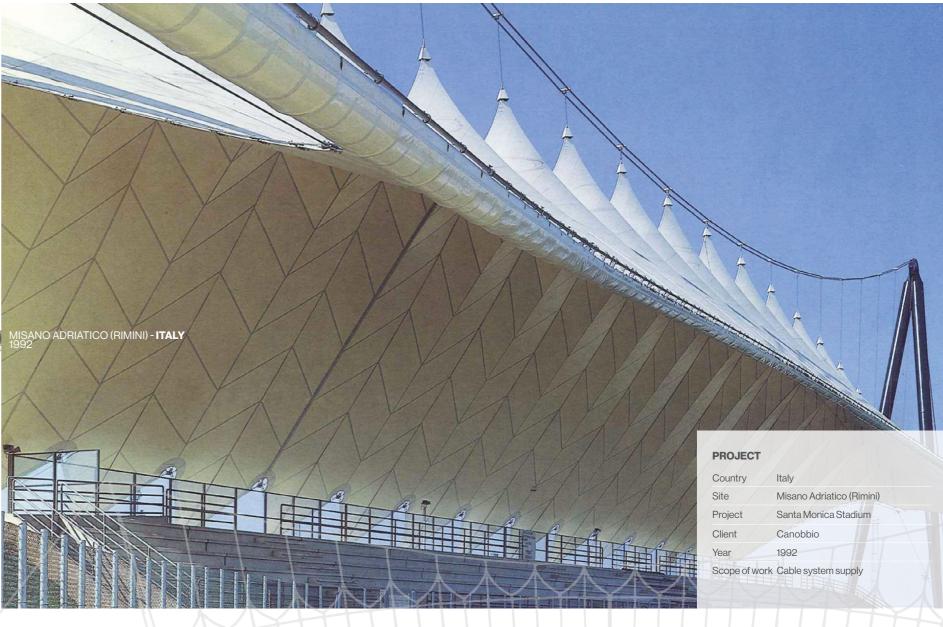
To monitoring tension level in the cables, load cells on anchorage block were installed.

PROJECT

Country	Portugal
Site	Braga
Project	Municipal Stadium of Braga
Client	Assoc-Soares da Costa
Year	2002-03

Scope of work Cable system supply and installation

SANTA MONICA STADIUM



STADIA

ROME OLYMPIC STADIUM



The original stadium was built in the 1960 for the Olympic Games, in 1984 began the task of enlarging the structure ready for the FIFA 1990 World Cup tournament in Italy.

This roof is the first example of spoke wheel roof structural system, that today is widely used on many long span roof stadiums around the world. The roof structure had been conceived, studied and constructed between the end of 1988 and the April 1990, in total a 16-month programme.

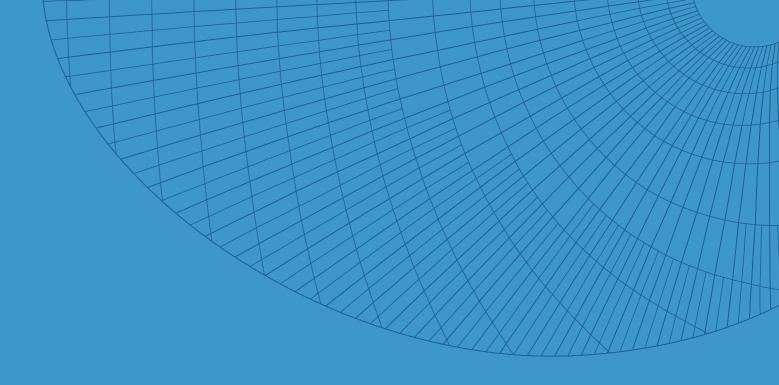
The origin of the Rome Olympic Stadium roof covering is the result of a various requests after the associations for the environment appealed to the regional court in January 1988 complaining against the visual impact of the tendered project. The final design agreed was the new concept of spoke wheel, a flat and elegant structure (only 12m high) covered by lightweight system.

Teufelberger-Redaelli delivered 14,000m of cables with an overall weight of 500t together with the installation and tensioning. Truly the first challenging step in Modern Era Stadia construction.

PROJECT

Country	Italy			
Site	Rome			
Project	Rome Olympic Stad	dium		
Client	Olimpico'90			
Year	1990			

Scope of work Cable system supply and installation



SPECIAL PROJECTS

SPECIAL PROJECTS AL WAHDA 5/6 ARCHES



esigned by Erik Behrens @AEC

The 5/6 Arches at the intersection point of route 5 and 6 is already proving to be an iconic project and one that defines the new skyline of Qatar. Teufelberger-Redaelli's contribution to this structure was manufacturing the cables, supplying the clamps, engineering the cable net installation and tensioning. The two arches are the tallest monument in Qatar, weighing more than 9,300t of steel. The construction is part of the Lusail Express way, a 5.3km route connecting central Doha with Lusail city. The arch measures 147m in length, while the smaller arch spanning 140m in length. The cable net that links the two arches together has a pattern of valley cables and two groups of diagonal cables in opposite directions. The three-dimensional geometry of the structure was a challenge for the installation and tensioning of cables.

	PROJECT	
	Country	Qatar
ι.	Site	Doha
	Project	Al Wahda 5/6 Arches
	Client	Eversendai Engineering Qatar WLL
	Year	2017
	Scope of work	Cable system supply and installation

SPECIAL PROJECT

PROJECTS THE SHED CULTURAL CENTER



esigned by Thornton Tomas

This iconic structure, known also as "The Shed", was designed by leading architect Diller Scofidio Renfro and structurally engineered by Thornton Tomasetti. It is a cultural centre in the centre of the Hudson Yards development on lower Westside Manhattan which plans to host many cultural events including for art, performance, film, design, food, fashion, and new combinations of cultural content.

In total the Shed is a 16,000m2 visual arts and performing arts centre.

The Cultural Shed is made up of two structural volumes, one fixed and attached to 15 Hudson Yard skyscraper, and the other retractable on the first, made by steel frames covered by PTFE, which slides on giant wheels on rails.

On the fixed unmovable inner portion, translucent panels compose the facades. Teufelberger-Redaelli cables provide the support to facade elements, clamped on vertical cables by spider joints.

Teufelberger-Redaelli supplied, installed and tensioned No.37 FLC 30mm cables equipped with fixed fork sockets on the top (TTF) and adjustable fork socket (CYR) on the bottom.

PROJECT

Country	USA
Site	New York
Project	The Shed Cultural Center
Client	C & S Walls s.r.l.
Year	2017
Scope of work	Cable system supply and installation

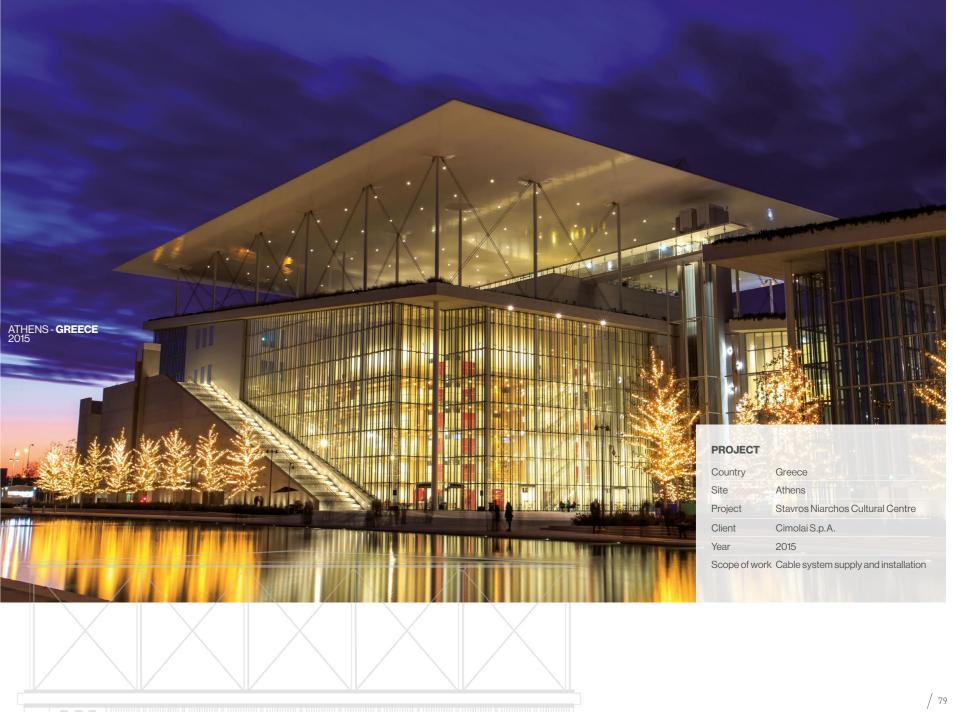
SAN DIEGO CONVENTION CENTER



The San Diego Convention Center is located in the Marina district of downtown San Diego where it provides 57,200m2 of exhibit area, 72 meeting rooms and a capacity of 125,000 people. The architectural centrepiece of the Convention Center is the roof of Sails Pavilion that mirrors the nearby marina for which Teufelberger-Redaelli contributed to its construction. The Sails Pavilion is a 8,400m2 exhibit and special event area; it can accommodate a multitude of events from trade shows, food and beverage functions to new product introductions and concerts. The renovation of Sails Pavilion has included a complete replacement of the roof, that includes Teflon-coated fiberglass "sails" supported by steel cables. Thanks to 136 cable assemblies which make up the new complex cable net structure supplied by Teufelberger-Redaelli. This impressive roof structure is brought to life at night time with an incredible LED colored light display.

PROJECT	
Country	USA
Site	San Diego
Project	San Diego Convention Center
Client	Birdair Inc.
Year	2017
Scope of work	Cable system supply and installation

SPECIAL PROJECTS STAVROS NIARCHOS CULTURAL CENTRE



/ LAS VEGAS HIGH ROLLER WHEEL



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When opened in 2014, the 168m tall High Roller Wheel in Las Vegas was the tallest passenger carrying giant observation wheel in the world. Located just off the central area of the famous Las Vegas Boulevard, the structure is part of the LINQ development, a district developed by Caesars Entertainment opposite Caesars Palace hotel, devoted to leisure and shopping. The attraction has been a huge success, working seven days a week with a constant flow of tourists who want to enjoy the bird's eye view over Las Vegas and the surrounding area. A complete rotation takes just over 30 minutes. Teufelberger-Redaelli designed and manufactured the cable system, made up of No.112 FLC cables which included a unique design with three depressed grooves in the cable outer layers to help prevent wind and rain induced vibrations and improve the stability of the structure. Fixed and adjustable sockets were designed and produced specifically for this project.

PROJECT	
Country	USA
Site	Las Vegas
Project	Las Vegas High Roller Wheel
Client	Freyssinet France
Year	2014
Scope of wor	k Cable system supply

KHAN SHATYR ENTERTAINMENT CENTRE



lictures: © Contrat

The Khan Shatyr Entertainment Centre is an iconic multi-purpose retail and leisure facility located at the pinnacle of the main boulevard in Astana, Kazakhstan. One of the tallest tensile structures in the world, the building provides the city with a focal point for people to congregate for civic, cultural and social events. The structure is designed by UK architects Sir Norman Foster and Partners in line with local traditions as a giant transparent tent that evokes the traditional nomadic building form. A 150m high mast with a tubular-steel tripod supports a complex net of cables with a 200x195m elliptical base. The contribution of Teufelberger-Redaelli to this giant structure embraced all the challenges relating to the cable net.

Teufelberger-Redaelli supplied the sets of radial and hoop cables. The cable net supports a three-layer envelope, which allows sunlight through and at the same time maintains an ambient microclimate all year round in a location that experiences extreme temperature variations (-35°C to +35°C).

PROJECT

Country	Kazakhstan
Site	Astana
Project	Khan Shatyr Entertainment Centre
Client	Montage service
Year	2008-09
Scope of work	Cable system supply



THE LONDON EYE





One of the most famous structures in the world, the London Eye is the tallest (135m) observation wheel in Europe. Opened in 2000 as part of the Millennium celebrations for an initial 5-year tenure, this structure remains operational in great condition more than 20 years later. The wheel has 32 cabins each with a capacity of 25 passengers giving a maximum daily capacity of 10,000 people. The London Eye was designed by Marks Barfield Architects with Arup. The structure is a true European project, with seven different countries involved as suppliers. Teufelberger-Redaelli designed and manufactured 5,000m of cables and has since manufactured replacement spokes and rotational cables as part of the ongoing inspection and maintenance programme.

PROJECT	
Country	UK
Site	London
Project	The London Eye
Client	Hollandia
Year	1999
Scope of work	Cable system supply and installation

SPFCIAL PROU





PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
PEDESTRIAN BRIDGE IN ATHENS	GRC	ATHENS	ELEMKA S.A.	CABLE SYSTEM SUPPLY	INPROGRESS
LOANO CHURCH MAINTENANCE	ITA	LOANO (SV)	PARROCCHIA SAN PIO X	MAINTENANCE	INPROGRESS
DUBAI FLARE STACK - CABLES REPLACEMENT	UAE	DUBAI	AL MASAOOD OIL INDUSTRY	CABLE SYSTEM SUPPLY	INPROGRESS
PENSILEVA-Q8 CABLE STAYED ROOF	ITA	PADERNO DUGNANO (MI)	S.A.C.I.F.SRL	CABLE SYSTEM SUPPLY	INPROGRESS
EGYPTIAN ARMY STADIUM	EGY	CAIRO	ORASCOM CONSTRUCTION S.A.E	CABLE SYSTEM SUPPLY AND INSTALLATION	INPROGRESS
FRONT FOOTBRIDGE	ITA	FRONT (TO)	O.M.C. DI GRAGLIA GEOM. GIUSEPPE SR	CABLE SYSTEM SUPPLY AND INSTALLATION	INPROGRESS
FIRST OGRE BRIDGE	LT	RIGA	SIA OK BUVMATERIALI	CABLE SYSTEM SUPPLY	INPROGRESS
STAYED CABLE FOOTBRIDGE KORNIK	PL	KORNIK	ATM SP. Z O.O.	CABLE SYSTEM SUPPLY	INPROGRESS
MARINA DECK STAYED CABLE FOOTBRIDGE	AT	WIEN	PORR BAU GMBH	CABLE SYSTEM SUPPLY	INPROGRESS
STRÖMSUND BRIDGE	SWE	STRÖMSUND	TRAFIKVERKET	CABLE SYSTEM SUPPLY	INPROGRESS
PEDESTRIAN BRIDGE SOUTH FRANCE	FR	CHÂTEAU-ARNOUX- SAINT-AUBAN	JOLY & PHILIPPE	CABLE SYSTEM SUPPLY	INPROGRESS
LIFTING BRIDGE TROLLHATTAN	SWE	TROLLHATTAN	TRAFIKVERKET	CABLE SYSTEM SUPPLY	INPROGRESS
PARKLINKS BRIDGE	PHL	QUEZON	BBR PHILIPPINES CORPORATION	CABLE SYSTEM SUPPLY AND INSTALLATION	INPROGRESS
ONE PORT WILTON FACADE	IRL	DUBLIN	PERMASTEELISA S.p.A.	CABLE SYSTEM SUPPLY AND INSTALLATION	INPROGRESS
HLUBOKÁ BRIDGE 1-2	CZ	HLUBOKÁ	TENSION SYSTEMS S.R.O.	CABLE SYSTEM SUPPLY	INPROGRESS
ORSOLINA THEATER	ITA	ASTI	CO.GE.FA SPA	CABLE SYSTEM SUPPLY AND INSTALLATION	INPROGRESS
CABLENETROOF	IRQ	ERBIL	ASMA GERME MEMBRAN SISTEMLERI	CABLE SYSTEM SUPPLY AND INSTALLATION	INPROGRESS
WONJU GANHYUN 2 ND SUSPENSION BRIDGE	KOR	WONJU-SI	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	INPROGRESS
STAYED CABLE BRIDGE	СН	GENEVA	SOTTASSA	CABLE SYSTEM SUPPLY AND INSTALLATION	INPROGRESS
ARCH BRIDGES SS.99 MATERA	ITA	MATERA	COMESSRL	CABLE SYSTEM SUPPLY AND INSTALLATION	INPROGRESS
ESTADIO CIUDAD DE VALENCIA (LEVANTE UD STADIUM)	ESP	VALENCIA	GRUPO BERTOLIN	CABLE SYSTEM AND MEMBRANE SUPPLY AND INSTALLATION	INPROGRESS
OCEANPIREN FOOTBRIDGE	SWE	HELSINGBORG	PEAB ANLAGGNING AB	CABLE SYSTEM SUPPLY AND INSTALLATION	INPROGRESS
BRIDGE ON THE HIGHWAY A26	AT	LINZ	MAEG COSTRUZIONI S.P.A.	CABLE SYSTEM SUPPLY	INPROGRESS
FOOTBRIDGE SHARJAH	UAE	SHARJAH	HARDCO BUILDING CONTRACTING LLC.	CABLE SYSTEM SUPPLY AND INSTALLATION	INPROGRESS
SAINT ELIJO SUSPENSION BRIDGE	USA	SAN DIEGO COUNTY	SCHWAGER DAVIS, INC.	CABLE SYSTEM SUPPLY	INPROGRESS
WANJU DAEDUNSAN SUSPENSION BRIDGE	KOR	WANJU-GUN	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	INPROGRESS
CHEONGPYEONGSA SUSPENSION BRIDGE	KOR	CHUNCHEON-SI	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	INPROGRESS

PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
MONTEVIDEO ARCH BRIDGE	URY	MONTEVIDEO	GRUPO DIZMAR	CABLE SYSTEM SUPPLY	2020
YANGNYEONGSAN SUSPENSION BRIDGE	KOR	OKCHEON-GUN	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	2020
KOSZALIN AMPHITHEATER	PL	KOSZALIN	ATM SP. Z O.O.	CABLE SYSTEM SUPPLY	2020
THAMES BRAY BRIDGE	UK	MAIDENHEAD	BALFOUR BEATTY VINCI JV	CABLE SYSTEM SUPPLY AND INSTALLATION	2020
LOTTE TOWER SUSPENSION BRIDGE	KOR	SEOUL	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	2020
FACADE KING ABDULLAH FINANCIAL DISTRICT	SAU	RIYADH	GIUGIARO ARCHITETTURA & STRUCTURES	INSTALLATION	2020
TJORN BRIDGE	SWE	TJORN	SVEVIA AB	CABLE SYSTEM SUPPLY	2019
SOLKAN FOOTBRIDGE	SLO	SOLKAN	KASKADERD.O.O.	CABLE SYSTEM SUPPLY	2020
ULSAN DAEWANGAM SUSPENSION BRIDGE	KOR	ULSAN	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	2020
TAFF VALE FOOTBRIDGE	UK	TAFFVALE	CENTREGREAT ENGINEERING LTD	CABLE SYSTEM SUPPLY	2020
FIRST OGRE BRIDGE	LT	RIGA	SIA OK BUVMATERIALI	CABLE SYSTEM SUPPLY	2020
SWAN BRIDGE ZIPLINE	AUS	PERTH	ARCUS WIRE	CABLE SYSTEM SUPPLY	2020
FORCHACH HANGERBRÜCKE	А	REUTTE	HTB BAUGESELLSCHAFT M.B.H.	CABLE SYSTEM SUPPLY	2020
JECHEON OKSUN SUSPENSION BRIDGE	KOR	JECHEON-SI	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	2020
TWO BRIDGES CANYON PROJECT	GEO	TSALKA	ELITA BURJI LTD	CABLE SYSTEM SUPPLY	2020
MEMBRANE IN SPAIN	ESP	LASPALMAS	GARCITECNIA, S.L.	CABLE SYSTEM SUPPLY	2020
CAVA DÈ TIRRENI FOOTBRIDGE	ITA	CAVA DÈ TIRRENI	ACCARINO COSTRUZIONI SNC.	CABLE SYSTEM SUPPLY	2020
REGGIO CALABRIA STADIUM MAINTENANCE	ITA	REGGIO CALABRIA	CITTÀ DI REGGIO CALABRIA	CABLE SYSTEM SUPPLY AND INSTALLATION	2020
FOOTBRIDGES IN ANDORRA	AD	ANDORRA	I.D.M. SAS	CABLE SYSTEM SUPPLY	2020
GOSUNG POKPOAM SUSPENSION BRIDGE	KOR	GOSEONG-GUN	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	2020
ORSA TIBETAN BRIDGE	ITA	BELLUNO	PICCOLE DOLOMITI S.C.A.R.L.	CABLE SYSTEM SUPPLY	2020
ARQIVA BLACK MOUNTAIN STAY CABLES	IRL	BELFAST	BALFOUR BEATTY UTILITY SOLUTIONS LIMITED	CABLE SYSTEM SUPPLY	2020
DALY'S BRIDGE	IRL	COCK	MACKEYPLANT	CABLE SYSTEM SUPPLY AND INSTALLATION	2020
SANCHEONG SUSPENSION BRIDGE	KOR	SANCHEONG-GUN	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	2020
PORT CAMPBELL SUSPENSION BRIDGE	AUS	PORT CAMPBELL	ARCUSWIRE	CABLE SYSTEM SUPPLY AND INSTALLATION	2020
ICE ARENA PRESOV	SVK	PRESOV	TENSION SYSTEMS S.R.O.	CABLE SYSTEM SUPPLY	2020
WHITLEY SOUTH CABLE STAYED BRIDGE	UK	COVENTRY	CLEVELAND BRIDGE UK LTD	CABLE SYSTEM SUPPLY AND INSTALLATION	2020
CYCLE AND PEDESTRIAN PATH	ITA	TRENT	IMPRESA COSTRUZIONI FONTAN	CABLE SYSTEM SUPPLY	2020



PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
STRESSED RIBBON FOOTBRIDGE	UK	WALES	CRAIG Y BWLA ESTATE OF RICHARD CHEN	CABLE SYSTEM SUPPLY	PROJECT CANCELLED
STACKER MACHINE CABLES	ITA	PIACENZA	MO.TRI.DAL.SPA	CABLE SYSTEM SUPPLY	2019
GALECOPPER BRIDGE INSPECTION	NLD	UTRECHT	ARUP	CABLE SYSTEM SUPPLY AND INSTALLATION	2019
THE LONDON EYE	UK	LONDON	HOLLANDIA UK LIMITED	CABLE SYSTEM REPLACEMENT	2019
LUZEC FOOTBRIDGE	CZE	LUZEC	VSL SYSTEMY S.R.O.	CABLE SYSTEM SUPPLY	2019
FERRIS WHEEL	NLD	DONGEN	MENNENS DONGEN B.V.	CABLE SYSTEM SUPPLY	2019
SPORTS HALL ORZINUOVI	ITA	ORZINUOVI	ITAL ENGINEERING 4.0 SRL	CABLE SYSTEM SUPPLY	2019
MAINTENANCE VIGEVANO ROOF	ITA	VIGEVANO (PV)	COMELZ SPA	INSPECTION AND MAINTANANCE OF INDUSTRIAL BUILDING OF COMELZ PROPERTY	2019
NAERHEDEN CABLE STAYED BRIDGE	DNK	NAERHEDEN	VALMONT SM	CABLE SYSTEM SUPPLY AND INSTALLATION	2019
ARCH BRIDGE BONDENO	ITA	BONDENO (FE)	DA CARPENTERIE SRL	CABLE SYSTEM SUPPLY AND INSTALLATION	2019
FOOTBRIDGE ORTISEI	ITA	ORTISEI (BZ)	FACCHIN ENGINEERING	CABLE SYSTEM SUPPLY AND INSTALLATION	2019
AVIARY SHARJAH ROOF	UAE	SHARJAH	HARDCO BLDG.CONT.LLC.	CABLE SYSTEM SUPPLY AND INSTALLATION	2019
INGURI RIVER FOOTBRIDGE	GEO	ANAKLIA	CRP WOOD DEVELOPMENT LTD	MAINTENANCE	2019
FERRIS WHEEL	MEX	CANCUN	MENNENS DONGEN B.V.	CABLE SYSTEM SUPPLY	2019
DOMES POLYTECHNICAL MUSEUM	RUS	MOSCOW	NPO SOYUKANAT	CABLE SYSTEM SUPPLY AND INSTALLATION	2019
CABLES FOR CONSOLIDATION OF PIO ALBERGO TRIVULZIO PALACE	ITA	MILAN	ARCO COSTRUZIONI GENERALI	CABLE SYSTEM SUPPLY	2019
ARCH BRIDGE BONDENO	ITA	BONDENO (FE)	DA CARPENTERIE SRL	CABLE SYSTEM SUPPLY AND INSTALLATION	2019
PESCIA FLOWER MARKET MAINTENANCE	ITA	PESCIA	SISTRALSRL	CABLE SYSTEM SUPPLY	2019
TAFF VALE FOOTBRIDGE	UK	CARDIFF	CENTREGREAT ENGINEERING LTD	CABLE SYSTEM SUPPLY	2019
HIPPODROME	ITA	MODENA	SOC. MODENESE PER ESPOSIZIONI FIERE E CORSE DI CAVALLI S.P.A.	CANTILEVER ROOF CABLES INSPECTION AND MAINTENANCE	2019
BEAVERS ROAD FOOTBRIDGE	AUS	VICTORIA	ARCUSWIRE	CABLE SYSTEM SUPPLY	2019
CABLES REPLACEMENTS FOR STACKER - BHP - SPENCE	CHL	LAS CONDES (SANTIAGO)	TRIPLE CINTERNATIONAL SPA	CABLE SYSTEM SUPPLY	2019
MINING MACHINE ROPE REPLACEMENT	CHL	ANTOFAGASTA	TRIPLE CINTERNATIONAL S.P.A.	CABLE SYSTEM SUPPLY	2019
EXPANSION OF TEST CENTRE OSTERILD GUY ROPES	DNK	OSTERILD	CERTEX PETER HARBOP A/S	CABLE SYSTEM SUPPLY	2019
KEN ROSEWALL ARENA	AUS	SIDNEY	FABRITECTURE	CABLE SYSTEM SUPPLY	2019
DIGITA MAST GUY ROPES	FIN	PYHANTUNTURI	DIGITAOY	CABLE SYSTEM SUPPLY	2019
BISKUPIA GÓRKA BRIDGE	POL	GDAŃSK	ATM SP	CABLE SYSTEM SUPPLY	2019

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PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
A14 NMU SWAVESEY AND BAR HILL BRIDGES	UK	CAMBRIDGE	VICTOR BUYCK STEEL CONSTRUCTION	CABLE SYSTEM SUPPLY	2019
CABLE SUPPLY FOR AL WASL PLAZE TRELLIS - DUBAI	UAE	DUBAI	CIMOLAIS.P.A.	CABLE SYSTEM SUPPLY	2019
SCOTLAND MAST STAY CABLES SUPPLY ARQIVA	UK	ABERDEENSHIRE	VIRTUAUKLTD	CABLE SYSTEM SUPPLY	2019
FOOTBRIDGE OVER THE ZELJENICA RIVER	BIH	SARAJEVO	PONT D.O.O. SARAJEVO	CABLE SYSTEM SUPPLY AND INSTALLATION	2019
BRIDGE WS3-5	POL	BYDGOSZCZ	BBR POLSKA SP. Z O.O.	CABLE SYSTEM SUPPLY	2019
WARM SPRINGS BRIDGE	USA	FREEMONT CALIFORNIA	SCHWAGER DAVIS INC.	CABLE SYSTEM SUPPLY	2019
SCIOTO RIVER FOOTBRIDGE	USA	DUBLIN (OHIO)	KOKOSING COSTR. COMPANY, INC.	CABLE SYSTEM SUPPLY AND INSTALLATION	2019
SARDAR PATEL MOTERA STADIUM	IND	AHMEDABAD	LARSEN&TUBRO LIMITED CONSTRUCTION	CABLE SYSTEM SUPPLY AND INSTALLATION	2019
TANA BRIDGE	NOR	TANA BRU	STATENS VEGVESEN REGION NORD	CABLE SYSTEM SUPPLY AND INSTALLATION	2019
PEDESTRIAN AND CYCLING- BRDIGE	ITA	BEINASCO	COMUNE DI BEINASCO	MAINTENANCE AND INSPECTION	2018
SUNCHANG SUSPENSION FOOTBRIDGE	KOR	SUNCHANG-GUN	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	2018
GEOCHANG THREE-WAY SUSPENSION FOOTBRIDGE	KOR	GEOCHANG-GUN	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	2018
CRASH BARRIERS YAMUNA BRIDGE	IND	DEHLI	GAMMON - C CIDADE - TENSACCIAI JV	CABLE SYSTEM SUPPLY	2018
TASMAN MEMORIAL HIGHWAY	AUS	TANZANIA	SRG PRODUCTS PTY LTD	CABLE SYSTEM SUPPLY	2018
TIBET FOOTBRIDGE LAGO DI CAREZZA	ITA	NOVA LEVANTE (BZ)	METALL PICHLER	CABLE SYSTEM SUPPLY	2018
STAY CABLES FOR INDUTRIAL PLANT	ITA	TRUCCAZZANO	TERMOKIMIK CORPORATION SPA	CABLE SYSTEM SUPPLY	2018
ARCH BRIDGE ORADEA	ROU	ORADEA	FREYROMS.A.	CABLE SYSTEM SUPPLY	2018
TILLF BRIDGE	BEL	TILLF	BAMGALERE	CABLE SYSTEM SUPPLY AND INSTALLATION	2018
PEDESTRIAN SWING BRIDGE	ZAF	CAPETOWN	AMSTEELE SYSTEMS	CABLE SYSTEM SUPPLY	2018
DUBAIAIRPORT	EAU	DUBAI	CLEVELAND BRIDGE MIDDLE EAST	CABLE SYSTEM SUPPLY AND INSTALLATION	2018
FOOTBRDIGE IN VAL DE RIVA	ITA	TRENT	ZUGLIANI SRL	CABLE SYSTEM SUPPLY	2018
SUSPEDED PIPELINE BRIDGE SERBIA	SRB	SERBIA	FILOS MOSTOVILTD	CABLE SYSTEM SUPPLY	2018
FOOT BRIDGE IN TORRENTE CORDEVOLE	ITA	ALLEGHE	OFFICINE BERTAZZON	CABLE SYSTEM SUPPLY AND INSTALLATION	2018
ARCH BRIDGE AIX NOLETTE	FRA	AIXNOLETTE	EIFFAGEMETAL	CABLE SYSTEM SUPPLY	2018
ARQIVA MENDIP TRANMISSION STATION	UK	WELLSSOMERSET	BABCOCK NETWORKS LIMITED	CABLE SYSTEM SUPPLY	2018
AL BAYT AT AL KHOR CITY ENERGY CENTRE	QAT	DOHA	GALFAR AL MISNAD ENG & CONTR WLL	CABLE SYSTEM SUPPLY	2018
NOWY SACZ ARCH BRIDGE	POL	NOWYSACZ	ATM SP. Z O.O	CABLE SYSTEM SUPPLY AND INSTALLATION	2018



PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
PISEK BRIDGE	CZE	PRAGUE	TENSION SYSTEMS S.R.O.	CABLE SYSTEM SUPPLY	2018
BANGCHUCK ISLAND SUSPENSION FOOTBRIDGE	KOR	GUNSAN-SI	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	2018
TEMPORARY CABLES	QAT	QATAR	MAEG COSTRUZIONI S.P.A.	CABLE SYSTEM SUPPLY	2018
MALL LUXEMBOURG	LUX	LUXEMBOURG	TECHNO METAL INDUSTRIES SPRL	CABLE SYSTEM SUPPLY	2018
DUBLIN BRIDGE	USA	DUBLIN (OHIO)	KOKOSING COSTR. COMPANY, INC.	CABLE SYSTEM SUPPLY AND INSTALLATION	2018
CHISWICK PARK FOOTBRIDGE	UK	LONDON	SEVERFIELDUK	CABLE SYSTEM SUPPLY	2018
PAUL BIYA STADIUM	CMR	YAOUNDÉ	MAEG COSTRUZIONI S.P.A.	CABLE SYSTEM SUPPLY	2018
PEDESTRIAN AND CYCLING BRIDGE S.M. ANGELI (RIONE LIBERTÀ)	ITA	BENEVENTO	DA CARPENTERIE SRL	CABLE SYSTEM SUPPLY AND INSTALLATION	2018
ADANA KOZA ARENA	TUR	ADANA	ALKATAS INSAAT VE TAAHHUT AS & ILGAZLAR	CABLE SYSTEM SUPPLY AND INSTALLATION	2018
SWAN RIVER PEDESTRIAN BRIDGE	AUS	PERTH	YORK RIZZANI JOINT VENTURE	CABLE SYSTEM SUPPLY AND INSTALLATION	2018
WONJU-GANHYEON SUSPENSION FOOTBRIDGE	KOR	WONJU-SI	CABLEBRIDGE CO.LTD.	CABLE SYSTEM SUPPLY	2017
ARCH BRIDGE IN GROSSETO	ITA	GROSSETO	BIT SPA	CABLE SYSTEM SUPPLY	2017
YANG PYUNG FOOTBRIDGE	KOR	YANG PYUNG-GUN	CABLEBRIDGE CO.LTD	CABLE SYSTEM SUPPLY	2017
MAJANG LAKE SUSPENSION FOOTBRIDGE	KOR	PAJU-SI	CABLEBRIDGE CO.LTD	CABLE SYSTEM SUPPLY	2017
SUSPENDED ROOF BERGAMO EXPO	ITA	BERGAMO	BERGAMO FIERA NUOVA	MAINTENANCE	2017
GUYLINES	BEL	BRUSSELS	XANT	CABLE SYSTEM SUPPLY	2017
FOOTBRIDGE TANGIER	MAR	TANGIER	ACTOMETAL	CABLE SYSTEM SUPPLY	2017
CABLE STAYED ROOF SARMATO	ITA	PIACENZA	STC	CABLE SYSTEM SUPPLY	2017
FOOTBRIDGE AL ITTIHAD	UAE	SHARJAH	WAAGNER BIRO GULF LLC	CABLE SYSTEM SUPPLY AND INSTALLATION	2017
RIYADH METRO	UAE	RIYAD	EVERSENDAI ENGINEERING SAUDI WLL	CABLE SYSTEM SUPPLY	2017
THE JACK WILLIAMS GATEWAY BRIDGE	UK	BRYNMAWR (GWENT)	VICTOR BUYCK STEEL CONSTRUCTION	CABLE SYSTEM SUPPLY	2017
BØKFJORD BRIDGE	NOR	SOR-VARANGER	SCHACHTBAUNORDHAUSEN STAHLBAU GMBH	CABLE SYSTEM SUPPLY AND INSTALLATION	2017
ASHTON TIED ARCH BRIDGE	ZAF	ASHTON	AMSTEELESYSTEMS	CABLE SYSTEM SUPPLY	2017
AL WAHDA 5/6 ARCHES	QAT	DOHA	EVERSENDAI ENGINEERING QATAR WLL	CABLE SYSTEM SUPPLY AND INSTALLATION	2017
VISOKO BRIDGE	BIH	VISOKO	HERING D.D. SIROKI BRIJEG	CABLE SYSTEM SUPPLY	2017
SPORTS HALL LE CASELLE	ITA	AREZZO	COMUNE DI AREZZO	MAINTENANCE	2017
CRATI BRIDGE	ITA	COSENZA	CIMOLAI S.P.A.	CABLE SYSTEM SUPPLY	2017
WGIS BRIDGE REPLACEMENT HOIST AND COUNTERWEIGHT CABLES	UK	SALFORD	DAVYMARKHAMLTD	CABLE SYSTEM SUPPLY FOR WGIS LIFTING BRIDGE	2017

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TENSO LITTA PALACE	ITA	MILAN	MOSCA PARTNERS	CABLE SYSTEM SUPPLY	2017
SUNDERLAND BEACON OF LIGHT	UK	SUNDERLAND	J&J CARTER LTD	SUPPLY OF CABLES FOR BEACON OF LIGHT	2017
SALAM PROJECT	SAU	JEDDAH	ALI TAMIMI SONS CO.	CABLE SYSTEM SUPPLY	2017
PROJECT IN RIYADH	SAU	RIYAD	ALI TAMIMI SONS CO.	CABLE SYSTEM SUPPLY	2017
AMRUN SHIPLOADER	AUS	QUEENSLAND	SANDVIK MINING AND CONSTRUCTION	CABLE SYSTEM SUPPLY	2017
TOTTENHAM HOTSPUR STADIUM	UK	TOTTENHAM	SEVERFIELD (UK) LTD	CABLE SYSTEM SUPPLY	2017
THE SHED CULTURAL CENTER	USA	NEW YORK	C&SWALLSS.R.L.	CABLE SYSTEM SUPPLY AND INSTALLATION	2017
VUOKSI ARCH BRIDGE	RUS	LOSEVO	JSC SEVERSTAL-METIZ	SUPPLY AND INSTALLATION HANGERS	2017
SAN DIEGO CONVENTION CENTER	USA	SANDIEGO	BIRDAIR INC.	CABLE SYSTEM SUPPLY AND INSTALLATION	2017
AERIAL PIPELINE	ITA	FIÈ ALLO SCILIAR (BZ)	FALSERBAUSRL	SUPPLY OF MAIN, BACK AND PIPELINE CABLES	2017
CYCLE-PEDESTRIAN BRIDGE OVER BRENTA RIVER	ITA	PADUA	ZARA METALMECCANICA SRL	SUPPLY, INSTALLATION AND TENSIONING OF CABLES	2017
HERCILIO LUZ BRIDGE	BRA	FLORIANOPOLIS	TEIXEIRA DUARTE ENGENHARIA E CONTRUCOES. S.A. SUCURSAL BRASIL	HDPE HANGERS SUPPLY	2017
FOOTBRIDGE AL ITTIHAD ROAD	UAE	SHARJAH	WAAGNER BIRO GULF LLC	SUPPLY AND INSTALLATION OF CABLES HANGERS SYSTEM	2017
AQUEDUCT SUSPENSION	FRA	STBACHI	MECAPLTD	CABLE SYSTEM SUPPLY WITH HDPE SHEATHING	2017
MULAZZO SUSPENSION BRIDGE	ITA	MULAZZO	MULAZZO SOC. CONS. S.R.L. OMBA IMPIANTI & ENG. S.P.A CASTALDO S.P.A	CABLE SYSTEM SUPPLY AND INSTALLATION	2017
CASTAGNETOLI SUSPENSION BRIDGE	ITA	CASTAGNETOLI	MULAZZO SOC. CONS. S.R.L. OMBA IMPIANTI & ENG. S.P.A CASTALDO S.P.A	SUPPLY AND ASSISTANCE TO MOUNTING OF MURING WIRE ROPES, MAIN CABLES AND HANGERS	2017
STRUCTURAL CONSOLIDATION	ITA	AGRIGENTO	BUONTEMPO COSTANTINO & MICHELE SNC	CABLE SYSTEM SUPPLY	2017
KHALIFA INTERNATIONAL STADIUM	QAT	DOHA	MIDMAC/SXCO	CABLE SYSTEM SUPPLY AND INSTALLATION	2017
FOOTBRIDGE	ITA	TERNI	COBARS.P.A.	STAY CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2016
LÅGEN BRIDGE	NOR	KVAM	IMPLENIA	HDPE COATED STAY CABLE SUPPLY, INSTALLATION AND TENSIONING	2016
FOOTBRIDGE	ITA	CASOLA IN LUNIGIANA (MS)	O.M.C.M. SNC	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2016
FLC FOR EXCAVATOR	RUS	RUSSIA	LLC TECIRUS	CABLES FOR ESCAVATOR SUPPLY	2016
CABLES FOR CANOPY	RUS	RUSSIA	AO "REDAELLI SSM"	SUPPLY, INSTALLATION AND TENSIONING OF CABLES	2016
NEW BRIDGE ST. PETERSBURG	RUS	ST.PETERSBURG	EWENERPROMLTD	ROD SYSTEM SUPPLY	2016
CHANGCHUN STADIUM	CHN	CHANGCHUN	SHENZHENSEEHIGH INTERNATIONAL TRADE LTD	SUPPLY OF RING CABLES	2016



PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
TIBETAN BRIDGE	ITA	POTENZA	IMPRESA COSTRUZIONE DUINO ALBERTO	SUPPLY OF MAIN, SAFETY AND STABILISING CABLES	2016
PEDESTRIAN BRIDGE ON RIVER BOSNA	BIH	ZAVIDOVIC	POROBIC DOO	CABLE SYSTEM SUPPLY	2016
AERIAL PIPELINE	GEO	TBLISI	ELITABURJILTD	CABLE SYSTEM SUPPLY	2016
CABLESFORINFRASTRUCTURES	ESP	LLEIDA	INFRASTRUCTURES DE MUNTANYA SL	SUPPLY OF MAIN AND BACK CABLES	2016
BAUSKA SUSPENSION BRIDGE	LVA	BAUSKA	SIA OK BUVMATERIALI	SUPPLY OF MAIN, BACK AND STABILISING CABLES AND VERTICAL AND HORIZONTAL HANGERS	2016
FOOTBRIDGE EMEK ARAZIN	IL	JERUSALEM	N.E. LABA	SUPPLY OF BACK AND FRONT CABLES AND HANGERS	2016
RADOM FOOTBRIDGE	POL	RADOM	ATM SP. Z O.O.	SUPPLY OF MAIN CABLES	2016
DUBAI CANAL FOOTBRIDGE 1	UAE	DUBAI	MAEG COSTRUZIONI S.P.A.	CABLE SYSTEM SUPPLY AND INSTALLATION	2016
DUBAI CANAL FOOTBRIDGE 2	UAE	DUBAI	MAEGCOSTRUZIONIS.P.A.	CABLE SYSTEM SUPPLY AND INSTALLATION	2016
ARCH BRIDGE OVER SERIO RIVER	ITA	CREMA	GHIDOTTI ENRICO & C. SNC	CABLE SYSTEM SUPPLY	2016
RIVA TRIGOSO BRIDGE	ITA	RIVA TRIGOSO (GE)	MAEG COSTRUZIONI S.P.A.	SUPPLY AND ASSISTANCE TO TENSIONING AND INSTALLATION OF HANGERS CABLES	2016
FOOTBRIDGE	ITA	CASTELMEZZANO (PZ)	DOLOMITI ROCCE SRL A SOCIO UNICO	SUPPLY OF MAIN AND STABILISING CABLES	2016
BØKFJORD BRIDGE	NOR	KIRKENES	SCHACHTBAU NORDHAUSEN STAHLBAU GMBH	SUPPLY, INSTALLATION AND TENSIONING OF HANGERS	2016
TIBETAN BRIDGE VALLI PASUBIO	ITA	VICENZA	GHELLERSRL	MAIN CABLES, GUARDRAIL CABLES AND STABILISING CABLE SYSTEM SUPPLY	2016
GUY ROPES FOR TV MAST	SWE	BORÅS (DALSJÖFORS)	TERACOMAB	STABILISING CABLE SYSTEM SUPPLY	2016
MEMBRANE ROOF	ITA	LOCATE TRIULZI (MI)	TAIYO EUROPE GMBH	STABILISING CABLE SYSTEM SUPPLY	2016
YAPI KREDI BANK FACADE	TUR	INSTANBUL	ENG METAL YAPI INSAAT TAAHHUT	VERTICAL AND HORIZONTAL CABLE SYSTEM SUPPLY	2016
SWTRAMWAY ENQUIRY	KOR	CHANGWON	HANIL CO.LTD.	STABILISING CABLE SYSTEM SUPPLY	2016
ITAS TCM C. 33760 GUY ROPES	UAE	ABUDHABI	FIVES I.T.A.S. S.P.A.	CABLE SYSTEM SUPPLY	2016
STADANO SUSPENSION BRIDGE	ITA	AULLA (MS)	CASTALDO S.P.A.	HANGER AND CABLE SUPPLY, INSTALLATION AND TENSIONING	2016
WANDA METROPOLITANO	ESP	MADRID	TAIYO EUROPE GMBH	CABLE SYSTEM SUPPLY	2016
PUENTE PRESIDENTE IBANEZ	CHL	PUERTO AYSEN	CVVINGENIERTA	HANGER CABLE SYSTEM SUPPLY	2016
GEBZE ORHANGAZI HIGHWAY	TUR	IZMIR	ASTALDI TURKEY BRANCH	RESTRAIN SYSTEM	2016
SEOUL-INCHEON INTERNATIONAL AIRPORT FACADE	KOR	SEOUL	COSPI	STAY CABLE SYSTEM SUPPLY FOR FACADE STRUCTURE	2016
GRAYSTON PEDESTRIAN BRIDGE	ZAF	SANDTON (JOHANNESBURG)	AMSTEELE SYSTEMS	CABLE SYSTEM SUPPLY	2016
HARD ROCK STADIUM	USA	MIAMI	HILLSDALE FABRICATORS	CABLE SYSTEM SUPPLY AND INSTALLATION	2016

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OSMAN GAZI SUSPENSION BRIDGE					YEAR
	TUR	IZMIT	IHI	CABLE SYSTEM SUPPLY	2016
KING ABDULLAH FINANCIAL DISTRICT	SAU	RIYADH	GIUGIARO ARCHITETTURA & STRUCTURES	CABLE SYSTEM SUPPLY	2015
CITTADELLA ROAD AND PEDESTRIAN ARCH BRIDGES	ITA	ALESSANDRIA	CIMOLAI S.P.A.	CABLE SYSTEM SUPPLY AND INSTALLATION	2015
BIRD GARDEN	IRN	TEHERAN	SEKAF CO. SHARH INVESTMENT	CABLE SYSTEM SUPPLY FOR CABLE NET STRUCTURE	2015
FOOTBRIDGE	POL	PRZEMYŚL	ATM SP. Z O.O.	CABLE SUPPLY	2015
MUSEE D'ART DE NANTES	FRA	NANTES	SIMCO TECNOCOVERING SRL	CABLE SYSTEM SUPPLY FOR FACADE	2015
DAMNET	ITA	PRIOLO (SR)	MULTIMAN MANUTENZIONI	STAY CABLE SYSTEM SUPPLY	2015
FLARE	UAE	HABSHAN (ABU DHABI)	FLAMEOUT	TENSIONING SYSTEM SUPPLY	2015
MAST	LVA	ULBROKA (RĪGA)	CERTEXLATVIJA	CABLE SUPPLY	2015
CANTILEVER ROOF	ITA	VERONA	PANCALDI	CABLE SYSTEM SUPPLY	2015
CERTEX FLARE STACK	SWE	STENUNGSUND	CERTEXSVENSKA	CABLE SUPPLY	2015
GREYSTONE FOOTBRIDGE	UK	LIVERPOOOL	SHSTRUCTURES	SUPPLY OF HDPE COATED STAY CABLES	2015
HIPPODROME	ITA	MODENA	SOCIETÀ MODENESE PER ESPOSIZIONI FIERE E CORSE DI CAVALLI S.P.A.	CANTILEVER ROOF CABLES INSPECTION AND MAINTENANCE	2015
FABRIC ROOF FOR OLIMPIC PARK	BRA	RIO DE JANEIRO	ODEBRECHT	CABLE SUPPLY	2015
VUOKSA RIVER BRIDGE	RUS	ST. PETERSBURG	AO "REDAELLI SSM"	HDPE COATED CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2015
ARCHEOLOGICAL AREA ROOF	MLT	TARXIEN	TAIYO EUROPE GMBH	CABLE SUPPLY	2015
YENI ESKISEHIR STADIUM	TUR	ESKIŞEHIR	MD INSAAT SANAYI VE TICARETA.S.	CABLE SYSTEM SUPPLY FOR STAYED ROOF	2015
WESTERN GATEWAY INFRASTRUCTURE SCHEME LIFTING BRIDGE	UK	SALFORD	DAVYMARKHAMLTD	CABLE SYSTEM SUPPLY	2015
NAD AL SHEBA ARENA (NAS ARENA)	UAE	DUBAI	EVERSENDAI ENGINEERING LLC	CABLE SUPPLY	2015
"LE CASELLE" PALASPORT MAINTENANCE	ITA	AREZZO	COMUNE DI AREZZO	MAINTENANCE INSPECTION OF ROOF CABLE TRUSSES	2015
STROMSUND BRIDGE	SWE	STROMSUND	TRAFIKVERKET	HDPE SUPPLY CABLES	2015
CHRISTCHURCH BRIDGE	UK	READING	HOLLANDIA	CABLE SYSTEM SUPPLY AND INSTALLATION	2015
GORDON'S LEAP BRIDGES	UK	GOBBINS PATH (NI)	MCLAUGHLIN & HARVEY	MAIN, STAY AND HANGER CABLE SYSTEM SUPPLY	2015
TRAFFIC LIGHT PORTAL	NLD	NIJMEGEN	JAN KUIPERS NUNSPEET	CABLE SYSTEM SUPPLY AND INSTALLATION	2015
FOOTBRIDGE	UK	STRABANE (NI)	SHSTRUCTURES	CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2015
LA FLORIDA ROAD BRIDGE	ESP	OVIEDO	ASSIGNIA	CABLE SYSTEM SUPPLY	2015
ARCH BRIDGE OVER GRAVINA RIVER	ITA	BRADANICA (MT)	CIMOLAI S.P.A.	HANGER CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING	2015



PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
STAVROS NIARCHOS CULTURAL CENTRE	GRC	ATHENS	CIMOLAIS.P.A.	CABLE SYSTEM SUPPLY AND INSTALLATION	2015
SUSPENDED FOOTBRIDGE	ITA	VAL MARTELLO (BZ)	ALPINTEC	CABLE SUPPLY	2015
BOLLAERT-DELELIS STADIUM (RC LENS)	FRA	LENS	URSSA	CABLE SUPPLY	2015
BRIDGE OVER VAGLI LAKE	ITA	LUCCA	ROMEISRL	CABLE SUPPLY	2015
MALL OF QATAR	QAT	DOHA	EVERSENDAI	CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING	2015
KRASNODAR STADIUM	RUS	KRASNODAR	JSC SEVERSTAL-METIZ	CABLE SYSTEM SUPPLY AND INSTALLATION	2015
FATIH SULTAN MEHMET BRIDGE SECOND BOSPHORUS BRIDGE	TUR	INSTANBUL	IHI	CABLE SYSTEM SUPPLY	2015
BOĞAZIÇI KÖPRÜSÜ FIRST BOSPHORUS BRIDGE	TUR	INSTANBUL	IHI	CABLE SYSTEM SUPPLY	2015
HIGHWAY ARCH BRIDGES	ITA	PRATO	IMPRESIM SRL/ COMECA	HANGER CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2015
KROKUS FOOTBRIDGE	RUS	MOSCOW	JSC SEVERSTAL-METIZ	CABLE SUPPLY, FORCE ADJUSTMENT AND FINAL TENSIONING	2015
MARINA INTERCHANGE ARCH	QAT	LUSAIL	NUROL GULF / SETTA WA	CABLE SYSTEM SUPPLY AND INSTALLATION	2015
SÃO VICENTE BRIDGE	BRA	SÃO PAULO	CONCREJATO SERVICOS TECNICOS DE ENG.	CABLE SYSTEM SUPPLY	2015
PHÄNOMENTA SCIENCE CENTRE	DEU	LÜDENSCHEID	ARNEGGER	CABLE SYSTEM SUPPLY AND INSTALLATION	2015
TJÖRN STAYED CABLE BRIDGE	SWE	TJÖRN	TRAFIKVERKET	HDPE CABLE SYSTEM SUPPLY	2014
BREVIK BRIDGE	NOR	BREVIK	STATENS VEGVESEN REGNSKAP	CABLES INSPECTION	2014
FERRIS WHEEL	UAE	DUBAI	PAX DESIGN - RU	CABLE SUPPLY	2014
ARCH FLYOVER BRIDGE	ITA	VADENA (BZ)	OFFICINE BERTAZZON	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2014
BRIENENOORD BRUG	NLD	ROTTERDAM	RIJKSWATERSTAAT	CABLESINSPECTION	2014
MILAN PLANT	ITA	RHO (MI)	ARKEMA	CABLE SYSTEM SUPPLY FOR CATENARY CABLE REPLACEMENT	2014
HIGHLINE 179 SUSPENSION FOOTBRIDGE	AUT	REUTTE	SWISSROPE	CABLE SYSTEM SUPPLY	2014
REINFORCEMENT OF PRESTRESSED CONCRETE BEAMS FOR DEWATERING PUMP	ITA	MANTUA	PAOLO BELTRAMISPA	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2014
ARCH BRIDGE MIHAI BRAVU	ROU	BUCHAREST	BBR ROMANIA	CABLE SUPPLY	2014
SUSPENDED FOOTBRIDGE	ITA	MARZABOTTO (BO)	COMUNE DI MARZABOTTO	MAIN CABLE SUBSTITUTION CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2014
RAY WAY TOWER	ITA	GRANAROLO (BO)	BI&S	CABLE SUPPLY	2014
RIJSWIJK SWING FOOTBRIDGE	NLD	RIJSWIJK (THE HAGUE)	MACHINEFABRIEK EMMEN	CABLE SYSTEM SUPPLY	2014
BATBRIDGE	UK	NORFOLK	HVMARTIN	CABLE SUPPLY	2014

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PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
FOOTBRIDGE IN DRUMUL TABEREI	ROU	BUCHAREST	BBR ROMANIA	CABLE SYSTEM SUPPLY	2014
C475 GUYS FOR ELEVATED FLARES	CHN	SHANGAI	SAGEMIS INTERNATIONAL	CABLE SUPPLY	2014
KISA RADIOSTATION	SWE	KISA	TERACOM-SWEDEN	CABLE SUPPLY	2014
SENTECH MASTS FOR TELECOMMUNICATIONS	ZAF	SOUTHAFRICA	AMSTEELE SYSTEMS	STAY CABLE SUPPLY FOR MASTS	2014
ARCHBRIDGE	ITA	FRAMURA (SP)	MANGILI&ASSOCIATI	BRACING CABLE SUPPLY	2014
ARCH ROAD BRIDGES MILAN EXPO 2015	ITA	MILAN	CORDIOLI & C. SPA	CABLE SYSTEM SUPPLY AND INSTALLATION	2014
JAMBI STAYED CABLE FOOTBRIDGE	IND	JAMBI	PT. PALM SARANA	CABLE SYSTEM SUPPLY AND INSTALLATION	2014
BOTLEK LIFTING BRIDGE	NLD	ROTTERDAM	WAAGNER BIRO BRIDGE SYSTEM	CABLE SYSTEM SUPPLY	2014
TIMSAH ARENA (NEW BURSA STADIUM)	TUR	BURSA	MONTAGESERVICE	CABLE SUPPLY AND MONTAGE SERVICE	2014
PEDESTRIAN BRIDGE OVER LABE RIVER	CZE	ČELÁKOVICE (PRAGUE)	METROSTAV A.S.	CABLE SYSTEM SUPPLY	2014
ADOMIBRIDGE	GHA	KPONG	MCE	CABLE SYSTEM SUPPLY FOR REHABILITATION WORKS	2014
LAS VEGAS HIGH ROLLER WHEEL	USA	LASVEGAS	FREYSSINETFRANCE	CABLE SYSTEM SUPPLY	2014
TURIN TOWER - BANCA INTESA SAN PAOLO	ITA	TURIN	COMETAL	BRACING CABLE SYSTEM FOR THE MEGA- COLUMS INSTALLATON AND TENSIONING	2014
ARCH BRIDGE OVER AVERO RIVER	ITA	CHIAVENNA (SO)	OMBAS.P.A.	CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING	2013
Z00	FRA	PARIS	HCBENGINEERING	CABLE SYSTEM SUPPLY	2013
ARCH PEDESTRIAN BRIDGE	ITA	NOMI (TN)	C.M.M. F.LLI RIZZI	CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2013
FOOTBRIDGE	ITA	CINISELLO BALSAMO (MI)	IMPREGILO	CABLE SYSTEM SUPPLY AND INSTALLATION	2013
FUSSBALL FOOTBRIDGE	ITA	VALGARDENA	FACCHIN ENGINEERING	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2013
O. GRANILLO STADIUM	ITA	REGGIO CALABRIA	REGGINA CALCIO	CABLES MAINTENANCE	2013
PEDESTRIAN BRIDGE OVER OSKOL RIVER	RUS	OSKOL	SEVERSTAL	CABLE SUPPLY	2013
FOOTBRIDGE OVER N75	BEL	GENK	ANMECO	HDPE COVERED CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING	2013
KHARYAGA PLANT FLARE	RUS	KHARYAGA	SAMIAITALIA	STAY CABLE SUPPLY FOR FLARE	2013
ARCH FOOTBRIDGE	RUS	ST.PETERSBURG	JSC SEVERSTAL-METIZ	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2013
SWIMMING POOL ROOF	ITA	MONFALCONE (GO)	ITAL-ENGINEERING	CABLE SUPPLY	2013
NAVY MILCON BRIDGE	BHR	MANAMA	CONTRACK/NASSJV	CABLE SYSTEM SUPPLY	2013
HEREFORD CONNECT 2 GREENWAY BRIDGE	UK	HEREFORD	BRAITHWAITE ENGINEERS LTD	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2013
GRAULHET FOOTBRIDGE	FRA	TARN	CONSTRUCTION SAINT ELOI	CABLE SUPPLY	2013
FOOTBRIDGE OVER AISNE RIVER	FRA	RETHEL	FREYSSINET FRANCE	SUPPLY OF THE CABLES AND THE CLAMPS	2013



PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
TV ANTENNA	ESP	SPAIN	VIDEO MEDIOS	CABLE SUPPLY	2013
FOOTBRIDGE OVER RIO MAGGIORE RIVER	ITA	LIVORNO	METALCOSTRUZIONI	CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2013
THAON DE REVEL PEDESTRIAN LIFTING BRIDGE	ITA	LASPEZIA	SIMAN	CABLE SYSTEM SUPPLY AND INSTALLATION	2013
PONTYDDRAIG	UK	RHYL	DAWNUS CONSTRUCTION	CABLE SYSTEM SUPPLY AND INSTALLATION	2013
AL MINA'A STADIUM	IRQ	BASRAH	DALIAN GOLDEN SUN IMP. & EXP. CO.LTD	CABLE SYSTEM SUPPLY FOR ROOF CABLE NET STRUCTURE	2013
BIKE AND PEDESTRIAN ARCH BRIDGE OVER A27 HIGHWAY	ITA	CASALE SUL SILE (TV)	LMVSPA	HANGER CABLE SYSTEM SUPPLY	2013
SUSPENDED BRIDGE	RUS	SMOLENSK	SEVERSTALMETIZ	CABLE SUPPLY	2013
PEDESTRIAN BRIDGE	ZAF	ISANDO	AMSTEELE SYSTEMS	STAY CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2013
RADIO TOWER	NCL	NEW CALEDONIA	LENICKEL-SLN	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2013
PANSPORT ARCH BRIDGES	UK	ELGIN	MACALLOY	HANGER CABLE SYSTEM SUPPLY	2013
PEDESTRIAN BRIDGE	RUS	NABEREZHNYE CHELNY	JSC SEVERSTAL-METIZ	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2013
ARCH BRIDGE OVER ARNO RIVER	ITA	FIGLINE VALDARNO (FI)	MAEG	HANGER CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING	2013
2 ARCH BRIDGES WD19 AND WD3 A4 FREEWAY	PRT	MOKRA	BBRPOLSKA	HANGERS CABLES	2013
3 ARCH BRIDGES WD175, WD180 AND WD186, A1 MOTORWAY JUNCTION BRZEZIE AND JUNCTION KOWAL	POL	WLOCLAWEK	ATM-POLAND	HANGERS CABLES	2013
NIJMEGEN ARCH BRIDGE	NLD	NIJMEGEN	MAX-BÖGL	CABLE SYSTEM SUPPLY AND INSTALLATION	2013
VENT STACK	SAU	JEDDAH	FLAMEOUT	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2012
OUTLET CENTRE	UK	ASHFORD (KENT)	ARCHITENLANDRELL	CABLE SYSTEM SUPPLY	2012
FLOWERS MARKET ROOF	ITA	PESCIA (PT)	COMUNE DI PESCIA	CABLES INSPECTION OF GUYED ROOF	2012
ABDALI BOULEVARD TENTS	JOR	AMMAN	ALI TAMIMI AND SONS	CABLE SYSTEM SUPPLY FOR MEMBRANE TENSOSTRUCTURE	2012
CONSOL ENERGY WINGTIP BOY SCOUT BRIDGE	USA	BECKLEY (WEST VIRGINIA)	FREYSSINET FRANCE	CABLE SYSTEM SUPPLY	2012
FOOTBRIDGE	UK	BALLYMONEY (NI)	M. HASSON AND SONS LTD	CABLE SYSTEM SUPPLY	2012
DECINES FOOTBRIDGE	FRA	LYON	FREYSSINETFRANCE	FOOTBRIDGE CABLE SYSTEM SUPPLY	2012
BEIRA RIO STADIUM	BRA	PORTO ALEGRE	HIGHTEX-GERMANY/ ANDREADE GUTIERREZ	CABLE SYSTEM SUPPLY	2012
ESTÁDIO NACIONAL MANÉ GARRINCHA	BRA	BRASILIA	ENTAP ENGENHARIA/ CONSTRUCOES LTDA	CABLE SYSTEM SUPPLY	2012
ARCH BRIDGE OF VISDOMINA STREET	ITA	MONTALETTO (RA)	NALDI CARPENTERIE SRL	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2012
QUEENSLAND CURTIS LNG PROJECT	AUS	QUEENSLAND	HAMWORTHY	STAY CABLE SUPPLY FOR FLARE SYSTEM	2012



PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
VENT STACK	UK	BIRMINGHAM	FLAMEOUT	STAY CABLE SUPPLY	2012
ANCHOR SYSTEM	NLD	ROTTERDAM	MENNENSSCHIEDAM	HDPE SUPPLY CABLES	2012
KÅFJORD CABLE STAYED BRIDGE	NOR	KÅFJORD	STATENS VEGVESEN	CABLE SYSTEM SUPPLY AND INSTALLATION	2012
DALSFJORD SUSPENSION BRIDGE	NOR	DALEISUNNFJORD	STATENS VEGVESEN	CABLE SYSTEM SUPPLY AND INSTALLATION	2012
DOUBLE ARCH BRIDGES MPZ42 OVER A4 HIGHWAY	POL	RADYMNO KORCZOWA	ATM-POLAND	CABLE SYSTEM SUPPLY	2012
FOOTBRIDGE	UK	MANCHESTER	MACALLOY	CABLE SUPPLY, INSTALLATION AND TENSIONING	2012
ARCH BRIDGE WD18 OVER S3 EXPRESSWAY	POL	MIĘDZYRZECZ	ATM-POLAND	CABLE SYSTEM SUPPLY	2012
DROVERS ROUNDABOUT (M20 JUNCTION 9)	UK	KENT	MABEY BRIDGE LTD	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2012
ROAD ARCH BRIDGE OVER OMBRONE RIVER	ITA	PRATO	GIOVANNINI COSTRUZIONI	HANGER CABLES, INSTALLATION ASSISTANCE AND TENSIONING	2012
SETTIMIA SPIZZICHINO ARCH BRIDGE	ITA	ROME	CIMOLAIS.P.A.	CABLE SYSTEM SUPPLY AND INSTALLATION	2012
ARCH BRIDGE OVER VINALOPO RIVER	ESP	ELCHE	RONDA SUR DE ELCHE UTE	HANGER CABLES, INSTALLATION AND TENSIONING	2012
ROAD ARCH BRIDGE	AUT	BRUCKANDERMUR	NCA	HANGER CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2012
ITAIPAVA ARENA FONTE NOVA	BRA	SALVADOR	MARTIFER	CABLE SYSTEM SUPPLY AND INSTALLATION ASSISTANCE	2012
HOVENRING STAYED CIRCULAR FOOTBRIDGE	NLD	EINDHOVEN	VICTOR BUYCK STEEL CONSTRUCTION	CABLE SYSTEM SUPPLY	2012
ANAKLIA CABLE STAYED FOOTBRIDGE	GEO	ANAKLIA	CAUCASUS ROAD PROJECT	CABLE SYSTEM SUPPLY AND INSTALLATION	2012
TOLLBOOTH CANTILEVER ROOF	ITA	MANERBIO (BS)	SILAR	STAY CABLE SYSTEM SUPPLY, INSTALLATION AND TENSIONING	2011
PIPE RACK OVER ARNO RIVER	ITA	AREZZO	ENTE IRRIGUO UMBRO TOSCANO	CABLE INSPECTION AND MAINTANANCE	2011
ÄLVSBORG BRIDGE	SWE	GOTHENBURG	SPENCER	CABLE SYSTEM SUPPLY AND TOPOGRAPHIC SURVEY	2011
FLARE	ARG	BUENOS AIRES	HAMWORTHY	STAY CABLE SUPPLY FOR FLARE (HITT-1635)	2011
ASYMMETRIC FOOTBRIDGE OF CITY PARK	ITA	PADUA	MARTINELLI AGOSTINO	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2011
FOOTBRIDGE	ITA	CONTRON (PN)	COS.ME.	CABLE SUPPLY, INSTALLATION AND TENSIONING ASSISTANCE	2011
NETANYA STADIUM	ISR	NETANYA	HAGIVA YH	CABLE SYSTEM SUPPLY AND INSTALLATION	2011
SUSPENSION BRIDGE OVER SERIO RIVER	ITA	SERIATE (BG)	CARPENTERIE GHIDOTTI	SUSPENSION, STABILISING AND HANGERS CABLES. INSTALLATIONS AND TENSIONING ASSISTANCE.	2011
ARCH BRIDGES WD7 AND WD8	POL	PABIANICE	INTOP-ATM	HANGERS CABLES	2011
CANOPIED STAGE OPERA LESNA	POL	SOPOT	TAYIO EUROPE	MEMBRANE ARCH ROOF, STAY CABLES	2011



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ABDALI BOULEVARD TENTS	JOR	AMMAN	ALI TAMIMI & SONS	CABLE SYSTEM FOR MEMBRANE TENT	2011
STAYED FOOTBRIDGE KIFISIAS AVENUE	GRC	ATHENS	AKTOR	STAY CABLES AND STAY MONITORING SYSTEM	2011
STAYED M20 FOOT/ CYCLE BRIDGE JUNCTION 9 AND DROVERS ROUNDABOUT	UK	DROVERS	MACALLOY	STAY CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2011
ÄLVSBORG ROAD BRIDGE	SWE	GOTHENBURG	C.SPENCER	HANDRAIL CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2011
PEDESTRIAN STAYED BRIDGE	UK	HEMEL HEMPSTEAD	SHSTRUCTURES	STAY CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2011
OLYMPIC BMX STADIUM	UK	MANCHESTER	MACALLOY	STAYED ROOF, STAY AND ANCHOR CABLES	2010-2011
PGE NARODOWY NATIONAL STADIUM	POL	WARSAW	CIMOLAI S.P.A.	CABLE SYSTEM SUPPLY AND INSTALLATION	2010-2011
ALLIANZ STADIUM (JUVENTUS STADIUM)	ITA	TURIN	FIP INDUSTRIALE	CABLE SYSTEM SUPPLY AND INSTALLATION	2010-2011
ARCH ROAD BRIDGE OVER MIÑO RIVER	ESP	LUGO	FCC	HANGERS CABLES	2010-2011
BC PLACE VANCOUVER STADIUM	CAN	VANCOUVER	FREYSSINET INTERNATIONAL	CABLE SYSTEM SUPPLY	2010-2011
FØRSØDDIN SUSPENSION FOOTBRIDGE	NOR	LEIRA	HMRVOSS	MAIN CABLES	2010
SUSPENSION FOOTBRIDGE	ITA	CONTRON (PN)	COS.ME.	SUSPENSION, STABILISING AND HANGERS CABLES. INSTALLATIONS AND TENSIONING ASSISTANCE	2010
TENTS OVER JAMARAAT BRIDGE	SAU	MINA	ALI TAMIMI & SONS	MEMBRANE STAYED ROOF, STAY CABLES	2010
STAYED ROAD BRIDGE	MOZ	TETE	ICQ	HANGERS CABLES SUBSTITUTION, INSTALLATION AND TENSIONING ASSISTANCE	2010
ROAD ARCH BRIDGE DAMBOVITA RIVER	ROU	BUCHAREST	ASTALDI-FCC	HANGERS CABLES	2010
PEDESTRIAN STAYED BRIDGE OVER SECCHIA RIVER	ITA	SASSUOLO (MO)	CISAF	STAY CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2010
KRAKÓW PEDESTRIAN ARCH BRIDGE	POL	KRAKÓW	INTOP-ATM	CABLE SYSTEM SUPPLY	2010
NECKARBRUKE STAYED ROAD BRIDGE	DEU	ZWINGENBERG AM NECKAR	MCE-SMB	STAY CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2010
STAYED FOOTBRIDGE	ITA	CINISELLO BALSAMO (MI)	CARPENFER ROMA	STAY CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2010
TEMPORARY ROAD BRIDGE OVER PO RIVER	ITA	PIACENZA	CIMOLAIS.P.A.	FLOATING BRIDGE, MOORING CABLES	2010
STAYED FOOTBRIDGE	ITA	AOSTA	OMC	STAY CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2009
JAGIELLONSKA ARCH FOOTBRIDGE	POL	WARSAW	INTOP - ATM	HANGERS CABLES	2009
AUDITORIUM OSCAR NIEMEYER	ITA	RAVELLO (NA)	PACO COSTRUZIONI	BRACINGSSYSTEM	2009
FOOTBRIDGE OVER SIEVE RIVER	ITA	FLORENCE	HABITAT LEGNO	STAY CABLES	2009
SHIPLOADER	AUS	PERTH	SANDVIK MINING AUSTRIA	BOOM SUSPENSION CABLES	2009



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NEW TREVISO DISTRICT HEAD OFFICE	ITA	TREVISO	SETTEN	TENDON CABLE SYSTEM	2009
YAS MARINA CIRCUIT	UAE	ABUDHABI	TAYIO EUROPE GMBH	CABLE SYSTEM SUPPLY	2009
SUSPENSION FOOTBRIDGE	MNE	PODGORICA	INTER-MOST AD	MAIN CABLES, HANGERS AND CLAMPS	2009
CLARKSLANE FOOTBRIDGE	NZL	AUCKLAND	HEB CONSTRUCTION	STAYED FOOTBRIDGE. HDPE SHEATH PROTECTED STAY CABLES	2009
ROAD BRIDGE	ITA	LUCCA	EDILSTEEL	CABLE STAYED BRIDGE, STAY CABLES	2009
"PONTE DEL MARE" CABLE STAYED FOOTBRIDGE	ITA	PESCARA	PICHLER	CABLE SYSTEM SUPPLY AND INSTALLATION	2009
STAYED DRAWBRIDGE	ITA	LASPEZIA	S.I.M.A.N.	STAY CABLES AND INSTALLATION ASSISTANCE	2009
ZAGREB SPORT ARENA	HRV	ZAGREB	BBRCONNEX	CABLE SYSTEM SUPPLY AND INSTALLATION	2008-2009
KHAN SHATYR ENTERTAINMENT CENTRE	KAZ	ASTANA	MONTAGESERVICE	CABLE SYSTEM SUPPLY	2008-2009
COLLEGEBRUG STAYED AND SUSPENSION FOOTBRIDGE	BEL	KORTRIJK	ANMECO	CABLE SYSTEM SUPPLY AND INSTALLATION	2008
STAYED FOOTBRIDGE	ITA	GOITO (MN)	GED	STAY CABLES AND INSTALLATION ASSISTANCE	2008
TELECOM-TV ANTENA	ITA	PENICE (PC)	LIBERTÀ PIACENZA	CABLE STAYED ANTENA INSPECTION AND MAINTENANCE	2008
SUSPENSION FOOTBRIDGE	ITA	PLAN DI MEDUNA (PN)	IMPRESA PREVEDELLO ISIDORO	SUSPENSION AND STABILISING CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2008
NCIG OPERATING MACHINE	AUS	PERTH	SANDVIK	BOOM SUSPENSION CABLE	2008
CAPE LAMBERT OPERATING MACHINE	AUS	PERTH	SANDVIK	BOOM SUSPENSION CABLE	2008
STAYED FOOTBRIDGE	ITA	CASALECCHIO (BO)	ORTOLAN	STAY CABLES	2008
MOTORWAY TERMINAL ROOF	ITA	RONCHIS (UD)	ORTOLAN	ROOF STAY CABLE SYSTEM	2008
ARCH BRIDGE M50	IRL	DUBLIN	THOMPSON STRUCTURE	SUSPENSION HANGERS SYSTEM	2008
ROAD ARCH BRIDGE	ITA	ZAMBANA (TN)	CORDIOLI & C. SPA	TENDON HANGERS	2008
BROCKMAN OPERATING MACHINE	AUS	PERTH	SANDVIK	BOOM SUSPENSION CABLE	2008
SPORTHALL	ITA	BIELLA	EDILCENTRO	ROOF STAY CABLE SYSTEM	2008
FARE STAYS	ITA	SANNAZZARO DE BURGONDI	DEMONT	TENSIONING SUPERVISION AND ASSISTANCE	2008
SUSPENSION FOOTBRIDGE OVER RIO MIÑIO	ESP	LUGO	MEKANO 4	MAIN AND HANGERS CABLES	2008
WARATAH II-III-IV OPERATING MACHINE	AUS	PERTH	SANDVIK	BOOMSUSPENSION CABLE	2008
SUSPENSION FOOTBRIDGE	ITA	ALBOSAGGIA (SO)	TENSOSPAZIO	SUPPORTING AND STABILISING CABLES	2008
TENSOSTUCTURE BUILDING COVERING	ITA	BOLOGNA	METALSTRUTTURE	HORIZONTAL BRACINGS	2008
HIPPODROME GRANDSTAND ROOF	ITA	MODENA	SOCIETÀ MODENESE	INSPECTION AND MAINTENANCE	2008



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ZARAGOZA EXPO 2008 SHADE STRUCTURE	ESP	ZARAGOZA	IASO	CABLE SYSTEM SUPPLY	2008
DE LA ALZAMORA FOOTBRIDGE - RIO EBRO	ESP	ZARAGOZA	FCC	STAY CABLES	2008
STAYED FOOTBRIDGE	ITA	IMOLA (BO)	GED	STAY CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2008
STAYED ROAD BRIDGE	ITA	TRENT	CORDIOLI & C. SPA	STAY CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2007-2008
SUSPENDED BUILDING	ITA	TRENT	PREMETAL	SUSPENDED BUILDING, STAY CABLES	2007-2008
FOOTBRIDGE OVER A13 MOTORWAY	ITA	BOLOGNA	SIPAL	CABLE SYSTEM SUPPLY AND INSTALLATION	2008
BOLOGNA FAIR ROOF	ITA	BOLOGNA	MEROITALIANA	ROOF CABLE SYSTEM, INSTALLATION AND TENSIONING ASSISTANCE	2007-2008
ÄLVSBORG ROAD BRIDGE	SWE	GOTHENBURG	VAGVERKET REGION VAST	SUSPENSION BRIDGE, NEW HANGERS	2007-2008
THE CHORDS BRIDGE	IL	JERUSALEM	KOOR METALS	CABLE SYSTEM SUPPLY AND INSTALLATION	2007-2008
ZUID-WILLELMSVAART CABLE STAYED FOOTBRIDGE	BEL	DILSEN-STOKKEM	IEMANTS	CABLE SYSTEM SUPPLY AND INSTALLATION	2007
EDITORIALE LIBERTÀ STAY ROOF	ITA	PIACENZA	CIB CARPENTERIA INDUSTRIALE BRESCIANA	ROOF CABLE SYSTEM	2007
STAYED ROOF	ITA	CESENA	MOBILIFICIO LUCCHI	STAY CABLES SUBSTITUTION	2007
RADIO MAST SCOTLAND	UK	CRIMOND	RIGOUT	STAY CABLES	2007
ROAD ARCH BRIDGE	ITA	EGNA ORA (TN)	GIUGLIANO COSTRUZIONI	HDPE SHEATH HANGERS	2007
FLARE STAYS	ITA	ROME	CESTARO ROSSI	INSPECTION AND MAINTENANCE	2007
FABIAN WAY BRIDGE	UK	SWANSEA	CITY AND COUNTY OF SWANSEA	STAY CABLES, INSTALLATION AND TENSIONING ASSISTANCE	2007
PEDESTRIAN BRIDGE	GEO	UREKI	ELITA BURJI	SUSPENSION FOOTBRIDGE, CABLE SYSTEM	2007
MADRID FAIR	ESP	MADRID	WAAGNER BIRO	ARCH CHAIN TENSOSTRUCTURES, CABLE SYSTEM	2007
ROAD BRIDGE OVER THE GUADALQUIVIR RIVER	ESP	CORDOBA	FCC, CONTRUCCION	ARCH BRIDGE, HANGER	2007
PEDESTRIAN BRIDGE	ITA	SEGRATE (MI)	SONNANTE	CABLE STAYED FOOTBRIDGE, STAY CABLES	2007
UNIVERSITY FOOBRIDGE	ESP	TOLEDO	ICQ	CABLE SYSTEM SUPPLY	2007
ROAD BRIDGE	ITA	LUCCA	ORTOLAN COSTRUZIONI	ARCH BRIDGE, HANGER CABLES	2006-2007
FLOATING ROAD BRIDGE	CAN	VICTORIA, B.C.	WESCO INDUSTRIES	FLOATING BRIDGE, HDPE SHEATH PROTECTED MOORING CABLES	2006-2007
UNIVERSITY FOOTBRIDGE	IRL	LIMERICK	HCB	SUPPORTED FOOTBRIDGE, CABLE SYSTEM	2006-2007
FOOTBRIDGE	ITA	BEINASCO (TO)	EDILSTEEL	CABLE STAYED FOOTBRIDGE, STAY CABLES	2006
MGDR FACTORY	ITA	TURIN	GEODIS IMMOBILIARE	CABLE STAYED ROAD BRIDGE, STAY CABLES, INSPECTION AND MAINTENANCE	2006



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SQUARE COVERING	ITA	GENOA	PDR	CABLE STAYED COVERING, MAINTENANCE	2006
ENI TORCH TOWER	ITA	SANNAZZARO (PV)	ENI	CABLE STAYED TOWER, MAINTENANCE	2006
TRANSMITTING ANTENNA	UK	VALE OF GLAMORGAN	RIGOUT	TRANSMITTING STATION ANTENNA, STAY CABLES	2006
FOOTBRIDGE	GRC	PIRAEUS	PROBETON ERGOTECHNIKI	CABLE STAYED FOOTBRIDGE, STAY CABLES	2006
MEMBRANE PIER ICHNUSA	ITA	CAGLIARI	CANOBBIO	MEMBRANE STAYED ROOF, STAY CABLES	2006
PEDESTRIAN BRIDGE	ITA	UDINE	COS.ME.	CABLE STAYED FOOTBRIDGE, STAY CABLES	2006
GYMNASIUM	ITA	MONTEPULCIANO (SI)	CARPEM	CABLE STAYED ROOF, STAY CABLE SYSTEM	2006
PEDESTRIAN BRIDGE, ROME EXPOSITION	ITA	ROME	COMETAL	FOOTBRIDGE HANGER	2006
CARACAS RAILWAY STATION ROOF	VEN	CARACAS	CIMOLAI S.P.A.	CABLE SYSTEM SUPPLY	2006
MUNICIPAL STADIUM OF BRAGA	PRT	BRAGA	ASSOC-SOARES DA COSTA	INSPECTION AND MAINTENANCE	2006
R-3 PEDESTRIAN BRIDGE	ESP	MADRID	MEKANO 4	CABLESYSTEMSUPPLY	2006
M-40 PEDESTRIAN BRIDGE	ESP	MADRID	MEKANO 4	CABLE STAYED FOOTBRIDGE, STAY CABLES	2006
MEMBRANE EXPOSITION PAVILION	ITA	BARI	ITALCOVER	BOUNDARY AND ANCHOR CABLES	2005-2006
PEDESTRIAN BRIDGE	BEL	KARJALY	SAVARONA	SUSPENSION FOOTBRIDGE, MAIN, STABILISING AND HANGER CABLES	2005-2006
SESTRIERE OLYMPIC PEDESTRIAN BRIDGE	ITA	SESTRIERE (TO)	COSTRADE	CABLE SYSTEM SUPPLY AND INSTALLATION	2005-2006
ARCH ROAD BRIDGE	ITA	PIEVE DI SOLIGO (TV)	ORTOLAN COSTRUZIONI	DOUBLE ARCH BRIDGE, HANGER CABLES	2005-2006
N° 2 ROAD BRIDGES	ITA	REGGIO EMILIA	CIMOLAI S.P.A.	CABLE SYSTEM SUPPLY AND INSTALLATION	2005-2006
REGGIO EMILIA ROAD BRIDGE	ITA	REGGIO EMILIA	CIMOLAI S.P.A.	CABLE SYSTEM SUPPLY AND INSTALLATION	2005-2006
TURIN OLYMPIC FOOTBRIDGE	ITA	TURIN	ATI/SERMECA - FALCONE	CABLE SYSTEM SUPPLY AND INSTALLATION	2005-2006
RIMINI EXHIBITION PAVILIONS	ITA	RIMINI	RIMINI FIERA	ARCH CHAINS TENSOSTRUCTURES, CABLE CHAINS	2005-2006
PEDESTRIAN BRIDGE	ITA	FORTEZZA (BZ)	HOLZBAU	SUSPENSION REINFORCEMENT, CHATENARY CABLE SYSTEM	2005
PEDESTRIAN BRIDGE OVER TOPINO RIVER	ITA	FOLIGNO (PG)	DELL'ACQUA COSTRUZIONI GENERALI	ARCH FOOTBRIDGE, HANGER CABLES	2005
PEDESTRIAN BRIDGE	ITA	BUSTO ARSIZIO (VA)	COESTRA	CABLE STAYED FOOTBRIDGE, STAY CABLES	2005
MUNICIPAL STADIUM OF BRAGA	PRT	BRAGA	SOARES DA COSTA	INSPECTION AND MAINTENANCE	2005
EXHIBITION PAVILIONS	PRT	LAGOS	ICQ	ARCH CHAINS TENSOSTRUCTURES, CABLE CHAINS	2005
MALABO STADIUM	GNQ	MALABO	H.C.BBOUYGUES INTERNATIONAL	TENSOSTRUCTURE CABLE SYSTEM	2005

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ARCH ROAD BRIDGE	FRA	ANGOULEME	H.C.B. JOSEPH PARIS	ARCH BRIDGE, HDPE SHEATH PROTECTED HANGER CABLES	2005
AESTHETIC FACADE	FRA	CLERMONT FERRAND	H.C.BSERAM	HDPE SHEATH PROTECTED CABLES FOR GLASS CURTAIN ROAD	2005
BORMIO PEDESTRIAN BRIDGE	ITA	BORMIO (SO)	G.A.L.	CABLE SYSTEM SUPPLY AND INSTALLATION	2005
RIVER WEIR-FILTER	ITA	SARCHE (TN)	CO.GEN.	CABLE SYSTEM SUPPLY AND INSTALLATION	2005
SPORTHALL	ITA	MONTEPULCIANO (SI)	CARPEM	STAYED ROOF - STAY CABLES	2005
ST. PANCRAS STATION LIGTHING SYSTEM	UK	LONDON	MACALLOY-ENTECH	CATENARY CABLES FOR LIGHTING SYSTEM	2005
PEDESTRIAN BRIDGE	ESP	FUENGIROLA	MEKANO 4	CABLE STAYED FOOTBRIDGE, STAY CABLES	2005
FOOTBRIDGE	ITA	VALDIERI (CN)	PARCO NATURALE ALPI MARITTIME	SUSPENSION FOOTBRIDGE, MAIN AND STABILISING CABLES	2005
REPERE SIGNAL OLYMPIQUE	FRA	PARIS	H.C.B EIFFEL	TEMPORARY MAST FOR OLYMPIC EXIBITION	2005
INSPECTION ELEVATOR	ITA	SAN POLO DI PIAVE (TV)	SBS	AERIAL PLATFORM, SUSPENSION AND STABILISING CABLES	2005
THE LONDON EYE	UK	LONDON	HOLLANDIA	WHEEL CABLE SYSTEM, INSPECTION	2005
CAMMI STAYED ROOF	ITA	CALVISANO (BS)	CERIALI COSTRUZIONI	CABLE STAYED ROOF, STAY CABLE SYSTEM	2004-2005
SWIMMING POOL ROOF	ITA	SEGRATE (MI)	LAGEN	PLANE TENSOSTRUCTURES, CABLES MAINTENANCE	2004-2005
PEDESTRIAN BRIDGE	ITA	TRENT	CARPENTERIE ROTALIANE 2	SUSPENSION FOOTBRIDGE, MAIN AND HANGER CABLES	2004-2005
PEDESTRIAN BRIDGE	ITA	VENZONE (UD)	L'ELETTROTECNICA S.C.A.R.L.	SUSPENSION FOOTBRIDGE, MAIN, STABILISING AND HANGER CABLES	2004-2005
PEDESTRIAN BRIDGE	ITA	TREVISO	ORTOLAN COSTRUZIONI	CABLE STAYED FOOTBRIDGE, STAY CABLES	2004
MEMBRANE EXPOSITION PAVILION	ITA	BARI	ITALCOVER	PLANE TENSOSTRUCTURES, CABLES	2004
TORCH TOWER	NLD	DONGEN	MENNENS DONGEN B.V.	CABLE STAYED TOWER, GUY CABLES	2004
PEDESTRIAN BRIDGE	ITA	VALBREMBO (BS)	PANDINI	SUSPENSION FOOTBRIDGE, MAIN CABLES	2004
CARRARA EXHIBITION PAVILIONS	ITA	CARRARA	I.M.M.C.	PLANE ROOF TENSOSTRUCTURES, INSPECTIONS	2004
FACADE	ITA	MILAN	ITALCABLES	GLASS CURTAIN WALL CABLES	2004
SPORT HALL ROOF	ITA	TRIVERO (BI)	TENSOSPAZIO	PLANE TENSOSTRUCTURES, CABLES	2004
ROME OLYMPIC STADIUM	ITA	ROME	IMAC	SPACE TENSOSTRUCTURE, CABLE SYSTEM INSPECTION	2004
SUSPENSION PIPE WATER	ITA	AREZZO	F.LLI AGUZZI - COINT	SUSPENSION CATENARY CABLE SYSTEM, MAINTENANCE	2004
PEDESTRIAN BRIDGE	ITA	PIOSSASCO (TO)	LAFONDAZIONE	SUSPENSION REINFORCEMENT CATENARY CABLE SYSTEM	2004



PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
TORCH TOWER	ITA	CUPELLO (CH)	STOGIT	CABLE STAYED TOWER, MAINTENANCE	2004
TORCH TOWER	ITA	MINERBIO (BO)	STOGIT	CABLE STAYED TOWER, MAINTENANCE	2004
ROAD BRIDGE	ITA	MALIZIA (SI)	TECNOSTEEL	ARCH BRIDGE, HANGER CABLES	2004
THE LONDON EYE	UK	LONDON	HOLLANDIA	WHEEL CABLE SYSTEM, INSPECTION	2004
SUMMER PAVILION	ITA	CASTANO PRIMO (MI)	EDILSERIO	PLANE TENSOSTRUCTURES, CABLES	2004
SWIMMING POOL ROOF	ITA	BOLOGNA	ISPA	PLANE TENSOSTRUCTURES, ROOF CABLES	2004
RIMINI EXIBITION PAVILIONS	ITA	RIMINI	EUROHOLZ	ARCH CHAINS TENSOSTRUCTURES	2004
SWIMMING POOL ROOF	ITA	CORNAREDO (MI)	TENSOSPAZIO ITALIA	PLANE TENSOSTRUCTURES, CABLES	2004
SUSPENDED OFFICES	ITA	BUSSOLENGO (VR)	LMV	SUSPENDED BUILDING, STAY CABLES	2004
ZOUTHAVEN FOOTBRIDGE	NLD	AMSTERDAM	BAM-SS	CABLE SYSTEM SUPPLY AND INSTALLATION	2004
PEDESTRIAN BRIDGE	ITA	BEINASCO (TO)	MO.SPE.CA.	CABLE STAYED FOOTBRIDGE, STAY CABLES	2004
SAN SALVADOR SCULPTURE	PRT	MATOSINHOS	ICQ	CABLE SYSTEM SUPPLY AND INSTALLATION ASSISTANCE	2004
ORTISEI PEDESTRIAN BRIDGE	ITA	ORTISEI (BZ)	PICHLER	CABLE SYSTEM SUPPLY AND INSTALLATION	2004
PEDESTRIAN BRIDGE	ITA	FARRA D'ALPAGO (BL)	HOLZBAU	CABLES STAYED PEDESTRIAN BRIDGE, STAY CABLES	2004
CATENARIES LIGHTING SYSTEM	ITA	TURIN	CTE-SIFEL	MAIN CABLES, SECONDARY CABLES AND HANGERS SYSTEM	2004
SPIDERNET FOR OLYMPIC STADIUM	GRC	ATHENS	ELEMKASA	ROPE NET, CABLE SYSTEM	2003-2004
ATHENS OLYMPIC STADIUM	GRC	ATHENS	CIMOLAIS.P.A.	CABLE SYSTEM SUPPLY	2003-2004
BENNEBROEKERWEG ROAD BRIDGES	NLD	HAARLEMMERMEER	VICTOR BUYCK STEEL CONSTRUCTION	TWO CABLE STAYED BRIDGES, STAY CABLES	2003-2004
TOOLENBURG WALKWAY AND ROAD BRIDGES	NLD	HAARLEMMERMEER	VICTOR BUYCK STEEL CONSTRUCTION	TWO CABLE STAYED BRIDGES, STAY CABLES	2003-2004
NIEUW VENNEP ROAD BRIDGE	NLD	HAARLEMMERMEER	VICTOR BUYCK STEEL CONSTRUCTION	CABLE SYSTEM SUPPLY	2003-2004
SWIMMING POOL ROOF	ITA	TRAVAGLIATO (BS)	TENSOSPAZIOITALIA	PLANE TENSOSTRUCTURES, CABLES	2003
ROAD BRIDGE	ITA	VILLANOVA D'ALBENGA (SV)	MONSUD	CABLE STAYED BRIDGE, STAY CABLES	2002-2003
MUNICIPAL STADIUM OF BRAGA	PRT	BRAGA	ASSOC-SOARES DA COSTA	CABLE SYSTEM SUPPLY AND INSTALLATION	2002-2003
CHIMNEYS	ITA	COLLEFERRO (RM)	PIANIMPIANTI	CABLE STAYED CHIMNEYS, STAY CABLES	2003
THE LONDON EYE	UK	LONDON	HOLLANDIA	WHEEL CABLE SYSTEM, INSPECTION	2003
PEDESTRIANBRIDGE	ITA	CORSICO (MI)	COMUNE DI CORSICO	CABLE STAYED BRIDGE, STAY CABLES	2003
PEDESTRIAN BRIDGE	ITA	BOCENAGO (TN)	PICHLER	CABLE STAYED FOOTBRIDGE, STAY CABLES	2002

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PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
TORCH TOWER	ITA	DOMODOSSOLA (VB)	SICES	CABLE STAYED TOWER, STAY CABLES	2002
GLASS FACADE	ITA	BIANCADE (TV)	REFLEX	CABLESFORGLASSFACADE	2002
FORLANINI STAYED FOOTBRIDGE	ITA	MILAN	PROFACTA	CABLE STAYED FOOTBRIDGE, STAY CABLES, INSPECTION AND MAINTENANCE	2002
RIMINI EXHIBITION PAVILIONS	ITA	RIMINI	RIMINI FIERA	ARCH CHAINS TENSOSTRUCTURES, INSPECTION, RETENSIONING	2002
TORCH TOWER	ITA	SABBIONCELLO (FE)	ENI-AGIP	CABLE STAYED TOWER, MAINTENANCE	2002
TORCH TOWER	ITA	CORTEMAGGIORE (PC)	ENI-AGIP	CABLE STAYED TOWER, MAINTENANCE	2002
IMAX CINEMA	ITA	CASTELLANETA MARINA (TA)	METALMECCANICA DI FONZO	CABLE STAYED ROOF, STAY CABLES	2002
PIPELINE BRIDGE	ITA	BONDENO (FE)	COOPCOSTRUTTORI	CABLE STAYED BRIDGE, STAY CABLES	2002
RIO MANZANARES M-30 FOOTBRIDGE	ESP	MADRID	FCC	CABLE STAYED FOOTBRIDGE, STAY CABLES	2002
MARINAFIERA 1 FAIR	ITA	GENOA	FALCONE	CABLE STAYED ROOF, STAY CABLES	2002
BERGAMO FAIR	ITA	BERGAMO	FIERA	ARCH CHAIN TENSOSTRUCTURES, CABLE SYSTEM	2002
ROME OLYMPIC STADIUM	ITA	ROME	IMAC	SPACE TENSOSTRUCTURE, CABLE SYSTEM INSPECTION	2002
THE LONDON EYE	UK	LONDON	HOLLANDIA	WHEEL CABLE SYSTEM INSPECTION	2002
CHURCH ROOF	ITA	LOANO (SV)	PARROCCHIA S. PIO X	ROOF PLANE TENSOSTRUCTURES RETENSIONING	2002
DELLE ALPI STADIUM	ITA	TURIN	TORINO MUNICIPALITY	SPACE TENSOSTRUCTURE INSPECTION, MONITORING AND MAINTENANCE	2002
PEDESTRIAN BRIDGE	FRA	BLAGNAC	НСВ	CABLE STAYED FOOTBRIDGE, STAY CABLES	2002
PEDESTRIAN BRIDGE	FRA	SAINTMARTIN	НСВ	CABLE STAYED FOOTBRIDGE, STAY CABLES	2002
ROAD BRIDGE	ITA	GORGONZOLA (MI)	ALFA SOGEMI	CABLE STAYED BRIDGE, STAY CABLES	2002
PEDESTRIAN BRIDGE	ITA	COMO	CERRI	CABLE STAYED FOOTBRIDGE, STAY CABLES	2002
HANAPPI STADIUM STAND ROOF	AUT	WIEN	ZEMAN	ROOF TENSOSTRUCTURE CABLES	2002
GLASS FACADE	ITA	VENARIA (TO)	ED.AR.T.	CABLE FOR GLASS FACADE	2002
PEDESTRIAN BRIDGE	ITA	GRESSAN (AO)	CHENEVIER	CABLE STAYED FOOTBRIDGE, STAY CABLES	2001-2002
SWIMMING POOL ROOF	ITA	OGGIONO (LC)	ALBERGHI BRIANTEI	CABLE STAYED ROOF, STAY CABLES	2001-2002
STADIUM STAND ROOF	ITA	REGGIO CALABRIA	REGGIO CALABRIA MUNICIPALITY	CABLE STAYED ROOF, INSPECTION, RETENSIONING AND MAINTENANCE	2001
STADIO BRIANTEO STAND ROOF	ITA	MONZA	MONZA CALCIO	SPACE TENSOSTRUCTURE, INSPECTION AND MAINTENANCE	2001
PEDESTRIAN BRIDGE	NLD	CARNISSELANDEN	HBG	CABLE STAYED FOOTBRIDGE, STAY CABLES	2001

PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
DELLE ALPI STADIUM	ITA	TURIN	TORINO MUNICIPALITY	SPACE TENSOSTRUCTURE INSPECTION, MONITORING AND MAINTENANCE	2001
REINFORCED CONCRETE ARCH FRAME	ITA	ANZIO (RM)	COLGATE PALMOLIVE	EXTERNAL REINFORCEMENT PRESTRESSING CABLES	2001
GLASS ROOFING	ITA	VENICE	MAEG	CABLES FOR STAYED AND SUSPENSION TENSOSTRUCTURE	2001
WORLD CYCLING CENTRE VELODROME	CHE	AIGLE	SEELE	CABLE SYSTEM SUPPLY	2001
SOEVEREIN ARENA	BEL	LOMMEL	CSM	CABLE SYSTEM SUPPLY AND INSTALLATION	2001
NEW RIMINI EXIBITION PAVILIONS	ITA	RIMINI	IMPREGILO	ARCH CHAINS TENSOSTRUCTURES	2000-2001
PEDESTRIAN BRIDGE	ITA	SPIAZZO (TN)	PREMETAL	CABLE STAYED FOOTBRIDGE, STAY CABLES	2000-2001
PARTY AREA COVERING	ITA	CASTANO PRIMO (MI)	PIZZI	PLANETENSOSTRUCTURES	2000-2001
LESE RIVER BRIDGE	ITA	CASTELSILANO (KR)	COGES	HANGER CABLES FOR ARCH SUSPENDED BRIDGE	2000-2001
PIAZZA BUCINTORO	ITA	VENICE	MAJOR COSTRUZIONI	STAY CABLES FOR SPACE STRUCTURE	2000-2001
PALAPANINI SPORT HALL	ITA	MODENA	FONTANA	EXTERNAL REINFORCING CABLES FOR STEEL TRUSSES	2000
GRANDE BIGO	ITA	GENOA	PORTO ANTICO GENOVA	SPACE STAYED STRUCTURE INSPECTION AND MAINTENANCE	2000
GYMNASIUM	ITA	CILAVEGNA (PV)	CILAVEGNA MUNICIPALITY	ROOF, PLANE TENSOSTRUCTURES, RETENSIONING	2000
DELLE ALPI STADIUM	ITA	TURIN	TORINO MUNICIPALITY	SPACE TENSOSTRUCTURE, RETENSIONING AND SPECIAL MAINTENANCE	2000
FACTORY BUILDING	ITA	CENTURIPE (EN)	LAPROMETEC	MULTISPAN PLANE TENSOSTRUCTURES, CABLE SYSTEM	2000
DEUTSCHE BANK BUILDING	ITA	MILAN	LEONI	CABLE STAYED ROOF, STAY CABLES	2000
TORCH TOWER	ITA	CASALE CREMASCO (CR)	ENI	CABLE STAYED TOWER, INSPECTION AND MAINTENANCE	2000
TORCH TOWER	ITA	SANNAZZARO (NO)	SAMIA	CABLE STAYED TOWER, INSPECTION AND MAINTENANCE	2000
PIPELINE BRIDGE	ITA	LARDERELLO (SI)	SOCIETÀ CHIMICA LARDERELLO	SUSPENSION BRIDGE, INSPECTION	2000
GYMANSIUM ROOF	ITA	DESENZANO (BS)	DESENZANO MUNICIPALITY	SPACE TENSOSTRUCTURE, SPECIAL INSPECTION AND MAINTENANCE	2000
REINFORCED CONCRETE ARCH FRAME	ITA	ANZIO (RM)	COLGATE PALMOLIVE	EXTERNAL REINFORCEMENT CABLES	1999
TORCH TOWER	ITA	ROME	RAFFINERIE DI ROMA	CABLE STAYED TOWER INSPECTION AND MAINTENANCE	1999
RIVER EBRO BRIDGE	ESP	CASTEJON	DRACE	CABLE STAYED BRIDGE STAY CABLES REPLACEMENT	1999
SWIMMING POOL ROOF	ITA	BRESCIA	TENSOSPAZIOITALIA	PLANE TENSOSTRUCTURES CABLES	1999
PEDESTRIAN BRIDGES	ITA	CESANO MADERNO (MB)	OLMET	CABLE STAYED BRIDGES STAY CABLES	1999

SEFERENCES



PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
ROME OLYMPIC STADIUM	ITA	ROME	IMAC	SPACE TENSOSTRUCTURE INSPECTION	1999
MALPENSA 2000 CARGO CITY STAYED ROOF	ITA	MALPENSA AIRPORT CARGO CITY	OFFICINE TOSONI	CABLE STAYED ROOF STAY CABLE SYSTEM	1999
STADIUM STAND ROOF	ITA	REGGIO CALABRIA	FERROCEMENTO CONDOTTE	CABLE STAYED ROOF STAY CABLE SYSTEM	1999
HIPPODROME STAND ROOF	ITA	MODENA	SMEFCC	CABLE STAYED ROOF, STAY CABLES INSPECTION AND MAINTENANCE	1999
THE LONDON EYE	UK	LONDON	HOLLANDIA	CABLE SYSTEM SUPPLY AND INSTALLATION	1999
VINALOPO RIVER SUSPENSION ROAD BRIDGE	ESP	ELCHE	FOMENTO	SUSPENSION BRIDGE, MAIN CABLES, HANGERS	1999
DELLE ALPI STADIUM	ITA	TURIN	COMAPI	SPACE TENSOSTRUCTURE INSPECTION, MONITORING AND MAINTENANCE	1999
PEDESTRIAN BRIDGE	ITA	FAEDO V.T. (SO)	ITALENGINEERING	SUSPENSION BRIDGE, CABLES	1999
FORTH ROAD SUSPENSION BRIDGE	UK	EDINBURGH	MTSTEEL	CABLE SYSTEM SUPPLY	1999
ROAD BRIDGE	ITA	MONTEBELLUNA (TV)	COGEBA	EXTERNAL REINFORCEMENT CABLES	1998
PISA TOWER SAFETY STAY CABLES	ITA	PISA	SOILMEC	CABLE SYSTEM SUPPLY AND INSTALLATION	1998
BAYER STAYED ROOF	ITA	GARBAGNATE MILANESE (MI)	OFFICINE LANDINI	CABLE STAYED ROOF, STAY CABLE SYSTEM	1998
STADSKANAAL BRIDGE	NLD	STADSKANAAL	HSM	CABLE STAYED BRIDGE, STAY CABLES	1998
DELLE ALPI STADIUM	ITA	TURIN	COMAPI	SPACE TENSOSTRUCTURE INSPECTION, MONITORING AND MAINTENANCE	1998
REINFORCED CONCRETE ARCH FRAME	ITA	ANZIO (RM)	COLGATE PALMOLIVE	EXTERNAL REINFORCEMENT CABLES	1998
PEDESTRIAN BRIDGE	ITA	PALAZZOLO DELLO STELLA (UD)	OFF.M.A. SRL	SUSPENSION BRIDGE, MAIN CABLES AND HANGERS REPLACEMENT	1998
PEDESTRIAN BRIDGE	ITA	LISSONE (MB)	MECOOP	CABLE STAYED CURVED BRIDGE STAY CABLE SYSTEM	1998
GALBANI STAYED ROOF	ITA	CASALE CREMASCO (CR)	CERIALI COSTRUZIONI	CABLE STAYED ROOF STAY CABLE SYSTEM	1997-1998
VALEX STAYED COVERING	ITA	SCHIO (VI)	VALEX	CABLE STAYED ROOF STAY CABLE SYSTEM	1997-1998
SPORT HALL COVERING	ITA	PRATO (FI)	FUBELLI	PLANE TENSOSTRUCTURES	1997-1998
EXHIBITION PAVILION ROOF	ITA	MARINA DI CARRARA (MC)	IFF CARRARA EXPO	MULTISPAN PLANE TENSOSTRUCTURES	1997-1998
SAN BARTOLOMEO CHURCH	ITA	BRUGHERIO (MB)	TECNOBRIANZA	HOOPING OF THE DOME CHAINING OF THE ARCHS	1997-1998
SPORT HALL ROOF	ITA	PALERMO	CGP	PLANETENSOSTRUCTURE	1997-1998
ROME OLYMPIC STADIUM	ITA	ROME	IMAC	SPACE TENSOSTRUCTURE RETENSIONING	1997
MGDR FACTORY AND BUILDING	ITA	TURIN	MGDR	CABLE STAYED ROAD BRIDGE AND BUILDING INSPECTION AND MAINTENANCE	1997
GRANDE BIGO	ITA	GENOA	PORTO ANTICO DI GENOVA	SPACE STAYED STRUCTURE INSPECTION AND MAINTENANCE	1997

PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
FACTORY BUILDING	ITA	CENTURIPE (EN)	LAPROMETEC	MULTISPAN PLANE TENSOSTRUCTURES, CABLE SYSTEM	1997
DELLE ALPI STADIUM	ITA	TURIN	COMAPI	SPACE TENSOSTRUCTURE INSPECTION, MONITORING AND MAINTENANCE	1997
PEDESTRIAN BRIDGE	ITA	CORTINA ALL'ADIGE (BZ)	CIMOLAI S.P.A.	CABLE STAYED BRIDGE STAY CABLE SYSTEM	1997
STOREBÆLT EAST BRIDGE	DNK	STOREBÆLT	COINFRA	HANGERS SEPARATORS AND HANDROPES ACCESSORIES	1997
STOREBÆLT EAST BRIDGE	DNK	STOREBÆLT	COINFRA	CABLE SYSTEM SUPPLY	1996-1997
CAPELLE A/D IJSSEL RIVIUM BRIDGE	NLD	CAPELLE A/DIJSSEL	HSM	CABLE STAYED BRIDGE STAY CABLES	1996-1997
CABLE STAYED ROAD BRIDGE	ITA	PALAZZOLO (BS)	VIBERTO	CABLE STAYED BRIDGE STAY CABLE SYSTEM	1996-1997
DELLE ALPI STADIUM	ITA	TURIN	SOGEALPI	SPACE TENSOSTRUCTURE INSPECTION, MONITORING AND MAINTENANCE	1996
STAYED BUILDING	ITA	FERENTINO (FR)	N2	STAYED BUIDING STAY CABLE SYSTEM	1996
CONGRESS HALL ROOF	ITA	AVIGLIANO (PZ)	ITALENGINEERING	PLANE TENSOSTRUCTURES CABLES	1996
TELECOM-TV TOWER	ITA	PENICE MOUNTAIN (PC)	LIBERTÀ PIACENZA	CABLE STAYED TOWER INSPECTION AND MAINTENCE	1996
ROAD ARCH BRIDGE	ITA	ALBENGA (SV)	CFM	ARCH SUSPENSION BRIDGE HANGERS	1995
SPORT HALL ROOFING	ITA	BREMBATE (BG)	ITALENGINEERING	PLANE TENSOSTRUCTURES CABLES	1995-1996
SWIMMING POOL ROOFING	ITA	ISILI (SU)	ITALENGINEERING	PLANE TENSOSTRUCTURES CABLES	1995-1996
STOREBÆLT EAST BRIDGE	DNK	STOREBÆLT	COINFRA	SUSPENSION BRIDGE HANGERS	1995-1997
TORCH TOWER	UAE	ABUDHABI	NAO	CABLE STAYED TOWERS STAY CABLE SYSTEM	1995
ROME OLYMPIC STADIUM	ITA	ROME	IMAC	SPACE TENSOSTRUCTURE INSPECTION AND MONITORING	1995
DELLE ALPI STADIUM	ITA	TURIN	SOGEALPI	SPACE TENSOSTRUCTURE INSPECTION MONITORING AND MAINTENANCE	1995
PEDESTRIAN BRIDGE	ITA	SCANDICCI (FI)	SCANDICCI MUNICIPALITY	CABLE STAYED BRIDGE INSPECTION	1995
SWIMMING POOL ROOF	ITA	ARCORE (MB)	ARCORE MUNICIPALITY	PLANE TENSOSTRUCTURES SPECIAL MAINTENANCE	1994-1995
SPORT HALL ROOF	ITA	ROSETO DEGLI ABRUZZI (TE)	ROSETOMUNICIPALITY	PLANE TENSOSTRUCTURES INSPECTION AND MAINTENANCE	1994
PEDESTRIANBRIDGE	UK	BRISTOL	CIMOLAI S.P.A.	CABLE STAYED BRIDGE STAY CABLE SYSTEM	1994
MGDR OFFICE BUILDING	ITA	TROFARELLO (TO)	MGDR	CABLE STAYED BUILDING STAY CABLE SYSTEM	1994
MGDR FACTORY	ITA	TURIN	MGDR	CABLE STAYED ROAD BRIDGE STAY CABLE SYSTEM	1994
SPORTHALL	ITA	PESARO	CFM	TENSIONING ROPES FOR SPACE TRUSS SYSTEM	1994
FACTORY	ITA	VAREDO (MB)	SACLA	CABLE STAYED COVERING STAY CABLE SYSTEM	1994
25 APRIL SUSPENSION BRIDGE	PRT	LISBONA	HIDROSOREFAME	SUSPENSION BRIDGE REPLACEMENT OF HANGERS	1993

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PROJECT	COUNTRY	SITE	CLIENT	PROJECT DATA	YEAR
ANEMOMETRICTOWER	ITA	ALTA NURRA (SS)	GALTAROSSA	CABLE STAYED TOWERS, INSPECTION AND MAINTENANCE	1993
TORCH TOWER	ITA	ROME	RAFFINERIE DI ROMA	CABLE STAYED TOWER INSPECTION AND MAINTENANCE	1993
HOOPING OF THE DOME OF THE S. MARIA DEGLI ANGELI CATHEDRAL	ITA	ROME	POUCHAIN	HOOPING OF THE DOME	1993
FOOTBALL STADIUM	ITA	TURIN	SAPAM	SPACE TENSOSTRUCTURE, RETENSIONING, INSPECTION AND MANINTENANCE	1993-1994
SQUARE COVERING	ITA	GENOA	CMC	CABLE STAYED COVERING STAY CABLE SYSTEM	1993
HIPPODROME GRANDSTAND	ITA	MODENA	CFM	CABLE STAYED COVERING STAY CABLE SYSTEM	1993
SANTAMONICA STADIUM	ITA	MISANO ADRIATICO (RN)	CANOBBIO	CABLE SYSTEM SUPPLY	1992
AGIP TORCH TOWER	ITA	SANNAZZARO (PV)	SAMIA	CABLE STAYED TOWER STAY CABLE SYSTEM	1992
INTERNATIONAL EXIBITION	ITA	CARRARA (MC)	INTERNAZIONALE MARMI E MACCHINE	MULTISPAN PLANE TENSOSTRUCTURES INSPECTION AND MAINTENANCE	1992
ROPEWAY	ITA	SAN VINCENZO (LI)	SOLVAY	ROPEWAY SPECIAL MAINTENANCE	1992-1993
PIPELINE BRIDGE	ITA	PONTE S. GIOVANNI (PG)	BOSCO	SUSPENSION BRIDGE SPECIAL MAINTENANCE	1992
ANEMOMETRICTOWERS	ITA	ALTA NURRA (SS)	GALTAROSSA	CABLE STAYED TOWERS STAY CABLE SYSTEM	1992
MOTOWAY TERMINAL	ITA	RONDISSONE (TO)	BIOITALIA	CABLE STAYED COVERING STAY CABLE SYSTEM	1992
SPORT HALL	ITA	VIGEVANO (PV)	CEFER	PLANE TENSOSTRUCTURES	1992
FACTORY BUILDING ROOF	ITA	NICOLOSI (CT)	NICOLOSI MUNICIPALITY	MULTISPAN PLANE TENSOSTRUCTURE	1992
GRANDE BIGO	ITA	GENOA	CANOBBIO	CABLE SYSTEM SUPPLY AND INSTALLATION	1991-1992
FACTORY BUILDING ROOF	ITA	CENTURIPE (EN)	CENTURIPE MUNICIPALITY	MULTISPAN PLANE TENSOSTRUCTURES	1991
PEDESTRIAN BRIDGE	ITA	MILAN	PESSINA	CABLE STAYED BRIDGE STAY CABLE SYSTEM	1991
ROME OLYMPIC STADIUM	ITA	ROME	OLIMPICO'90	CABLE SYSTEM SUPPLY AND INSTALLATION	1990
SPORT HALL ROOF	ITA	REGGIO CALABRIA	M.L.M.	SPACE TENSOSTRUCTURE SYSTEM OF CABLES	1988
STADIO BRIANTEO STAND ROOF	ITA	MONZA (MB)	MONZA CALCIO	SPACE TENSOSTRUCTURE SYSTEM OF CABLES	1988



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