Bergen Light Rail: Inauguration of Lagunen stop, Norway

Bergen Light Rail: Efacec wins Telecommunications and Systems for the 3rd phase

After the success of the works performed by Efacec in the 2nd phase of the Bergen Light Rail, Efacec and Bybanen Utbygging signed the contract for the supply of a turnkey solution for Telecommunications and Systems for the 3rd phase of the second largest Norwegian city's LRT.

The Lagunen stop received the light rail for the first time last 6th December. The opening ceremony was attended by the County Mayor Tom-Christer Nilsen and many other visitors, all ready to celebrate this important event for Bergen city.

For this new extension, which connects Nesttun to Lagunen, Efacec provided a turnkey Traction Power Solution, including catenary, two traction substations and local telecontrol system (SCADA). The supplied systems include applications and equipment developed by Efacec, thus ensuring an integrated solution, perfectly adapted to the functional and operational requirements requested by Bybanen Utbygging.

Efacec was once again present at Innotrans 2012, held in Berlin. In line with technological trends in the transportation market, Efacec showed several innovative solutions and products on different areas, from braking energy storage systems to intelligent management systems and level crossings.

Thanks to all who visited us and contributed to the success of this event!

New contract with Movicel, Angola

Movicel, one of Angola's GSM operators, signed a new contract with Efacec for the supply and construction of a turnkey solution for the implementation of new telecom sites.

More 30 level crossings for Tunisian railways

Efacec signed a new contract for the supply of 30 new level crossing systems, to be installed in the Tunisian railway network. The contract has a total duration of 24 months and will be implemented by Efacec's department of Telecommunications & Signaling, with support from Efacec Tunisia local structure.

Efacec developed the first project for installation of an electric vehicle quick charging station in Brazil. This is the first of three quick charging stations for electric vehicles inaugurated by EDP in Brazil.

Efacec's quick chargers help to place Norway at the forefront of sustainable mobility.

Efacec presents its Combo-2 charger at eCarTech Munich 2012.

Efacec is increasingly becoming a benchmark when it comes to chargers for electric vehicles, being closer to the people around the world, helping to increase electric vehicle's presence in their cities...

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After being chosen, in 2011, to implement the electrification and catenary systems of the 2nd phase of this project (between Nesttun and Lagunen), Efacec won the tender for the implementation of the Telecom and Systems of the new line of Bergen Light Rail, connecting Lagunen to Flesland.

This contract comprises the implementation of all communication and associated systems on the new 7km line, including:

- Traffic management system (signalling status, location, onboard equipment, regulation, vehicle priority)
- Power SCADA
- Videosurveillance and public information (sound and visual)
- Intrusion detection
- TETRA communications
- Wi-Fi network
- Technical supervision
- Operation Command Centre (OCC) with integrated management and operational platform for the whole solution, including the migration of existing systems from Phases 1 and 2 in the new OCC.

The success obtained in the implementation of the 2nd phase of this project (electrification contract), where Efacec won the confidence of Bybanen Utbygging, and also the successful conclusion of the Dublin Light Rail (Ireland), where a similar procedure for system migration and replacement of the control center was performed, were decisive factors in choosing Efacec for execution of this ambitious project.

Bergen Light Rail:

Lagunen Inauguration

Efacec wins Telecom and Systems for the 3rd phase of Bergen Light Rail, Norway

News

New contract with Movicel, Angola

More about our infrastructures solutions...

Commissioning. Our solutions also include the supply of shelters with electrification, uninterruptible power supply, communication equipments and racks, HVAC system / ventilation system, fire detection and extinguishing, intrusion detection, flooding detection system, access control, CCTV and alarm management system.

The communication shelters are pre-fabricated, and the chosen combination of materials used, together with the shelter design, both performed by Efacec according to the specific requirements of site, application and end-use, ensures compliance with all requirements regarding thermal conductivity, fire resistance, leak tightness to water and dust, resistance to vandalism, among others.

For several years now that Efacec has been strongly promoting the development of innovative solutions for the construction of communication infrastructures for different market segments, like telecommunication operators, transportation systems and utilities in the areas of energy and water, and for more demanding applications such as the military environment.

Efacec's communication infrastructure solutions enclose a set of value-added services, from solution design customized to each client to construction, testing and top.

More 30 level crossings for Tunisian railways

Efacec signed a new contract for the supply of 30 new level crossing systems, to be installed in Tunisian rail network.

Following a contract implemented in 2012 for the supply of the first 10 systems, this new contract includes the design, supply, installation and commissioning of the complete barrier system, comprising the level crossing (designed by Efacec), axle counters, events register, barriers and warning devices.

The contract has a total duration of 24 months, and will be implemented by Efacec's department of Telecommunications & Signaling, with support from Efacec Tunisia's local structure.

Efacec signed a new contract with GSM operator Movicel for the supply and construction of a turn-key solution for all infrastructures necessary to the implementation of 10 new telecom sites.

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Efacec supplies quick chargers to Brazil

Efacec's quick chargers help to place Norway at the forefront of sustainable mobility. The official start-up of the project took place in Vestby, on the 24th of September. This project, named Ishavsveien ("Arctic road") - Fast charger Corridor, will contemplate the installation of 250 quick chargers and 300 standard chargers for Norway's national coverage.

Among other aspects, the major advantage of this platform is to allow consumers to charge their vehicle at any charging point, regardless of the operator. Today, Efacec holds reference projects in nearly 15 countries around the world, among which stand out Portugal, USA, Turkey, Abu Dhabi, Brazil, Spain, Netherlands, United Kingdom, South Africa, Belgium, Luxembourg and the Republic of Georgia.

Efacec is taking part in one of largest projects for quick charging infrastructures on a global scale, placing Norway at the forefront of sustainable mobility. The installation of this first electric charging station in Brazil is the result of a partnership between Fundação Instituto de Administração (FIA), Instituto de Eletrotécnica e Energia of the University of São Paulo (IEE/USP) and Sinapsis. The Research & Development project will assess the impact of electric vehicles in the country's power supply systems.

Efacec developed the first project for installation of an electric vehicle quick charging station in Brazil. This is the first of three quick charging stations for electric vehicles inaugurated by EDP in Brazil.

Developed by Efacec – who is already a supplier of electric mobility solutions in over 15 countries – this fast charging station allows users to charge a vehicle from 0% to 80% in less than 30 minutes. In a slow charging station with an AC current of 3.7kVA, it would take from six up to eight hours to perform the same task, depending on the vehicle's battery size.

Equipped with a billing system that allows users to make direct payments during charging, as well as integrating electric planning tools, this project enhances Efacec's prominent role in worldwide electric mobility solutions.

Efacec presents its Combo-2 charger at eCarTech Munich 2012.

After the US presentation at EVS26 (May-2012, Los Angeles) of the Dual Fast Charger Combo-1 (under SAE Standard) / CHAdeMO, Efacec presented at eCarTech 2012 (Oct-2012, Munich) its Dual Fast Charger with Combo-2 / AC43kW combination. After being within the first non-Japanese companies to certify its QC50 (a full CHAdeMO range, 62.5kW Fast Charger) in 2010, Efacec is now aiming to be again in the front line of fast charging development having its Dual QC (Quick-Charger) with enabled Combo-1 for US market, or Combo-2 for European market, in the early 2013.

With own technology, power electronics design and production, Efacec is finishing its development of a combined DC fast charger unit, where CHAdeMO and Combined Charging System (CCS – Combo-1 or 2) are integrated in the same charger sharing the AC-DC transformer, so reducing the investment for the implementation of the two standards. A third output of AC 43kW fast charging is optional, that can be either integrated as a third output or as an exchange of one of the two DC outputs.