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## **Bringing energy all around with Borlink™ innovations at Jicable '15**

Borealis and Borouge, leading providers of innovative, value-creating solutions for the wire and cable industry, announce their participation at the Jicable International Conference on Insulated Power Cables taking place in Versailles, France from 21 to 25 June 2015. Borealis and Borouge experts will showcase their portfolio of innovations based on the Borlink™ technology platform via the presentation of several scientific papers and will host a special event for leading industry representatives.

### **Long-standing track record and ground breaking innovation**

Borealis and Borouge have an unparalleled track record of more than 15 years proven operational excellence and leadership in high voltage direct current (HVDC) materials and a history stretching back more than 50 years in the energy and infrastructure industry. Having first introduced their Borlink technology brand in 2012, Borealis and Borouge now welcome Jicable '15 as an ideal opportunity to present the abilities and scope of the platform on a technical level.

Borealis and Borouge will also highlight their most recent Borlink innovation, launched last year, for high voltage direct current (HVDC). Borlink™ LS4258DCE, along with the accompanying HVDC semicon Borlink™ LE0550DC, enables the use of extruded cable technology at significantly higher voltage and transmission levels up to 525 kV, proven by a successful type test according to Cigre recommendation 496. The grade will help promote greater security of electricity supply around the world by supporting the further integration of renewable energies into the grid and establishing more interconnections among countries in major intraregional infrastructure projects.

“As leading global innovators in the wire and cable industry, we are pleased to attend Jicable '15 and continue to spread the word about our Borlink technology platform and what it can do for our customers,” says Anton Wolfsberger, Borealis Marketing Manager for Energy and Infrastructure.

## Cultivating global networks at Jicable '15

At Jicable '15, scientific papers presented by leading researchers and scientists from Borealis and its partners will offer insights into the technical and application aspects of different Borlink materials: key properties and long-term performance of next-generation crosslinked polyethylene (XLPE) insulation materials for HVDC cables, XLPE dielectric properties for HVDC cables in combined thermal and electrical ageing test, direct current (DC) conductivity of HVDC insulation materials at high electric fields, and more.

Borealis and Borouge managers and representatives from R&D, technical service and marketing departments will also be on hand to discuss industry trends and exchange know-how with their partners from around the world.

A special event for leading industry representatives will be organised by Borealis and Borouge in the course of the conference. Featured guest speaker is Dr. Mihai Paun, Network Development Advisor of the ENTSO-E (European Network of Transmission System Operators for Electricity), who will discuss the cable industry's contribution to the success of the ENTSO-E network development plan.

*Held every four years, the Jicable is an established international forum for the exchange of information about developments and trends in insulated power cables, from low voltage and special cables to ultra-high voltage cables and other new innovations. This year, the Jicable '15 agenda is devoted to cutting-edge technologies in cable systems, from LV to EHV to HVDC, but also submarine systems and state-of-the-art superconductive materials. The full conference schedule is available at <http://www.jicable.org>*

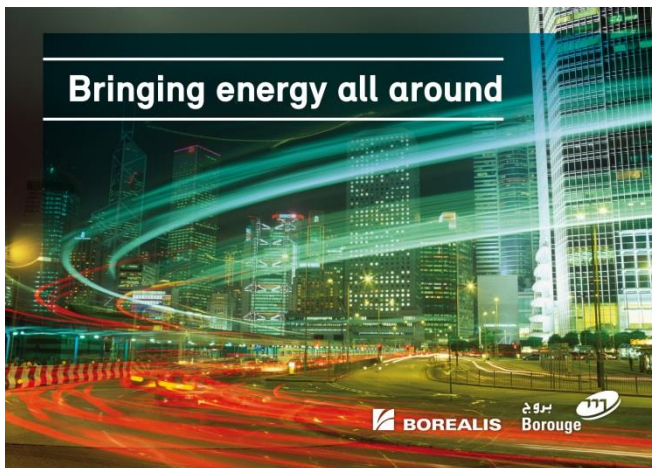


Photo: © Borealis.

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**About Energy and Infrastructure**

For nearly 50 years, Borealis has been a leading supplier of advanced energy & infrastructure plastics solutions for the pipe and fittings industry as well as for the wire and cable and capacitor film industries. Thanks to its unique and proprietary technologies, Borealis provides a large portfolio of innovative products and services which create real value for customers and partners and enable step-changing innovations. The unique Borstar® technology supports applications in the fields of water and gas distribution, wastewater and sewage disposal, irrigation systems, chemical and industrial pipelines, in-house plumbing and heating as well as pipe systems for oil and gas exploration and transportation. The unique Borlink™ technology enables Borealis to offer a wide range of sophisticated extra-high, high and medium voltage cable applications as well as semiconductors. Borealis delivers effective Visico™ solutions in low voltage energy transmission and distribution cables and offers world-class innovations in providing, installing and extending the lifetime of cable systems.

**About Borealis and Borouge**

Borealis is a leading provider of innovative solutions in the fields of polyolefins, base chemicals and fertilizers. With headquarters in Vienna, Austria, Borealis currently employs around 6,500 and operates in over 120 countries. It generated EUR 8.3 billion in sales revenue in 2014. The International Petroleum Investment Company (IPIC) of Abu Dhabi owns 64% of the company, with the remaining 36% owned by OMV, the leading energy group in the European growth belt. Borealis provides services and products to customers around the world in collaboration with Borouge, a joint venture with the Abu Dhabi National Oil Company (ADNOC).

Building on its proprietary Borstar® and Borlink™ technologies and 50 years of experience in polyolefins, Borealis and Borouge support key industries including infrastructure, automotive and advanced packaging.

The Borouge 3 plant expansion in Abu Dhabi will be fully operational in 2015. Borouge 3 will deliver an additional 2.5 million tonnes of capacity when fully ramped up, bringing the total Borouge capacity to 4.5 million tonnes. Borealis and Borouge will then have approximately 8 million tonnes of polyolefin capacity.

Borealis offers a wide range of base chemicals, including melamine, phenol, acetone, ethylene, propylene, butadiene and pygas, servicing a wide range of industries. Together with Borouge the two companies will produce approximately 6 million tonnes of Base Chemicals in 2015.

Borealis also creates real value for the agricultural industry with a large portfolio of fertilizers and technical nitrogen products. The company distributes approximately 5 million tonnes per year.

Borealis and Borouge aim to proactively benefit society by taking on real societal challenges and offering real solutions. Both companies are committed to the principles of Responsible Care®, an initiative to improve safety performance within the chemical industry, and contribute to solve the world's water and sanitation challenges through product innovation and their Water for the World™ programme.

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**For more information visit:**

[www.borealisgroup.com](http://www.borealisgroup.com)  
[www.borouge.com](http://www.borouge.com)  
[www.waterfortheworld.net](http://www.waterfortheworld.net)

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