Media Release Düsseldorf, Germany / Vienna, Austria | October 16, 2013

Borealis, Borouge and NOVA Chemicals invite you to Open Your Mind at K 2013

Stand 6A43 Hall 6
K 2013, October 16 – 23, 2013
Düsseldorf, Germany

At K 2013, Borealis, Borouge and NOVA Chemicals invite you to "Open Your Mind" and explore exciting possibilities for innovation and sustainability driven by their new approaches and cutting-edge plastics solutions (Stand 6A43 Hall 6).

These three polyolefin producers are among the world's leading providers of chemical and innovative plastics solutions, and are under the cross ownership of the International Petroleum Investment Company (IPIC), OMV and the Abu Dhabi National Oil Company (ADNOC), who are all strongly committed to their growth. Whilst operating as separate entities, Borealis, Borouge and NOVA Chemicals will come together at K 2013 to clearly demonstrate the value created for customers through continuous investments that expand the companies' capabilities and offerings.

Innovation is at the core of each of the companies, with the common goal of making a sustainable contribution and delivering a competitive edge to customers across a diverse range of markets. This common strategy will be reflected in their polypropylene (PP) and polyethylene (PE) products and technologies presented at this year's event for infrastructure, automotive and advanced rigid and flexible packaging applications.

Borealis

"Borealis' products make a substantial contribution to addressing global challenges around topics such as energy, climate protection, healthcare, communication, food and water, at the same time as advancing productivity improvement and product differentiation," says Mark Garrett,



Borealis Chief Executive. "By opening their mind to the new approaches and smart and simple value creation behind our innovations, our customers can stay ahead of the game and make a difference in the world."

At K 2013 Borealis highlights include lightweight solutions for the automotive sector to reduce vehicle weight and improve overall sustainability by lowering carbon emissions. Borealis will also feature product innovations in surface aesthetics that meet manufacturers' demands for defect-free surfaces and help them capitalise on the benefits of reduced production costs, lower environmental impact and optimised production cycle times. In addition, Borealis will showcase; a major technological breakthrough for advanced packaging applications focused on securing sustainable and long-term supply for the extrusion coating industry; a step-change innovation to promote reduction in sterilisation time for healthcare applications; and pipe materials offering higher chlorine resistance that enable the production of pipes that last at least three times longer than conventional polyethylene pipes.

Borouge

Borouge is committed to supplying innovative PP and PE based solutions that address the market demand for infrastructure, automotive components and advanced packaging. At K 2013, Borouge will highlight its differentiated solutions such as a new PP BorPure™ homopolymer for moulders and end-users in the food industry in the Middle East and Asia who are facing increasingly stringent processing and packaging end-user requirements.

"The K 2013 provides an ideal platform for us to demonstrate our innovative, value creating plastics solutions and technologies and reinforce our commitment to meet our customers' current and future needs," says Wim Roels, CEO of Borouge's Marketing & Sales Company. "Our ongoing investment in people and infrastructure reflects our exciting journey of growth, innovation and sustainability and confirms our commitment to our customers and the markets we serve."

In 2014, Borouge will start up three new PE plants and two new PP plants under the Borouge 3 expansion project, and expand its commercial,



logistics and supply chain networks to support its customers and the plastics value chain throughout the region.

NOVA Chemicals

At K 2013, NOVA Chemicals will place particular emphasis on its ability to provide customers with PE solutions that get to the heart of their challenges.

"Our products and services are inspired by listening to our customers and understanding their challenges," says Chris Bezaire, NOVA Chemicals Senior Vice President Polyethylene. "We have adopted a market-focused approach that enables us to offer an in-depth level of market knowledge which, supported by our PE technical capabilities, means we can work together to turn insights into innovation and opportunity."

Highlights across the "family"

All three companies have recent and ongoing investment and expansion projects supporting their innovation capabilities and both global and local support resources for customers, including:

- Inaugurated in June 2013, the Borealis Sirius Catalyst Plant in Linz, Austria, is a key factor in the growth strategy of the business of Borealis polyolefins. The construction of the catalyst plant represents an investment of EUR 100 million, which follows earlier investments of EUR 50 million in the expansion of the innovation headquarters in Linz, opened in 2009.
- In 2014 Borouge expands its Abu Dhabi-based plant's annual capacity of PE and PP from 2 million to 4.5 million tonnes/year (t/y) supported by a new Innovation Centre in Abu Dhabi that will collaborate with the European Innovation Centres of Borealis, as well as with local and international educational institutions to further develop new innovative market applications and solutions.
- Borouge is also increasing the production capacity of its
 Compounding Manufacturing Plant in Shanghai from 50,000 to
 90,000 t/y to support the sales of compounded plastics resins for
 the growing Chinese automotive market, and is expanding its



logistic network in China to include warehouses in Tianjin and Ningbo to complement its existing Shanghai and Guangzhou logistic hubs. At the same time, the company has opened a new representative office in Tokyo and plans to open four new offices in Bangkok, Delhi, Ho Chi Minh City and Jakarta by the beginning of 2014.

- To enhance its market leadership in PE quality and reliability of supply, NOVA Chemicals has begun construction of a new largescale gas phase linear low density PE line at its Joffre, Alberta manufacturing hub in Canada. The new line is expected to be operational from late 2015 and have a capacity of about 450 kilotonnes/year (kt/y).
- The Corunna, Ontario cracker revamp is expected to leverage NOVA Chemicals' access to new feedstock by converting the facility to utilize up to 100% natural gas liquids and be the first in the industry to consume ethane from the Marcellus Shale Basin to make PE by late 2013. Project completion is targeted for early 2014.

For more information visit Stand 6A43 in Hall 6 at K 2013.

END

For further information please contact:

Kerstin Meckler, Director Communications Tel. +43 (0)1 22 400 389 (Vienna, Austria) e-mail: kerstin.meckler@borealisgroup.com

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 6,200 and operates in over 120 countries. It generated EUR 7.5 billion in sales revenue in 2012. 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 the unique Borstar® and BorlinkTM technologies and 50 years of experience in polyolefins, Borealis and Borouge support key industries including infrastructure,



automotive and advanced packaging. The Borouge plant expansion in Abu Dhabi will be fully operational by mid-2014 with a total annual capacity of 4.5 million tonnes. After this Borealis and Borouge will have approximately 8 million tonnes of polyolefin capacity.

Borealis offers a wide range of base chemicals, including melamine, phenol, acetone, ethylene and propylene servicing a wide range of industries. Together with Borouge the two companies will produce approximately 6 million tonnes of Base Chemicals in 2014.

Borealis also creates real value for the agricultural industry with a large portfolio of fertilizers. The company distributes approximately 2.1 million tonnes per year. This volume will increase to around 5 million tonnes by the end of 2014.

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 WorldTM programme.

For more information visit:

www.borealisgroup.com www.borouge.com www.k2013-openyourmind.com www.waterfortheworld.net

Borstar is a registered trademark of the Borealis Group. BorPure, Borlink and Water for the World are trademarks of the Borealis Group.

