The 6 world challenges

The Borealis Student Innovation Award aims to take steps in tackling 6 of the world's major challenges including; climate, water, energy, communication, health and food.

Climate change – to limit CO_2 emissions and keep global warming under control.

Access to water and sanitation – more than 1 billion people have no access to fresh water, and due to climate change, up to 3 billion people may live in water scarce regions within the next 20 years.

Energy access – boosted by diversification of supply, development of renewable resources and security/ interconnection requirements for existing networks.

Communication – to extend, secure and strengthen communication networks that are critical to our modern economy and quality of life.

Healthcare – provide access and an acceptable level of healthcare for a growing and aging global population.

Food – to protect and deliver safe food from "farm to fork" across regions.

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For more information please contact

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The Borealis Student Innovation Award 2011

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The Borealis Student Innovation Award

The Borealis Student Innovation Award recognises the two most innovative research papers (one for a master's degree graduate and one for a doctorate degree graduate) on polyolefins, olefins or melamine to engage young people in Borealis´ mission to be the leading provider of innovative solutions that create value for society.

The master thesis or PhD thesis shall focus on one of the following research areas:

- Polyolefin catalysts
- Olefin and polyolefin processes
- Polyolefin polymer properties
- Polyolefin applications
- Enhanced olefin analysis and polyolefin characterization methods
- Sustainability in or with polyolefins
- Discoveries in polyolefin world having practical relevance for society

What can I win?

The Borealis Student Innovation Award consists of a certificate, the Award and a monetary sum of **EUR 5,000** for the doctorate degree graduate winner and **EUR 3,000** for the master's degree graduate winner.

How are the two awardees selected?
A jury will assess the incoming abstracts. The awardees will be asked to present their theses during the Borealis Innovation Day event, which will take place in January 2012.

Who is in the jury?
The jury is composed of independent academics and Borealis representatives.

Who can participate?
Graduates in the area of chemistry, polymers or applications with a particular focus on polyolefins, olefins or melamine. Your master's or doctoral thesis should not be more than two years old and must be finalised by the end of October 2011.

How do I apply?

Your application must be **in English** and consist of three parts:

1. A maximum two-page abstract on your thesis
2. A short assessment of your thesis from your advisor/professor
3. Your curriculum vitae (CV) – maximum two pages

Please send your Borealis Student Innovation Award application **no later than November 26, 2011** by uploading it at **www.borealisgroup.com/studentinnovationaward**

Automotive-Smart fortwo
The car body was manufactured for the first time completely out of Borealis plastic bringing savings in energy consumptions and CO_2 emissions.

Advanced Packaging
High-value infusion bags made out of plastic are sterilisable, sanitary and recyclable.

Plant Nutrients
Borealis' support of the N-tester programme helps farmers to optimise the use of fertilizers in order to secure high yields with little run-off.

Infrastructure - Cables
The reliable transmission of energy and data around the word through high-tech cables are made possible thanks to plastic insulation.

Infrastructure - Pipes
Modern plastic pipes are safe and durable. They are easily transferred and installed saving time and money.