

## Press information

### **Kyocera solar panels provide power for forward-looking pilot project at vocational college in Detmold**

**The German Federal Ministry of Economics and Technology's (BMWi) research project "Energy-Optimised Construction (ENOB)" gains recognition across Europe and opts for the Japanese technology group's long-lasting quality**

**August 7, 2014 – Kyoto/Neuss** – The modernization of the vocational college in Detmold, with a total investment of 7.8 million euros, is currently one of the largest and most important pilot projects for refurbishing school buildings. Equipping the roofs with 2,658 Kyocera solar modules with an output of 380 kWp not only means that the college will save 148 tons of CO<sub>2</sub> annually, but will also generate more energy than it consumes, making the school an energy-plus building.

There are currently only four buildings of this kind throughout the whole of Germany. The vocational college in Detmold, however, sets itself apart from the other buildings on account of the fact that the aim of refurbishment is to improve energy efficiency by a factor of four: In the course of the project, which is scheduled for completion by the end of 2014, the buildings will be transformed into energy-efficient passive constructions; the environmental quality of the materials used ensures that the amount of so-called "gray energy" is significantly reduced while the primary energy factor for district heating is zero.

The energy savings potential of the renovation concept has also caused a stir within the trade throughout Europe: the project is aiming for a 93 percent reduction in heating energy consumption and 50 percent of electricity consumption for the 3,800 students.

#### **Kontakt:**

Kyocera Fineceramics GmbH  
Daniela Faust  
Leiterin Unternehmenskommunikation  
Hammfelddamm 6  
41460 Neuss  
Tel.: 02131/16 37 - 188  
Fax: 02131/16 37 - 150  
Mobil: 0175/7275706  
[daniela.faust@kyocera.de](mailto:daniela.faust@kyocera.de)  
[www.kyocera.de](http://www.kyocera.de)

Grayling Düsseldorf  
Jan Leder, Anne Beringer  
Rather Str. 49d  
40476 Düsseldorf  
Tel.: 0211/96 485 - 41/ - 48  
Fax: 0211/96 485 - 45  
[jan.leder@grayling.com](mailto:jan.leder@grayling.com)  
[anne.beringer@grayling.com](mailto:anne.beringer@grayling.com)

## Press information

The target for reducing total energy consumption for heating, water and lighting is 70 percent. Overall, this equates to a reduction in consumption of 1.75 million kWh to 0.51 million kWh. Moreover, the surplus power that will be fed into the grid is expected to yield 250,000 euros after about 21 years of operation.

“The renovation of the vocational college in Detmold is one of the largest roof-integrated projects in Germany. The technical challenges associated with the project are extremely difficult. But thanks to the many years of experience with Kyocera’s high-quality solar modules, we were able to successfully complete this task,” explained Thomas Stork, managing director of Energetik Solartechnologie-Vertriebs GmbH, which is responsible for developing and installing the solar system.

“Kyocera solar modules have already been proven to be particularly powerful, durable and reliable in numerous tests. This is why the pilot project at the vocational college in Detmold was the ideal opportunity for us to make a lasting contribution to making educational institutions energy-efficient,” stated Shigeru Koyama, European Head of Kyocera Fineceramics GmbH.

The BMWi has invested a total 1.74 million euros to promote energy modernization as a research project within its “Energy-Optimised Construction (EnOB)” program. Ostwestfalen-Lippe University is providing the scientific backing for the project. The renovation concept was just recently awarded the BMWi prize “School 2030 – Learning with energy” in the category overall renovation concept as part of this year’s Berlin Energy Days.

### Kontakt:

Kyocera Fineceramics GmbH  
Daniela Faust  
Leiterin Unternehmenskommunikation  
Hammfelddamm 6  
41460 Neuss  
Tel.: 02131/16 37 - 188  
Fax: 02131/16 37 - 150  
Mobil: 0175/7275706  
[daniela.faust@kyocera.de](mailto:daniela.faust@kyocera.de)  
[www.kyocera.de](http://www.kyocera.de)

Grayling Düsseldorf  
Jan Leder, Anne Beringer  
Rather Str. 49d  
40476 Düsseldorf  
Tel.: 0211/96 485 - 41/ - 48  
Fax: 0211/96 485 - 45  
[jan.leder@grayling.com](mailto:jan.leder@grayling.com)  
[anne.beringer@grayling.com](mailto:anne.beringer@grayling.com)

## Press information

### For more information about Kyocera:

[www.kyocerasolar.eu](http://www.kyocerasolar.eu)

#### About Kyocera

Headquartered in Kyoto, Japan, Kyocera Corporation is one of the world's leading manufacturers of fine ceramic components for the technology industry. The strategically important divisions in the Kyocera Group, which is comprised of 230 subsidiaries (as of April 1, 2014), are information and communications technologies, products which increase quality of life, and environmentally friendly products. The technology group is also one of the largest producers of solar energy systems worldwide, with more than 5 gigawatts of solar power having been installed around the world to date.

The company is ranked #531 on *Forbes* magazine's 2014 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of about 70,000 employees, Kyocera posted net sales of approximately €10.19 billion in fiscal year 2013/2014. The products marketed by the company in Europe include laser printers, digital copying systems, microelectronic components, finoceramic products and complete solar power systems. The Kyocera Group has two independent companies in the Federal Republic of Germany: Kyocera Finoceramics GmbH in Neuss and Esslingen and Kyocera Document Solutions in Meerbusch.

The company also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation — established by Kyocera founder Dr. Kazuo Inamori — to individuals and groups worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (converted at present €362,000 per prize category).

#### Kontakt:

Kyocera Finoceramics GmbH  
Daniela Faust  
Leiterin Unternehmenskommunikation  
Hammfelddamm 6  
41460 Neuss  
Tel.: 02131/16 37 - 188  
Fax: 02131/16 37 - 150  
Mobil: 0175/7275706  
[daniela.faust@kyocera.de](mailto:daniela.faust@kyocera.de)  
[www.kyocera.de](http://www.kyocera.de)

Grayling Düsseldorf  
Jan Leder, Anne Beringer  
Rather Str. 49d  
40476 Düsseldorf  
Tel.: 0211/96 485 - 41/ - 48  
Fax: 0211/96 485 - 45  
[jan.leder@grayling.com](mailto:jan.leder@grayling.com)  
[anne.beringer@grayling.com](mailto:anne.beringer@grayling.com)