

# Dyckerhoff Prize

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## **Klaus-Dyckerhoff-Prize for Building Materials Research awarded for the third time**

### **Honouring Dipl.-Ing. Karl von Wedel for his life's work**

In the context of the VDZ Congress „Technisch-Wissenschaftliche Zementtagung“ 2011 in Duesseldorf, Germany, Dipl.-Ing. Karl von Wedel was awarded the Klaus-Dyckerhoff-Prize for his outstanding improvements in the field of cement production technology. Von Wedel, who was the founder of the company “Ingenieurbüro Kühlerbau Neustadt“ (“IKN”), was honoured for his life's work. Within the scope of the laudation the innovation power of von Wedel's contributions in the field of the development of clinker coolers in the cement industry world-wide, was emphasized. According to the laudation Karl von Wedel's improvements have significantly contributed to increase the energy efficiency of the clinker production process, and hence, perfectly linking environmental performance with economical benefits.

Von Wedel was graduate of the former „Bergakademie Clausthal“ (Mining University of Clausthal), today's TU Clausthal, and firstly occupied in the German lime industry. Afterwards he was head of research and development at “Claudius Peters”, which is a specialized engineering and machinery supplier for grinding, clinker cooling, storage and pneumatic conveying facilities, preferably for cement plants worldwide. In the late 70ies he went into business for himself and founded in 1982 the company “IKN” in Neustadt am Ruebenberge. Within short, he was very successful in the market of clinker coolers, which was based on his own inventions for firstly a static cooler inlet distribution system (KIDS), and secondly for a new sophisticated foundry technology, leading to a much better air distribution over the grate area. Further path-breaking developments referred to the pendulum suspension of the movable grates, the heat shield at the middle of the cooler, or for example the dust-free chamber aeration design. As a consequence, “IKN” became a full supplier for clinker coolers. Since many years “IKN” is in the top league for cooler modernizations in cement plants.

### **Dyckerhoff Foundation**

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The prize is endowed with € 30,000 and has been awarded since 2007 by the Drs Edith und Klaus Dyckerhoff Foundation in the „Stifterverband für die Deutsche Wissenschaft“, every two years, in order to appreciate outstanding contributions to research or professional achievements in the invention and/or development of application or manufacturing processes in the field of hydraulic binding agents. In this year, the prize was awarded for the third time. The foundation, established by Dr Klaus Dyckerhoff and his wife Dr Edith Dyckerhoff in the year of 1994, promotes young scientists and rewards extraordinary achievements in the field of cement-based building sciences and technologies.

(For further information please follow [www.klaus-dyckerhoff-preis.de](http://www.klaus-dyckerhoff-preis.de))