

National Institute of Clean and Low-Carbon Energy

<http://www.nicenergy.com/en/>

The National Institute of Clean and Low-Carbon Energy (NICE) was established in December 2009 as an R&D institute affiliated with Shenhua Group, China's leading state-owned mining and energy company. NICE is focused on the strategic goal of making Shenhua Group an international renowned clean energy supplier and solution provider.

NICE is dedicated to the development of low carbon and clean energy technologies and has been working on innovative technologies to support the core business of Shenhua. Since its inception, NICE has been gathering a well-structured talent pool of experts in various research fields, including more than 300 staff with Ph.D.'s and master's degree.

NICE has carried out R&D and innovation in the fields of green coal, function materials and new energy and environmental projects.

NICE includes among its many partners the Pacific Northwest National Laboratory, Jacobs Consultancy, GE and the University of Pittsburgh, as well as many China-based universities and chemical and technology institutes.

R&D focus areas include:

- Clean Coal Conversion & Utilization
- Coal-derived Performance Materials
- Hydrogen Energy & Utilization
- Water Treatment
- Distributed Energy
- Catalysis

NICE President & CEO, Wei Chang notes that NICE is committed to technology innovation and talent development.

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