

National Institute of Clean-And-Low-Carbon Energy

(北京低碳清洁能源研究所)

National Institute of Clean-And-Low-Carbon Energy (NICE) established in December of 2009, is a national research institute focused on energy which is funded by the Shenhua Group, an integrated energy conglomerate with businesses including coal mining, power, railway, ports, coal to liquids, and coal to chemicals.

Mission and Focus of NICE

NICE's mission is to develop and deploy cutting-edge sustainable and affordable technology with no adverse impact on climate change and the environment.

NICE will focus on

- Research, development, and commercialization of clean & low carbon energy technologies,
- Development of new energy strategies and technology roadmaps.
- Establishment of a platform to attract international talent and innovators to work in this very challenging area.

Vision of NICE

NICE will become a leading world-class institute in the field of clean & low-carbon energy technology within 10 years:

Research at NICE

NICE will focus on developing technologies in the following areas:

- Novel Routes for conversion and upgrading of Coal and Biomass
- Novel materials and systems for clean and low carbon energy applications
- State of the art coal power plant design, process optimization and emission control
- CCS and CO₂ Utilization including Enhanced Oil Recovery (EOR)
- Renewable Energy and Chemicals
- Energy Storage
- Coal and Biomass to Natural Gas
- Syngas to Fuels and Chemicals
- Support Shenhua's Direct Coal to Liquids Projects

We are now recruiting worldwide. If you are interested in a rewarding career and challenging opportunity please visit our website

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

For qualified candidates, we provide internationally competitive packages.



NATIONAL INSTITUTE OF CLEAN
AND-LOW-CARBON ENERGY



Li Yuanchao (Left)

Member of the CCCPC Political Bureau
Secretary of Central Secretariat of Publicity
Minister of The Organizing Department of CCCPC

Zhang Xiwu (Middle)

Chairman of Shenhua Group

Carlos A. Cabrera (Right)
(2009.07.17)

CEO/President of NICE



Meeting of NICE Advisory Committee (2010.05.04)

