**LCS-RNet and the Research Activities of NIER**

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**International Research Network for Low Carbon Societies (LCS-RNet)**  
The International Research Network for Low Carbon Society (LCS-RNet) was founded in March 2009, in response to the strong support of participants at the G8 Environment Ministers Meeting (EMM) in Kobe, in 2008. The Goal of LCS-RNet is to act as an international platform firstly so that researchers and data can be provided to policy-makers, the public and other actors for science-based policy-making. This said, LCS-RNet is a non-binding network, whose activities and outcomes are independent from official views of any government and, while policy relevant, is not policy prescriptive.

Research elements of focus in LCS-RNet during the next five years are as follows;  
1. Scenario and modelling approaches for LCS,  
2. Interdisciplinary perspectives on the transition to LCS,  
3. Integration of environmental, energy, economic and social systems, and  
4. Dissemination of knowledge and raising awareness outside the scientific community.

**Low Carbon Green Growth Policy in Korea and the Research Activities of NIER**  
Low carbon green growth is the new national paradigm of Korea to achieve both sustainable economic growth and greenhouse gas emissions (GHGs) reduction.

Core elements of Green Growth consist of: 1) Minimizing energy use per GDP while maintaining robust growth; 2) minimizing pollution (GHGs, etc.) per energy use; 3) developing green technology and environment-friendly industry as new growth; and 4) expanding education on sustainable green growth, green lifestyle and culture.

Such green growth is needed for Korea, since international communities are competing in a heated Green Race to take over green market earlier, while Korea is required to address the environmental resource crisis and create a new growth engine.

To support this new national paradigm, NIER conduct various research activities including developing national scenarios for LCS. NIER will closely cooperate with LCS-Net to contribute to national and international policy-making processes on climate change by communicating research outcomes and recommendations.