About LCS-RNet
International Research Network for Low Carbon Societies

LCS-RNet Secretariat
Institute for Global Environmental Strategies
What is LCS-RNet?

- Stands for “International Research Network for Low-Carbon Societies”.
- Researchers’ network which dedicates to governmental policy making processes to promote Low Carbon Societies.
- Established in 2009 on the initiative of the G8 Environment Ministers’ Meeting.
- Composed of 7 countries and 16 research institutes.

- Secretariat: Institute for Global Environmental Strategies (IGES)
- Annual Meeting:
  2009 in Bologna, October 2009 hosted by Italy
  2010 in Berlin, September 2010 hosted by Germany
  2011 in Paris, October 2011 hosted by France
LCS-RNet promotes;

• knowledge exchange and research cooperation amongst researchers/research institutes,

• Sharing updated scientific knowledge and information on the various policy tools required to realise low-carbon societies,

• international dialogues among researchers, policy-makers and other stakeholders from different countries, in order to promote science and policy linkage, and,

• scientific inputs and recommendations in international climate change policy-making fora including G8, G20 and the UNFCCC COP’s.
LCS-RNet (International Research Network for Low Carbon Societies)

- Supported its foundation by G8 Environment Ministers Meeting.
- Research network to foster research to realize low-carbon societies.
- 7 countries and 15 major research institutes (currently)

**Input to Policy**
(G8/G20 UNFCCC IPCC)

- **Co-chairs + Secretariat**: IGES

**Countries and Institutes**

- **UK**
  - UK Energy Research Centre
  - Department of Energy and Climate Change

- **France**
  - CIRED
  - ADEME
  - IDDRI

- **Germany**
  - Wuppertal Institute for Climate, Environment and Energy

- **Italy**
  - ENEA
  - FEEM
  - CMCC

- **Korea**
  - National Institute of Environmental Research

- **Japan**
  - National Institute for Environmental Studies

- **India**
  - Indian Institute of Management, Ahmedabad, etc.

- **Others**
  - Ministry of Ecology, Energy, Sustainable Development and the Sea
  - Federal Environment Agency
  - Ministry of Environment & Forests
  - Ministry for the Environment, Land and Sea
  - Ministry of Environment
  - Ministry of the Environment
  - Energy Research Centre
  - Academy of Technologies
  - CIRED
  - ADEME
  - IDDRI
At present

Reacting to the paradigm-shift from G8 to G20

1. Management of the Network

2. Scientific Policy Recommendations

3. Development of LCS Researches

4. Capacity Building of Developing Countries

5. Public Relations

Development of LCS researches and finding, analyzing and proposing important policy relevant issues

Fostering LCS researches to achieve LCS on time

Foundation

LCS-RNet Annual Meetings

1st in Bologna (12-13 October)
- Synthesis Report

2nd in Berlin (20-21 September)
- Synthesis Report
- Country Report
- Berlin Memorandum

3rd in Paris (13-14 October)
- Synthesis Report

1. Management of the Network

2. Scientific Policy Recommendations

3. Development of LCS Researches

4. Capacity Building of Developing Countries

5. Public Relations
## LCS-RNet and Japanese Capacity Building Activities in Asian Climate Change Policy & LCS-RNet (G8) Meetings

### LCS-RNet (G8) Meetings

<table>
<thead>
<tr>
<th>Year</th>
<th>Event Description</th>
<th>Location</th>
<th>Participants</th>
<th>Organizers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009/April</td>
<td>Kick-off meeting: G8 Forum High Level for Low Carbon Technology and Development</td>
<td>Trieste, Italy</td>
<td>80 participants; G8 Environment technology Forum</td>
<td>Ministry for the Environment, Land and Sea, Italy</td>
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<tr>
<td>2009/Oct.</td>
<td>LCS-RNet(G8) 1st Annual meeting</td>
<td>Bologna, Italy</td>
<td>88 participants; Policy makers and Researchers form G8 and Asian countries</td>
<td>ENEA, CMCC, Min. of Environment, Land and LCS-RNet</td>
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<tr>
<td>2010/Sept.</td>
<td>LCS-RNet(G8) 2nd Annual meeting</td>
<td>Berlin, Germany</td>
<td>85 participants; Policy makers and Researchers form G8 and Asian countries</td>
<td>UBA/BMU, Germany WI LCS-RNet</td>
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<tr>
<td>2011/Sept</td>
<td>LCS-RNet(G8) 3rd Annual meeting</td>
<td>Paris, France</td>
<td>100-150 participants (expected); Researchers, policy makers, international organization, WB, JICA</td>
<td>CIRED MEEDDAT, France LCS-RNet</td>
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### Participants and Organizers

- ENEA, CMCC, Min. of Environment, Land and LCS-RNet
- UBA/BMU, Germany WI LCS-RNet
- CIRED MEEDDAT, France LCS-RNet
- EDA, SciencesPo.
- CMCC
- ADME
- NIES JAPAN
- ADEME
- NIES JAPAN
- IDEES
- Akita University
- Wuppertal Institute
- Académie des Technologies
- Indian Institute of Management Ahmedabad
- Université de Strasbourg
- Foundation Eni Enrico Mattei
- EDF
- INSERM
- Prysmian Group
LCS-RNet 1st Annual Meeting - 2009

Date: 12-13 October 2009  
Venue: Trieste, Italy  
Participants: 88 participants  

Key Findings in the meeting:

1. Long term and mid term targets and scenarios
   Developed Countries: Reduction in supply and demand sides
   Developing Countries: leapfrogging and Back-casting approach

2. Economy
   • Competitive & knowledge driven Green Growth
   • Finance

3. Technology
   • Technological change needed
   • Synchronised climate change policy & R&D needed
   • Technology can not be a solution by itseld

4. Society
   • Lifestyle change led by policies

5. Cross cutting issues

Output: Synthesis Report (Input to G20 in France, COP15 side-event, G8 EMM...
**LCS-RNet 2nd Annual Meeting - 2010**

**Date:** 20-21 September 2010

**Venue:** Berlin, Germany

**Participants:** 85 participants

**Key Findings in the meeting:**

**“Transition” to LCS**

Developed/large emitting C: Policy implementation stage ⇒ **facing with barriers**

Developing C.: Sustainable Green Growth as national strategies

<table>
<thead>
<tr>
<th>Economy</th>
<th>Technology</th>
<th>Society</th>
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**Inter-Linkage in real world**

**Barriers – need to be removed**

<table>
<thead>
<tr>
<th>Green growth</th>
<th>Multi-level governance</th>
<th>Actors</th>
<th>Science in transition</th>
</tr>
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<tbody>
<tr>
<td>• Public&amp;private investment</td>
<td>• Innovative national, local level of governance</td>
<td>• Consumption &amp; production (tech is not enough)</td>
<td>• Role of science as;</td>
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<tr>
<td>• Trade-off between short-term loss and long-term benefit in investment</td>
<td>• Experiment in cities linking with multi-level</td>
<td>• Non-administrative actors</td>
<td>• Translator of complicated interlinkages</td>
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<td></td>
<td></td>
<td>• Businesses, NGOs, Individuals</td>
<td>• Change maker by mobilising PMs</td>
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</table>

**Output:** Synthesis Report (Input to **G20 in France, COP16 side-event, G8 EMM...**)
LCS-RNet 3rd Annual Meeting

**Date:** 13-14 October 2011  
**Venue:** Paris, France  
**Participants:** 68 (from 13 countries, 6 Int’l organizations)

**Key Findings:**

| 1. Nature of the desirable paradigm shift | 2. The risks of lock-in |
| 5. Energy policies and beyond | 6. Innovation and beyond |
| 7. “Green growth” and sustainable development | 8. Tailoring low-carbon policy packages for sectors and countries (incl. the role of cities in carbon mitigation) |
| 9. The need for international arrangements | 10. Upgrading climate finance in the context of the financial crisis |

**Output:** Synthesis Report (Input to G20 in France, COP17 side-event, G8 EMM...)

**International Research Network for Low Carbon Societies**
**LCS-RNet Secretariat**
http://lcs-rnet.org/index.html

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