

# *Introduction of LCS-RNet*

LCS-RNet Side-event at COP18 in the EU pavilion -  
Achieving Low-Carbon Societies – Common Challenges  
27 November 2012

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for Low Carbon Societies (LCS-Rnet)/

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Institute for Global Environmental Strategies (IGES)

# International Research Network for Low-Carbon Societies

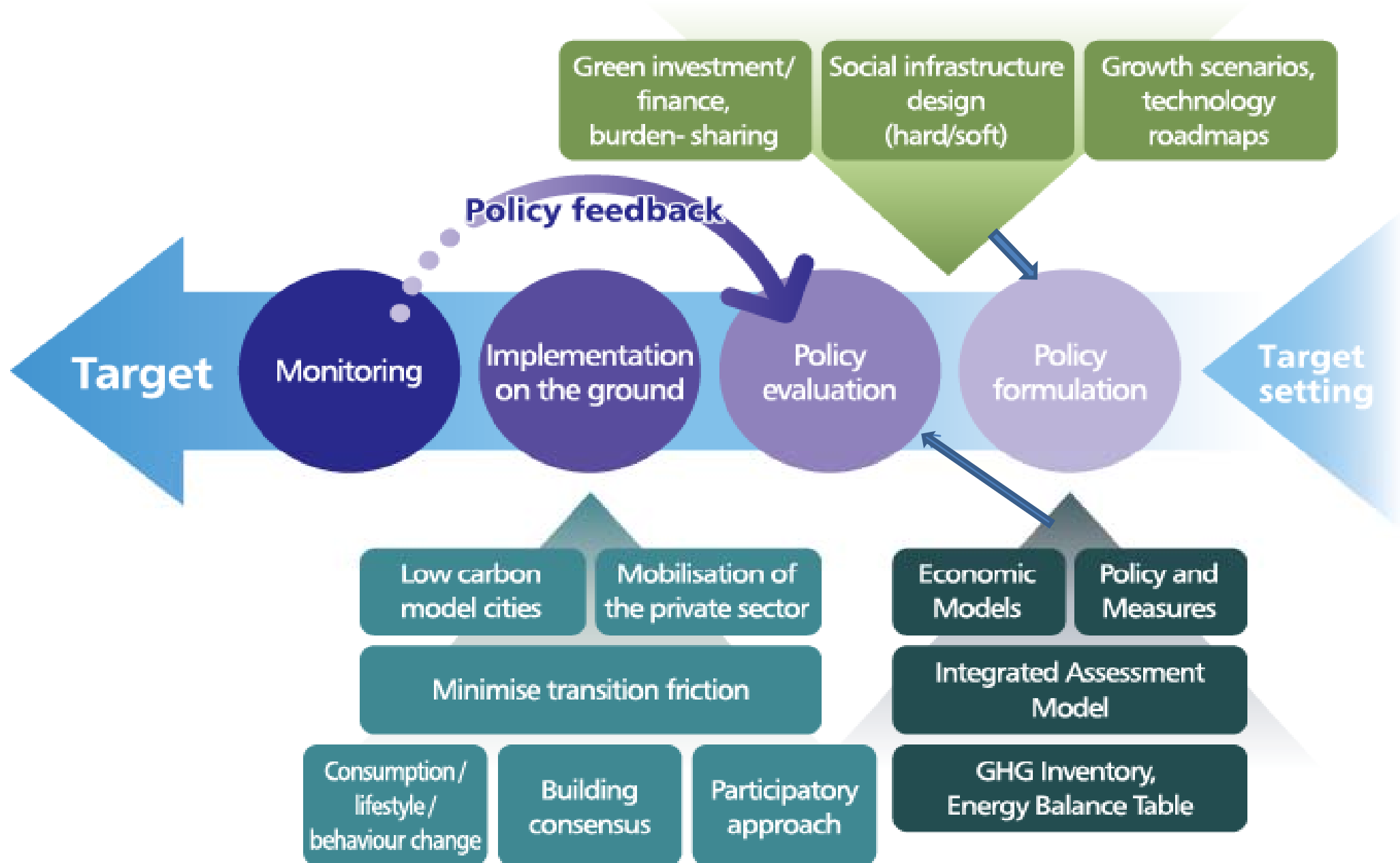
- Researchers network directly contributing national policy making process to promote Low Carbon Societies
- Established in 2009 on the initiative of the G8 Environment Ministers' Meeting.
- Composed of 7 countries and 16 research institutes
- Secretariat: Institute for Global Environmental Strategies (IGES)

## 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
- Scientific inputs and recommendations in international climate change policy-making fora including G8, G20, ASEAN and the UNFCCC COP's.
- Research on a low carbon society has been accelerated through the annual meetings
- In parallel, **LoCARNet** (Low Carbon Asia Research Network) started in 2012, collaborating with other knowledge-sharing worldwide networks

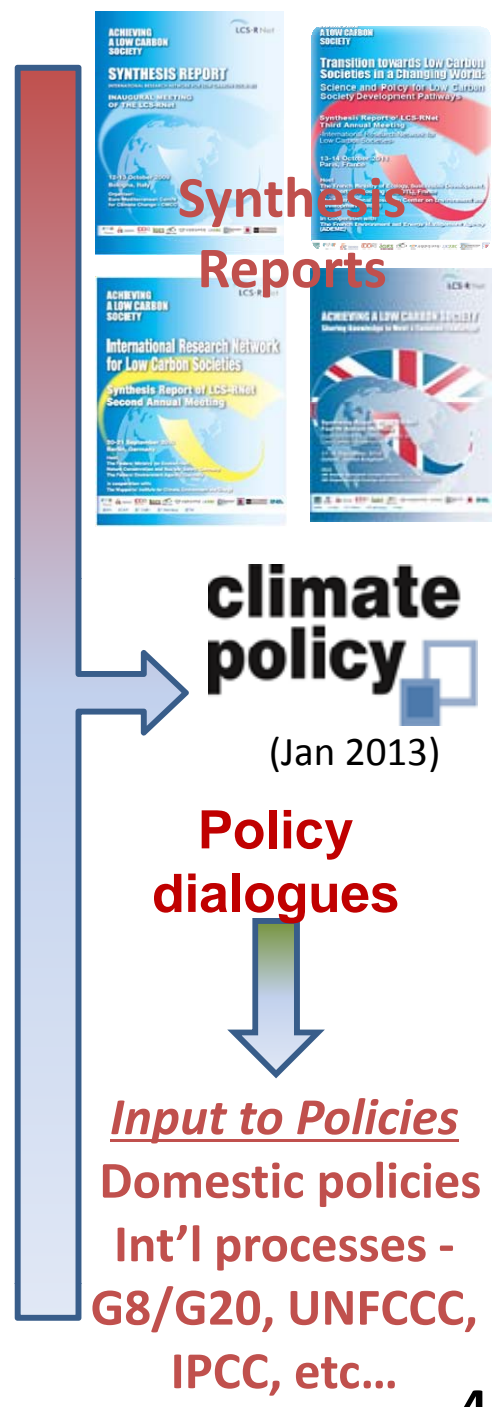
# Knowledge to Action: Formulation of low-carbon growth policies

- Step-by-step process from data collection, knowledge sharing, identification of tools and methods, to implementation and review-



# What LCS-RNet has done: Highlights of Past Annual Meetings

Annual Meetings	Highlights
<b>1<sup>st</sup> Annual Meeting</b> 2009/Oct. Bologna, Italy. 55 participants	<b>Scoping of research needs:</b> mid- and long-term targets, LCS scenarios, economic and technology policies, green growth, individual lifestyle changes, cities as key player.
<b>2<sup>nd</sup> Annual Meeting</b> 2010/Sept. Berlin, Germany 85 participants	<b>Role of science to trigger to “Transition”:</b> Importance of linkages between the research community and governments as well as links with a wider range of stakeholders.
<b>3<sup>rd</sup> Annual Meeting</b> 2011/Oct. Paris, France 68 participants	<b>“Paradigm shift” after Cancun and beyond:</b> Needs for green growth as a leverage in a changing world - Financial crisis, the Arab spring, climate policy demands by the 2010 Cancun agreement.
<b>4<sup>th</sup> Annual Meeting</b> 2012/Sept. Oxford, UK 71 participants	<b>Changes in energy system after Fukushima:</b> Common struggle but different solutions in energy saving, renewable energy, reforming power system,,,,.
<b>5<sup>th</sup> Annual Meeting</b> 2012/July 24-26 Yokohama, Japan	<b>??</b> Ex. How north and south can share knowledge towards realisation of low carbon world?



# Today's Programme

## Part I: Report of the LCS-RNet 4<sup>th</sup> Annual Meeting

Chair: Sergio La Motta, National Agency for New Technologies Energy and the Environment (ENEA), Italy

15:40-15:45 (5 mins.)	Introduction of LCS-RNet <u>Shuzo Nishioka</u> , LCS-RNet / Institute for Global Environmental Strategies (IGES), Japan
15:45-16:05 (20 mins.)	Key findings of the Oxford meeting <u>Mikiko Kainuma</u> , National Institute for Environmental Studies (NIES), Japan
16:05-16:20 (15 mins.)	A novel model of GHGs emission fiscal policy: Pros and cons <u>Sergio La Motta</u> , ENEA, Italy
16:20-16:30 (10 mins.)	On decarbonising the global economy <u>Annela Anger</u> , Tyndall Centre on Climate Change Research, UK

# Today's programme (cont'd)

## Part II: Panel discussion - Role and way forwards of knowledge-sharing networks

Chair: P. R. Shukla, Indian Institute of Management, Ahmedabad, India

16:30-16:40  
(10 mins.)

Requests from policymakers to research community  
David Warrilow, DECC, UK

16:40-17:25  
(45 mins.)

Panel discussion - Role and way forward of knowledge-sharing networks

Paul Watkinson, Ministry of Ecology, Sustainable Development, Transport and Housing, France

Hiroshi Tsujihara, Ministry of the Environment, Japan

Jiang Kejun, Energy Research Institute, China

Delia Villagrana, European Climate Foundation

17:25-17:30  
(5 mins.)

Wrap-up (by Chair)

17:30

Closing



For further inquiries, please contact:

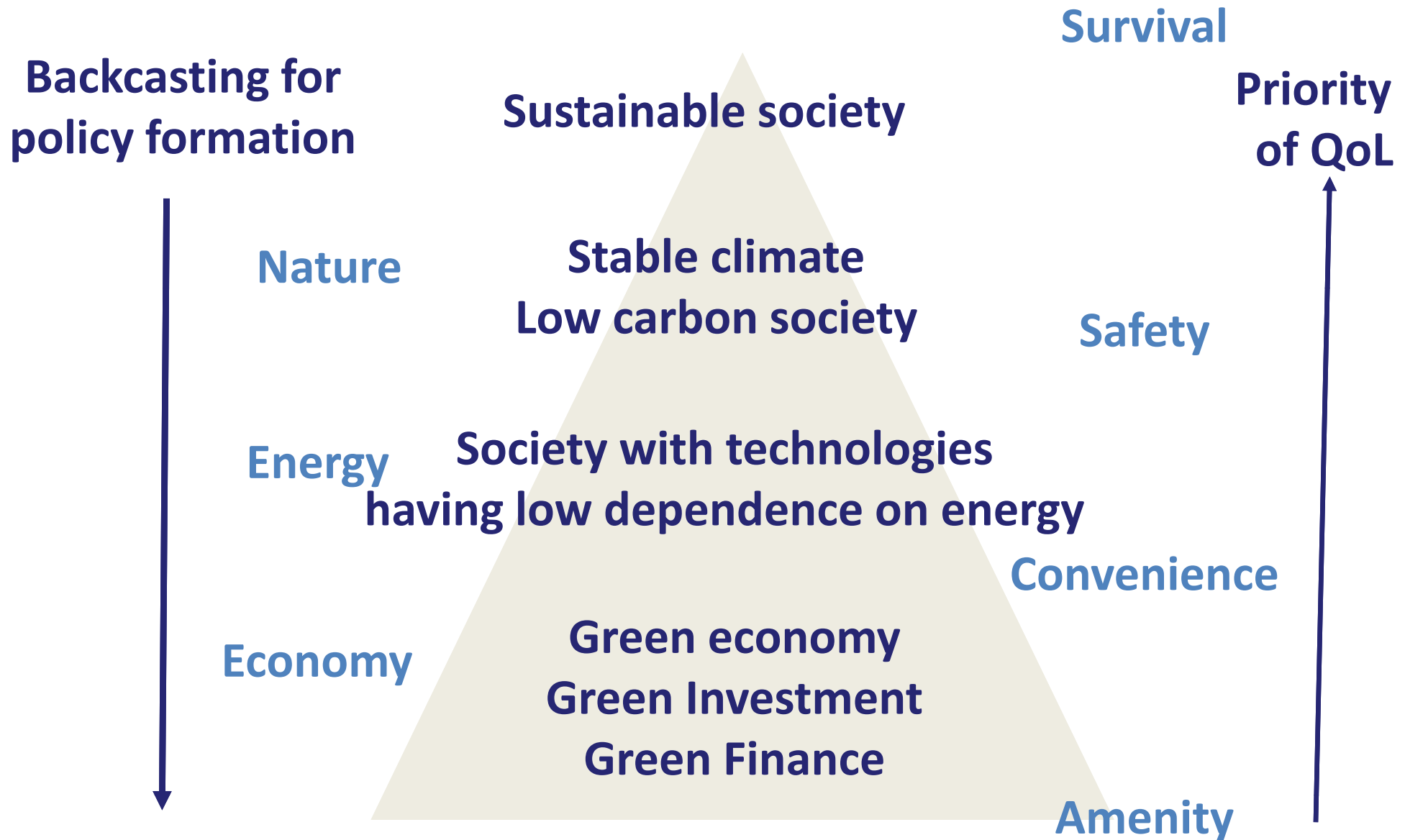
LCS-RNet/LoCARNet Secretariat, c/o Institute for Global Environmental Strategies (IGES)

2108-11 Kamiyamaguchi, Hayama, Kanagawa 240-0115, Japan

<http://lcs-rnet.org/index.html> E-mail: [lcs-rnet@iges.or.jp](mailto:lcs-rnet@iges.or.jp)

# Prioritise policy targets

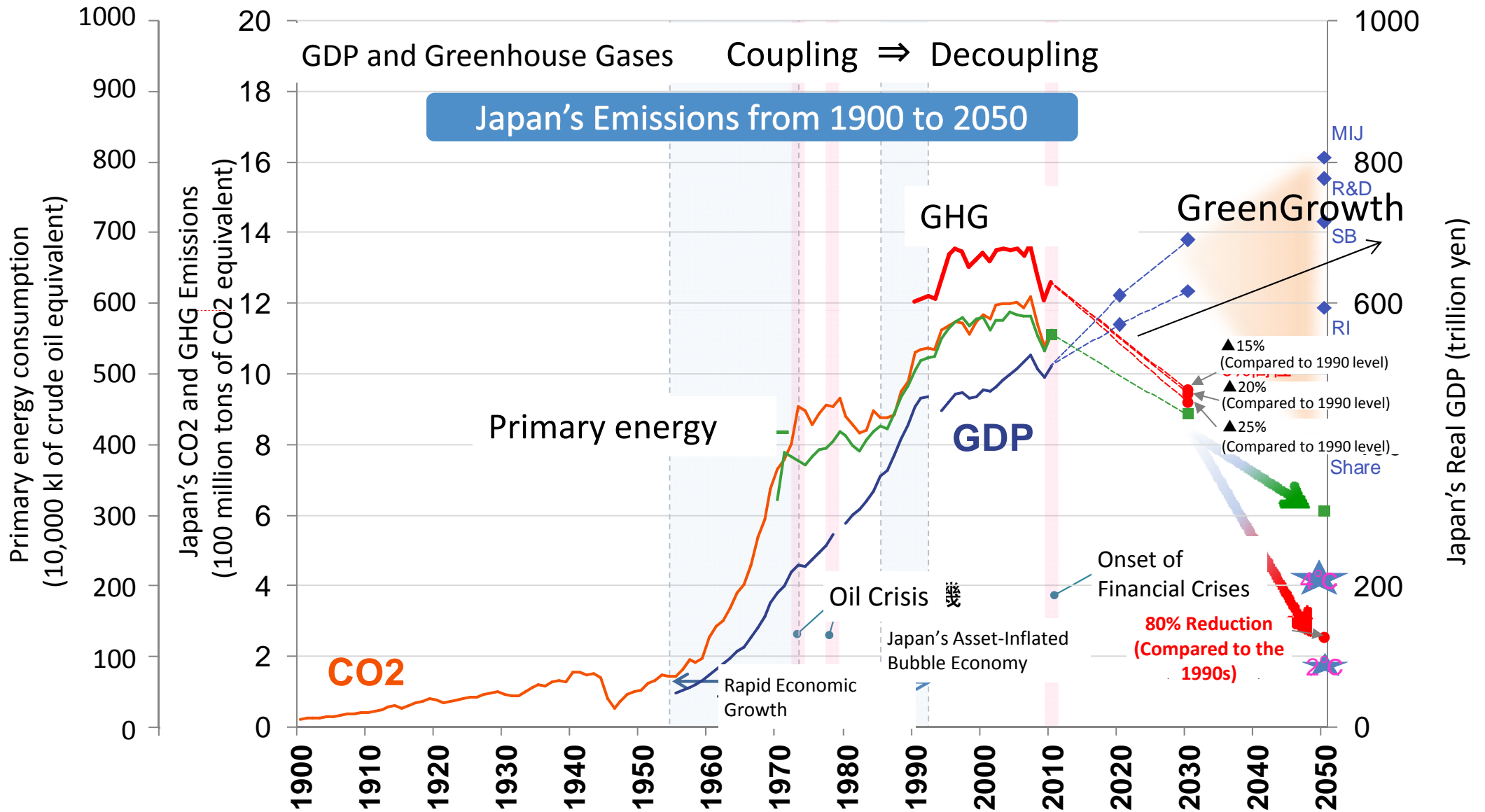
Stable climate > Society > Economy





# Challenge towards Low Carbon Japan

80% GHG reduction by 2050



2) Future GDP values are assumed values based on scenarios A and B from the NIES Low Carbon Society Research Project 2050

# 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.
- Annual Meetings:
  - Bologna (2009): Scoping of an LCS, e.g. effectiveness of approach in a city level and needs of multilayered approach involving from citizen to policymakers
  - Berlin (2010): Focus on enabling “Transition”
  - Paris (2011): Sustainable green economy which links transition to an LCS, and economic development
  - Oxford (2012): Green growth policies which enable low carbon energy system and expansion to Asian network

Research on a low carbon society has been accelerated through the annual meetings.

# Low-Carbon Societies

- Researchers network directly contributing national policy making process
- Established in 2009 on the initiative of the G8 Environment Ministers' Meeting.
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## 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.

## How to develop LCS-RNet in the future: Evaluation from the Steering Group Members - 1

### UKERC:

- UKERC recognises the significance of network activities.
- UK Government highly appreciates LCS-RNet and is interested in comparing energy policies.
- In the second phase, LCS-RNet must clearly set out an implementation plan over a multi-year period, otherwise support from governments and the EU will dry up.
- Themes of the annual meetings should be decided in line with the implementation plan.
- LCS-RNet should focus on evaluating scientific evidence, rather than recommending it to governments.
- LCS-RNet needs a communication strategy setting out its approach to policymaker interaction.

## How to develop LCS-RNet in the future: Evaluation from the Steering Group Members - 2

ENEA, Italy:

- It is difficult to judge LCS-RNet by only 4-years activities.
- LCS-RNet should strengthen further.
- We should produce tangible outputs.
- Need to strengthen information dissemination.
- Financial support is difficult, but still hope to continue LCS-RNet activities.

CIREN, France:

- To facilitate future green-growth, LCS-RNet should;
  - form a platform including the World Bank, GGGI, OECD, and researchers/experts in African and Latin-America,
  - use the platform to promote low-carbon projects
  - do this together with development organisations, industries and donor agencies.
  - Expand community in an interdisciplinary manner, by making use of annual meetings and workshops.

## How to develop LCS-RNet in the future: Evaluation from the Steering Group Members - 3

Wuppertal Institute, Germany:

- LCS-RNet is only one of many existing network. The German Government cannot associate with all of these. Holding the Second Annual Meeting in Berlin would be its maximum contribution.
- Reputation of LCS-RNet among policy-makers is still not enough.
- To add value, LCS-RNet should try to deepen research, for example, by conducting joint research activities.

NIES, Japan:

- Continuation of LCS-RNet is preferable.
- Shifting to Asia is important, but facilitating knowledge-sharing amongst developed countries should be still important on the basis of a global point of view.
- LCS-RNet should expand focal point in each country, and broaden research community.
- Information dissemination from the Secretariat is functional.

## **To become a value-added, unique knowledge-sharing network in the world. LCS-RNet will;**

- Facilitate and make use of research aspect of LCS-RNet
- Form a mid-term implementation plan and promote strategic activities
- Strengthen information dissemination, and
- Try to expand community, by calling for participation especially from emerging economies, US and other stakeholders.