

## The 3<sup>rd</sup> Workshop of Japan-UK Joint Research Project on Low-Carbon Societies (LCS)

### “Roadmap to a Low-Carbon World”

Date: 13<sup>th</sup>-15<sup>th</sup> February, 2008

Venue: Hotel Metropolitan Edmont, Iidabashi, Tokyo

#### Overall workshop structure

- A two-day expert workshop will be followed by a one-day symposium:
  - The expert workshop (13<sup>th</sup>-14<sup>th</sup> February) will explore the *roadmap to a low-carbon world* through presentations and small-group discussions
  - The symposium (15<sup>th</sup>), will be addressed by high-level speakers in the morning. Discussion points explored at the expert workshop will be presented by panel discussion in the afternoon – the audience will be able to interact using hand-held electronic opinion counters.
- The third workshop outputs – the report and executive summary and the “call for action” – as well as a summary of conclusions from the whole workshop series will be discussed among the experts in the final session on the third day before being finalised by the international Steering Committee.

#### The expert workshop

- 1) Around 60 experts will be invited. These will include low-carbon society researchers; officials at national, sub-national and city level who are dealing with city planning, transportation policy, technological development, assistance to developing countries, and climate change; business and financial experts and NGOs.
- 2) The expert workshop consists of two series of key-note speeches, parallel sessions, interactive sessions and post-parallel sessions.
- 3) Four key issues will be discussed in the parallel sessions:
  - Topic 1 [**Behavior**]: Behavior change and its impact on delivering LCSs.
  - Topic 2 [**Sustainable Development**]: Aligning sustainable development with LCSs
  - Topic 3 [**Enabling: Investment**]: mechanisms to enable LCSs
  - Topic 4 [**Barriers and Opportunities**]: approaches to sensitive LCS sectors

Key-note Speech in plenary session: Each speaker will cover key discussion points for each group (20min: 15min talk and 5min Q&A).

Parallel Session: Participants will be divided into 4 groups with 4-8 lead speeches in the group (1-2 slides if necessary, 5min maximum). Discussion will be directed to explore key messages and findings/evidences in each area.

Interactive Session: Each of the four groups will report back to plenary and respond to challenges.

Post-Parallel Session: The groups will reconvene and refine their outputs based on discussions during interactive session.

- 4) The third workshop outputs – the report and executive summary and the “call for action” – as well as a summary of conclusions from the whole workshop series will be discussed among the experts in the final session on the third day before being finalised by the international Steering Committee.

### Symposium

- 1) Around two hundred people, who have some relation to and/or are stakeholders in the topic, will be invited.
- 2) The morning session will involve high-level presentations from international speakers.
- 3) The afternoon session will host a panel discussion based on outcomes of the expert workshop. Audience participation will be encouraged and an interactive hand-held opinion counter will help facilitate frank and lively exchange between panelists and audience.
- 4) The symposium will be web-cast at a later date.
- 5) Lunch buffet will be prepared for all symposium participants.

### Timetable of the 3<sup>rd</sup> LCS Workshop

	Feb.13 (Wed) <b>Expert WS (day 1)</b>	Feb.14 (Thu) <b>Expert WS (day 2)</b>	Feb.15 (Fri) <b>Symposium and Expert WS (day 3)</b>
Morning	8:30- Registration  9:00- Orientation  <u>First Round</u> 10:00 Plenary (1) Key-note speech Group1&2 (20min each) [this is not clear if it means group 1 and 2 or what] 10:40- Refreshment break  11:00- Key-note speech Group 3&4 11:40- Parallel (1) (including 4-6 speeches)  12:30- Lunch	8:30- Registration  <u>Second Round</u> 9- Plenary (2) Key-note speech Group 1-4  10:20- Refreshment break  10:40- Parallel (2) (including 4-6 speeches)  12- Lunch	9- Registration  9:30- Minister of the Environment, Japan 9:40- UK Ambassador 9:50- Introduction  <u>High-level speech</u> 10:10- High level speech1 10:40- High level speech2 11:10- High level speech3  11:40- Lunch (buffet)
Afternoon	13:30- Parallel (1) (cont.)  14:40- Refreshment break  15:10- Interactive (1) ("Challenge" each other) 16:30- Post Parallel (1)  17- Adjourn	13- Parallel (2) (cont.) 13:40- Interactive (2) ("Challenge" each other) 15- Post Parallel (2)  15:30- Refreshment break  <u>All topics</u> 16- Overall  18- Adjourn	13- Panel Discussion (Explain key messages and action plans explored during Expert WS) 30min from each topic 15- Overall Discussion 15:30- Closing Remarks, President of NIES  16- Final session of Expert WS (Call for Action and Executive Summary)  17- Adjourn
Evening	18-Reception at British Embassy in Tokyo	Free night (Preparation for panel discussion in symposium)	

Staff Room is located at "Seseragi" in Third Floor during 12<sup>th</sup> to 15<sup>th</sup> Feb.

(Only for International Steering Committee (SC) members:

- steering committee meeting including group chairs and rapporteurs will be held at 15:00-17:00 on Feb.12, prior to the Expert Workshop in Crystal Room in Ground Floor.
- steering committee meeting will be held at 17:00 on Feb. 15, after the Expert Workshop)

### **Structure of the Expert Workshop**

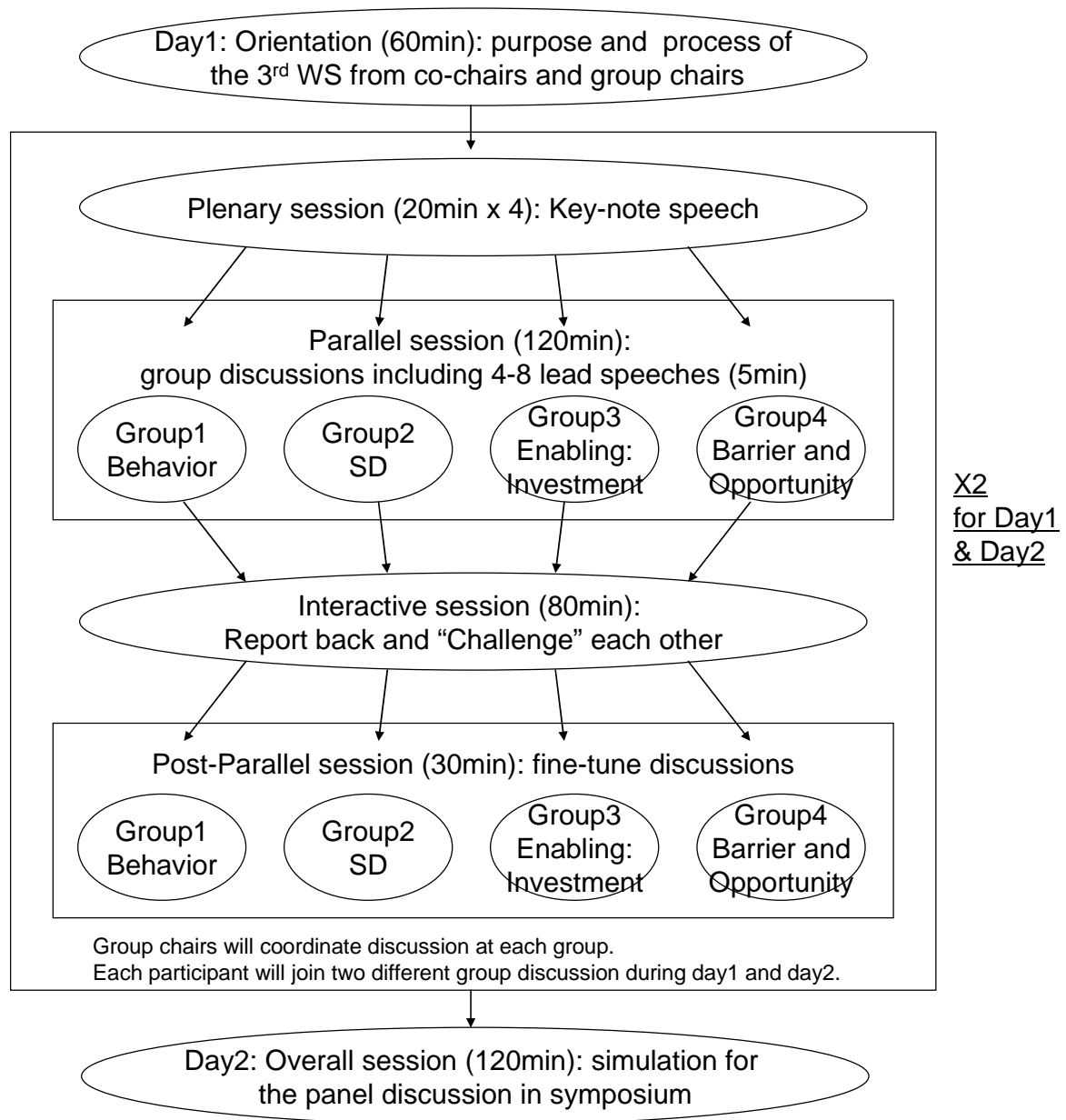
Plenary Session (20min each): Each key-note speaker will cover key discussion points for each group.

Parallel Session (120min): Participants will be divided into 4 groups during parallel session. Each group work will cover 4-8 (1-2 slides if necessary, 5min maximum) lead speeches and discussions to explore key messages and action plans in each area. Each expert will join 4 groups.

Interactive Session (80min): All participants will get together to report back from each group work in parallel session and have discussions with each other to fine-tune key messages and action plans.

Post-Parallel Session (30min): Participants will divide into same groups as in parallel session and polish their outputs while taking in account discussions during interactive session.

Overall Session (120min): Simulation for the panel discussion in symposium



**The 3<sup>rd</sup> Symposium of Japan-UK Joint Research Project on Low-Carbon Societies**

**“Roadmap to Low-Carbon World”**

**Date: 15th February, 2008**

**Venue: Hotel Metropolitan Edmont, Nishiabashi, Tokyo.**

Welcome Address

9:30-9:40 Dr. Ichiro Kamoshita, Minister of the Environment, Japan

9:40-9:50 Sir Graham Fry, British Ambassador to Japan

Purpose of this symposium

9:50-10:10 Co-chairs: Dr. Shuzo Nishioka (NIES) and Dr. Jim Skea (UKERC)

High-level speech

10:10-10:40 Roadmap to Low-Carbon World – Asian Consciousness  
Dr. Emil Salim, Former Minister for Environment, Indonesia

10:40-11:10 Roadmap to Low-Carbon World – Business Perspectives  
Mr. Mitsuhiro Yamashita, Executive Vice President, Nissan Motor Co. Ltd.

11:10-11:40 Towards a Low-Carbon UK  
Mr. David Warrilow, Head of Climate, Energy and Ozone:  
Science and Analysis Division, UK Defra

11:40-13:00 Lunch for all participants

Panel Discussion: Interactive discussion using electronic opinion counters

13:00-15:30 Co-chairs: Dr. Shuzo Nishioka (NIES) and Dr. Jim Skea (UKERC)

Group1: Behaviour change and its impact on delivering low-carbon societies  
Jeremy Watson (Arup, UK) and Yuichi Moriguchi (NIES, Japan)

Group2: Aligning Sustainable Development with low-carbon societies  
Ogunlade Davidson (University of Sierra Leone) and  
Taka Hiraishi (IGES, Japan)

Group3: Investment: enabling low-carbon societies  
Jose Alberto Garibaldi (Energeia, Mexico) and  
Takejiro Sueyoshi (Special Advisor to the UNEP Finance Initiative)

Group4: Barriers and Opportunities: approaches to sensitive low-carbon sectors  
Jim Watson (SPRU, UK) and Naoya Tsukamoto (MoEJ, Japan)

Overall Discussion

Closing Remarks

15:30-15:40 Dr. Ryutaro Ohtsuka, President, NIES

All presentations and discussions will be webcast.

## **Expected outputs from the 3<sup>rd</sup> low-carbon society workshop**

### **1) International Steering Committee “Call for Action”**

This should be a short and direct document from the international steering committee calling on the G8 and emerging countries to implement key measures that will help in the transition to a low-carbon society. It will detail key areas for action as identified during the third workshop.

It should be presented during the Environment Ministerial and the Gleneagles Dialogue Ministerial with a view to seeking endorsement from participating countries.

### **2) Report from 20 countries on Low-Carbon Society Scenarios**

Should examine development pathways and current starting points, both in reference to putting each country on a trajectory towards transitioning to a low-carbon society and in addressing climate goals. We can expect a review of current emissions and energy use alongside national programmes that address the need for pro-growth strategies that also avoids dangerous climate change.

We can expect this to be identify starting points for countries and could help to recognise the similarities and difference in approaches across regions. We should be able to use this as a stand alone document in this regard, however it could also be used as part of the overall conclusion document.

### **3) Executive summary of the 3<sup>rd</sup> workshop**

This document will summarise the discussions during the third workshop and should concentrate on the key messages delivered by participants. We will need to use this document to link the evidence base generated by the collaborative energy modelling, whilst identifying the key areas for a range of stakeholders to consider.

We can expect this document to be used in both the Environment Ministerial and the Gleneagles Dialogue during Japan's presidency of the G8 in 2008. It could also be used in the preparations for the G8 summit by disseminating it to colleagues in the G8 +5 countries, particularly Environment Ministers.

We could use the executive summary during other international meetings, such as G20 dialogues, the Major Economies Meeting and the UNFCCC COP in Poland in 2008.

### **4) Full report of the 3<sup>rd</sup> workshop**

This will be a more in depth look at the discussions held during the third workshop and should include a thorough examination of the conclusions reached by participants. It will include papers written by presenters from the workshop and the outcomes of the working groups and the interactive sessions.

This document can be used to feed into other international fora such as the G8 Environmental Ministerial Meeting, Gleneagles Dialogue, the Major Economies Meeting and the UNFCCC at official level.

### **5) Summary of conclusions from the workshop series**

This document will need to integrate conclusions from the workshop series as well as findings from the energy modelling collaborations. It should also include any policy recommendations and will need to be accompanied by an executive summary. It should have a clear narrative that draws both upon the evidence base as well as the examination of policies and measures that can put us on a trajectory towards transitioning to a low-carbon economy. It should result

in a clear recommendation to all areas of policy development and should include an examination of the roles and opportunities available to key actors such as Governments, business, individuals and organisations.

This document can be used to feed into other international fora such as the Gleneagles Dialogue, the Major Economies Meeting and the UNFCCC at official level. It could also be used to form a side event during the next COP in Poland. We should aim to publish and disseminate the document to our international colleagues and the organisations they represent.

## Background to the workshop series

The Ministry of the Environment of Japan (MoEJ) and the Department for Environment, Food and Rural Affairs in the UK (Defra) are jointly promoting a scientific research project toward achieving a Low-Carbon Society (LCS) by 2050. The National Institute for Environmental Studies (NIES), the UK Energy Research Centre (UKERC) and the Tyndall Centre for Climate Change Research are conducting research activities in line with this goal. We organised the 1st LCS workshop in June 2006 (Tokyo) and the 2nd LCS workshop in June 2007 (London).

The report of the first workshop was presented to the G8 Dialogue meeting in Mexico in October 2006. The Executive Summary was distributed to Parties at the United Nations Framework Convention on Climate Change (UNFCCC) meeting in Nairobi in November 2006. These can be found at the website <http://2050.nies.go.jp/200606workshop/>. The report of the second workshop was distributed to Parties at the United Nations Framework Convention on Climate Change (UNFCCC) meeting in Bali in December 2007. These can be found at the website <http://www.ukerc.ac.uk/TheMeetingPlace/Activities/Activities2007/0706AchievingSustainableLCS.aspx>.

The 3rd LCS workshop will be held from February 13 to 15, 2008 (Tokyo) and it will summarise research outputs for G8 Japan.

## Japan-UK Joint Research Project LCS through Sustainable Development for Global Participation

**A First workshop was held  
in Tokyo, June 14-16, 2006.**

Participants from 19 countries;  
Asia: Japan, China, India, Thailand,  
Taiwan (China)  
Africa: South Africa, Nigeria  
Europe: UK, France, Germany,  
Denmark, Spain, Netherlands, Russia  
Latin America: Brazil, Mexico, Chile  
North America: US, Canada

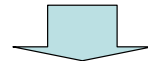


**A Second workshop was held  
in London, June 13-15, 2007.**

**A Third workshop will be held  
in Japan, Feb 13-15, 2008.**

**Developing and Diffusing Innovations  
for our good life and LCS through SD**

**G8 Gleneagles 2005**



**G20 March 14-16, Chiba  
G8 Env. May 25-27, Kobe**

**G8 Japan  
July 2008**



<http://2050.nies.go.jp>

## About the Hosts

This symposium and workshop - sponsored by the **Ministry of the Environment Japan (MoEJ)** - is hosted by the **MoEJ** and the **Department for Environment, Food and Rural Affairs in the UK (Defra)**, in collaboration with partners **National Institute for Environmental Studies (NIES)**, **UK Energy Research Centre (UKERC)**, the **Tyndall Centre for Climate Change Research** and the **British Embassy to Tokyo**, under the direction of the international steering committee.

## About the Partners

Established in 1974, the **National Institute for Environmental Studies (NIES)** is a research organisation for environmental issues. The **NIES** provides a scientific and technological infrastructure for environmental administration with integrated and interdisciplinary research on a wide range of issues. The **NIES** has supported the **MoEJ** in the arrangement of the workshop contents and logistics.

The reception on the 13<sup>th</sup> February is hosted and sponsored by the **British Embassy** based in Tokyo.

The **UK Energy Research Centre (UKERC)** was set up in 2004 to provide a focus for energy research in the UK while galvanising collaborative international energy research. A key supporting function of UKERC is the **UKERC Meeting Place**, based in Oxford, which aims to bring together members of the UK energy community and overseas experts from different disciplines, to learn, identify problems, develop solutions and further the energy debate.

The **Tyndall Centre for Climate Change Research** brings together scientists, economists, engineers and social scientists, who together are working to develop sustainable responses to climate change through trans-disciplinary research and dialogue on both a national and international level - not just within the research community, but also with business leaders, policy advisors, the media and the public in general.

## Steering committee

A steering committee composed of scientists and policy-makers from Japan, UK, China, Germany, India, Mexico, Sierra Leone, and USA was assembled to steer Defra and the workshop partners in the arrangement of the workshop:

- Japan: Naoya Tsukamoto, Yoshiyuki Yoichi, Haruhiko Nishimura, Sachiko Tsukahara (MoEJ); Shuzo Nishioka, Mikiko Kainuma, Junichi Fujino (NIES)
- UK: David Warrilow, Stephen Cornelius, Andrew Bolitho (Defra), Jim Skea (UKERC), Jim Watson (SPRU: Science and Technology Policy Research, University of Sussex (one of Tyndall Consortium)), Jeremy Watson (Arup).
- China: Jiang Kejun (ERI: Energy Research Institute)
- Germany: Martin Weiss (European Commission)
- India: P.R. Shukla (IIM: Indian Institute of Management)
- Mexico: Jose Alberto Garibaldi (Energeia)
- Sierra Leone: Ogunlade Davidson (University of Sierra Leone)
- USA: Jonathan Pershing (WRI: World Resources Institute)

**Workshop co-chairs:** Shuzo Nishioka (NIES) and Jim Skea (UKERC)

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