

**English**

## Program

13:30-13:35 Opening Remark

**Prof. Koichi Yamada** (Deputy Director-General, LCS)

13:35-13:45 Introduction and our purpose

**Prof. Ryuji Matsuhashi**

(Research Director, LCS /Professor, Dept. of Electrical Engineering and Information Systems, Graduate School of Engineering, The University of Tokyo)

### **Part I: Green Deal in the UK**

13:45-14:15 Green Deal: the story so far

**Mr. Alan Clifford**

(Senior Policy Advisor, Green Deal Supply Chain Team, Department of Energy and Climate Change)

14:15-14:25 Q&A session

14:25-14:55 Operating the UK's Green Deal & Other Energy Efficiency Schemes

**Mr. Jonathan Harley**

(Head, Green Deal Oversight & Registration Body / Principal Consultant & Senior Client Manager, Gemserv Limited Management and Consultancy,)

14:55-15:15 Q&A session

(Coffee Break : 10 minutes)

### **Part II: Policy for the Household Sector in Japan**

Welcome Remarks

**Dr. Shoichiro Tonomura** (Executive Director, JST)

15:25-15:40 Energy Efficiency and J-Credit Scheme

**Mr. Jun Morikawa**

(Deputy Director, Environmental Economy office, Ministry of Economy, Trade and Industry, Government of Japan)

15:40-15:55 Policy against Climate Change – Moving toward a Low Carbon Lifestyle—

**Ms. Hiromi Masuda**

(Deputy Director, Climate Change Policy Division, Global Environment Bureau, Ministry of the Environment, Government of Japan)

15:55-16:10 Trends in Energy Conservation Measures for Housing and Buildings in Japan

**Mr. Takeshi Miyamori**

(Deputy Director, Housing Production Division, Housing Bureau, Ministry of  
Land, Infrastructure, Transport, and Tourism, Government of Japan)

16:10-16:35 Q&A session

**Part III: Green Deal Type Policy to be Implemented in Japan**

16:35-17:05 Proposal of policies for promoting energy savings for households in Japan

**Prof. Ryuji Matsubishi**

(Research Director, LCS /Professor, Dept. of Electrical Engineering and  
Information Systems, Graduate School of Engineering, The University of  
Tokyo)

17:05-17:30 Q&A session

## Opening Remarks and Introduction

Takase: Ladies and gentlemen thank you very much for your interest in our program. First allow me to introduce myself. I'll be serving as the facilitator for this program. My name is Kae Takase, researcher of the Center for Low Carbon Society Strategy (LCS), Japan Science and Technology Agency (JST).

And again, thank you very much for your attendance to this program, organized by LCS JST and the University of Tokyo and supported by the British Embassy Tokyo and MEXT. We are very happy to have speakers from the Ministry of Economy, Trade, and Industry (METI), the Ministry of the Environment (MOE), and the Ministry of Land, Infrastructure, Transport and Tourism (MLIT), as well as two British speakers from the Department of Energy and Climate Change (DECC) and the Green Deal Oversight and Registration Body (GDORB). Today we are operating a simultaneous interpretation service, so please tune in to the channel that you would like to listen to. If you have any questions or problems please let the staff know.

### Opening Remarks

**Prof. Koichi Yamada (Deputy Director-General, LCS)**

Yamada: Good afternoon ladies and gentlemen. This is my short English greeting. Thank you very much for attending today's workshop on policy design for energy saving in our daily life. There are also economic advantages regarding energy saving, so theoretically the energy saving systems can be, or should be, implemented very easily, but actually this is not true. Therefore, it is very difficult to implement energy saving systems in our daily lives, even with economic advantages. So today Mr. Clifford and also Mr. Harley have come to Japan to attend this meeting and to explain the system regarding the United Kingdom's Green Deal policies and also perhaps we can discuss with you about how to tackle the discrepancy between the theoretical and actual conditions or situations. I hope that we can get some good results from this fruitful discussion and we can get good results on the Green Deal policies.

In any case, thank you very much for coming here from the United Kingdom and I expect that today's workshop can or will result in a good conclusion, through which we can solve some problems about how to advance or how to accelerate our Green Deal policies implementation in Japan and also perhaps you can hear some suggestions from us about how your policy, the Green Deal policy, can be improved a little. In any case, I hope that we will have a good workshop. Thank you very much.

Takase: Prof. Yamada, thank you very much. Next I'd like to invite Professor Ryuji Matsuhashi, who is research director of LCS, JST and the Graduate School of Engineering at Tokyo University, to talk about the objectives of holding this workshop.

## **Introduction and Our Purpose**

**Prof. Ryuji Matsuhashi (Research Director, LCS /Professor, Dept. of Electrical Engineering and Information Systems, The University of Tokyo)**

Matsuhashi: Ladies and gentlemen thank you very much for coming to this workshop today. I'd like to hold my discussion in Japanese. First of all, as stated in the introduction by Prof. Yamada, I will be talking about organizing this workshop. From the Department of Energy and Climate Change we have Mr. Alan Clifford and from the Green Deal Oversight and Registration Body we have Mr. Jonathan Harley who is responsible for this endeavor and I would like to express my gratitude here.

We visited the Department of Energy and Climate Change (DECC) in London last year. We discussed the Green Deal policies with Mr. Clifford and after that we met with Mr. Harley to learn about the actual operation of the Green Deal, and Dr. Takase had compiled her findings during the visit. We will add the Japanese environment to the Green Deal, and we will think about the finance mechanism of the Green Deal that will suit the reality here in Japan. We also compiled a paper for a policy proposal<sup>2</sup>.

In the organization of the Center for Low Carbon Society Strategy (LCS), we write academic thesis. Not only that, we try to come up with proposals so that we will be able to contribute to policy resolutions, and we provide those resolutions to related ministries and agencies as well as other key persons of various stakeholder organizations. As I said earlier, this Green Deal system, which the UK launched ahead of the world, is something that has attracted our attention, because not only is it energy saving and low carbon, but they are also promoting it while they maintain economic growth. In that respect the Green Deal system or mechanism is very important and a key mechanism for Japan.

As I said earlier, we visited the UK last year and we learned about the system in the UK. At that time Mr. Alan Clifford and Mr. Jonathan Harley had kindly gave us support and taught us various things. We thank you so much. Next what we have to do in Japan is to create a mechanism in Japan and we have to take into consideration something that is different from the UK. The housing conditions would be quite different between the two countries so therefore we have to think about the specific conditions here in Japan and think about what would be the most adequate mechanism here in Japan so we have to think about other system designs in that respect.

Dr. Takase talked about it earlier, but we do not have so many people here. However, this international workshop is not necessarily something that we invite everybody to come. But we have instead invited people who are involved in system design in compiling policies for the future and we feel that all of you are key persons going forward in creating a new mechanism. So together with the key persons we want to think about this new system.

In the second part, we will have people from Ministry of Economy, Trade, and Industry (METI), from the

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<sup>2</sup> The paper is published in the following website:  
<http://www.jst.go.jp/lcs/documents/publishes/item/fy2013-pp-08.pdf> (in Japanese).

Ministry of Environment (MOE), and Ministry of Land, Infrastructure, Transport and Tourism (MLIT). We have invited administrators from these ministries to speak. We have certain objectives in our mind, because if we open up this kind of system, we have to have it across the board. We have to have it with various stakeholders involved. Therefore we invited the three ministries which we believe would be involved in this system, and in addition to that, we invited the Ministry of Education, Culture, Sports, Science and Technology (MEXT), because JST and also universities are covered by the MEXT. So what we are thinking is to think about designing the system itself in solidarity with all the ministries and agencies. I believe this kind of international workshop on Green Deals is the first to be held in Japan, so taking this opportunity I hope that people in the ministries and agencies and the private sector as well as academia will think about how to consider building the system so that the system will be even better. So I would like to ask for your cooperation. Thank you very much for coming.

Takase: Thank you very much. Now we would like to move on to the first section of this program where we can listen to presentations from two British presenters.