

Activity in FY2013-2014 and research plan in FY2015

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This presentation is the introductory part of the 20<sup>th</sup> AIM International Workshop.

During the FY2014, we have been doing the following activities from the global scale to the household scale.

- 1) New scenario development for Japan and the world (2-1402, ERTDF MOEJ)
- 2) SLCP and local enduse model development (S-12-2, ERTDF MOEJ)
- 3) Capacity building and model deployment (JCM: Joint Crediting Mechanism)
- 4) Low carbon scenario development and implementation in Iskandar Malaysia (SATREPS)
- 5) Local scale model and scenario development in Japan (2-1404, ERTDF MOEJ)
- 6) Global risk assessment due to the climate change (S-10-1, ERTDF MOEJ)
- 7) Assessment of climate change impacts and adaptations in Japan and Asia (S-8, ERTDF MOEJ)
- 8) Monitoring energy demand and technology assessment in specific sectors

In each session, the progress above projects will be introduced.

Toward the COP21 at Paris in 2015, the post-2020 target will have to be decided in advance. The AIM team has been contributing to this process as usual. At Session 2, we exchange the information about the INDC in each country. Since FY2014, the research on “Environmental Renovation Program” has been actually started in Fukushima Branch of NIES. The AIM members in NIES are expected to contribute to this new program. In Session 5, the present situation and results are explained.

We have contributed the international research programs such as IAMC (Integrated Assessment Modeling Consortium), EMF (Energy Modeling Forum), ADVANCE, DDPP (Deep Decarbonization Pathways Project), MILES (Modelling and Informing Low Emission Strategies) and so on. These activities will be introduced at the related presentation.

Finally, Session 3 is the poster session. In this year, we will decide the best presentation award from the young researchers' posters.

In FY2015, we will continue the work in FY2014. As above mentioned, we will continue to contribute to discussion on the post-2020 target toward COP21. In order to implement the low carbon society in Japan and Asian countries, we will promote the present activities.