

Government of Japan conducts not only national policy such as development of Climate Change Action Plan/NDC, but also encourages local government, private sectors, NGOs, citizens. National Institute of Environmental Studies (NIES) plays a role of conducting environmental research activities including climate change and delivering scientific findings to policy makers and public.

NIES applies its research knowledge and experience to not only Japan but also Asia and the world. One good example is the project to develop “Iskandar Malaysia Low Carbon Society Blueprint” that aims to reduce 40% GHG emissions by 2025 compared as Business as Usual case, carried out by collaborating teams from Kyoto University, NIES, Okayama University, University Technology Malaysia (UTM) and Iskandar Regional Development Authority (IRDA) as SATREPS (Science and Technology Research Partnership for Sustainable Development) research project coordinated by JICA and JST. The Blueprint was launched by Chief Executive of IRDA at UNFCCC COP18 official side event, Doha.

<http://www.utm.my/partners/satreps-lcs/>

Following Science to Action (S2A) (Malaysian national policy), NIES has supported Malaysian stakeholders to conduct Low Carbon Education Program “Iskandar Malaysia Eco Life Challenge (IMELC)” since 2013. This program was originally developed in Kyoto as “Children Eco Life Challenge” since 2005 and now all public schools (around 170) have joined it. Iskandar Malaysia succeeded to conduct IMELC at 23 schools in 2013, 80 schools in 2014 and 223 schools (all public schools) in 2015 with help of experts from Kyoto. We plan to support not only primary school low carbon education programs but also active learning based low carbon education in secondary schools and through community scale activities.

Based on these activities Iskandar Malaysia has been selected as one of RCE (Regional Center of Expertise on ESD) by UNU in Dec 2015. We continue to analyze key success factors and make this activity as a showcase to entire Malaysia, Asia, and the world. We wish to share our good practice at the 4<sup>th</sup> in-session Dialogue of Article 6 in May 2016.

This research activity is highly recognized by Japanese Government to become showcase.