

## Preface

Due to decision by 9<sup>th</sup> East Asia Summit (EAS) – Energy Ministers Meeting (EMM), EAS energy outlook is updated every two years. Consequently the working group for Energy Outlook and Saving Potential of EAS countries conducted following three studies;

- a. Seek for possibility to use their national energy data instead of IEA data
- b. Conduct a case study on CO<sub>2</sub> mitigation scenario
- c. Information sharing on their INDC/NDC

This is the first time that the working group members of Energy Outlook and Saving Potentials of East Asia Summit (EAS) countries agreed to take on a serious look on how to improve data used in the modeling of energy demand model in ASEAN countries. In the past, the outlook relies tremendously on International Energy Agency (IEA) energy data.

However, over years of capacity building on energy outlook modelling supported by Economic Research Institute for ASEAN and East Asia (ERIA), the working group has decided to assess quality of the national energy data combined with APEC's energy database to use for the energy demand modeling in some selected ASEAN countries.

To give aspiration to the COP 21, the working group also set a scenario of keeping CO<sub>2</sub> emission frozen at 2013 level up to 2040. In this case, it is very challenging tasks for the some EAS countries to find the best energy mix, while keeping CO<sub>2</sub> level from 2013 till 2040. The upscaling renewable energy together with energy efficiency programmes remain the key energy policy towards low carbon economy in EAS countries.

On behalf of working group, I am grateful for their strong commitment of working members to improve the energy demand modelling for EAS countries and for their active participation. I hope the ASEAN countries will eventually have their technical expertise in the energy outlook modeling and their respective energy data quality will eventually be improved.

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2016

## Acknowledgement

This technical improvement report on energy outlook and energy saving potential for EAS region is a joint effort of Working Group members from the East Asia Summit countries, Economic Research Institute for ASEAN and East Asia (ERIA), and The Institute of Energy Economics, Japan (IEEJ). We would like to acknowledge the support provided by everyone involved. We especially take this opportunity to thank the members of the Working Group, ERIA's energy team, the International Affairs Division of the Agency for Natural Resources and Energy (ANRE) of the Ministry of Economy, Trade and Industry (METI) of Japan, and IEEJ's energy outlook modelling team.

Special acknowledgement also goes to Mr. Shigeru Kimura, Dr. Han Phoumin, and Ms. Cecilya Laksmiwati Malik, for their contributions in technical editing of this report.

This study could not have been realised without the invaluable support and contribution provided by many people (please see details in the List of Project Members and contributing authors).

Special thanks go to Ms. Maria Priscila del Rosario, chief editor and publication director of ERIA, and her team of editors and publishing staff for helping edit the report and prepare it for publication.

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