Introduction

The APEC Center for Technology Foresight (APEC-CTF) of the National Science Technology and Innovation Policy Office (STI) of Thailand in partner with the Rockefeller Foundation are hosting the “Integrated Foresight for Sustainable Economic Development and Eco-Resilience in ASEAN Countries Symposium” at Banyan Tree Bangkok Hotel, Bangkok, Thailand on 1st – 2nd October 2013. The aim of the symposium is to apply an integrated Foresight approach coupled with sustainable economic and ecological choices to develop strategies and actions that advance science, technology and innovation for inclusive development of ASEAN countries in agreement with the ASEAN Krabi Initiative’s vision of the ASEAN leaders in promoting “Science, Technology and Innovation for a Competitive, Sustainable and Inclusive ASEAN”.

Successful completion of the project will provide a model for the use of Foresight technique to support sustainable economic development throughout the ASEAN member states. The results of the project can be used to formulate a new set of insights about what may be possible by 2020 after the completion of the ASEAN Community in 2015 in terms of stable, productive and innovative employment prospects in the emerging ASEAN economies.

The symposium is the final meeting in the series of four meeting of the same title that will be organized from January –October 2013 in order to synthesize a STI policy
orientated foresight report to incorporate insights from the knowledge and expertise of the key stakeholders, partners, experts and ASEAN representatives from the governments, policy makers, academics, and private sectors in the regional workshops to develop implications for future development pathways and putting findings and recommendations into appropriate actions and implementations in the following three common and interrelated issues of:

1. Recommended Energy Policy, Strategies and Actions
2. Recommended Food Policy, Strategies and Actions
3. Recommended Water Policy, Strategies and Actions

The recommended Energy-Food-Water policy and possible strategies and actions will include the issues of security, production, resource usage and management, relevant and appropriate technology foresight, inclusive STI with focus on bottom of the pyramid, relations and impacts to the environment, local communities and ecological and economic development of ASEAN countries.

**Expected Participants**

The expected participants include experts from public and private organizations such as ministries, research institutes, academic institutes, universities, policy and planning divisions, legislation units, trade and industrial sectors representatives, working groups and committees, etc. that have knowledge, expertise and involve in the planning and management of energy, water and food in ASEAN countries.

The symposium participants do not need to have prior knowledge regarding the foresight technique as the experts from the APEC Center for Technology Foresight will explain about methodology and procedures and therefore, provide guidance for the participants throughout the workshops.

**The Expected Outcome of the Symposium**

- Results and prospective foresight as inputs for the recommendations of policy, strategies and actions of ASEAN energy, water and food nexus issues.
- Brainstorming sessions and group discussions among the experts and sectoral representatives from the public and private organizations will lead to future networks and working groups in the issues of energy, water and food resource planning and management in ASEAN toward the ASEAN community 2015 and beyond.
**Symposium Day 1: 1st October 2013**

**8.30- 9.00**  
Registration

**9.00- 9.30**  
Welcome Remarks  
Dr. Pichet Durongkaveroj  
*Secretary General, National Science Technology and Innovation Policy Office, Thailand*

Dr. Richard Silberglitt  
*Chair, International Advisory Board, APEC Center for Technology Foresight*

Ms. Claudia Juech  
*Senior Leadership, Managing Director, The Rockefeller Foundation*

**9.30–9.45**  
Opening Remarks

**9.45 – 10.15**  
**Keynote Address**

**10.15 - 10.30**  
Coffee/Tea Break

**10.30–11.00**  
ASEAN STI  
Dr. Pichet Durongkaveroj  
*Secretary General, National Science Technology and Innovation Policy Office, Thailand*

**11.00–11.30**  
**Bottom of the Pyramid in ASEAN**  
Ms. Claudia Juech  
*Senior Leadership, Managing Director, The Rockefeller Foundation*

**11.30-12.00**  
**The Energy-Water-Food Nexus, Constraint and Climate Change Impacts**  
Prof. Deepak Sharma  
Director, Centre for Energy Policy (CEP), University of Technology, Sydney

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**Group Photo Session**  
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**12.00 – 13.00**  
Lunch

**13.00-13.30**  
**Summary of the Series of Workshop and Real-Time Delphi Results**  
Dr. Surachai Sathitkunarat  
*Executive Director, APEC Center for Technology Foresight*

**13.30 - 14.00**  
**ASEAN Scenarios**

- Dr. Richard Silberglitt
Chair, International Advisory Board, APEC Center for Technology Foresight

Senior Physical Scientist, RAND Corporation

- Prof. Dr. Ron Johnston
  
  Member of International Advisory Board, APEC Center for Technology Foresight

  Executive Director, Australian Centre for Innovation and International Competitiveness (ACIIC), Australia

- Adj. Prof. John Edward Smith
  
  Member of International Advisory Board, APEC Center for Technology Foresight

  Adjunct Professor of Technology and Strategy, Telfer School of Management at the University of Ottawa, Canada

14.00 – 14.15 Coffee/Tea Break

14.15 – 16.30 Group Discussion on ASEAN Scenarios in Energy, Food, Water sustainability, resilience and inclusive innovation

  - Discussion Group 1: Energy
    Facilitator: Dr. Richard Silberglitt
  
  - Discussion Group 2: Water
    Facilitator: Prof. Dr. Ron Johnston
  
  - Discussion Group 3: Food
    Facilitator: Adj. Prof. John Edward Smith

18.00 – 21.00 Networking Dinner

Symposium Day 2: 2nd October 2013

9.00 – 10.30 ASEAN Nexus Scenario (Panel discussion)

  Moderated by Dr. Richard Silberglitt

10.30 – 10.45 Coffee/Tea Break

10.45 – 11.45 Conclusions and Recommendations

  By Dr. Richard Silberglitt

11.45 – 12.00 Closing Remarks

12.00 – 13.00 Lunch