APEC Project (PPSTI03 2017A): Policy Dialogue on Fuel Economy Platform

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EGNRET / EGEE&C Joint Meeting
(EGNRET 51, EGEE&C 52)

13 September 2018
Le Meridien Hotel, Chiangmai, Thailand
Project details

• Objectives
  – To ensure trained participants will be able to conduct impact assessment on fuel economy policy in his/her own economies after the training.
  – To create framework or platform for fuel economy among APEC economies in alignment with Global Fuel Economy Initiative (GFEI).
  – To develop recommendations for economies with trained participants on how fuel economy initiative can be established.
  – To increase knowledge and build capacity in impact assessment of fuel economy as one of the energy efficiency measure in transportation sector.

• Workshops & seminar
  – 1st WS: 26-27 Apr 2018 in Thailand
  – 2nd WS: 13 Nov 2018 in Kuching, Malaysia (pre BAQ2018)

• Network of Fuel Economy experts from APEC economies
Agenda of 1st workshop in Bangkok (26-27 Apr 18)

Thursday 26 April 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Registration</td>
</tr>
<tr>
<td>09:00</td>
<td>Opening Session and Workshop/Project Overview</td>
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<tr>
<td>09:30</td>
<td>Keynote - Overview of fuel economy development in the world</td>
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<tr>
<td>10:00</td>
<td>Coffee Break</td>
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<tr>
<td>10:30</td>
<td>Overview of fuel economy development around the world with focus on fiscal incentives (30 min each)</td>
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<tr>
<td>11:00</td>
<td>Lunch</td>
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<tr>
<td>12:00</td>
<td>Overview of fuel economy development around the world with focus on fiscal incentive (cont’d, 30 min each)</td>
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<tr>
<td>13:00</td>
<td>Lunch</td>
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<tr>
<td>13:30</td>
<td>Discussion on common approach to bring together regional fuel economy</td>
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<tr>
<td>15:00</td>
<td>Coffee Break</td>
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<tr>
<td>15:30</td>
<td>Regional perspective on fuel economy in South East Asia</td>
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<tr>
<td>16:00</td>
<td>Discussion on common approach to bring together regional fuel economy</td>
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Friday, 27 April 2018

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Overview of Thailand case study on fuel economy analysis</td>
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<tr>
<td>09:30</td>
<td>Technological advancement to improve vehicle fuel economy</td>
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<tr>
<td>10:30</td>
<td>Coffee Break</td>
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<tr>
<td>11:00</td>
<td>Gasoline Powertrain Technology Trends for highest Efficiency and ultra-low Emission under real driving conditions</td>
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<tr>
<td>11:30</td>
<td>Round table Discussion on private sector contribution to fuel economy improvement</td>
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<td>12:00</td>
<td>Lunch</td>
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<tr>
<td>13:00</td>
<td>Review of cost-benefit analysis tool on fuel economy with case study: FEPIT</td>
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<td>14:00</td>
<td>Discussion on common approach for cost benefit analysis on fuel economy</td>
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<tr>
<td>15:30</td>
<td>Drafting of fuel economy framework in member economies</td>
</tr>
<tr>
<td>16:00</td>
<td>Wrap-up</td>
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https://www.transportandclimatechange.org/2018/05/09/the-1st-apec-workshop-on-policy-dialogue-on-fuel-economy-platform/
Statistic of 1st FE workshop

1st APEC FE Workshop (50 participants)

- Govt: 31 (62%)
- Univ/NGO/Inter: 9 (18%)
- Private: 10 (20%)

- Male: 23, (46%)
- Female: 27, (54%)

*Many MTEC staffs not in the photo*
Day 1: 26 Apr 2017

MTEC

MOST

GIZ

UNEP

AUS

CAN/PRC

PH

THA

VN
Day 2: 27 Apr 2017

Presentations from private sectors

Presentation on cost benefit analysis
2nd workshop in Kuching, Malaysia (13 Nov 18)

- Planned on 13 November 2018 in Kuching (Malaysia)
  - Pre-event to BAQ2018 (Better Air Quality)
- Follow up on FE update from APEC membered economies with case study on additional FE cost-benefit analysis

## Agenda (Draft)

**The 2nd APEC Workshop on Policy Dialogue on Fuel Economy Platform & 4th Forum of the ASEAN Fuel Economy Platform**

13 November 2018

Borneo Convention Centre Kuching, Malaysia [https://goo.gl/maps/jnkeXgDZs91](https://goo.gl/maps/jnkeXgDZs91)

### Tuesday 13 November 2018

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<td>08:30</td>
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</table>
| 09:00 | Opening Session and Workshop/Project Overview  
Welcoming Remark by MAI Representative  
Project overview and Opening remark by PPSTI Representative from Ministry of Science and Technology, Thailand  
Group Photo |
| 09:20 | Keynote – Update on fuel economy development in the world  
Mr. Bert Fabian, UN Environment |
| 09:40 | Update on regional perspective on fuel economy  
ASEAN: Representative from Singapore Land Transport Authority (LTA)  
South Asia: Representative from Sri Lanka and/or India |
| 10:20 | Coffee Break |
| 10:40 | Update on fuel economy development around the world with focus on fiscal incentives (20 min each)  
Indonesia: Mr. Putu Jul Ardika, Ministry of Industry (Kementerian Perindustrian)  
Malaysia: Mr. Mohd Sharulnizam Sarip, Malaysian Automotive Institute (MAI)  
Myanmar:  
Singapore: Representative from LTA |
| 12:00 | Lunch |
| 13:00 | Cost benefit analysis on fuel economy: Thailand & The Philippines  
Dr. Peerawat Saisirat, National Metal and Materials Technology Center (MTEC) |
| 13:30 | Beyond taxes, labels and standards: Innovative policies/approaches to promote FE (20 min each with open discussion)  
Introduction of Chatbot by Mr. Friedel Seltliler, Deputy Director of GIZ TCC  
Role of digital technologies: IoT, Big data, Smart cities by Representative of ASEAN Automotive Federation |
| 15:00 | Coffee Break |
| 15:20 | Discussion on common approach to bring together regional fuel economy  
Moderator will ask for opinion from participants on fuel economy initiatives toward regional collaboration |
| 16:00 | Drafting of fuel economy framework in member economies  
- Based on case studies, participants are encouraged to try to draft fuel economy framework in member economies, e.g. listing related stakeholders and authorities, identifying current and future fiscal incentive and formulating fuel economy framework. |
| 16:30 | Wrap-up  
The moderator will provide feedback and recommendations on fuel economy policy. All the feedback will be compiled in final report. |
Thank you