

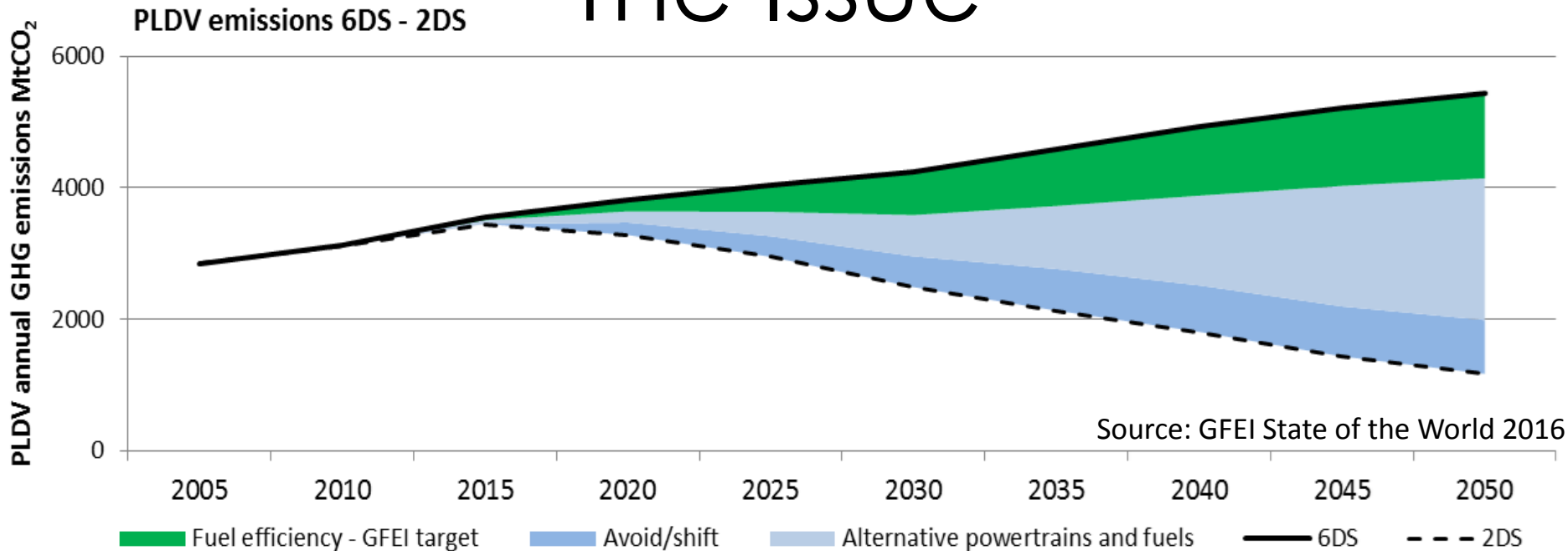
APEC PPSTI Concept Note Presentation PPSTI 11

(Policy Dialogue on Fuel Economy Platform)



(Thailand)
(Agenda Item #10)

-The Issue-



- Transport accounts for **23%** of energy related carbon emissions
- Reducing fuel consumption (L/100km) by **50% until 2050**
 - can save up to **33 Gt CO₂** and up to **USD 8 trillion** globally
 - equivalent of **closing down 300 power stations**
- Car fuel efficiency is a “**low-hanging fruit**” for GHG mitigation



-Project Details-

Project Name

- Policy Dialogue on Fuel Economy Platform

Proposing Economy

- Thailand

Confirmed Co-sponsors

- China; Chinese Taipei and Philippines

Expected Project Duration:

- Dec 2017 – Nov 2018

Funding Amount Requested:

- USD\$ 98,850

Proposed APEC Funding Source:

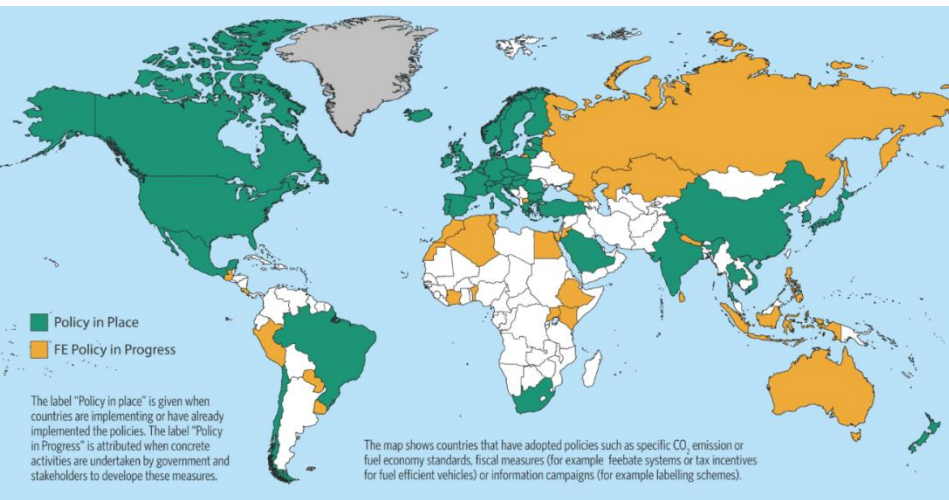
- APEC Support Fund
- Expanding from desk research project “EWG 05 2014A” on vehicle fuel efficiency labeling to get practical hand-on capacity building (Rank 1) to analyze impact by fuel economy policy to promote energy efficiency (Rank 2) in transportation sector.
- 1 representative from 11 travel-eligible economies will be invited

Self-funding Amount:

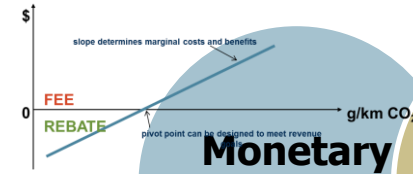
- 9,000



-Objectives-



Feebate = Fee + Rebate



Monetary

Fiscal

Consumer information

Labelling

FE

Regulatory

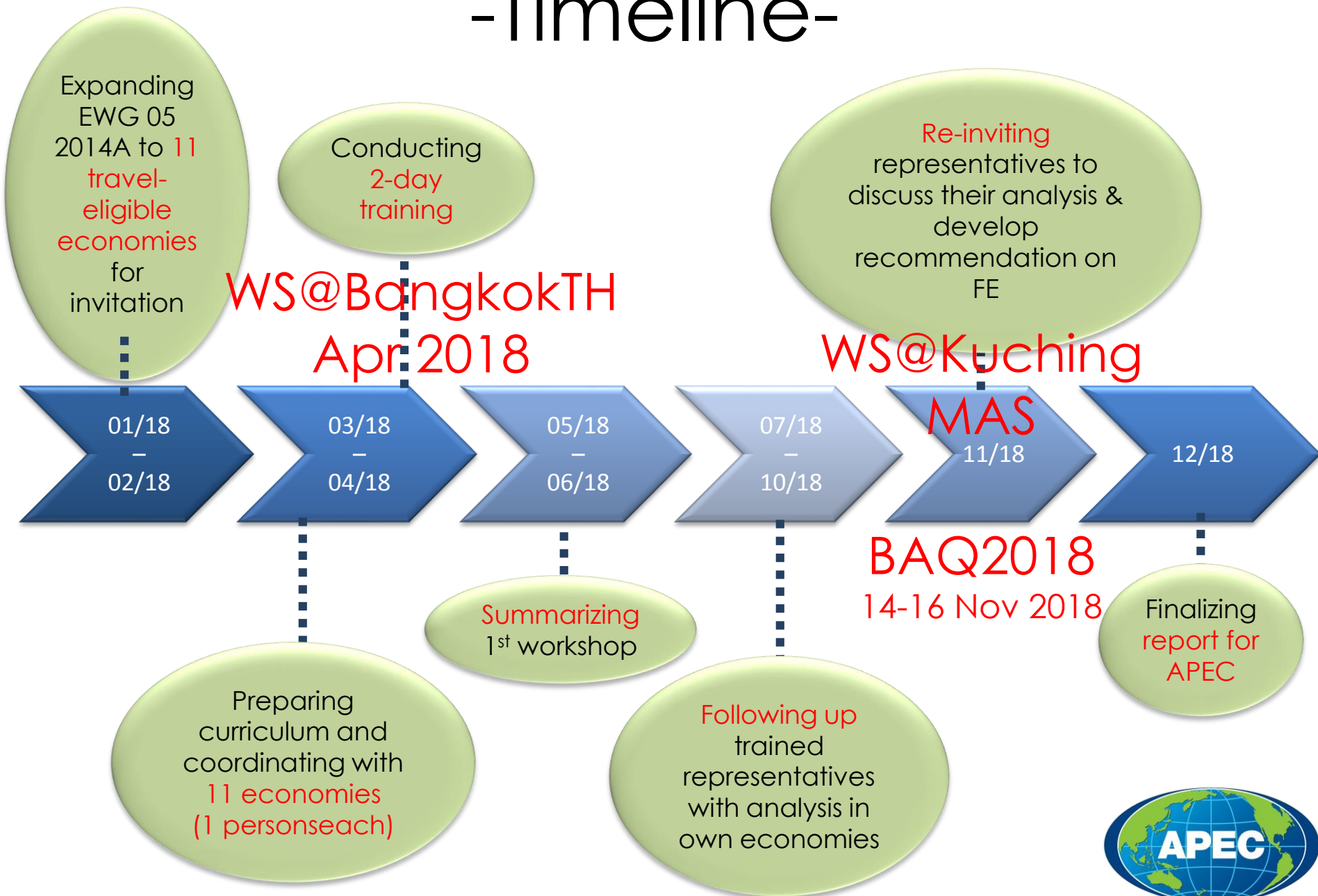
(FE/CO₂ standards)



- 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.



-Timeline-



ANNEXI
AGENDA (Draft)

The 1st APEC Workshop on Policy Dialogue on Fuel Economy Platform

26-27 April 2018

Convention Center Room **TBC**

Thailand Science Park, Pathumthani, Thailand (<https://goo.gl/maps/e9rEp72J4F12>)

Thursday 26 April 2018

Agenda	
08.30	Registration
09.00	Opening Session and Workshop/Project Overview Welcoming Remark by MTEC Executive Project overview by Representative from PPSTI Opening Speech by Ministry of Science and Technology, Thailand Group Photo
09.30	Keynote – Overview of fuel economy development in the world TBC , GIZ TCC or GFEI
10.00	Coffee Break
10.30	Fuel economy 101 Mr. Robert Earley , GIZ TCC or GFEI
11.00	Overview of fuel economy development around the world with focus on fiscal incentive China: Ms. Zifei Yang, The International Council on Clean Transportation (ICCT) Indonesia: Mr. Puput Ahmad Safrudin, Komite Penghapusan Bensin Bertimbel (KPBB) Malaysia: Prof. Horizon Gitano, University of Science Malaysia
12.30	Lunch
13.30	Overview of fuel economy development around the world with focus on fiscal incentive (cont'd) Philippines: Ms. Kathleen Dematera, Clean Air Asia (CAA) Thailand: Ms. Gessarin Gunthawong, GIZ TCC USA: Dr. Lewis Fulton, University of California, Davis
15.00	Discussion on fuel economy implementation • Moderator will ask for opinion from participants on fuel economy initiative
15.30	Coffee Break

16.00	Way forward for fuel economy establishment • Based on discussion from participants, a way forward for fuel economy establishment will be formulated.
17.00	Wrap up • The moderator will provide feedback and recommendations on fuel economy policy. All the feedback will be compiled for further discussion.
18.00	Welcome Dinner

Thursday, 27 April 2018

Analysis on baseline fuel economy with Thailand as case study

Agenda	
08.30	Registration
09.00	Overview of Thailand case study on fuel economy analysis Dr. Nuwong Chollacoop, National Metal and Materials Technology Center (MTEC)
09.30	Technological advancement to improve vehicle fuel economy Mr. Siamnat Panassorn, Tripetch Isuzu Sales Co., Ltd. (TIS)
10.00	Technological advancement to improve vehicle fuel economy Mr. Daisuke Itagaki, Toyota Daihatsu Engineering & Manufacturing Co., Ltd. (TDEM)
10.30	Coffee Break
11.00	Technological advancement to improve vehicle fuel economy Mr. Franz Kinzer, AVL SEA & AUSTRALIA Co., Ltd.
11.30	Discussion on private sector contribution to fuel economy improvement • Moderator will ask for opinion from participants on role of private sector to support fuel economy improvement
12.00	Lunch
13.00	Case study: step-by-step analysis on baseline fuel economy in Thailand Dr. Peerawat Saisirat, National Metal and Materials Technology Center (MTEC)
14.00	Case study: step-by-step cost benefit analysis on fuel economy in Thailand Dr. Peerawat Saisirat, National Metal and Materials Technology Center (MTEC)
15.00	Coffee Break
15.30	Drafting of fuel economy framework in own economy • Based on Thailand case study, participants will try to draft fuel economy framework in own economy, 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 set up task to be completed by participants from each economy by 2 nd workshop in November 2018.



-Concept Note Champion-



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