



Asia-Pacific
Economic Cooperation



Department of Alternative
Energy Development and Efficiency
MINISTRY OF ENERGY

EWG 20 2016A:

Guidelines toward High Biodiesel Blend Diesel (eg B20) Specification in the APEC Region

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APEC EGNRET Meeting

Tokyo, Japan

October 2017

Guidelines toward High BDF Blend in APEC

- Project overseer

- ✓ Department of Alternative Energy Development and Efficiency (DEDE)
- ✓ Mr. Wanchai Bunluesinth & Ms. Munlika Sompranon

- Duration

- ✓ March 2017 – April 2018

- Contractor & Team members

- ✓ National Metal and Materials Technology Center (MTEC)
 - Mr. Nuwong Chollacoop, Ph.D. / Team Leader
 - Ms. Mania Tongroon, Ph.D. / Researcher
 - Ms. Wanita Powsakul, Secretary

Project details

- Objectives

- ✓ To develop **recommendation** for guideline for **high biodiesel blend** specification.
- ✓ To create a **network of biodiesel experts** in APEC region for future development of regulatory framework.
- ✓ To ensure **workshop** participants gain knowledge in recent development of high biodiesel blend being introduced and used in APEC region.

- Workshops & seminar

- ✓ 1st WS: Dec 2017 in Thailand
- ✓ 2nd WS: Feb 2018 tentatively in USA
- ✓ Seminar: Mar 2018 in Thailand

- Network of BDF experts from APEC economies

GI for 1st WS

ANNEX I **AGENDA (Draft)**

The 1st APEC Workshop on Guidelines toward High Biodiesel Blend Diesel (eg B20)
Specification in the APEC Region
12-13 December 2017
Thailand Science Park, Pathumthani, Thailand

Tuesday, 12 December

Agenda	
08.30	Registration
09.00	Opening Session and Workshop/Project Overview Welcoming Remark Representative from EGNRET Representative from Ministry of Energy, Thailand Opening Speech Group Photo
09.30	Keynote – Overview of biodiesel development in Thailand Mr. Yongyuth Sawatdisawanee Deputy Director General, Department of Alternative Energy Development and Efficiency (DEDE)
10.00	Coffee Break
10.30	Overview of biodiesel specifications from around the world Indonesia: Prof. Tatang Hemas Soerawidjaja, Head of Center for Research on Natural Resource Utilization, Institut Teknologi Bandung (ITB) Malaysia: Dr. Harrison Lau Lik Nang, Leader of Biodiesel Technology Group, Malaysian Palm Oil Board (MPOB) Republic of Korea: Prof. Ocktaeck Lim, University of Ulsan Philippines: Ms. Ruby de Guzman, Chief of Biomass Energy Management Division, Department of Energy (DOE) Thailand: Dr. Manida Tongroon, National Metal and Materials Technology Center (MTEC) USA: Mr. Steve Howell, National Biodiesel Board
12.30	Lunch

13.30	Concern from automotive makers for higher blend of biodiesel Representative from Japan Automobile Manufacturers Association (JAMA) Representative from Alliance of Automobile Manufacturers Representative from Engine Manufacturers Association (EMA)
14.45	Discussion on guidelines toward high biodiesel blend diesel <ul style="list-style-type: none"> Moderator will ask for opinion from participants on each technical specification
15.30	Coffee Break
16.00	Way forward for guidelines toward high biodiesel blend diesel <ul style="list-style-type: none"> Based on discussion from biodiesel producers and car makers, a way forward for guideline on high biodiesel blend diesel will be formulated.
17.00	Wrap up <ul style="list-style-type: none"> The moderator will provide feedback and recommendations on potential guideline. All the feedback will be compiled for further discussion.
18.00	Welcome Dinner

Wednesday, 13 December **Site visit (by invitation)**

One of the Thai biodiesel production plant