

Chapter 2

Outline of ERIA Energy Project

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2. OUTLINE OF ERIA ENERGY PROJECT

2.1. Objective

The objective of this project is to make a benchmark standard of biodiesel fuel in East-Asia. If it is possible, the distribution of good-quality biodiesel fuel and stabilize the economic infrastructure can be achieved.

Table 2.1.1 Introduction of biodiesel fuel

Country	Mixing ratio	Main Feedstocks	Strategy / Goal
Malaysia	2-5%	Palm	National Biofuel Policy, 2006 /B5
Indonesia	up to 10%	Palm	National Energy Program / Biodiesel fuel usage 47 million kL in 2025
Thailand	B2 (2008) B5 (2011) B10 (2012)	Palm	Biodiesel Development and Promotion Strategy / Enforce nationwide B2 in April, 2008, B5 in 2011, B10 in 2012
Philippines	B1 (2007) B2 (2009)	Coconut	Biofuel Law 2006 On going research Jatropha
India	5%	Jatropha	Jatropha biodiesel fuel demonstration 2005-2007 Jatropha biodiesel fuel introduction 2011-2012
China	5% 20%	Used food oil Jatropha	Now under consideration in biodiesel fuel standardization



Palm



Rapeseed



Soybean



Coconut



Jatropha



Waste cooking oil

Fig.2.1.1 Main Biodiesel Materials in each country

2.2. Procedure

To make a benchmark standard of biodiesel fuel in East-Asia, Working Group (WG) for discussions is established. The points of discussion are follows.

- Share the same recognition concerning the importance of ensuring biodiesel fuel quality and the basic measurements for biodiesel fuel standardization.
- Study the characteristics of biodiesel fuel and current situation in each country, and gather the necessary information in order to formulate biodiesel fuel standards.
- Focus on Japanese standards (biodiesel fuel 5%) as a typical example.
- Japan Automobile Manufacturers Association and Petroleum Association of Japan agree to cooperate on this activity.

2.3. Schedule

Figure 2.3.1 shows a schedule of the WGs with EAS (East Asia Summit)-related meetings. Four times of WGs were held.

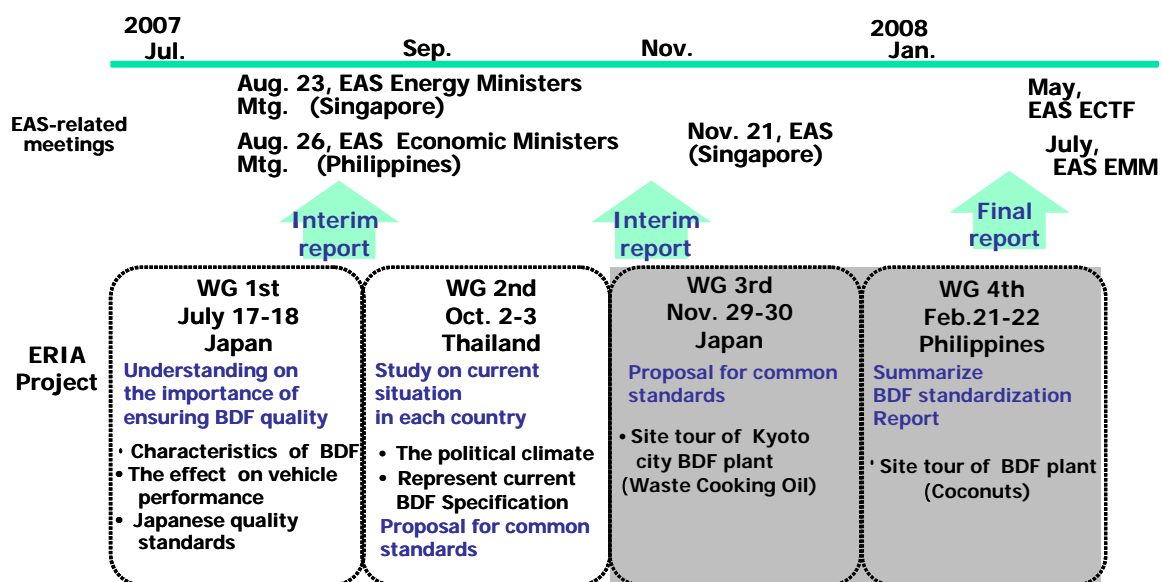


Fig. 2.3.1 Final schedule of the WGs