

# Chapter 3

## Implication/Expected Result/Future Development of This Study

2009

**This chapter should be cited as**

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### 3. IMPLICATION/ EXPECTED RESULT/ FUTURE DEVELOPMENT OF THIS STUDY

As results of the WG discussion in FY2008, the WG will draft a “Biodiesel Fuel Trade Handbook”, with tentative contents as follows:

- (i) Introduction
- (ii) Energy Situation in the World
  - ✓ Increase of Energy Demand
  - ✓ Trend of International Energy Prices
  - ✓ Global Environmental Problems
  - ✓ Biofuels
- (iii) Biodiesel Fuel Standardization Activities
  - ✓ EAS-ERIA Biodiesel Fuel Standard
  - ✓ World Wide Fuel Charter – Biodiesel (B100)
  - ✓ Measurement Method of Biodiesel Fuel Characteristics
- (iv) Biodiesel Fuel Quality
  - ✓ Oxidation Stability
  - ✓ Fluidity
- (v) Potential of Other Feedstocks
  - ✓ Jatropha Curcas L.
  - ✓ Rice Bran

- ✓ Microalgae
- (vi) Importance of Quality Control and Market Acceptance (Case Studies in Member Countries)
- (vii) Current Status of Biodiesel Fuel in East Asia and ASEAN Countries
- (viii) Trade and Market Dynamics of Biodiesel
- (ix) Future Vision
  - ✓ Next Generation Biofuels
  - ✓ Sustainability of Biofuels