

# Chapter 2

## Methodologies

2009

**This chapter should be cited as**

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## 2. METHODOLOGIES

The methodologies to deliver the Biodiesel Fuel Trade Handbook are mainly focused on interactive discussions among expert members in the meetings, which were held four times during FY2008. During each meeting, specific topics have been addressed, and often the meeting invited other local experts to share their experiences. Furthermore, technical visits were arranged for expert members to see the real things. Lastly, the content of the handbook has been discussed and assigned to respective member experts for contribution with periodic updates. In summary, there are three steps.

### (1) Discussion

- Continuous discussions: Oxidation stability (6-10 hr.), Iodine number, Polyunsaturated FAME and so on.
- Determination of how to control the biodiesel fuel quality on each country's real market

### (2) Feasibility study

- New inedible feedstock for biodiesel fuel was introduced via technical site visit (*Jatropha curcas*)

nursery, experimental plantation plus small scale processing in Indonesia)

- Survey the possibility of inedible materials, e.g. Jatropha, Micro-Algae

(3) Making a “Biodiesel Fuel Trade Handbook” to include all results of discussion and feasibility study conducted over the year.