

LCA in ASEAN Biomass Project

Background of Today's Discussion

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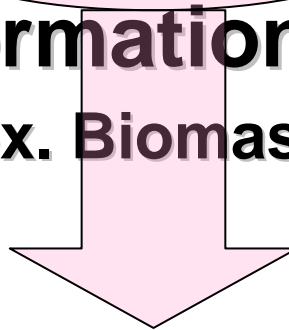
ASEAN Biomass Project

- **FY 2004-2006**
- **METI, MOAFF, MEXT, etc. (all Japan)**
- **Technology Development
Evaluation Methodology**

environment, economy, culture, etc.

Information Exchange

ex. Biomass-AISA w/s



LCA for Biomass Utilisation

Country	Organisation	Biomass	Products	Env.	Remarks, Desirable Partners
Thailand	MTEC/ NSTDA	Sugar Cane Cassava	Ethanol "	GHGs	NSTDA Biomass Group
Thailand	TEI	Rice Husk	Electricity Si for Cement	GHGs	Cement Industry
Singapore	NUS	Wood	Electricity	GHGs (SOx, NOx?)	(tentative)
Indonesia	IPLHI	Rice Husk, etc. Sugar Cane Cassava Palm Oil	Electricity Ethanol, Bio- degradable Plastics, etc.	GHGs	Ministry of Environment
Malaysia	SIRIM	Palm Oil	Energy & Materials	GHGs	Malaysian Palm Oil Board
Philippines	DLSU	Palm Oil Coconut Rice Husk, etc	Energy & Materials Bio Fuels "	GHGs	IRRI, National Coconut Research Centre, DLSU



**1st Meeting LCA in ASEAN Biomass Project
28th Oct. '04, Tsukuba, Japan**

Mile Stones for the Project (Draft)



- **Nov. 2004; Identification of Investigation**

Considering biomass resources condition of each country, Target biomass and the products from it should be decided.

Draft of the Goal and scope of LCA should be shown.

- **March 2005; Implementation Plan**

Necessary data and their source/location, methodology, expected supports, etc. should be shown with schedule plan to start actual and effective data collection and analysis.

- **Sept. 2005 Interim Report Exchange**

Each country is required to report the progress of each case study. Discussion for the reports and exchange of the data are expected to boost their implementation.

- **Feb. 2006 Case Study Report Exchange**

Each country is required to report the results of each case study. Through the discussion of the results, additional investigation, appropriate interpretation, further discussion, etc. can be found.

- **Sept. 2006 Final Report Exchange**

Exchanging the final results of each case study, each country can share the knowledge of environmental aspects of biomass utilisation. Applying the knowledge for their own fields, all the participants are expected to propose appropriate policies to each country. Workshop is expected for exchanging and understanding the results.

- **March 2007 Publication of the Case Study Report**

Contents should be discussed among the participants.