

6th Biomass-Asia Workshop

Summary of Discussion for Day-1

Akira YABE

AIST

1. Potential of Biomass Energy in Asia

Asia is Largest in the World= 2.3Billion Oil Eq.

	Policy	Potential (Waste Biomass)
Indonesia	5%	99%(Power Generation)
Thailand		16%
China		14%

2. Research and Development for 6 years of Biomass-Asia Workshops

AIST R&D for these 6 years

Environment-friendly Pretreatment Method

Successful Mini Plant Demonstration

LCA Analysis for Sustainability

Economical Evaluation by Use of Payback Period

Biodiesel Fuel Standardization

NEDO International Projects

Creation of Biomass Energy Industry in Asia

Jatropha has become more promising

3. Much Attention and Enough Care to:

(a) **Conventional Biomass Usage and Poverty Reduction**

Small Scale Biomass utilization for Rural Area in Developing Countries

(b) **Land-Use-Change (LUC)** for CO₂ Emission

Forest to Cropland

(c) **Social Impact of Biomass** as Sustainable Index

including Education

(d) **Food and Fuel Security**

(e) Not to Violate **Biodiversity**

(f) For the Agreement of **LCA Estimation of GHG Emission**