

Technical Session 4: Creating for Biomass Energy Investment – Public-Private Cooperation and Private Sector Perspectives

Introduction

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JIRCAS Collaborations on Biomass Utilization

Policy making

- * International organization: IRENA

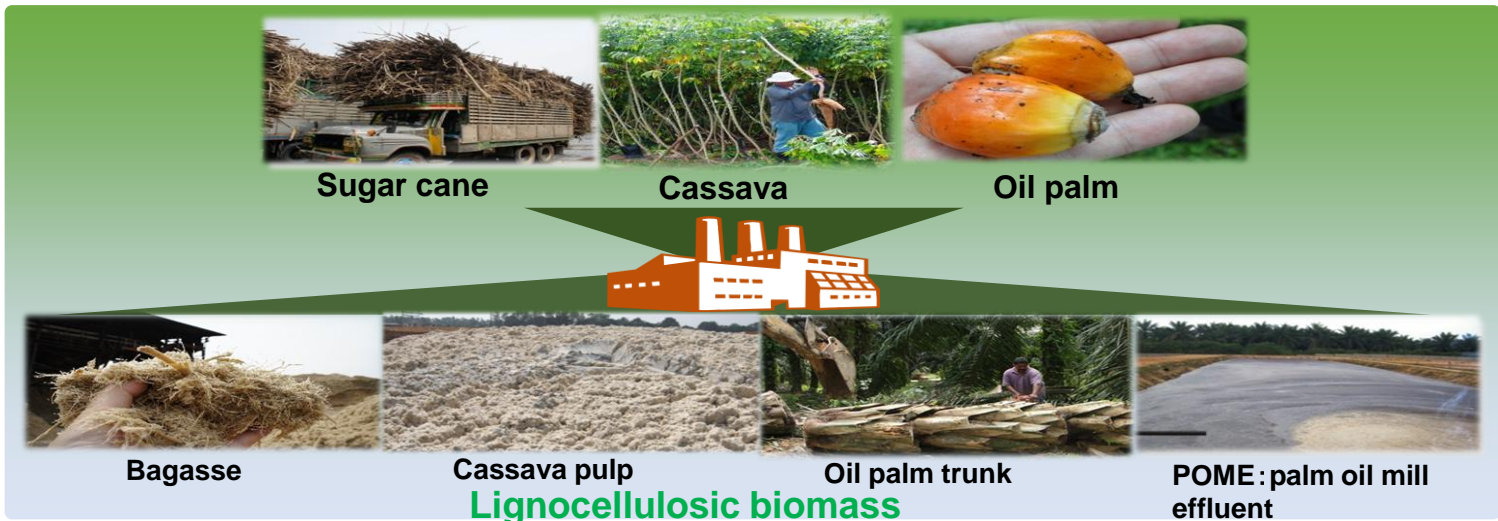
(under collaborative research project supported by MAFF, Japan)

Research collaboration on utilization of agricultural waste

Such as Oil palm trunk, Cassava pulp, Sugarcane bagasse ...

- * Private sectors

- * Universities (in Thailand, Malaysia, Indonesia, Lao PDR)

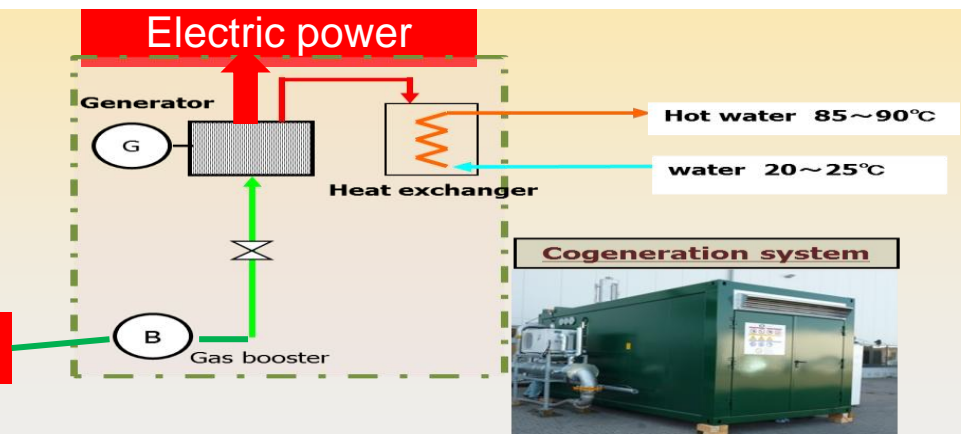
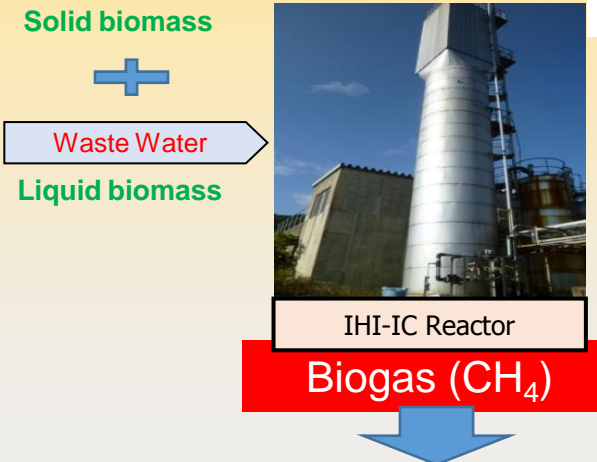


Development of biological saccharification



- Eco-friendly pretreatment
- Microorganisms
- Continuous reactor system

Development of AGRI+CHEMICAL Process



Renewable bio fuel ; CNG, H₂, GTL, Dry pellet



Concept: Public-Private Cooperation

- * The Asia-Pacific region have a huge Biomass energy potential
- * Limited technical expertise - Policy instrument
 - Potential market opportunities

➡ Cross-border transfer of skills, knowledge and technologies

➡ Growth of biomass energy generation

Session 4: Presentations

- * Trends in biogas utilization: IRENA
- * Palm waste utilization (Business model): IHI Asia Pacific
- * Cassava waste utilization (Research and development): KMUTT
- * Animal waste small scale utilization (Biogas utilization system): VPOVN, Viet Nam

Discussion