

# *Biomass Fuelization Technology*

## **JS' challenge up to now**

### 1. Technology development and evaluation

- Joint research with private companies
- In March 2008, JS Technology Evaluation Committee (Chairperson: President Matsuo of Toyo University) reported its appropriateness for a practical application.

### 2. Establishment of guidelines for thermal performance evaluation

### 3. Marketing development

- Joint researches with promising biomass consumers, such as Tokyo Electric Power Company Holding and Electric Power Development Co.,Ltd
- Information sharing with nationwide business operators

### 4. Feasibility study for 21 cases

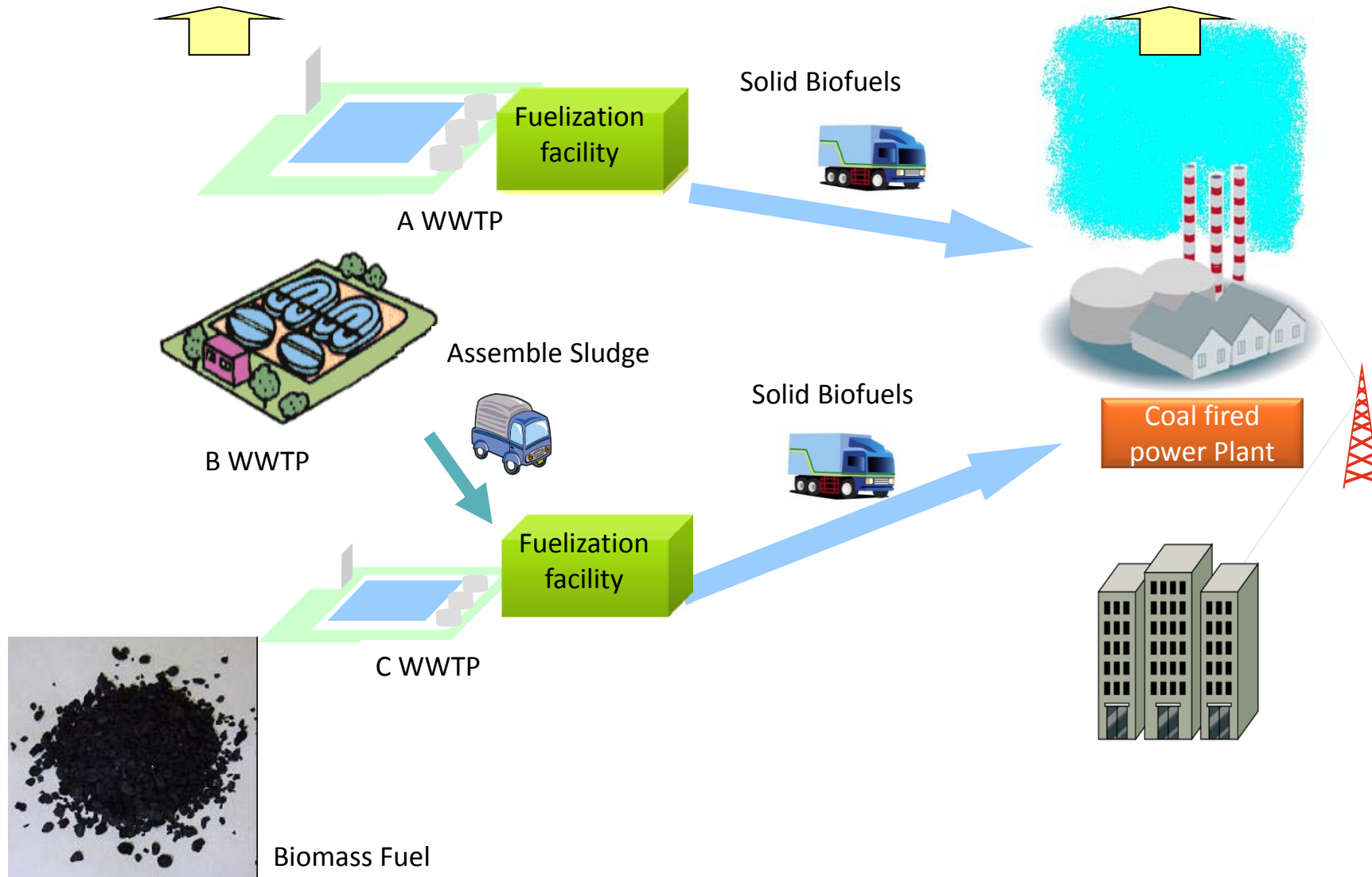
### 5. Practical business planning

### 6. Encouragement of biomass fuelization project for 7 cases

# Biomass Fuelization System

Sewerage administrators needs  
Stable sludge disposal

Power company needs  
Reduction of greenhouse gas emission



# Biomass Fuelization Facilities



① Development of Carbonization system for sewage sludge fuelization



② Development of sewage sludge fuelization technology adaptable to coal-fired power plant



③ Development of biomass energy utilization technology