

Project Period

Aug. 31, 2017 – Aug. 30, 2023 (6 Years)

Purpose

- Produce liquid fuels from biomass (B to L)
- Develop catalyst

Background

- Reduce CO2 gas
- Decrease the import of fossil oil
- Use renewable energy by local resources

Overall Goal

The technologies for alternatives to fossil fuel are utilized for creating as bases to industrialization

Output

1. A synthesis gas production technology from biomass and waste resources is developed.
2. Production technologies such as biofuel by catalytic conversion are developed.
3. Proposals for social implementation are made by verification of the Project products and formulation of a whole system.

Project website

English



日本語

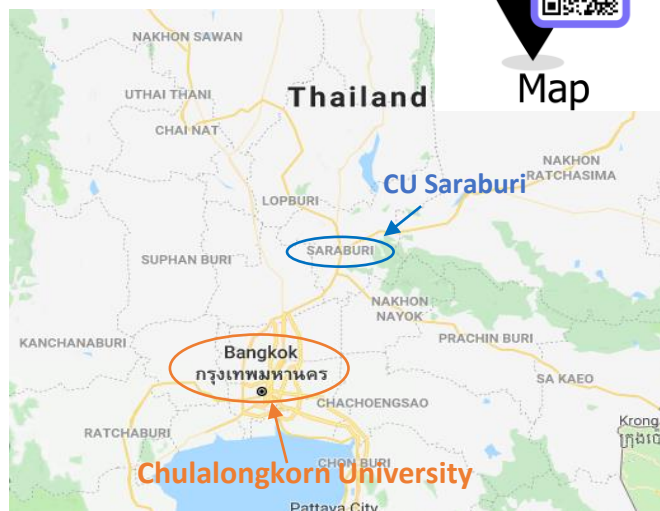


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Technical Cooperation Project for

“Comprehensive Conversion of Biomass and Waste to Super Clean Fuels by New Solid Catalysts”

Funded by

Japan International Cooperation Agency (JICA)

Japan Science and Technology Agency (JST)



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- Suan Dusit University
- Thammasat University
- E-square green innovation co. ltd
- Northern Renewable Energy Co., Ltd. (NRE)
- PTT Innovation Institute
- Union Petrochemical PCL
- SEPCO Industries Company Limited
- TSM Group

Japan

- University of Toyama
- Japan Carbon Frontier Organization (JCOAL)
- ENEOS Corporation
- Tomoe Shokai Co., Ltd.

