

RDG-06-17: Study on the Expansion Plan of Bio-Diesel for Transportation in Asia-Pacific Region

Project

Due to the concerns on stable supply of rapeseed and soybean oils for conventional biodiesels, the study on the biodiesel production using the conventional raw materials such as Jatropha is underway. There exists the significant gap among the countries in Asia-Pacific region, in terms of the infrastructure for biodiesel use and distribution. It is needed to strengthen the infrastructure through the analysis measure on biodiesels made from conventional and new raw materials, standardization of handling criteria, standard preparation etc.

Participation

Manager

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Partners

Japan (Kyoto University)

China (Guangzhou Institute of Energy Conversion)

Objectives

Standardization of analysis technology and characteristics analysis of biodiesel depending on the materials.

Solutions to biodiesel's problems regarding its climate condition and share of the results of demonstration research on its application on each country's vehicles.

Sharing experience with building the infrastructure for distribution of biodiesel.

Milestones

Year 1 Standardization of analysis technology and characteristics analysis of biodiesel

Year 2 Identification of solutions to biodiesel's problems regarding its climate condition.

Year 3 Share of experience of infrastructure building for the distribution of biodiesel.

Location

Daejeon, Korea and other participants' places

Resources

Total: 4.5 M USD

Cash: 2.7 M (from Partner countries), in-kind: 1.8 M

* Budget is to be allocated among participants and may vary according to the participants' consultation