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Suzuki Starts Biogas Demonstration Project in India

- Memorandum of Understanding signed with Indian government agencies -

- Contribute to the formation of a Carbon Neutral and Sustainable Society in India -

Suzuki Motor Corporation (SUZUKI) has signed a memorandum of understanding with the Indian government agency National Dairy Development Board (NDDB), to start a Biogas Demonstration Project which would accelerate carbon neutrality in India.

SUZUKI and NDDB will study business model for the future commercialization of biogas and its potential for widespread use, in view of establishing a joint venture.

In India, there are many cows whose dungs contain methane that have 28 times larger greenhouse effect than those of CO_2, which are emitted into the atmosphere. The project will consider suppressing atmospheric emission of methane and refining fuel for automobiles from methane contained in cow dung.

CO_2 in the atmosphere is taken into pasture by photosynthesis, and pasture becomes food for the cows. Methane included in dungs egested from cows are emitted into the atmosphere, so by collecting dungs and refining fuel for automobiles through artificially generating biogas, methane emitted into the atmosphere can be suppressed. As this fuel derives from CO_2 emitted into the atmosphere, this is a carbon neutral fuel.
The residue from the biogas can also be used as organic fertilizer, contributing to the organic fertilizer promotion policy by the Government of India.

By establishing such a business model and deploying it throughout India, we believe we can contribute not only to achieving carbon neutrality but also to revitalizing rural communities, creating new jobs, recycling waste, improving energy self-sufficiency, and creating a recycling-oriented society.

SUZUKI's President Toshihiro Suzuki said "While aiming to realize carbon net zero in India, SUZUKI will also contribute in revitalizing rural communities and improving energy self-efficiency."

Overview of Biogas Demonstration Project