Project Formation Study「Utilization of Sorghum to produce Sustainable Aviation (SAF)」【Report】

This project is an initiative in which JCCP and OQ (Oman's state-owned integrated energy company), with the participation of Chubu Electric Power Co., Inc. and JGC Corporation aim to produce Sustainable Aviation Fuel (SAF) using sorghum, a member of the grass family, as a raw material. Sorghum features high environmental tolerance and rapid growth rates, possessing an ethanol production capacity equal to or greater than that of sugarcane.

Sorghum sowing operations were completed in September 2026. A sorghum cultivation test field was established at a Nama Water Services (*1) section located along the Gulf of Oman, approximately 40 km west of Muscat, the capital of the Sultanate of Oman.
If the sorghum successfully grow, it is expected to reach 3 to 4 meters high by the end of December.

Before sowing, OQ visited JCCP on August 7 with Ms. Aisha Sahar Al-Kharusi, Charge d'Affaires ad interim of the Embassy of the Sultanate of Oman in Japan. On this occasion, OQ and Chubu Electric Power Co., Inc had discussions with JCCP regarding the field. She was also present at the meeting, and expressed her support for this project.

*1) Nama Water Services : The official public utility provider responsible for water services across Oman



September 2026 Sorghum sowing operations



August 7,2026 Discussion at JCCP



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