



Exeo Kyowa Corporation JP-Furudono Kombi Power System®



THE OBJECT

For more than 15 years, our cooperation partner Polytechnik has also had a partnership with the Japanese plant construction company Kyowa Exeo Corporation from Tokyo. After several biomass combustion and boiler plants, the decision has now been made to invest in a first wood gas power plant, and this, significantly, in the province of Fukushima. This is a clear sign of the energy turnaround!

This decision was preceded by several tests on our test gasifier with the fuel Japanese cedar. In the first stage of expansion, a gasifier system is now going to be built in Furudono (Ishikawa district) to drive a gas engine with 990 kWel. After successful demonstration and test operation, the construction of a second expansion stage with a further 990 kWel is planned for 2022.

Due the fact that in Japan the water contents in the wood reach up to 60% and the Kombi Power System can process biomasses with high water contents even without drying, Exeo sees great opportunities for further marketing of the counterflow gasifier technology in Japan.



DETAILS

Client:	Kyowa Exeo Corporation
Contact:	Herr Kikuchi Iwao, Tel. +81 35778 104
System Engineering:	ReGaWatt GmbH und Polytechnik Luft- u. Feuerungstechnik GmbH
Total Investment:	app. 7,3 Mio. €
Period:	BA 1: 09/21 – 04/22