



Press release

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Spanner Re²: 1.75 MW_{el} wood gasification large-scale project to Kumamoto

At the end of this year, the Lower Bavarian plant manufacturer Spanner Re² GmbH delivered 28 wood power plants with a total output of 1.75 MW_{el} and over 3 MW_{th} with complete wood chip logistics as well as conveyor and discharge technology to Japan.

Neufahrn i. NB. Spanner Re² has been committed to generating electricity and heat from wood for over 10 years. Over 800 of the proven wood-power plants are in use worldwide and generate CO₂-neutral energy from biomass.

Proven wood gasifier and wood gas cogeneration plants "Made in Germany" neutral energy.

The globally proven wood gasifier and combined heat and power plants as well as the entire periphery are manufactured in the Lower Bavarian plant in Neufahrn. The major Japanese order, which is in the high single-digit million range, has already been included in the production plans: production of the first systems will begin in the next few weeks. The plants will be shipped to Hinagu Biomass in Yatsushiro in Kumamoto Prefecture by means of an overseas container at the end of this year. Spanner Re² will install and commission the 28 wood power plants in spring 2021.

"We have already implemented several large cascade projects with our technology, one of them in Japan," reports Thomas Bleul, Managing Director of Spanner Re² GmbH. "Mr. Masaki Iwahara has looked at various CHP plant manufacturers worldwide. The decisive factors for him when placing the order were the demonstrably long running times of our systems and our many years of experience in manufacturing and project planning," said Bleul. "We look forward to working together and to implementing another ecologically and economically convincing project with our wood gas technology in Japan," the managing director continued.

Wood gasifiers will in future supply greenhouses with green heat

As part of the project, newly built greenhouses for growing fruit and vegetables are being built in Yatsushiro. The energy-intensive plantations are supplied with the heat of the wood-power plants. The plants use the principle of combined heat and power to generate both heat and electricity from the renewable energy source wood. This is fed into the public power grid for remuneration, which enables the customer to generate an additional source of income.

Halls for wood gasifiers have already been completed

The hall in which the wood gasifiers and their peripherals are installed has already been completed and is in close proximity to the greenhouses, which ensures particularly short and efficient supply routes.

Caption: The hall built in Iwahara, in which 28 wood power plants from Spanner Re² GmbH with an output of 1.75 MW_{el} and approx. 3 MW_{th} will be delivered towards the end of this year. Source: Spanner Re² GmbH
