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Kesennuma, 17 March 2016



During this memorable Friday, another A.H.T.'s gas and power generation plant experienced its official grand opening in Kesennuma, a town located at the North Pacific shoreline in the Northern part of Japan's main island, Honshu. With a capacity of 800 kW<sub>el</sub>, the plant utilises wood remains from the surrounding forestry and is able to support 1,500

households with electricity and two hotels with heat. The plant already proved its performance of so far 8,000 hours in operation.

After the Tsunami hit Japan's Pacific shoreline in 2011, Mr Takahashi, owner and operator of the plant, followed his goal towards a decentralised and independent sustainable power supply for his home town – which now became reality. As member of the local reconstruction committee, he initiated Japan's only functioning biomass-to-energy plant of that size based on the efficient and proven A.H.T. twin-fire technology. Not only the environmentally friendly power generation, but also the diversification of the local economy contributes to the success and the opportunities deriving from sustainable power and heat generation: Kesennuma's economy bases largely on fishery that declined during the 2011 event and now experiences a growth by the activities of a sustainable forest management and logistics to supply the plant with the required input material.

The event was attended by the mayor of Kesennuma, alongside with members of the prefecture's local government and major companies active in the fields of sustainable power generation.

"This gas, heat and power generating plant serves as a role model for the region – not only demonstrating A.H.T.'s competence in clean gas and power generation solutions but also shows the economic and social implications, decentralised power generation bears", stated Mr Gero Ferges, CEO of A.H.T. Syngas N.V. and Mr Masaki Takahashi.

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