

Media release, 6 October 2020

Moscow to Have EfW Plants at all Cardinal Points

Russia Once More Chooses Hitachi Zosen Inova Technology.

The contract to build two more EfW plants in the Moscow area marks yet another success for Hitachi Zosen Inova in Russia and a move that brings the country a major step forward in terms of implementing its programme to landfill diversion, increase recycling and promote renewable energy. The plants will treat around 2.8 million t/a of household and municipal waste to supply 1.5 million people in the Russian capital with electricity.

On 28 September 2020, Alternative Generating Company (AGC-1) gave Hitachi Zosen Inova (HZI) and its Russian consortium partner, Atomenergomash subsidiary ZiO-Podolsk, notice to proceed with the construction of two additional energy-from-waste (EfW) plants in the Moscow area. Following contracts for plants in Voskresensk (to the south) and Naro-Fominsk (to the west), construction of the two latest installations in Noginsk (to the east) and Solnechnogorsk (to the north) will take the total to four. Together these plants will play a key role in efforts to discontinue the use of landfill and implement Green Tariff, a nationwide programme launched in 2017 to promote renewable energy.

“EfW plants are the most high-tech projects of RT-Invest, and we selected the best technologies for their implementation. Together with Hitachi Zosen Inova, a high-level international partner, we will build 4 plants with a total capacity of 2.8 million tons of waste in the upcoming years. Integration of EfW technology is a necessary step in implementing a progressive and sustainable waste management economy in Russia,” said RT-Invest’s CEO Andrey Shipelov.

Safe Waste Treatment and Support for the Local Economy

“For the Moscow area the switch from landfill to state-of-the-art EfW technology marks a major step in terms of efficient, hygienic, environmentally-friendly waste management,” explains HZI’s CEO Bruno-Frédéric Baudouin. “We’re proud to be supplying our highly developed technology – which not only meets, but often even undercuts, the most stringent emissions requirements – and thus contributing to Russia’s efforts to establish safe waste treatment.”

The four plants will eventually process 2.8 million tonnes (700,000 tonnes per plant) of municipal and commercial waste from the Russian metropolis a year to generate a total of 280 MW of electricity, enough for around 1.5 million inhabitants, to be fed into the grid.

The four major construction sites are also an important driver of the economy in the Moscow area, with a large part of the technology components manufactured and delivered by local producers and suppliers. During construction the sites will also provide temporary work for several thousand people, plus several hundred permanent jobs after commissioning of the plants. Construction on the two new plants will begin in the next few weeks.

Further information about the former projects can be found in the media releases for [Moscow 1](#) and [Moscow 2](#).

About Hitachi Zosen Inova

Zurich-based Hitachi Zosen Inova (HZI) is a global leader in energy from waste (EfW), operating as part of the Hitachi Zosen Corporation Group. HZI acts as an engineering, procurement and construction (EPC) contractor and project developer delivering complete turnkey plants and system solutions for thermal and biological EfW recovery. Its solutions are based on efficient and environmentally sound technology, are thoroughly tested, and can be flexibly adapted to user requirements. HZI's Service Group combines absolute commitment to research and development with extensive manufacturing and assembly capabilities and looks after your plant throughout its entire life cycle.

The company's customers range from experienced waste management companies to up-and-coming partners in new markets worldwide. HZI's innovative and reliable waste and flue gas treatment as well as gas upgrading and power-to-gas solutions have been part of over 600 reference projects delivered since 1933. To find out more about HZI, please visit www.hz-inova.com.

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