



**20<sup>th</sup> May 2021**

### **A new state of the art Energy from Waste Combined Heat and Power (EfW CHP) facility starts operations in Dundee.**

Having successfully completed all commissioning tests, the new MVV Environment Baldovie (MEB) EfW CHP facility in Dundee has now started operations and is sustainably generating energy. The new EfW CHP facility, located in the Baldovie industrial estate, has been under construction for the last three years after suffering slight delays due to the COVID-19 pandemic.

The new EfW CHP facility will process approximately 110,000 tonnes of residual municipal, commercial, and industrial waste as fuel for the generation of useful energy. Around 70% of the capacity, will be used to treat the residual waste for Dundee City and Angus Councils, thereby providing a more environmentally sustainable waste treatment solution for the Councils by minimising the amount of waste going to landfill.

The thermal treatment process will generate approximately 40 MW<sub>th</sub> steam which will be converted up to 10.5 MW<sub>e</sub> of electricity. The heat and electricity generated will be used for space heating and future industrial processes in the new Michelin Scotland Innovation Parc to replace the need of fossil fuel. The remaining electricity will be fed into the National Grid.

In November 2020, SEPA approved MEB's application to vary the environmental permit to allow parallel operation of the current facility and the new EfW CHP facility. Collectively, these facilities have created an additional 30 jobs on sites and have a capacity of processing approximately 200,000 tonnes of residual waste per annum.

As well as playing a crucial role in environmental sustainability and the circular economy, MEB's facilities are essential for Dundee City and Angus Councils in complying with the upcoming landfill ban for residual waste, realising the Global Covenant of Mayors' target of 40% reduction in greenhouse gas emissions by 2030, and the Scottish Governments' target of achieving net-zero greenhouse gas emissions by 2045 or sooner.

Paul Carey, Managing Director, said *"We at MEB are extremely proud to see our newest facility in the UK now up and running alongside the existing facility which we have been running since 2017. As well as protecting and creating jobs, we are able to help Dundee and Angus divert waste away from landfill and supply useful energy to the local area."*



Press queries may be directed to Paul Carey, Managing Director, on 07768 842715.

Note to Editors

**About MVV**

With a work force of almost 6000 employees and an annual turnover of around € 4 billion, MVV's core business comprises the distribution of energy, natural gas and water in Mannheim and other cities, the generation of Energy from Waste (EfW) and other energy projects with a focus on renewables such as onshore wind power and energy efficiency.

MVV Umwelt, a subsidiary company of MVV, has over 50 years' experience in building and operating waste management facilities in Germany, and is one of the top three companies in Germany in its field. "Umwelt" is the German word for environment, so it operates as MVV Environment in the United Kingdom. In Germany, MVV Umwelt operates five EfW (taking residual household waste) and three Biomass (taking waste wood) facilities, treating 1.9 million tonnes of waste and biomass a year.

MVV entered the UK market in October 2008, bidding primarily for public sector waste contracts across the country. Now established as a responsible and growing group of companies in the UK, MVV operates three EfW and Biomass facilities treating over 600,000 tonnes of household residual waste and biomass a year.

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