



**10<sup>th</sup> February 2022**

## **Winners of the 2021 Challenge Fund**

MVV are delighted to announce the following schools as the winners of the 2021 Challenge Fund which aimed at providing up to £11,500 to schools in Dundee and Angus for projects in the areas of engineering, construction and waste reduction.

- Forfar Academy
- Joint application from schools in Dundee i.e. Ancrum Road Primary, Clepington Primary, Claypotts Primary, Rosebank Primary, Eastern Primary, Barnhill Primary, Forthill Primary

In addition to receiving the Challenge Fund awards, the winning schools have been invited to visit the Energy from Waste Combined Heat and Power Facility and learn about sustainable waste management. For more information about the fund and future applications please contact our Community Liaison Manager, Mimi Mwasame on 07966 216041 / [mimi.mwasame@mvvuk.co.uk](mailto:mimi.mwasame@mvvuk.co.uk).

### Note to Editors

#### **About MVV**

With a work force of about 6400 employees and a turnover of € 3.9 billion in 2021, MVV Energie'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 Energie, 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 Scotland and England. In Germany, MVV Umwelt operates five EfW (taking residual household waste) and Biomass (taking waste wood) facilities, treating 1.6 million tonnes of waste and biomass a year. In the UK, MVV Environment operates two EfW and Biomass facilities treating over 400,000 tonnes of household residual waste and biomass a year.



### **What do we do in Scotland?**

In November 2017, MVV entered into a contract with Dundee City and Angus Councils to manage their residual waste (that is waste left over after recyclable materials have been removed). It is a long-term contract under which MVV will operate both the old energy from waste facility and the newly built modern energy from waste combined heat and power (EfW CHP) facility next door.

Having successfully completed all commissioning tests, the new MVV Environment Baldovie (MEB) EfW CHP facility in Dundee has now started full operations and is sustainably generating energy. The new EfW CHP facility, located in the Baldovie industrial estate, has been under construction for the last four 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 MWth steam which will be converted up to 10 MWe of electricity. The heat and electricity generated will be available for space heating and future industrial processes in the new Michelin Scotland Innovation Parc. 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 existing facility and the new EfW CHP facility. Collectively, these two facilities have created additional jobs with a team on site now numbering almost 60, and have a combined 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 assist Dundee City and Angus Councils in complying with the upcoming landfill ban for residual waste and the Scottish Governments' target of achieving net-zero greenhouse gas emissions by 2045 or sooner.

Press queries may be directed to Paul Carey, Managing Director on 07768 842 715