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## **Plymouth Energy from Waste CHP Facility starts operations**

**Total of €250 million invested in sustainable, efficient energy supply – Project has already been awarded five national awards**

Having successfully installed the final steam and electrical connections to HM Naval Base Devonport, the Plymouth Energy from Waste Combined Heat and Power Facility at North Yard, Devonport, has now started continuous operations and is sustainably generating energy.

“This facility is among the top plants of its kind in Europe with regards to energy efficiency and technical standards”, says Paul Carey, MD of MVV Environment Devonport. “It offers a highly modern, clean and sustainable solution for the waste from Plymouth, Torbay and South Devon and uses the energy stored in the refuse to generate electricity and steam.”

Total construction time of the facility was just over three years. During this time, as well as during the planning phase, the developers maintained a constant dialogue with the public about the project.

During its development, the EfW CHP Facility has received a number of prestigious prizes. In 2012, it was awarded the Grand Prix for the best national Public Private Partnership project. During construction, the Considerate Constructors Scheme awarded their National Site Award 2014 to the development for outstanding consideration for the community and construction site management. The environmental benefits of the project were recognized by a Bronze Award at the 2014 Green Apple Environmental Awards and a Defence Infrastructure Organisation Sanctuary Award in October 2015. Finally, the Association of Decentralized Energy (ADE) recently awarded the project the 2015 ADE Public Sector award for its energy merits and innovative approach.

“These accolades show that we have successfully planned and realised a project that is environmentally sound and offers real benefit to our local council and MoD clients”, says Paul Carey. “Sustainability and a close link to the local community have always been main concerns during the development. Within the last four years, we have become an integral and acknowledged part of the Plymouth landscape.”

The facility will make use of around 245,000 tonnes per year of household, commercial and industrial residual waste. The waste originates from the communities of the South West Devon Waste Partnership, a partnership between Plymouth City Council, Torbay Council and Devon County Council. The Facility will generate around 190,000 megawatt hours of electricity and around 60,000 megawatt hours of steam for heating purposes per year. The energy is delivered to the neighbouring dockyard and Her Majesty's Naval Base Devonport. It replaces the natural gas-based heating energy generation there and thus cuts CO<sub>2</sub> emissions by around 77,000 tonnes a year.

Note to Editors:

MVV Environment Devonport Limited is an English registered company with its registered office in Plymouth. It is a subsidiary company of MVV Umwelt. Both companies are members of German utility company MVV Energie, whose headquarters are in Mannheim. MVV Umwelt provides flexible solutions for waste disposal, producing environmentally sustainable energy. In Germany, MVV Umwelt operates five Energy from Waste and biomass facilities, managing 1.6 million tonnes of waste a year. With over 45 years' experience, MVV Umwelt is in the top three companies in Germany in its field.

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