

## PRESSRELEASE

Heerlen, the Netherlands, November 19, 2018

### MIJNWATER Ltd.: LEAD PARTNER IN INTERREG NWE PROJECT *D2GRIDS* Upscaling of the Mijwater 5G thermal smart grid is granted.

**The Monitoring Committee of Interreg North-West Europe (NWE) has approved the proposal “D2Grids”, which was submitted by Mijwater Ltd. The 20 million EUR project is supported by Interreg funds, covering close to 60 % of the overall budget, summing up to ample 11,6 million euros. Mijwater Ltd. will operate as lead partner within the project. The project aims to upscale the proven technology from Mijwater 5th generation District Heating and Cooling (5G DHC) network within the Parkstad Limburg region and in various pilot sites across NWE situated in Paris (FR), Bochum (GE), Glasgow and Nottingham (UK).**

The funding was provided through a Targeted Call on Renewable Energy with an earmarked budget of 50 million euros. The committee awarded four out of nine applications. D2Grids is an acronym for ‘demand driven grids’. In contrary to conventional district heating grids, the development in Heerlen aims to build a thermal smart grid on low temperatures. By a cloud of decentral heat pumps, located at end-user accommodation, energy is exchanged on the grid. Surpluses of cold and heat are taken back and forwarded to other customers. Energy flows are induced through customer demands and not driven by central plants. The concept allows large scale utilization of low temperature waste heat, like from data centres, supermarkets, industry, etc. Upscaling the technology - boosted by transnational cooperation - enables the consortium to raise the interest of the industry to develop the right products and reduce the costs with 10-20%. VITO in Belgium is a key project partner for industrialising the 5G DHC concept and to evaluate results. In the Parkstad Limburg region Mijwater cooperates with Weller Social Housing foundation in order to connect thousands of dwellings during their renovation process (following the PALET<sup>1</sup>-ambition). The partner pilot sites (in Paris, Glasgow, Bochum and Nottingham) aim to connect ca. 50.0000 m<sup>2</sup> of dwellings and/or commercial buildings to a 5G DHC grid. Moreover, the project will deliver plans to create further similar developments in Parkstad Limburg, North-East France, Luxembourg; Flanders, the Ruhr-area, Scotland and East Midlands (UK). The large scale approach results in major investments in infrastructure and labour. This causes the need for dedicated education and training programs, which will be set up by Open University in Heerlen. Open University is a partner in the project bringing in expertise on post-graduate and digital learning. The investments reach a level on which big investors, like pension funds, may show interest. Asper-IM from London will participate by introducing business models and knowledge platforms for the financial markets.

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<sup>1</sup> Parkstad Limburg Energy Transition

Commissioned by Mijnwater the application was successfully constructed by EUQuest in Heerlen and Grants Europe Consulting in Budapest.

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Note for editors:

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*Find additional information on the Mijnwater technology at: [www.mijnwater.com](http://www.mijnwater.com)*