

# **Dimeta Announces Intended Location for its First Commercial Scale rDME Production Plant in Teesworks, United Kingdom**

*Company Committed to Bringing rDME to Europe and the US by 2024*

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Dimeta B.V., the joint venture of SHV Energy and UGI International, today announced the intended location of its first commercial-scale renewable dimethyl ether (rDME) production plant at Teesworks in the United Kingdom (UK). This marks a major step forward for Dimeta on its commitment to bring rDME, which is in advanced stages of production, to Europe and the United States in 2024.

“We are thrilled to announce Teesworks as the intended site for our first industrial-scale rDME production facility,” said Søren Jacobsen, Dimeta CEO, “The strong strategic alignment between the Teesworks management team, Dimeta, and LPG industry stakeholders has been crucial to the plant development so far.

Today there is an urgent need to bring rapid and affordable low carbon heating solutions to more than a million households and businesses in the UK that are not connected to the natural gas grid. rDME is an affordable drop-in fuel that can be safely blended into LPG and bioLPG with no change to existing infrastructure or used as a 100% replacement for other more polluting fuels. We will supply rDME at commercial scale from our Teesworks plant as a high-value and efficient alternative fuel for both individuals and businesses. The use of non-recyclable waste will reduce the UK’s reliance on imported fossil fuels and enables off-grid heating customers to lower their greenhouse gas emissions.”

Dimeta plans to produce 50,000 tonnes/year of rDME at the Teesworks production facility located in the Teesside area, which is one of the UK’s leading industrial clusters for de-fossilisation. Pending approvals, this will bring additional investment and employment opportunities to the local area. Dimeta expects to create more than 250 new jobs during construction and more than 50 skilled full-time jobs during the operational phase, which is expected by the middle of 2024. This crucial first step is part of a plan to introduce a viable new renewable product to the off-grid energy market, starting in the UK.

Highlighting Dimeta’s commitment to gain market acceptance and accelerate the use of rDME as a cost-effective renewable solution, Dimeta will introduce the first commercial molecules of rDME into the market later this year. KEW Technology is the provider of gasification technology to the first commercial rDME plant and a partner in its development.

## **About Dimeta**

Dimeta is a JV between SHVE and UGI International aiming to bring scale and critical mass to the rDME market by developing the market for rDME and opportunities to create production capacity. Dimeta will offtake all rDME produced in the first production plant, with the majority provided to the JV partners SHVE and UGI International, and at least 20% made

available to other LPG retailers in order to advance the de-fossilisation of the entire LPG industry.

## **Editorial Notes**

### **Renewable DME**

rDME is dimethyl ether produced from renewable and recycled carbon. rDME is a complementary liquid gas that can be produced from multiple renewable feedstocks. Being a safe, cost-effective and clean-burning fuel, rDME is a viable sustainable addition to the energy mix. It has a low greenhouse gas (“GHG”) footprint, reducing emissions by up to 85% compared to fossil fuel alternatives. In both pure and blended form, rDME can help the de-fossilization of LPG by becoming a sustainable alternative for off grid energy uses including heating, cooking and transport. It is highly compatible with existing infrastructure and equipment. Therefore, with limited incremental investments, rDME can help to quickly transition the LPG industry to a more sustainable future.

### **Supporting Photography**

Mr Ben Houchen, Tees Valley Mayor (centre right) shaking hands with Søren Jacobsen, Dimeta CEO (centre left) at the Teesworks site with Matt Johnson, Teesworks, Development Director (far right) and other team members.



### **Media Contacts**

Garrett Allen  
1.215.514.9207  
[garrett@hbmadv.com](mailto:garrett@hbmadv.com)