

GIDARA Energy is to build a Gasification Innovation Centre in Rotterdam together with TU Delft. The centre will have a pilot-scale gasification island where, from mid 2023, mutual research can take place on the "third generation" of HTW® gasification technology, with which biofuels can be produced from pure biomass/waste streams.

At GIDARA Energy, Dobrin's role is integral to our mission. His expertise in designing and optimizing gasification processes ensures that our HTW® technology is both cutting-edge and reliable. Collaborating with our team of experts, Dobrin continuously pushes the boundaries of what is possible in gasification, reinforcing our position as ...

GIDARA Energy is focused on converting waste feedstocks into sustainable fuels and circular chemicals using patented technologies. Our High-Temperature Winkler (HTW ®) gasification technology can be utilized to produce valuable ...

The plant, plans for which were revealed last year by GIDARA Energy and is due to become operational in 2024, is GIDARA Energy's advanced biofuels facility and will convert non-recyclable waste into advanced methanol. The plant is known as Advanced Methanol Amsterdam ("AMA") and is located in the BioPark, an industrial location in the Port of Amsterdam developed ...

GIDARA Energy's objective is to meet the demand for cleaner fuels, reduce global carbon emissions and create a more circular economy, with more advanced biofuel and biochemical facilities to come.

Discover how GIDARA Energy's gasification process and efforts can efficiently convert a wide array of sustainable feedstocks - from forestry residues and municipal solid ...

The term "non-recyclable waste" is an important driver for GIDARA Energy. For our first project in Amsterdam, we will only utilize feedstock that can't be economically recycled (RDF and non-recyclable B-type waste wood), currently being utilized for incineration.

About GIDARA Energy. Careers; Media Resources; Contact; Menu. History. 1970s. 1970 - Rheinbraun and ThyssenKrupp developed the pressurized version of the gasifier known as the High-Temperature Winkler (HTW®) process. Input. Waste; Biomass; Plastic Residues; Output. Methanol; 1986 - 1997. Commercial plant Berrenrath, Germany. 1986 - Input.

GIDARA Energy is pleased to announce the appointment of Dr. Norbert Kamp as its new Chief Executive Officer (CEO) effective MAY 1ST 2023. Dr. Kamp brings extensive experience in the renewable energy sector and is committed to continuing GIDARA Energy's mission of helping to achieve decarbonization of the



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industry.

Commissioning 1989 Years of Operation 1989-1992 Product Capacity Energy Production Utilized Feedstock Brown and Bituminous coal The facility in Wesseling was designed for testing the HTW gasification process at pressurized conditions up to 25 bar. The plant utilized around 7.700 kg/h of coal and mainly produced energy.

Commissioning 1999 Years of Operation 1999-2002 Product Capacity Energy Production Utilized Feedstock 20 tpd Municipal Solid Waste (MSW) The facility in Niihama was implemented for the demonstration of MSW gasification. The plant utilized low pressure (1.2 bar) and air as gasification agent.

By giving a second life to non-recyclable waste that is currently being incinerated or landfilled, GIDARA Energy is contributing to the circular economy by repurposing waste to replace fossil fuels. Below you can see AMA's circular Economy: Waste is separated in recyclable and non-recyclable waste

GIDARA Energy emphasizes maximizing reliability by utilizing the same size and configuration as applied in previous HTW facilities, which were operational for more than 10 years. The AMA facility will produce around 87.5 KTA (kilotons per annum) of renewable methanol by converting non-recyclable waste equivalent to that of 290.000 households ...

At GIDARA Energy, our commitment to sustainable and innovative energy solutions drives us to continually explore and refine our HTW gasification technology. One of the key advancements in this area is the use of pelletized waste feedstock, which significantly enhances the efficiency and reliability of our gasification process. ...

Founded in 2019, GIDARA Energy focuses on green technologies, acting as a bridge between combined waste and biobased feedstocks and the sustainable fuels and circular chemicals market; creating an integrated, green, and sustainable business.

GIDARA Energy's gasification technology enables the transformation of waste into valuable circular chemicals, reducing reliance on finite fossil resources and minimizing environmental impact. Regulatory Compliance. With an evolving regulatory landscape emphasizing bio-based plastics, gasification provides a flexible pathway to meet regulatory ...

GIDARA Energy is a renewable energy company that converts non-recyclable waste into syngas. The company was founded in 2019 and has its headquarters in Nootdorp, Zuid Holland. Products and Services. Powered by AI . Edit Products and Services Section. Product Name

GIDARA Energy is a pioneering company that specializes in adding value to various types of waste feedstock. Our innovative HTW technology is engineered to efficiently convert a wide range of waste materials into high-quality sustainable products.. GIDARA Energy not only tackles the pressing issue of waste



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management but also contributes to a more sustainable and ...

GIDARA Energy is therefore able to contribute to meeting future SAF demand, and importantly, also count towards the combined advanced biofuels/RFNBOs sub-target. Founded in 2019, GIDARA Energy focuses on green technologies, acting as a bridge between combined waste and biobased feedstocks and the sustainable fuels and circular chemicals market ...

Strong economic support for GIDARA Energy's Advanced Methanol Amsterdam (AMA) enterprise. We are thrilled to announce that our AMA project has been awarded the SDE++ subsidy by the Dutch government, a significant step forward in promoting sustainable solutions for advanced future fuels.

Schiphol, The Netherlands - GIDARA Energy is pleased to announce that it has secured a key environmental permit for its Advanced Methanol Amsterdam (AMA) facility, which is a major step forward in the company's mission of decarbonizing the industry. The environmental permit, granted by the province of Noord-Holland, allows GIDARA Energy to ...

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GIDARA Energy was founded in 2019. Where is GIDARA Energy headquartered? GIDARA Energy is headquartered in Schiphol, Netherlands. What is the size of GIDARA Energy? GIDARA Energy has 74 total employees. What industry is GIDARA Energy in? GIDARA Energy's primary industry is Energy Production. Is GIDARA Energy a private or public company ...

GIDARA Energy offers you its High-Temperature Winkler (HTW) technology for managing and repurposing waste sustainably. This technology upgrades various waste materials, extracting maximum value from them, which would otherwise contribute to environmental degradation. GIDARA Energy's three essential pillars are based on this advanced process.

Commissioning 1985 Years of Operation 1986-1997 Product Capacity 300 tonnes per day Methanol (~90 KTA) Utilized Feedstock Brown Coal, Sewage Sludge, Lignite, RDF, MSW, Wood, Coke, Plastic Residues The Berrenrath facility in Germany was commissioned in 1985 with the purpose of producing Methanol. Over the +10 years of operation, the plant achieved an ...



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