

Hygn energy





Overview

Who is hygn energy?

HYGN Energy Inc. stands at the cutting edge of the hydrogen technology sector, poised to revolutionize the energy landscape with our proprietary advancements in hydrogen production and electricity generation.

How does hygn work?

HYGN's approach emphasizes the simplicity and effectiveness of using a minimal amount of hydrogen to optimize the combustion of gas or diesel, achieving cleaner and more efficient energy utilization. What sets HYGN apart is its compatibility with both gasoline and diesel engines, making it a versatile solution for a wide range of vehicles.

Who is hygn?

Based in Northern Ontario, HYGN is harnessing the power of advanced alkaline electrolyzers and a novel linear alternator technology, designed exclusively to operate on the hydrogen gas produced by our systems.

Who is hyenergy?

HyEnergy is an experienced consultancy specialising in hydrogen and energy communities. Helping to deliver new, clean technical solutions for a sustainable future. Our goal is to ensure that the systems and technologies gain commercial acceptance by delivering low cost, clean, onsite energy solutions which compete with fossil technologies.

What makes hygn different?

What sets HYGN apart is its compatibility with both gasoline and diesel engines, making it a versatile solution for a wide range of vehicles. In just a few hours, the HYGN Hydrogen Hybrid Kit can convert virtually any internal combustion engine into an eco-friendly hydrogen hybrid.



Is HYGN energy compatible with diesel engines?

The HYGN system is compatible with both Gasoline and Diesel engines. HYGN Energy's hydrogen technology uses a circular process chamber with a unique design that will last longer and can be refurbished indefinitely, with the ability to scale the modular design for any demand.



Hygn energy

HyGen Energy , Herne Bay Green Hydrogen Production Plant



HyGen Energy is developing a green hydrogen facility at Herne Bay, Kent, set to be fully operational by spring 2023, which they believe will be the first commercial-scale green hydrogen facility in the UK. Go to website Design image of completed plant site

Next Canada

HYGN hydrogen technology is decentralized and infrastructure free, making hydrogen available to everyone. Our first product is a hydrogen hybrid conversion kit for gas and diesel engines. Commercial fleet vehicles are seeing up to 15% in fuel savings while reducing tail ...



[HYGN Energy Inc , Exhibitors](#)

About HYGN Energy Inc Founded on the principles of innovation, sustainability, and efficiency, HYGN Energy Inc. is a trailblazer in the hydrogen energy sector, headquartered in the resource-rich landscape of Northern Ontario, Canada. At the heart of HYGN's

Consortium formed to deliver ground-breaking clean air project in

Northern Gas Networks, Hygen Energy and Ryze Hydrogen developing hydrogen hub in the heart of Bradford Project repurposes decommissioned gas storage site to produce and sell hydrogen Consortium hopes bus operators and heavy



industry in the Bradford



HYGN Energy

HYGN Energy , 217 followers on LinkedIn. HYGN Hybrid Kits REDUCE HARMFUL EMISSIONS while CUTTING FUEL COSTS for gas and diesel vehicles. , HYGN hybrid engine kits transform existing gas or diesel engines into cleaner burning hydrogen hybrids that use up to 20% less fuel, and reduce emissions up to 75%. Our HYGN engine kits convert distilled water into Hydrogen, ...

HYGN News -- HYGN Energy

City of Kawartha Lakes Hydrogen Hybrid Bus Conversion by HYGN Energy. Read More Thomas Ross 2019-05-28 Thomas Ross 2019-05-28 The Team Behind HYGN We have assembled a team of experts who are passionate about creating a greener future for



Startseite

in grüne Energie. Lassen Sie sich von uns überraschen Es stimmt, Wasserstoff ist teuer. Noch. Denn wir glauben, dass wir mit HYGEN den Energiebedarf unserer Kunden über eine zuverlässige Versorgung mit kohlenstoffarmem und weit unter dem aktuellen



HYGN Hydrogen Hybrid Engine Conversions

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The innovative HYGN Hydrogen Hybrid Kit is poised to revolutionize the way we view and utilize traditional combustion engines. At the heart of this transformative technology is the conversion of water into ...



[Hygen Ballymena Green Hydrogen Facility](#)

Decarbonising the energy sector is integral to achieving this goal and requires major investment in a variety of technologies, such as green hydrogen. The UK government has committed to a target of 10GW of low carbon hydrogen to which this project will contribute. Hydrogen can be used to replace carbon emitting fuels such as diesel and natural gas.

[Hygen to develop clean energy projects](#)

HyGen Energy Holdings Limited (Hygen) is a joint venture between clean energy pioneer Jo Bamford, and Armstrong Capital Management. The new company will build, own and operate commercial scale hydrogen production facilities across the UK to help the UK match its net zero ambitions.



Why Hydrogen

Hydrogen production Hygen Energy are developing low-carbon hydrogen production facilities. There are different ways hydrogen is produced and it is labeled accordingly. Green hydrogen is produced by splitting water through ...



HYGN Energy Inc. , The Forge , McMaster University

HYGN has developed patent pending hydrogen production, storage, and electricity generation technology for decentralized solutions in both harsh and urban environments. This solution ...



12.8V 200Ah



Hygen

Clean energy pioneers Hygen and N-Gen are working in partnership to deliver the facility, with the aim of producing enough hydrogen to remove 800 diesel-fuelled buses a day from West Yorkshire roads. Once complete, the scheme will produce low-carbon hydrogen, which can be used to decarbonise vehicles and industry.

[Welcome to Hygen & N-Gen Bradford Hydrogen](#)

N-Gen is an energy developer committed to working with clients to identify and provide end-to-end energy solutions required for decarbonisation. Working across the upstream and midstream sectors, it aims to produce 75MW of green and low carbon hydrogen by 2025, along with all supporting infrastructure.



Hygen Energy Announces Strategic Partnership to Drive Industry ...

As leading developers in the UK's hydrogen sector, we're proud to announce a milestone partnership that will accelerate clean-energy projects nationwide. We have appointed ITM, the listed energy storage and clean fuel company, as a key supplier for state-of-the-art PEM electrolyzers, essential for our hydrogen projects within the UK and across Europe.



HYGN Energy

HYGN Energy is a startup with commercially available hydrogen technology. The HYGN-1 is a decentralized, infrastructure free solution to hydrogen fuel. Our system takes about a coffee cup of water per day to produce hydrogen only when the engine needs ...



HYGN Energy Inc Team Blog Article -- HYGN Energy

HYGN Energy Inc. Team. Thomas Ross, Bill Ross. John Fiornini. Alex Logie. Dan Horner. Doug Wilson. Darren VanNeck. Venturelab. Innovation Factory. CITM. NORCAT. Muskoka Futures. We have assembled a team of ...

HYGN Energy Inc. is reducing carbon footprint with alternate energy

Posted by Innovation Factory on September 14, 2023 at 10:19 AM Hydrogen as a clean fuel alternative is certainly nothing new -- but you likely haven't heard of using hydrogen that's electrolyzed from distilled water for fuel-efficient combustion! Meet HYGN Energy Inc., a trailblazer in harnessing hydrogen technology for a cleaner future.



About HYGN -- HYGN Energy

HYGN is a North American hydrogen electrolyzer manufacturer, located in Ontario, Canada. Thomas Ross is the founder of HYGN. Bill Ross developed the HYGN technology. John Fiorini, Alex Logie, and Dan Horner are dedicated to ...



Hygen to develop clean energy projects with £27 million of funding

Energy pioneer Hygen is set to deliver its first clean hydrogen projects after raising £27 million in funding from HYCAP. The funding will also allow Hygen to further develop its pipeline of more than 300MW of projects across the UK in advance of a second round of funding, scheduled for the second half of 2023.

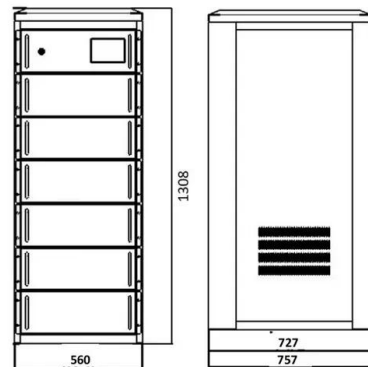


Funding Award For Ballymena Hydrogen Production Facility

Today, as part of the Government's Green Day, Hygen Energy, along with 14 others, were confirmed to have been allocated a total of £37.9 million. Rob Best, Director of Engineering at Wrightbus said: "We are delighted to have won funding for this hugely important project, alongside many other schemes which will support the hydrogen economy going forward.

[HYGN HY-EL Electrolyzer -- HYGN Energy](#)

HY-EL is a modular electrolyzer that grows with your needs. Start with one, or many modules, and add more as needed. The HYGN fuel system converts distilled water into Hydrogen, which is then introduced to into a vehicle or ...



[HYGN Energy Inc . Exhibitors](#)

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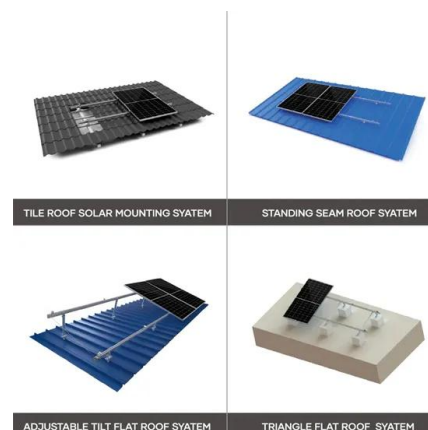


Hygen Energy

Hygen Energy , 2,905 followers on LinkedIn. At the forefront of the low carbon hydrogen economy delivering a sustainable net zero future. , Hygen is a leading developer, producer and asset owner of low-carbon hydrogen production facilities in the UK and Europe, focusing on the decarbonisation of mobility, hard-to-electrify industries and power. Hygen is part of HydraB, the ...

Energy Pioneer Hygen is Set to Deliver its First Clean Hydrogen

Energy pioneer Hygen is set to deliver its first clean hydrogen projects after raising £27 million in funding from HYCAP. The funding will also allow Hygen to further develop its pipeline of more than 300MW of projects across the UK in advance of a second round of funding scheduled for the second half of 2023.





HYGN Energy Inc. is reducing carbon footprint with alternate energy

Currently, HYGN is developing clean hydrogen power stations to provide energy to locations where sourcing energy is a huge challenge. When discussing the future, Ross explained, "I can envision an abundant amount of clean hydrogen power systems across Canada subsidized by government funding, and I would like to license the technology to power projects ...

Wood and HYGEN Energy to accelerate green hydrogen ...

Wood has agreed a Memorandum of Understanding (MoU) with HYGEN Energy to accelerate the production of green hydrogen for decarbonising transportation in the United Kingdom (UK). This marks a tangible step towards ...



Bradford hydrogen production facility shortlisted for government

A partnership between gas distributor Northern Gas Networks (NGN) and clean energy pioneers Hygen Energy (Hygen) and Ryze Hydrogen for an ambitious low carbon hydrogen production and dispensing facility in the heart of Bradford has been shortlisted for

Tom Ross

Green Hydrogen and Electrolysis Expert · Tom Ross has been involved in scaling businesses for 10 years, with a focus on operations roles. Tom has administered federal grants and loans, managing over 40 projects concurrently while ensuring KPIs and targets were met for federal reporting. Tom has managed teams for software and hardware product development, ...



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