

# WILD HYDR<sup>●</sup>GEN

Our carbon-negative hydrogen and biomethane  
can replace fossil fuels, at pace.

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JOIN OUR JOURNEY

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# WILD HYDR<sup>o</sup>GEN

We have a clear mission to revolutionise the energy sector by creating affordable, carbon-negative hydrogen and biomethane from biogenic matter.

## The Solution

Imagine a world where energy production not only powers our lives but actively removes carbon dioxide from the atmosphere. At Wild Hydrogen, we are leading this transformation with cutting-edge carbon-negative technology.

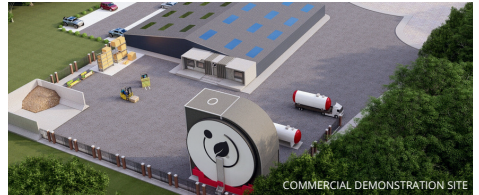
Our **innovative RiPR gasification technology** transforms wet biogenic materials into high-yield hydrogen. From agricultural residues to diverse waste streams, the feedstocks we use require minimal pre-processing and produce a gas blend from which carbon dioxide can easily be extracted. This leaves behind hydrogen, biomethane, and biochar. By using biogenic feedstocks and sequestering the carbon dioxide, we can **deliver a carbon-negative fuel solution**.

The core technology is self-sustaining, eliminating fossil fuel volatility and heavy reliance on the electrical grid that afflicts other options. We have a simple, scalable design that allows us to have an LCOH comparable with grey hydrogen at scale.

## The Application

Our technology is primed to serve a wide range of sectors - from powering hydrogen fuel cells for electricity generation to producing gas blends capable of meeting the energy demands of heavy industry and transport. The hydrogen and/or biomethane generated by our process has immediate and versatile applications. It can **directly support the decarbonisation** of the gas grid and hard-to-abate sectors. As policy evolves, our flexible process is well-positioned to integrate with future hydrogen blending initiatives.

With four successful prototypes built, our technology is more than a concept and has proven efficiency and scalability. Our commercial demonstrator (CD) is set to be commissioned in 2028.



“ I have looked on in disbelief at the complexity of traditional gasifier systems for more than 20 years – we have developed this new technology because it is simple, bulletproof and highly cost-effective. It is a game changer in hydrogen production with carbon capture. ”

MARK WICKHAM - CTO WILD HYDROGEN

## The Market & Opportunity

The global hydrogen market is **set to surpass \$200 billion by 2030** (IEA Global Hydrogen Review 2023), yet most of today's hydrogen is still produced using fossil fuels without carbon capture.

We're currently collaborating with Wales & West Utilities to explore how our biomethane and hydrogen can help decarbonise the gas grid and offer a cleaner alternative to grey hydrogen.

Our route to market is the development of hydrogen production plants commencing 2030, scaling from 5 MW. We are open to licensing to providers to accelerate adoption of our technology and diversify our revenue streams.

## Join Us

Impactful change can only happen through collaboration. Whether you are a research institution, a forward-thinking company, an investor, or an individual with a passion for sustainable energy, we want to hear from you.

Email us at [info@wildhydrogen.com](mailto:info@wildhydrogen.com).



The future is clear  
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