



PRESS RELEASE
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Twenty-seven partners launch a national Hydrothermal Gasification Working Group (WG)

Launch conference of the hydrothermal gasification WG at the Bio360 Expo on 24 March 2021 at 9:30 a.m. to present this innovative technology and the sector's main focus areas.
Link to register for the conference:
<https://www.bio360expo.com/Webform.aspx?fid=421&ref=Bio36021FR&aid=814>

A sector dedicated to innovative and virtuous technology powered by a group of players driven by a common interest in the energy transition supporting the regions.

Along with 26 multi-sector partners, GRTgaz is launching¹ the national Hydrothermal Gasification Working Group (WG). The group's aim is to help structure the sector in France by 2023 and to expand it into Europe. More broadly, it wants to contribute to the goals of the energy transition and the circular economy.

Hydrothermal gasification complements the methanisation and pyrogasification sectors. It is an innovative technology that produces renewable gas that can be injected into the gas networks from wet or liquid biomass waste and residues. The Hydrothermal Gasification WG aims to bring together sector stakeholders from across its entire value chain, including developers, renewable gas producers, water and waste treatment companies, users, equipment manufacturers, associations, design offices, gas network managers, research laboratories and local authorities.

All the partners recognise hydrothermal gasification's potential to process liquid or wet waste whose current recovery levels are small, non-existent or insufficient; to promote various circular economy models; to participate in the decarbonisation of the industrial, residential, services and transport sectors; and to contribute to a mix of 100% renewable gas in the French and European gas networks.

Making hydrothermal gasification part of the energy landscape

The WG's goal is to coordinate, structure and consolidate the hydrothermal gasification sector. It will help create a multi-actor, multi-use ecosystem to give the technology a solid footing in the regions and successfully transition to an industrial scale. As part of this, the WG will launch specific projects to classify materials and recoverable flows (e.g. partial hydrogen production), identify externalities, define applicable technical regulations, develop business models, and obtain feedback on existing pilots and demonstrators. The WG will be a key contact for public authorities, local authorities, civil society, and economic, agricultural and industrial stakeholders.

The WG is open to all partners who wish to join it in contributing to the development of the French hydrothermal gasification sector.

¹ The WG includes: The Loire Bretagne Water Agency, the French Gas Association (AFG), Amorce, Arol Energy, Banzo, CARENE, CEREMA Ouest, CEA Liten, ENGIE, Greenmac, GRDF, GRTgaz, Ineris, Leroux et Lotz Technologies, Naldeo, Naskeo, Nevezus, Prodeval, S3D, SAUR, Suez, the French Renewable Energies Union (SER), Top Industrie, TreaTech, Veolia, Vinci Environnement, WeNext.

About the Hydrothermal Gasification Working Group

The Hydrothermal Gasification (HG) Working Group (WG) brings together 27 public and private multi-sector partners from across the entire value chain of this technology of tomorrow, including developers, renewable gas producers, water and waste treatment companies, users, equipment manufacturers, design offices, gas network managers, research laboratories and local authorities. Hydrothermal gasification converts wet or liquid biomass waste and residues into renewable gas that is rich in methane, allowing for the separation and recovery of nitrogen and mineral salts that can be transformed into fertilizers as well as water. The new HGWG was initiated by GRTgaz in 2020 and officially launched in 2021. It aims to promote, develop and structure this innovative sector in France and to make it a sustainable part of the French energy landscape by 2023. The WG works to increase people's understanding of hydrothermal gasification and its many benefits for the circular economy through committed research into deposits, the recovery of different residues, the development of economic models, feed-in tariffs enabling its market introduction, and its technical profile.

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