

Eight large international companies to sponsor the creation of a global e-NG coalition

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Mitsubishi Corporation has entered into an MOU with other large international companies to sponsor the creation of a global coalition, the e-NG Coalition, which is exclusively dedicated to electric natural gas (e-NG or e-natural gas), also referred to as e-methane.

The e-NG Coalition is a collaborative alliance of pioneering companies that believe e-NG has a role to play to accelerate the energy transition towards a net-zero carbon future. The Coalition seeks to promote e-NG, build a global market with aligned emissions accounting and certification standards, and bolster cooperation between all stakeholders along the e-NG value chain.

The founding members of the e-NG Coalition include: Engie, Mitsubishi Corporation, Osaka Gas, Semptra Infrastructure, TES, Tokyo Gas, Toho Gas and Total Energies. The e-NG Coalition will be a global platform to raise awareness on e-NG, promote global tradability and use of e-NG, foster policy support and harmonization of applicable regulation and standards, and bolster collaboration across geographies and stakeholders along the e-NG value chain. Its purpose is to accelerate the development of e-NG in a reliable, affordable and sustainable way.

e-NG is a synthetic gas produced by the combination of renewable hydrogen and recycled CO₂ through methanation. With a molecular composition identical to conventional natural gas, it can be transported and stored utilizing existing infrastructures. e-NG is considered as a sustainable “drop-in” solution for gas consumers as it does not require the modification of industrial processes and applications to be used in place of conventional natural gas.

The founding members of the coalition believe e-NG can provide a meaningful contribution to the energy transition by accelerating the development of renewable hydrogen. With large industrial capabilities and investment potential, the founding members are committed to the development of e-NG projects globally.