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Tree Energy Solutions Belgium B.V.
Tokyo Gas Co., Ltd.

TES and Tokyo Gas Forge New Partnership to accelerate the decarbonization of hard to abate sectors through e-NG

Tree Energy Solutions (TES), a global green energy company leading the way in the production of e-NG (electric natural gas derived from green hydrogen, widely referred to as e-methane in Japan), and Tokyo Gas Co., Ltd. (Tokyo Gas), a leading Japanese gas utility company, are pleased to announce that they have signed an agreement to explore and develop e-NG supply chains globally as part of efforts to foster the global energy transition and the roll out of e-NG.

Based on this agreement, TES and Tokyo Gas will work together to raise awareness of e-NG globally, to encourage the institutional design of an international CO₂ emissions counting system for e-NG and other fuels that contribute to carbon neutrality, and to establish an international supply chain for e-NG.

In Japan, in order to achieve the government's goal of carbon neutrality by 2050, it is important to decarbonize gas-based energy to meet heat demand, which currently accounts for 60% of Japan's total demand, and e-NG is expected to be one of the promising options. Because e-NG can utilize existing city gas infrastructure such as LNG receiving terminals, pipelines, and consumption equipment without modification, it is possible to achieve both a smooth transition to carbon neutrality and additional social cost containment.

In Europe, several e-NG production plants are already in operation, and various new projects are being considered in Germany, France and elsewhere. e-NG is being focused on as a realistic transition option that can decarbonize while making effective use of existing LNG and natural gas infrastructure.

Both companies will continue to work toward the early realization of the decarbonization of LNG and city gas through the expanded introduction of e-NG.

Marco Alverá, CEO of TES, commented: "I am delighted to announce this partnership between TES and Tokyo Gas, which marks a significant step forward in our mission to accelerate the decarbonization of hard-to-abate sectors through the widespread adoption of e-NG. This collaboration underscores our shared commitment to sustainable energy solutions and the global energy transition, in this case especially focused on the greater Tokyo region. Together, we are poised to revolutionise e-NG supply chains and drive the decarbonization of industries that have long been a challenge. We look forward to working closely with Tokyo Gas to shape a greener, affordable and more sustainable future for us all.

Kentaro Kimoto, Representative Corporate Executive Officer, Vice President and CTO of Tokyo Gas, commented: "We are very pleased to conclude this partnership agreement with TES. TES has been promoting studies on the establishment of an e-methane(e-NG) supply chain vigorously and worldwide, and we are extremely encouraged to have TES as a partner as we promote and expand e-methane(e-NG) globally in the future. Based on this collaboration, we will lead to raise global awareness of e-methane(e-NG) and establish an international framework to achieve carbon neutrality."



About TES

TES is a global green energy company leading the way in the production of e-NG. Headquartered in Europe, TES is committed to making reliable and affordable green energy accessible to all by implementing giga-scale projects using a proven, scalable and cost-effective method. With presence in the United States, Middle East, Asia and Australia, the company's green hydrogen model uses solar and wind energy in low-cost areas with abundant sunlight or wind. The green hydrogen is then combined with climate-neutral CO₂ and transformed into e-NG, a renewable molecule, easy to transport and store using existing infrastructure. Through the supply of e-NG to various industries, TES aims to win the climate race ensuring the mass adoption of green molecules across the globe.

www.tes-h2.com

About Tokyo Gas

Tokyo Gas is the largest city gas supplier in Japan and a Japanese integrated energy company with diverse businesses spanning electricity generation, energy retailing, engineering solutions, upstream LNG, and real estate development. As part of the Tokyo Gas Group's management vision "Compass 2030," Tokyo Gas has been taking actions to realize a decarbonized society by tackling the challenge of achieving "Net-Zero CO₂." As an energy provider for the Tokyo metropolitan area, Tokyo Gas supports its customers' decarbonization efforts by promoting the sophisticated use of LNG. At the same time, Tokyo Gas focuses on renewable energy power plant development, CCUS utilization, hydrogen production technology development, and commercialization of e-methane(e-NG) and other hydrogen carriers. In order to establish supply chains for e-methane(e-NG), Tokyo Gas is currently carrying out feasibility studies in North America, Malaysia, Australia, and other regions with trading companies and global energy companies. Tokyo Gas will lead the transition to a decarbonized society by achieving both stable energy supply and decarbonization.

[Tokyo Gas: Company Profile \(tokyo-gas.co.jp\)](http://tokyo-gas.co.jp)