



Unification of the name of synthetic methane to "e-methane"
for the purpose of improving international recognition

November 22, 2022
The Japan Gas Association

The Japan Gas Association (JGA) has been working for carbon neutrality based on the "Carbon Neutral Challenge 2050" (issued in 2020) and the "Carbon Neutral 2050 Action Plan" (issued in 2021).

At the "Methanation Promotion Public-Private Council meeting" held on November 22, JGA proposed and being agreed to unify the name "e-methane" for "synthetic methane" produced by methanation, which is positioned as a powerful tool for achieving carbon neutrality, and to make it known to many people around the world.

In the future, JGA will contribute to raising the international recognition of "e-methane" and logo mark used not only by the city gas industry but also by a wide range of parties involved in methanation.

【Logo mark】

【Definition of e-methane】

The term e-methane is used for synthetic methane produced from non-fossil energy sources such as green hydrogen.

【Why "e" for the initials?】 .

① Realization of S + 3E

e-methane is an energy source that realizes the S+3E principle in advancing energy policy, and we will work to implement it in society.

Safety is a prerequisite as a major principle in the development of energy policy. On this basis, the Energy Security shall be the priority, and energy supply shall be achieved at low cost through improved Economic Efficiency, while at the same time, Environmental Compatibility shall be ensured.

Source: The Sixth Basic Energy Plan

② Achieve carbon neutrality through the use of renewable energy sources.

In the transition phase, we will also utilize blue hydrogen, etc., to expand the use of synthetic methane (e-methane), and in the future, we will contribute to the realization of carbon neutrality by utilizing green

hydrogen produced from electricity derived from renewable energy sources.

(Reference)

Methanation Promotion Public-Private Council meeting Member

Demand side : **Gas** (JGA, Tokyo Gas, Osaka Gas, Toho Gas, INPEX)

Electric (TEPCO, JERA, KEPCO)

Engineering (IHI, Hitachi Zosen, JGC, CHIYODA Corporation,
Mitsubishi Heavy Industries)

Supply side : **Iron** (Nippon Steel Corporation, JFE Steel) , **Automobile** (DENSO,
AISIN) , **Cement** (Mitsubishi Materials)

Supply Chain : **Ship** (MOL, NYK Line) , **Trading company** (Sumitomo Corporation,
Mitsubishi Corporation, Shell Japan)

Research institution : IEEJ, JACCR, NEDO

Finance : DBJ, JOGMEC

Scholar : Yamauchi Hirotaka (Hitotsubashi Univ. Professor emeritus)

Akimoto Keigo (RITE Chief Researcher)

Kikkawa Takeo (IUJ Vice-president)

Government : METI, ANRE, MLIT,MOE

Source: Excerpt from Document 1, 6th the Clean Energy Strategy Study Group

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