

Joint Study Agreement for Production and Export of e-methane in Australia

Toho Gas Co., Ltd. (Toho Gas) and Santos Ventures Pty Ltd, a subsidiary of the Australian energy company Santos Ltd, have entered into a joint study agreement on a project to produce e-methane* and to export e-methane to Japan.

E-methane is one of the promising measures for a smooth transition to a carbon-neutral society without enormous social costs, as it can be transported via the existing gas infrastructure and consumed by the existing gas equipment and appliances in Japan.

In this study, we will jointly evaluate the feasibility of producing e-methane in the Cooper Basin in central and eastern Australia using hydrogen and CO₂, etc. produced from Australia's abundant renewable electricity, and of exporting e-methane to Japan using existing LNG terminals. As a results, Toho Gas has set a target of importing approximately 30,000 tons of e-methane by 2030.

As part of this study, Toho Gas will work on the early implementation of e-methane in society, with the aim of achieving carbon neutrality.



Candidate locations for the e-methane production site 「Cooper Basin」

※E-methane is synthetic methane produced from non-fossil fuel energy sources such as green hydrogen. Toho Gas has set a goal for carbon neutral including our customer's site by 2050. To achieve this goal, we believe that e-methane will play a key role, and aim to supply e-methane more than 1% of our city gas sales volume by 2030.

About Santos Ltd

Company Name	Santos Ltd
Head Office	South Australia, Australia
President	Kevin Gallagher
Incorporated	March, 1954

About Santos Ventures Pty Ltd

Company Name	Santos Ventures Pty Ltd (subsidiary of Santos Ltd)
Head Office	South Australia, Australia
President	Kevin Gallagher
Incorporated	February, 2007