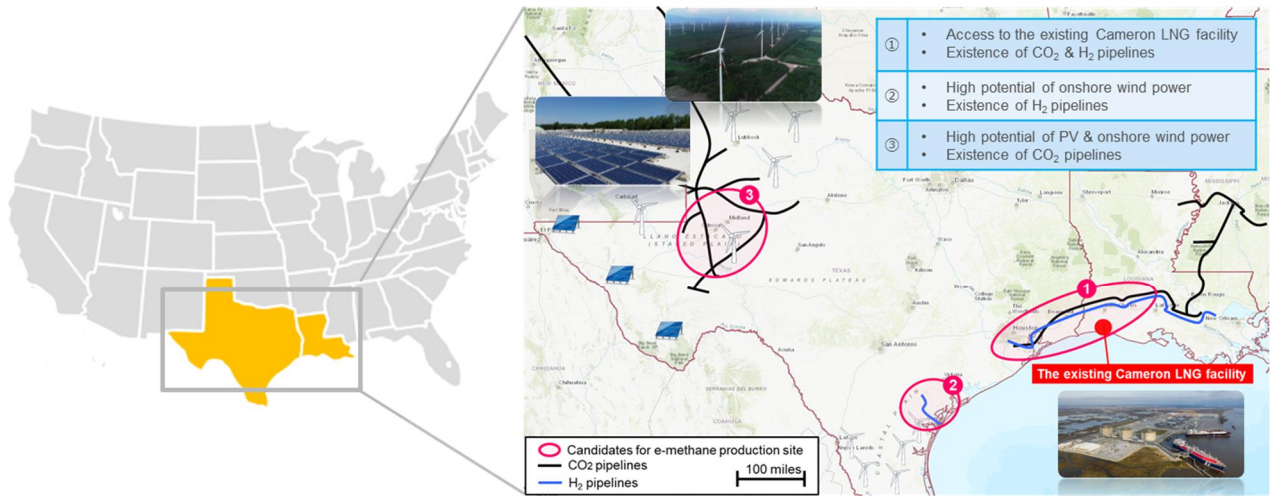


Candidate Areas for Detailed Feasibility Study

Texas and Louisiana, the candidate states for e-methane production sites in this study, have a high potential for sustained availability of abundant renewable energy and easy access to the existing Cameron LNG facility, of which MC owns equity. Furthermore, existing pipelines of carbon dioxide and hydrogen are also accessible.



Project Schedule

The four companies intend to start with onsite surveys for securing a project site and procuring feedstocks, namely renewable power, water, hydrogen and carbon dioxide, and initiate the discussions with relevant administrative authorities and industrial companies. The four companies expect to finalize the detailed joint feasibility study by the end of fiscal year 2023 based on the results of onsite surveys and discussion on the rules and systems necessary for the development of e-methane supply chain. The project aims for FEED entry in 2024, FID in 2025, first e-methane production in 2029 and the commencement of export to Japan in 2030.

| (Fiscal Year) | | | | | | | | |
|-----------------------------------|-------------------|------|------|------|------|------|------------------|-----------------------|
| 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
| Onsite surveys by the 4 companies | Detailed joint FS | FEED | | | EPC | | Start production | Start export to Japan |

Introduction and wide use in Japan of e-methane produced overseas requires the certificates of origin to differentiate e-methane from natural gas, internationally-recognized accounting rules of carbon emissions from e-methane combustion, and economic incentives for production and utilization of e-methane. The four companies plan to cooperate with stakeholders in the U.S. and Japan to promote the creation of necessary rules and systems in line with the project schedule.

Through this initiative, TG, OG, THG and MC will further promote the introduction and wide use of e-methane to steadily contribute to the enhancement of Japan's stable energy supply and the realization of carbon neutrality in 2050.