



OSAKA GAS

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CARBON NEUTRAL RESEARCH HUB

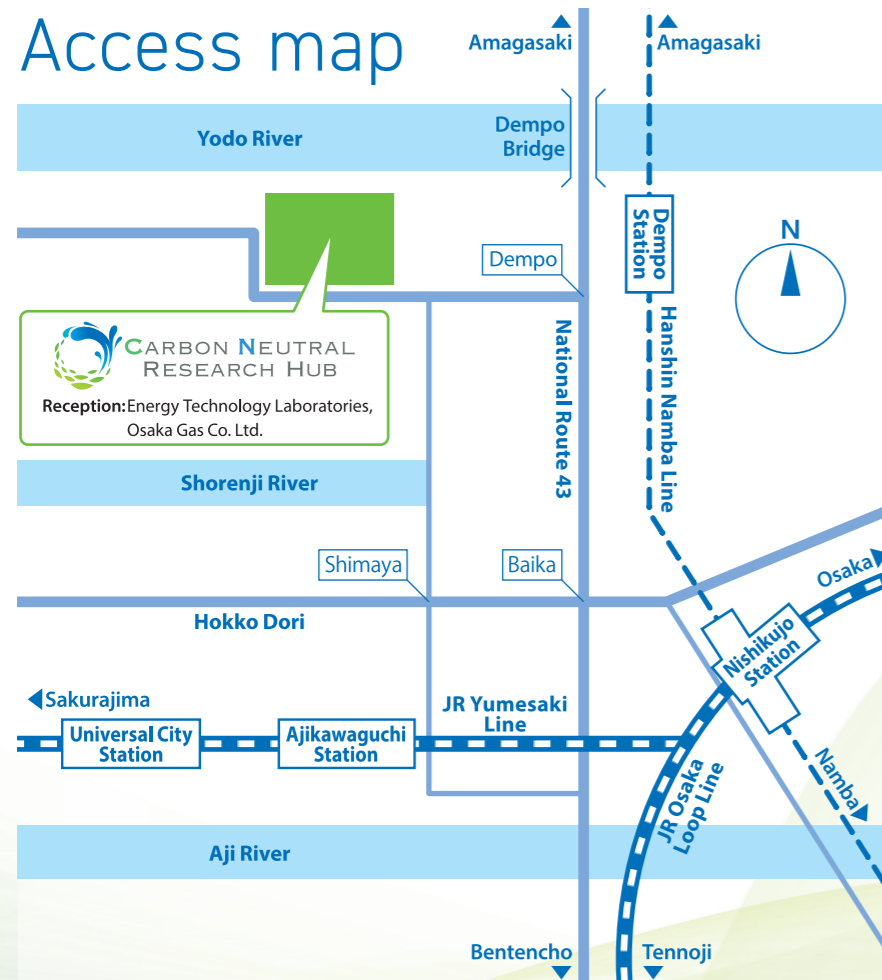
FACILITY INFORMATION



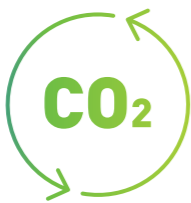
CARBON NEUTRAL RESEARCH HUB

Carbon Neutral Research Hub, Osaka Gas Co., Ltd.
 6-19-9 Torishima, Konohana-ku, Osaka 554-0051
 (Reception: Energy Technology Laboratories)

Access map

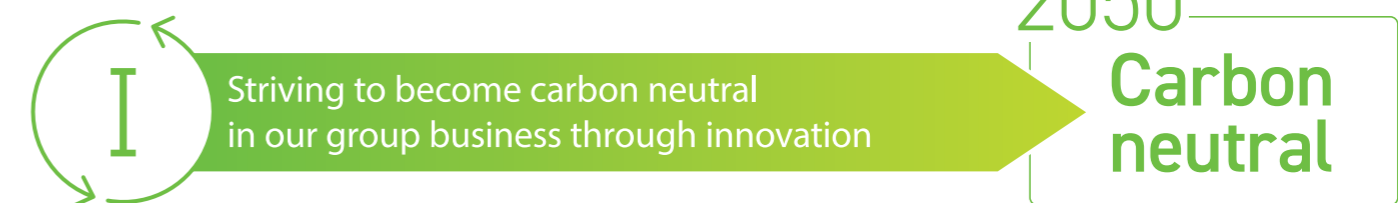


Carbon Neutrality Challenge 2050



We strive to become carbon neutral by 2050 through decarbonization of our gas and electricity by introducing methanation* to generate gas with renewable energy and hydrogen and by increasing the share of renewables in our power generation portfolio. And as an innovative energy and services company, we plan to provide solutions for the realization of a sustainable society.

While technologies are being developed to realize a carbon neutral society, we also strive to contribute to radical reduction of CO₂ emissions by promoting advanced utilization of natural gas and wider usage of renewable energy, aiming for a CO₂ emissions reduction contribution target of more than 8.5 million tons/year**, which was previously set for 2030.



2050 Carbon neutral

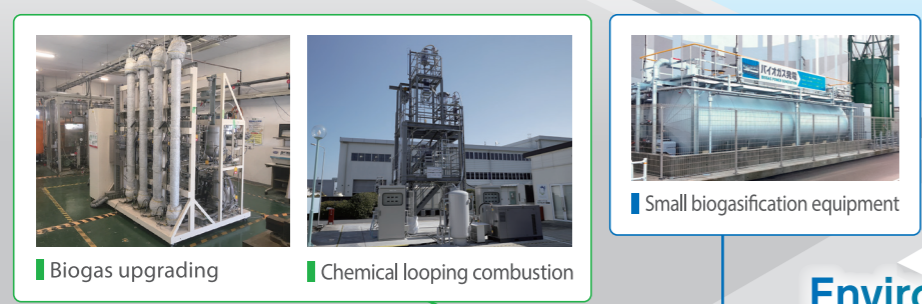


FY2030
5 GW of renewables development contribution on a global basis
 Nearly **50%** of our power portfolio in Japan consisting of renewables***
10 million tons/year**** of CO₂ emissions reduction contribution

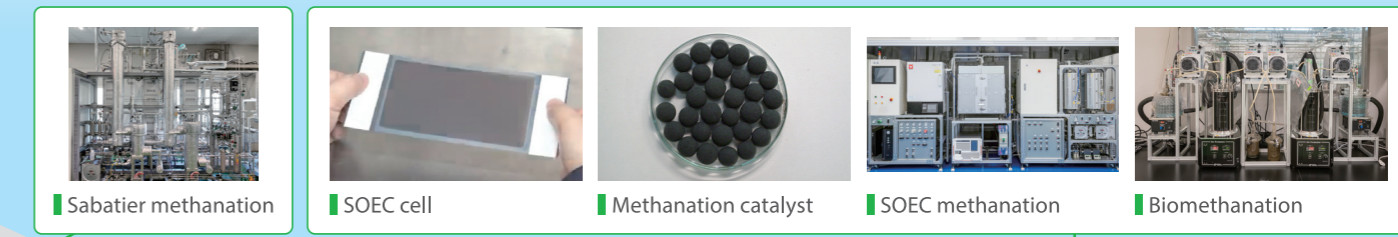


* Methane generation technology using hydrogen and CO₂
 ** Our CO₂ emissions reduction contribution annual target for 2030 set out in our long-term management vision announced in 2017 (2030 cumulative target: 70 million tons)
 *** Including solar, wind, and biomass power projects, which are eligible for the feed-in tariff (FIT) scheme
 **** Equivalent to one third of the CO₂ emissions currently produced in our business and by our customers (33 million tons/year)

Biomass



Methanation



Hydrogen and ammonia



Energy-saving equipment



VPP*



※VPP: Virtual Power Plant



Construction site of a new R&D base

