

## Osaka Gas invests in natural hydrogen: advancing its production and utilization

October 15, 2024  
Osaka Gas Co., Ltd

Osaka Gas Co., Ltd. (“Osaka Gas”) announced its investment in Koloma, Inc. (“Koloma”), a U.S. startup engaged in the exploration, development, and production of natural hydrogen. This strategic investment marks Osaka Gas’ collaboration with Koloma to advance the production and utilization of natural hydrogen, recognized as an affordable and clean source of hydrogen.

Natural hydrogen, found in natural deposits<sup>1</sup> located several hundred meters to several kilometers underground around the globe, is currently under development in the U.S. and Australia. It is expected to be extracted leveraging established oil and natural gas drilling techniques and produced with lower greenhouse gas emissions compared to existing energy sources. This makes it a cost-effective and environmentally friendly source of hydrogen that can significantly contribute to achieving a carbon-neutral society.

The widespread adoption and utilization of carbon-free hydrogen and its derivatives, such as e-methane and ammonia, are crucial for achieving carbon neutrality by 2050, a goal set by over 120 countries and regions worldwide. Natural hydrogen has the potential to play a vital role in this global effort.

Koloma is a startup aiming to commercialize natural hydrogen utilizing its proprietary exploration and production technologies and extensive global data. Through the collaboration with Koloma, Osaka Gas seeks to explore the potential of producing and utilizing natural hydrogen as a new clean energy source.

### ■About the Daigas Group<sup>2</sup>

The Daigas Group is committed to the development of technologies and services that contribute to the decarbonization of society by implementing its Carbon Neutral Vision announced in January 2021 and Energy Transition 2030 released in March 2023. The Group aims to be a corporate group that powers continuous advancement in customers’ lives and businesses by resolving social issues, including climate change.

1 A concentration of a naturally occurring minerals found in rocks located underground.

2 The group brand name of Osaka Gas.

### Company Overview

Company Name	Koloma, Inc.
CEO	Pete Johnson
Established	April 2021
Headquarters	Denver, Colorado, USA
Business Activities	Exploration, development, production, and sales of natural hydrogen in the U.S. and abroad