

June 26, 2020

**AHEAD (The Advanced Hydrogen Energy Chain Association for Technology Development)  
held a press conference and its dehydrogenation plant tours**

Chiyoda Corporation (“Chiyoda”) is pleased to announce that AHEAD \*1, held a press conference and its dehydrogenation plant tour upon successful commencement of the supply of SPERA hydrogen, which was transported from Brunei Darussalam by sea, to the gas turbine in Mizue Thermal Power Plant in TOA OIL CO., LTD.’s Keihin Refinery, located in the Kawasaki Coastal Area in Japan. Hydrogen used for the gas turbine was separated from Methylcyclohexane (MCH\*2) at the dehydrogenation plant located in the said area

The messages from everyone published at the press conference and the VR tour of the dehydrogenation plant are available on the AHEAD website.

<https://www.ahead.or.jp/en/>

Chiyoda will work in close cooperation with Mitsubishi Corporation, Mitsui & Co., and Nippon Yusen Kabushiki Kaisha, the other association members of AHEAD, to confirm the effectiveness of global hydrogen transportation through this project.



Kawasaki, Japan



Hydrogen is supplied to Gas Turbines  
(Courtesy of TOA OIL CO., LTD.)

**\*1. Overview of AHEAD**

Address: 4-6-2 Minatomirai, Nishi-ku, Yokohama, Kanagawa, Japan

President: Takakazu Morimoto (Deputy Division Director, Frontier Business Division, Chiyoda Corporation)

Members: Mitsubishi Corporation, Mitsui & Co., Ltd., Nippon Yusen Kabushiki Kaisha, and Chiyoda Corporation,

Established: July 3, 2017

Research Partners: Mitsubishi Hitachi Power Systems, Ltd., Development Bank of Japan Inc.

**\*2. Methylcyclohexane (MCH)**

A liquid produced from toluene and hydrogen, which can be handled in a liquid state at ambient temperature and pressure. It is widely used in many fields and products, a solvent for correction fluids is one of the examples.

For more information, please contact:

Chiyoda Corporation IR, PR & CSR Department

URL: <https://www.chiyodacorp.com/en/contact/index.php>