

Masaki Iijima

Position/Department/Division/Institution/Organization

Senior Chief Engineer
CO₂ EOR Business Department
Mitsubishi Heavy Industries Engineering, Ltd.

Country

Yokohama Japan

Career history

Apr. 1, 2008 Chief Engineer Project Department
Chemical Plant Division
Mitsubishi Heavy Industries, Ltd.

Apr. 1, 2014 Fellow Senior Chief Engineer
Chemical Plant & Infrastructure Division
Energy and Environment Domain
Mitsubishi Heavy Industries, Ltd.

Oct. 1, 2016 Senior Chief Engineer
Engineering Headquarters
Industry & Infrastructure Domain
Mitsubishi Heavy Industries, Ltd.

Jan. 1, 2018 Senior Chief Engineer
CO₂ EOR Business Department
Mitsubishi Heavy Industries Engineering, Ltd.

Awards/Publications

Following the receipt of the Nobel Peace Prize Award in 2007, IPCC recognized Mr. Iijima for his significant contribution to IPCC's carbon capture and storage report, which won the organization the prestigious award.

Areas of expertise

Mr. Iijima is well-known in MHI as being the founder of the KM CDR Process™, MHI's CO₂ recovery technology. He began developing the technology in 1990 along with Kansai Electric Power Co., and it has since become the world's leading CO₂ capture technology used on

combustion gases.

In 1998, Mr. Iijima was in charge of basic engineering for MHI's first commercial project owned by Petronas Fertilizers Co. in Malaysia. Since then, MHI has delivered an additional 14 commercial plants, including for the Petra Nova project – the world largest post-combustion CO₂ recovery plant on an existing coal-fired plant.