

Session Title: Hydrogen

Name: Motohiko Nishimura

**Position: Deputy General Manager, Associate Officer, Hydrogen Project
Development Center, Corporate Technology Division, Kawasaki Heavy Industries,
Ltd.**

Abstract title: International Hydrogen Supply Chain

In Japan, both CO₂ emission reduction and improvement of energy security are very important issues. Introducing large-mass-hydrogen-energy is being expected to expand hydrogen application, or to solve the energy issues of Japan. In December 2017, the Japanese government announced a Basic Hydrogen Strategy for introducing hydrogen energy supply chain. Under these circumstances, imported CO₂-free-hydrogen will be one of the solutions for energy security and CO₂ reduction.

Kawasaki Heavy Industries, Ltd. has been promoting the “Hydrogen Energy Supply Chain (HESC)” Project and conducting related R&D activities. In our presentation, HESC project concepts and related hydrogen technologies will be shown.