



Offering new proposals
for MIURA's total solutions.

MyGs

Goals for each one of us

New MIURA businesses include air compressors from the SD Technical Division and solid oxide fuel cell systems from the FC Business Development Division. We are cooperating with Kobe Steel, Ltd., to develop steam-driven air compressors. These make effective use of the energy in the steam that occurs when steam is depressurized to power an air compressor, generating compressed air. It's said that approximately 30% of the electricity consumed in factories is due to compressors, and by driving these with steam power we can reduce air compressor power consumption by approximately 98%. This is an extremely effective way to help our customers save both energy and electricity. The solid oxide fuel cell system is the MIURA's first foray into a power generation business that is aimed at the creation of a carbon-free society. This is a highly efficient, clean, next-generation power generation system that produces electricity and hot water using city gas and air. As an efficient distributed power source, such systems help to conserve energy and reduce CO² emissions, and we also expect them to be used as BCP* measures during disasters in welfare and education facilities as well as in restaurants and other businesses. MIURA is currently seeking to grow sales of products developed in collaboration with Ceres Power that supply both heat and power and boast an overall efficiency of 90%, and is testing 5 kW fuel cells dedicated for power generation together with Tokyo Gas Co., Ltd. that achieve a world-leading 65% level of net AC power generation efficiency. We will promote development aimed at facilitating the coming hydrogen society.

SD TECHNICAL DIVISION /
FC BUSINESS DEVELOPMENT DIVISION

* BCP: Business Continuity Plan

SD TECHNICAL DIVISION /
FC BUSINESS DEVELOPMENT DIVISION

TO YOU

Striving to develop the best solid oxide fuel cell systems and air compressors in the world.



Sustainable Development Goals (SDGs) are shared goals for international society to be achieved by 2030, adopted at the United Nations summit in September 2015. They comprise 17 goals for achieving a sustainable world.

