



SANDEN

Delivering Excellence



ATMO
sphere

technology & innovation

natural refrigerants

3-5 February 2014, Tokyo

SANDEN CORPORATION

Market trends session

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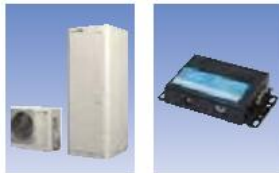
Sanden Global Network

(54 locations in 23 countries)

#1

Our Business

Eco Systems and Other Business Group



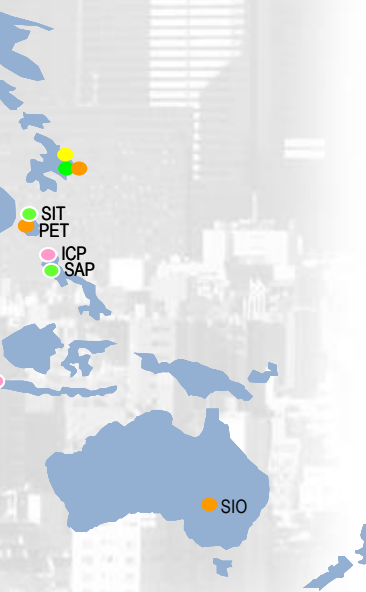
Automotive Systems Business Group



Commercial Store Systems Business Group



Net Sales
¥241,780
 (Millions of yen)





経営方針

Management Policies

環境から企業価値を創造する

現有の強みを基礎に、
「環境」をコアにして次の成長を果たす

To create corporate values by the environment

We try to grow with the core of the environment
based on the strength we have now.

環 境

Environment

品 質 力

Quality

(STQM)

グ ローバル力

Global

(創造) (Creation)

Sanden Group

CO₂ = Company Direction

#3

1943 ··· 1950 ··· 1960 ··· 1970 ··· 1980 ··· 1990 ··· 2000 ··· 2010



1957 ~ Commercial Store System

1961 ~ Vending Machines



2005 ~ CO₂ refrigeration system

2011 ~ CO₂ Hermetic Compressor



1962 ~ Ecology Home Environment system

2002 ~ ECO System

2006 ~ CO₂ Hot water system



1971 ~ Air-Conditioning System for Automotive



2004 ~ Electric devices

200k CO₂ systems 300k CO₂ compressors (Total Market 800k in 2013)

Application

Open Show case



Vending machine



Open cooler



Domestic hot water



Electrical vehicle



Food Store system



(Planning)

Core Module

CO₂ Heat Pump Core Module for hot or cold system equipment



Hermetic CO₂ Compressor (Core Device)



CO₂ = Core Technology

#5

Sanden's 70th Anniversary Plan



Aiming to Sustain Dynamic Corporate Development for a Full Century

Established as Sankyo Denki Co., Ltd., in 1943, Sanden began expanding its operations in Japan by initiating the production of bicycle lights equipped with small generators and subsequently advanced into such business fields as food retailing showcases, room heaters, and vending machines. After arranging a technical tie-up with U.S.-based John E. Mitchell, Inc., the Company undertook the development of global operations. The Company began using "Sanden" as a brand and corporate name from 1973.

Currently, the Sanden Group is expanding its global operations by leveraging its core technologies involving cooling, heating, and electronics and moving ahead with the development of new technologies centered on environment-friendly technologies. In these ways, the Group is creating new corporate value and preparing for sustained business growth going forward.



The Third Growth Stage 'SUSTAINABLE SOCIETY'

An additional surge of corporate development centered on environment-friendly offerings





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Thank you very much!