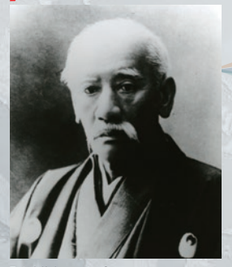
# Contributing to the nation—to society—through expertise

More than 120 years ago, Shozo Kawasaki established Kawasaki Dockyard Co., Ltd. with a determination to contribute to the development of the nation and society through technology.
The Kawasaki Group has retained this founding spirit and continues efforts to solve social problems.

## Solutions provided to society by the Kawasaki Group

**1878**



Establishment of Kawasaki Tsukiji Shipyard in Tokyo by Shozo Kawasaki (founding of company)

**1896**

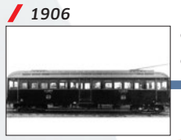
Kawasaki Dockyard Co., Ltd, incorporated in Kobe

**1897**

Kawasaki Dockyard's first ship, the cargo-passenger ship Iyomaru, is launched

**Marine transportation changes Japan's industries and people's lives**

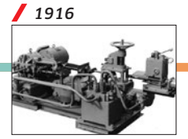
**1906**



Kawasaki's first electric-drive wooden railway coach, the Nankai Railway Type 1 Wooden Coach

**Railways become a key means of land transportation and modernization accelerates**

**1916**



Hele-Shaw electro-hydraulic steering gear

**1922**

Kawasaki's first airplane, the Type Otsu 1 Surveillance Airplane

**Rapid transportation of people and goods by air transport changes lives**

**1955**

Production of finished motorcycles Meihatsu 125-500 begins

**1907**

Production of marine steam turbines, steam turbines for use as main engines of ships begins

**1942**

Japan's first jet engine, Ne-0

**1964**

Series 0 Shinkansen

**High-speed transportation provides new value to life**

**1969**

Kawasaki-Unimate 2000, Japan's first industrial robot, is developed

**Introduction of industrial robots increases worksite productivity**

**1977**

First delivery of the GPS200, the first gas turbine generator produced in Japan

**Diverse forms of energy support the economy**

**1979**

First flight of the BK117 helicopter

**Large airplanes respond to the growing demand for long-distance transportation**

**1981**

Delivers the first LNG carrier built in Japan

**1982**

LNG in-ground storage tank

**1987**

Liquefied-hydrogen storage tanks constructed at the Tanegashima Space Center of the JAXA (former National Space Development Agency [NASDA])

**Efforts to achieve carbon neutrality expand worldwide**

Hydraulic components for construction machinery

Wafer transfer robot

Series H5 Hokkaido Shinkansen

Boeing 787 Dreamliner (Photo provided by Boeing Company)

Z900RS

TERYX KRX4 1000

**Off-road and leisure activities take root as part of new lifestyles**

Trent XWB-97
copyright Rolls-Royce plc

Hydrogen gas turbine

Liquefied-hydrogen storage tank

Liquefied hydrogen carrier, *SUISO FRONTIER*

The *hinotori*™ surgical robot system from Medicaroid Corporation

**A Safe and Secure Remotely Connected Society**
**(Creating new work styles and lifestyles)**

**Social robots that create connections with people's lives**

FORRO delivery robot

**Near-Future Mobility**
**(Proposals for new means of transportation)**

K-RACER unmanned VTOL (vertical take-off and landing) aircraft

Kawasaki $CO_2$ Capture (KCC)-DAC*
* Direct Air Capture

**Energy and Environmental Solutions**
**(Achieving carbon neutrality)**

Large liquefied hydrogen carrier