

Technological Outputs of Increasingly Global Kawasaki

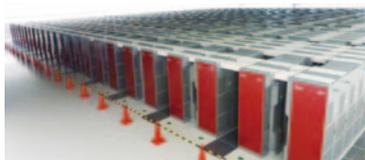


Kawasaki has long supported the Japanese economy and evolved as one of the leading industrial cities of the world. Today, Kawasaki and particularly the coastal area boast a large concentration of high tech companies and R&D institutions, and is transforming into a city for global industries and research and development.

» For example...

High tech products that emerged from Kawasaki

More than 200 R&D institutions, including private company R&D departments and university research institutions, are clustered in Kawasaki, along with many SMEs and medium-sized companies that boast technological and development prowess in their unique ways. Countless high value-added technologies and products have been developed in Kawasaki.



Super Computer, K

RIKEN & Fujitsu
Ranked the world's fastest computer in 2011. Kawasaki City is home to one of K's production centers.
Photo: RIKEN



Face recognition system

NEC
World's No.1 face recognition technology that provides safety and reassurance for all purposes from security to entertainment.



High-capacity lithium-ion battery

ELIY Power
Battery that is gaining attention as a power source for electric vehicles and a system for storing power generated by solar power plants.



UNI-PELE

Union Sangyo
Eco plastic made out of bamboo and straw. Does not generate toxic gas when incinerated. Antibacterial.



Cycloclean

Nippon Basic
Can create drinking water, by pedaling, from water sources, such as rivers and fire extinguishing water. In one hour, supplies enough water for consumption by 180 persons.



Eliica

Electric Vehicle Laboratory, Keio University
Electric vehicle with maximum speed of 370km/hr. Research on electric buses that apply this technology is also underway.

» Supporting research and entrepreneurship in Kawasaki

Asian Venture Business Town



Project that actively supports researchers and business persons from Asia looking to conduct R&D or start businesses in Kawasaki. Office space within Techno Hub Innovation Kawasaki (THINK) is provided at a low cost. Management and lifestyle-related consultations are provided.



Lively discussions between companies at THINK

I used to think Kawasaki was a "city of heavy industries" when I was in my home country of China. I found out that Kawasaki also has many SMEs with exceptional technologies only after I started living here. I moved to Venture Business Town in hopes of introducing these outstanding products in China. It is gratifying to be able to bridge the needs of Japan and China and provide business opportunities.

Mr. Guangri Jin
President, JANB



» Showcasing of environmental technologies to the world

Kawasaki International Eco-Tech Fair

Introduces Kawasaki's environmental initiatives as well as distinguished environmental technologies and products of domestic and overseas companies. It is an international forum for matching up businesses, with the aim of contributing through technological transfers, as well as an event to increase residents' familiarity with the environmental technologies of Kawasaki.

» International strategic base



King Skyfront

The Tonomachi zone of the coastal area is inviting research institutions and companies to establish their headquarters, in order to develop the zone into an R&D hub for life sciences and the environment, also taking advantage of its proximity to Haneda Airport and the Tama River shore.



(Left) King Skyfront aims to become a life sciences research hub
(Right) Across the Tama River is Haneda Airport



(Left) Plant that reuses used pet bottles



(Right) Plant that turns mixed-paper waste into toilet paper

» Goal is "zero waste"



Kawasaki Eco Town

Cooperation between companies is promoted to achieve harmony between the environment and industry. Many overseas groups visit the Zero-Emission Industrial Complex. There, factories make effective use of emissions generated from other factories, as well as cutting-edge resource recycling facilities.

» Using steam from thermal power generation

Kawasaki Steam Net

Steam used to generate power at Tokyo Electric Power Company's Kawasaki Thermal Power Station supplies energy for industrial usage for ten companies through a 6.5km-length pipe. This has reduced annual fuel use by about 14,000kl (crude oil equivalent) and CO₂ emissions by about 31,000 tons compared to before, when factories individually produced steam using boilers.



(Left) Pipe with a design selected in a competition (Right) 6.5km-length pipe route