

Environmental Conservation Activities



Social Requirements

- Reduction of environmental impacts
- Global warming prevention
- Waste reduction

The FDK Approach

- Promote the development of environmentally friendly products
- Reduce greenhouse gas emissions
- Reduce the amount of waste generated

Highlights of Environmental Conservation Activities

9th Environmental Action Plan of 6 target items 4 achieved	Design for environment Achieved at 2 out of 4 sites	Reduction of greenhouse gases Target achievement	Energy consumption per unit Target achievement
Reduction of chemical substances Target achievement	Reduction of waste Target achievement	Local environmental efforts and social contribution activities Not yet achieved	

Environmental Conservation Initiatives

Protecting the Global Environment

Basic Concept

As a member of the Fujitsu Group, the FDK Group recognizes the need for action toward the realization of an independently sustainable and recycling-oriented society with initiatives toward environmental conservation that follow the business activities of the company, which include not only legal compliance in each country and region, greenhouse gas reduction, waste reduction, and thorough management of chemical substances but also the reduction of our environmental impact through the products that FDK provides. FDK established the FDK Group Environmental Policy to promote even more robust Group-wide management environment.

FDK Group Environmental Policy Action Guidelines

1. Promote and continually enhance environmental management through an environmental management system that complies with the ISO 14001.
2. Promote the sustainable use of natural resources, measures to combat climate change, protection of the ecosystem, and measures to prevent environmental pollution.

3. Comply with all requirements that have been agreed upon from environmental laws and regulations to agreements made with administrative bodies related to FDK business activities.
4. Undertake initiatives through relevant departments using the items below as prioritized themes:
 - (1) Promote eco-conscious product development.
 - (2) Promote energy savings.
 - (3) Properly manage chemical substances.
 - (4) Reduce waste and promote recycling.
 - (5) Promote local environmental efforts and social contribution activities.
 - (6) Advocate initiatives for suppliers and customers to reduce CO₂ emissions.
5. Set environmental goals and targets to achieve in the Environmental Policy and promote environmental management as an effort undertaken by all employees whether FDK Group companies or partners.
6. Raise awareness about the Environmental Policy with all employees whether FDK Group companies or partners working on FDK Group premises and also share it with the general public.

ISO 14001 Certification Status

FDK Corporation

- Head Office, Kosai Plant, Washizu Plant, Takasaki Plant, Tottori Plant
- Sales offices: Tokyo Metropolitan Area, Sapporo, Sendai, Nagoya, Osaka, Hiroshima, Fukuoka, Okinawa Sales Center

Domestic group companies

- FDK ENGINEERING CO., LTD.
- FDK SALES CO., LTD.
- FDK ECO-TECH CORPORATION
- FDK PARTNERS CORPORATION

Overseas group companies

- FUCHI ELECTRONICS CO.,LTD. (Taiwan)
- XIAMEN FDK CORPORATION (China, Xiamen)

Our Plan for Carbon Neutrality

The Fujitsu Group's medium- to long-term environmental vision sets a target of zero CO₂ emissions by 2050. In addition, as part of the RE100 (an international initiative that aims for companies to supply 100% of the electricity used in their business activities from renewable energy sources), the company has set a target of supplying at least 40% of

the electricity used in its business activities with renewable energy sources by 2030, and 100% by 2050. The FDK Group will continue to work towards carbon neutrality in line with Fujitsu's goals.

Green Procurement

The FDK Group considers how to improve global environmental problems, and is working to contribute to the sustainable development of society by conducting business activities that consider the environmental burden and supply environmentally friendly products. As part of these efforts, it is essential that the products we obtain from our suppliers are also environmentally friendly, and we have summarized this idea in the FDK Group Green Procurement Standards.

In order to coexist with the global environment and manufacture products that work in harmony with it, the FDK Group is conducting Green Procurement, which takes into account environmental aspects in addition to the aspects of quality, cost, delivery, and service that we have traditionally pursued.

*FDK Group Green Procurement Standards, Version 7.0
(https://www.fdk.co.jp/kankyoku/green_proc.html)

FDK Group Environmental Policy

The FDK Group will promote environmental management under its slogan based on the philosophy below.

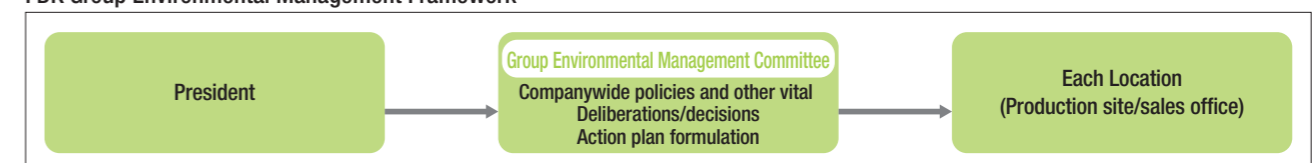
Philosophy

As a Smart Energy Partner that assembles advanced technologies, the FDK Group would like our customers to best utilize electric energy in a safe and efficient manner, and it hopes to contribute to the materialization and development of a sustainable society. Moreover, the FDK Group will promote environmental initiatives as efforts undertaken by all employees whether FDK Group companies or partners through fair corporate activities which comply with environmental laws and regulations to pass down a beautiful global environment rich with nature to the next generation.

The FDK Group Slogan

FDK Group Cares about Nature and Safeguards Our Planet.

FDK Group Environmental Management Framework



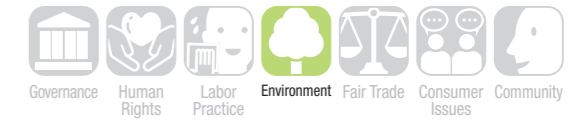
Basic Concept

The FDK Group has formulated a plan that conforms to the Fujitsu Group Environmental Action Plan and it has been promoting environmental initiatives.

Through these policies and targets, FDK Group will contribute to

reducing the environmental impact of customers and society while striving to reduce the environment impact of the FDK Group by strategically and continuously expanding environmental conservation activities to all FDK business regions. Results for FY2020 are shown on next page.

Environmental Conservation Activities



FDK Group 9th Environmental Action Plan FY2020 Achievements

Items	Action Plan	Overall Evaluation
Design for environment	Develop at least four battery products or electronic devices annually that contribute to better energy efficiency (energy savings) at all sites.	×
	Develop at least three battery products or electronic devices annually that contribute to better resource efficiency (resource savings) at all sites.	×
Reduction of greenhouse gases	Limit overall CO ₂ emissions from energy consumption at the FDK Group in Japan to 34,568 tons or less by the end of FY2020.	○
Energy efficiency	Improve the energy consumption per unit 1% compared to the previous fiscal year at all sites as an indicator of energy use.	○
Reduction of chemical substances	Improve PRTR chemical emissions per unit by 5% compared to FY2015 by the end of FY2020 at all sites as an indicator of PRTR chemical substance use.	○
Reduction of waste	Improve the amount of waste generated per unit by 5% compared to FY2015 by the end of FY2020 at all sites as an indicator of waste production.	○
Local environmental efforts and social contribution activities	Conduct at least 25 initiatives a year toward local environmental efforts and social contribution activities throughout the FDK Group.	×

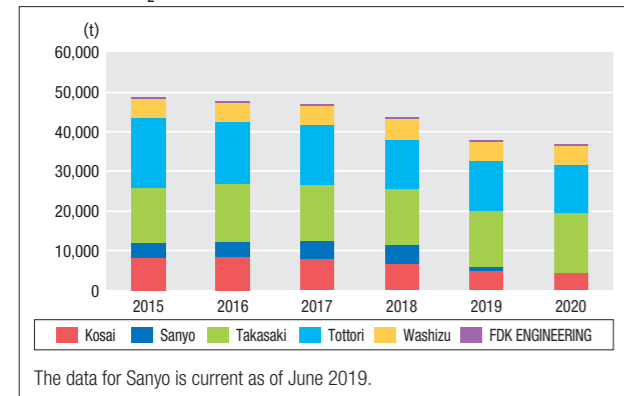
Social Contribution Activities

As part of its activities for contributing to society, FDK supports "The Sound of Batteries Powered by the Sun" Concerts by Yumiko Orishige, one of the world's only clavichord performers. These concerts are powered entirely from Ni-MH batteries charged using sunlight, representing a collaboration between Yumiko Orishige, a musician whose music is based on the theme of protecting the global environment, and our environmentally friendly rechargeable batteries aimed at renewable energy.

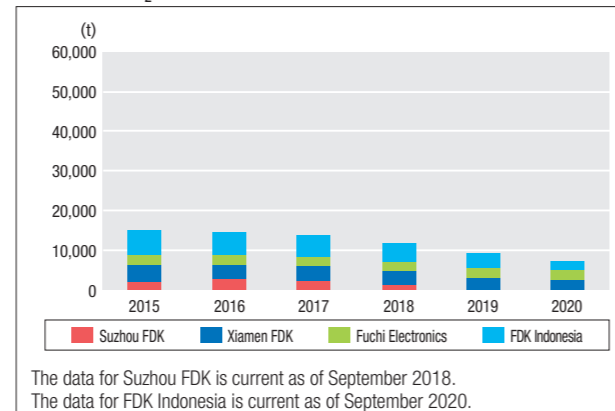
FDK will continue to engage in projects that contribute to society and the environment through the activities that utilize the features of FDK businesses.



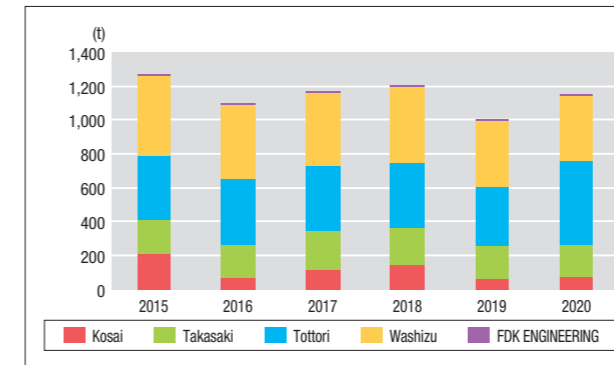
Change in CO₂ Emissions (Japan and Overseas) FY2015 to FY2020



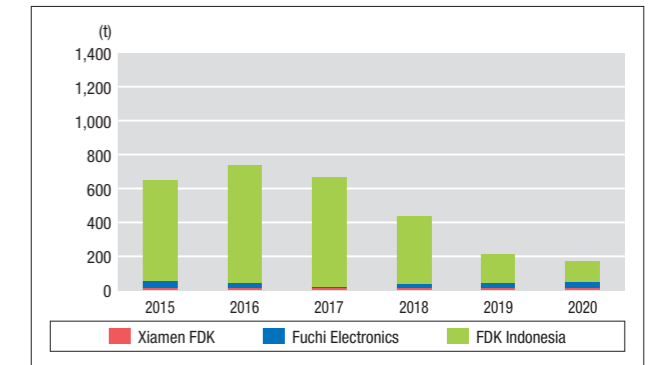
Change in CO₂ emissions (Overseas)



Change in Amount of Waste (Japan and Overseas) FY2015 to FY2020



Change in Amount of Waste (Overseas)



Environmental Performance Data by Business Site

Items	(Unit)		Kosai Plant	Takasaki Plant	Tottori Plant	Washizu Plant	FDK Engineering
CO ₂ emissions	(t-CO ₂)	FY2020	4,494	14,928	12,153	4,908	137
		Previous fiscal year	4,912	14,017	12,501	4,934	131
Water usage	(m ³)	FY2020	68,294	22,948	63,636	41,464	433
		Previous fiscal year	82,774	22,012	67,145	44,685	480
PRTR chemical emissions	(kg)	FY2020	0	3	0	0	—
		Previous fiscal year	0	0	171	0	—
SO _x emissions	(kg)	FY2020	—	—	—	—	—
		Previous fiscal year	—	—	—	—	—
NO _x emissions	(kg)	FY2020	247	—	1,017	—	—
		Previous fiscal year	344	—	2,337	—	—
Soot (measured density)	(g/Nm ³)	FY2020	Less than 0.01	—	—	—	—
		Previous fiscal year	—	—	—	—	—
Waste water	(m ³)	FY2020	68,294	22,314	36,442	41,464	433
		Previous fiscal year	82,774	20,977	35,589	44,802	480
Waste	(t)	FY2020	81	188	497	385	5
		Previous fiscal year	67	195	346	388	4

Items	(Unit)		FDK ECOTEC	Xiamen FDK	Fuchi Electronics	FDK Indonesia
CO ₂ emissions	(t-CO ₂)	FY2020	30	2,495	2,638	2,144
		Previous fiscal year	27	3,016	2,686	3,446
Water usage	(m ³)	FY2020	—	15,701	11,305	6,679
		Previous fiscal year	—	21,150	10,377	12,627
PRTR chemical emissions	(kg)	FY2020	—	—	—	—
		Previous fiscal year	—	—	—	—
SO _x emissions	(kg)	FY2020	—	—	—	—
		Previous fiscal year	—	—	—	—
NO _x emissions	(kg)	FY2020	—	—	—	—
		Previous fiscal year	—	—	—	—
Soot (measured density)	(g/Nm ³)	FY2020	—	—	—	—
		Previous fiscal year	—	—	—	—
Waste water	(m ³)	FY2020	—	12,561	11,305	6,011
		Previous fiscal year	—	16,920	10,377	11,364
Waste	(t)	FY2020	—	11	31	124
		Previous fiscal year	—	10	32	166

Note: CO₂ conversion coefficient 0.57 (t-CO₂/MWh)

FDK Indonesia until Q2