


Management information

Relevance to our business

The Fuji Oil Group's business requires the use and discharge of water to grow crops (our main raw materials) and manufacture our products. We therefore recognize water stewardship as a material business issue.

Basic approach

Water shortages are intensifying around the world. Because of global warming, hundreds of millions of people will face rising water stress in the coming decades.*1 By 2080, an additional 1.8 billion people may no longer have access to the water they need.*2 Against this backdrop, the Fuji Oil Group aims to conserve water resources in our product manufacturing processes based on the Basic Policy of Environmental Integrity. Environmental Vision 2030*3 expresses our Group-wide commitment to make significant water use reductions by 2030. We monitor water-related risks and implement necessary countermeasures to identify and correct the impact of our operations on water resources. To minimize the environmental impact of our water withdrawals and discharges, we manage water use based on the standards and regulations of each country or region in which we operate or based on our own, higher-level standards.

> [Fuji Oil Group Basic Policy of Safety, Quality and Environment \(PDF, 331KB\)](#) 

*1 Intergovernmental Panel on Climate Change (IPCC) Special Report on Global Warming of 1.5°C

*2 UNDP Human Development Report 2007/8

*3 Follow the link below to learn more about Environmental Vision 2030.

> https://www.fujioilholdings.com/en/sustainability/environmental_management/

Management system

Water use reduction initiatives were overseen by the Chief “ESG” Officer (C“ESG”O) in FY2021. Since FY2022, that role has been transferred to the ESG Representative. The Sustainability Committee,*1 an advisory body to the Board of Directors, monitors the progress and results of initiatives as a material ESG issue.*2

*1 Follow the link below to learn more about the Sustainability Committee.

> https://www.fujioilholdings.com/en/sustainability/sustainability_management/

*2 Follow the link below to learn more about material ESG issues.

> <https://www.fujioilholdings.com/en/sustainability/materiality/>

Goals / Results

2030 targets*1	FY2021 results*1	Progress
20% reduction in water intensity*2 (All Group companies)	25% reduction	124%

*1 Base year: 2016

*2 Water use per unit of production

FY2021 Goals	FY2021 Results	Self-assessment
Make sure all employees are familiar with Environmental Vision 2030	<ul style="list-style-type: none"> Promoted understanding by explaining Environmental Vision 2030 to Group companies (held online) Provided feedback to Group companies regarding the aggregation and analysis of Group environmental data and shared best practices between companies 	○
Take water use reduction efforts to the next level through environmental audits	Conducted environmental audits at four companies. Raised awareness and overall Group performance through verification, evaluation and encouraging improvements	○
Support Group companies in putting together a water use reduction strategy (e.g. introduce data collection systems that make it easier for managers to check their water data quickly and easily; share best practices, such as water recycling methods and installation of water-efficient equipment, between Group companies)	Enabled timely collection of environmental data by installing data collection systems	○

Analysis

Status of progress on 2030 targets

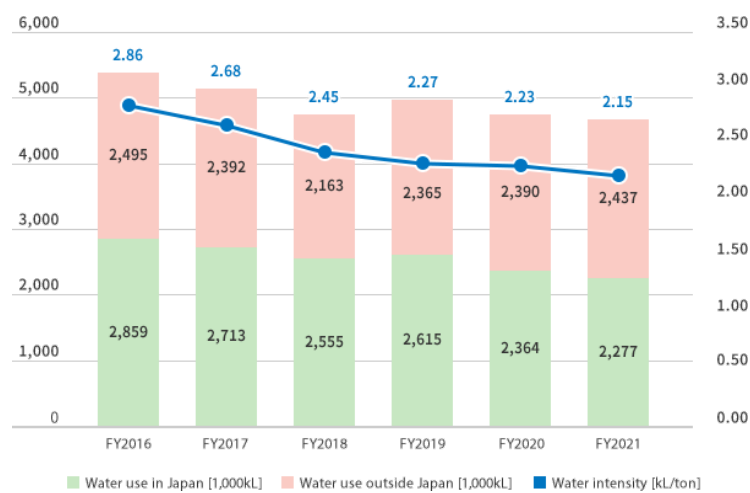
Water use intensity in FY2021 was 25% lower than baseline, an improvement of three points from the previous year's 22% reduction. This represents a 124% achievement rate relative to our 20% reduction target. This decline in water use intensity was despite an increase in production levels resulting from initial signs of improvement in the COVID-19 pandemic. In Japan, production facility cleaning methods were revised, which led to reductions in rinsing water use. Group companies in other countries reduced the number of times they cleaned production facilities and addressed water leaks.

Actions taken for FY2021 targets

We carried out initiatives in FY2021 to achieve Environmental Vision 2030. Through online environmental audits, we explained the Vision and shared our approach to water conservation with Group companies.

We also collected and analyzed data using the environmental data collection systems we introduced in FY2021. We plan to use the insights from this timely analysis to pursue further reductions going forward.

Annual water use and water intensity



Next step

- Start collecting environmental data in a timely manner using environmental data collection systems
- Deliberate and decide on new reduction targets
- Promote reduction efforts and pursue innovations

Specific initiatives

Risk management and countermeasures

The Fuji Oil Group manages water risks as one of many risks to our business. Water risks include water withdrawal, impact on water quality, storms, floods, and violations of wastewater regulations. To manage these risks, each Group company follows a PDCA cycle, which includes identifying material risks, planning and implementing a management strategy, evaluating results, and making improvements. We assess water risks in each region where Group companies have operations. This assessment takes into account Aqeduct* analysis results and is based on the Group's risk management system, which utilizes risk maps. This assessment helped us identify wastewater compliance risks at a Group company in China and flooding risk at a Group company in Indonesia as new material risks. We are now developing measures to prevent new risks from arising and to mitigate losses from risks that do occur.

* A global water-risk mapping tool provided by the World Resources Institute (WRI)

Water conservation efforts at Group companies

In FY2021, we carried out the following initiatives to conserve water, among others.

- Companies such as Fuji Oil Co., Ltd. Kanto Plant and F&F Co., Ltd. (Japan) saved water by changing the way they clean production equipment.
- Fuji Oil Co., Ltd. Chiba Plant (Japan) cleaned production equipment less often because of an increase in the operation rate of its production lines.
- Fuji Oil (Zhang Jia Gang) Co., Ltd. (China) reused steam condensate for fire extinguishing purposes.
- PT. Freyabadi Indotama (Indonesia), Fuji Oil (Thailand) Co., Ltd. (Thailand), and Fuji Oil (Zhaoqing) Co., Ltd. (China) repaired water leaks in their production processes.

Related documents

[ESG Data Book \(PDF 2.76MB\)](#) 