

# Environment

## Basic Policy regarding Environment

Placing great importance on reducing environmental impacts throughout product life cycles, Olympus is actively working to improve the environmental performance of its products, facilities, and logistics processes.

### Olympus Group Environmental Policy

Based on our corporate philosophy of "Making people's lives healthier, safer and more fulfilling" that provides the basis for all corporate activities, the Olympus Group respects people's security, health and the natural mechanisms. We will contribute to the realization of a sustainable society and sound environment by working to make the environment and economy compatible throughout our business operations.

- 1. Participation by All**  
Each employee enriches their understanding of environmental activities and each one of us will participate in the environmental activities conducted in consideration of the local features.
- 2. Promotion of Environmental Management**  
We will maintain the environmental management system and mechanism on a global scale so that we can continuously improve our environmental activities.
- 3. Compliance with Laws, Regulations, and Social Norms**  
We will fully comply with the laws and regulations, agreements with our stakeholders, and our voluntary standards in respect to the environment.
- 4. Reduction of Environmental Impact**  
Toward the solution of environmental issues, prevention of pollution, sustainable resource use, climate change mitigation and adaptation, and protection of biodiversity, we will reduce environmental impact or our products, services and business activities.
- 5. Development of Technologies to Foster Harmony with the Environment**  
We will develop the technologies that contribute to environmental protection and will make use of the results in our manufacturing processes, products and services.
- 6. Attributing Importance to Environmental Communication**  
We will proactively dispatch information about our environmental activities within and outside Olympus to deepen mutual understanding with our stakeholders.

## Environmental Risk Management

Chemical substances in products, violation of laws and regulations on effluent from manufacturing sites and contamination of soil and groundwater are serious environmental risks that affects Olympus management, from aspects such as the need to suspend business operations, cost of restoring sites to their original state and the lowering of corporate value. For this reason, efforts are underway to reduce environmental risks by developing and maintaining regulations adapted to statutory requirements, training environmental managers and the personnel involved and monitoring and improving on-site management expertise.

Olympus recognizes climate change, represented by the frequent occurrence of abnormal meteorological conditions and stronger demands from the international community to prevent global warming, as a major environmental issue that affects our business activities. For example, we might experience increases in business costs due to tougher CO<sub>2</sub> reduction regulations in different countries, emissions trading, and carbon taxes, or our

supply chain may be cut off by ever-more destructive natural disasters, such as typhoons and floods. As countermeasures against these risks, we are working to improve energy use efficiency, increase our use of renewable energy, and broaden our range of suppliers.

In view of the great global interest in water risk, Olympus employs Aqueduct, a water risk evaluation tool from the World Resources Institute (WRI) and disaster prevention maps to evaluate physical water stress and regulatory risks that apply to the water resources for its key development and production sites to confirm that they are not located in high-risk regions. Although the impact on the business activities of Olympus is minimal, business sites are being set up in locations with abundant water resources, water consumption by our business activities is being reduced, managers are being appointed at our wastewater facilities and regular measurements conducted on wastewater.

## Targets, Measures, and Results of Major Environmental Activities

FY2019 Targets	Main Measures	FY2019 Results	FY2020 Targets
 Energy consumption rate: <b>Improve by 5.9% or more (compared with FY2013)</b> Expand use of renewable energy	<ul style="list-style-type: none"> <li>Ongoing implementation of manufacturing improvement activities</li> <li>Introduction of energy saving equipment</li> <li>Ongoing implementation of energy-saving activities on a daily basis, including switching off lights and adjusting air-conditioning temperatures</li> <li>Effective use of renewable energy</li> </ul>	Energy consumption rate: Improved by <b>12.8% (compared with FY2013)</b> Amounts of renewable energy: <b>17,239MWh (Improve by 12% over FY2018)</b>	Energy consumption rate: <b>Improve by 1% or more (compared with FY2019)</b> Expand use of renewable energy
 Water use rate: <b>Improve compared with FY2018</b>	<ul style="list-style-type: none"> <li>Improvements in water use processes</li> <li>Implementation of anti-leak measures during equipment inspections</li> </ul>	Water use rate: <b>Improved by 6.3% (compared with FY2018)</b>	Water use rate: <b>Improve compared with FY2019</b>
 Waste recycling rate: <b>Improve compared with FY2018</b>	<ul style="list-style-type: none"> <li>Reduction of process defects</li> <li>Recycling organic solvents</li> <li>Improvement in recycling rate by thorough separation and other measures</li> <li>Use of biodegradable plastics</li> </ul>	Waste recycling rate: <b>Same as FY2018</b>	Waste recycling rate: <b>Improve compared with FY2019</b>

CSR Data Book: [https://www.olympus-global.com/csr/download/pdf/csr\\_db\\_2019\\_14.pdf](https://www.olympus-global.com/csr/download/pdf/csr_db_2019_14.pdf)

## Product Life Cycle Assessments

The Olympus Group incorporates various environmentally conscious technologies in each stage of the life cycles of our products (product development, procurement, manufacturing, transportation, use, etc.). We are also contributing to the resolution of environmental issues through our products.

