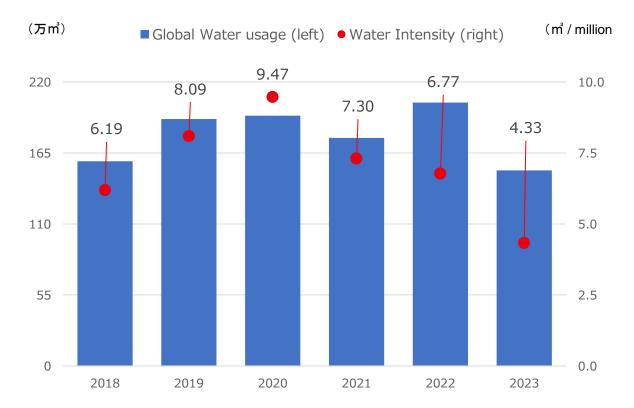
Prevention of depletion of groundwater



■Basic Concept

Our company fully understands its impact and responsibilities to the global community and promotes improvement activities based on the indicators shown here.

Trend of water usage · intensity (global)



Global data (coverage ratio in 2018: 90%, since 2019: 100%)

Initiatives to reduce water usage

The cutting fluid system is run and monitored on a continuous daily basis resulting in fewer coolant changes. Water is recycled and cutting fluid changes have been reduced during the winter months. In addition, we have been able to install filters and adjust operating conditions to enable the use of re-circulating water in parts of forging processes where only freshwater could previously be used. We are now rolling this out to our German plants. Other environmental activities include tree planting and cleanups in various countries, and we are working together with local communities to preserve the environment.



Reduction in the number of cutting fluid changes by installing oil-skimming equipment



Coolant accumulated in the chip truck is circulated through the liquid connector and used.



Circulating and utilizing water for cooling high-pressure gas



Equipment installed to recover and recycle forging die-lubricant.