

Sustainability Indicators and Targets

For each of the six contribution areas, we have established long-term indicators to measure the degree of contribution to society (social impact indicators) and medium-term indicators to measure the growth of businesses that contribute to society (business activity indicators) under AG2023. We aim to achieve the goals for the Social Impact Indicators by taking actions in line with the Business Activity Indicators. The Business Activity Indicators have been set for focus areas selected in the process of materiality analysis. The officer-level persons in charge of each business incorporate activities to achieve the goals into the members of the organization within the Group. Through the PDCA cycle for these indicators, we will accelerate contribution and growth.



Indicators for six contribution areas



Social Impact Indicators

The following table shows the indicators and targets for 2030, from a social impact point of view, for six contribution areas.

Contribution area	SDGs	Indicator	FY30 (FY40) target	FY22 actual
Achieving carbon neutrality		CO ₂ emissions control amount through customers* ¹ (accum. from FY18)	1 billion t-CO ₂ (50% or more from renewable energy and new technologies)	380 million t-CO ₂ (270 million t-CO ₂ from renewable energy) Mainly contributions to wind power generation increased.
		GHG emissions (Scope1,2) (base year FY19)	50% reduction by FY30 100% reduction by FY40	14.8% reduction Procurement of renewable energy increased.
		GHG emissions (Scope3)* ² (base year FY19)	30% reduction by FY30	4.4% reduction Emissions were controlled due to a reduction in the sales volume of hardware products.
Improving efficiency in society & industry		Economic value created by improving customer productivity efficiency	2 trillion yen	204.8 billion yen We are expanding the production and energy efficiency businesses.
Optimizing plant lifecycle & protecting environment		Number of plants/factories where Yokogawa has contributed to sustainable operations	20,000 plants	6,280 plants We are contributing to sustainable operations with life cycle support.
Improving health & safety		Total number of people whose health & safety have been enhanced through solutions provided by Yokogawa's customers	100 million people	49.78 million people We are expanding the water environment solution business outside Japan.
Creating a resource-recycling ecosystem		Status of the new businesses launched that contribute to the resource recycling system	Establishment of two or more new resource recycling system business	We are developing resource recycling systems. Among such efforts is the biomass materials business of Yokogawa Bio Frontier Inc.
Creating workplaces where people can fulfill their potential		Engagement to enhance employee well-being	At a level comparable to other leading companies	Engagement survey score 76% We are working to improve employee engagement by taking measures based on survey results.
		Achievements in human resource development and capacity development for transformation	Advancing employee's future skill set (skills to play active role in new businesses and new areas)	We are developing human resources that can contribute to business growth. For example, we are developing DX human resources.
		Achievement level of diversity and inclusion	Proportion of women in managerial positions 20%	13.3% We are striving to increase the rate, considering local conditions.
			Enhanced diversity at senior decision-making levels	We are considering defining diversity needed for business growth and setting targets.

*1: We aggregate the difference between customers' CO₂ emissions from renewable energy-related business or low-carbon energy production, and average CO₂ emissions from fossil fuels usage, then record it as a result.

*2: Products and services purchased (Category 1) and using of sold products (Category 11) are covered.

Business Activity Indicators

The following table shows the business activity indicators and targets for 2023. Their achievement will contribute to the achievement of the targets that have been set for the social impact indicators.

Contribution area	Focus area* ¹	Indicator	FY23 target	FY22 actual
Achieving carbon neutrality	Supporting power generation by renewable energy	CO ₂ emissions control amount through customers* ² (accum. from FY18)	500 million t-CO ₂	380 million t-CO ₂
	Supporting distribution, storage, and utilization of renewable energy	Sales growth rate of measurement instrument to renewable energy customers (base year FY20)	2.2 times	2.5 times
		Growth rate of number of units shipped of battery electrode thickness gauge (base year FY20)	1.7 times	3.2 times
	(within Yokogawa) GHG reduction at Yokogawa sites and in supply chain	GHG emissions (Scope1,2) (base year FY19) GHG emissions (Scope3* ³) (base year FY19)	10% reduction 10% reduction	14.8% reduction 4.4% reduction
Improving efficiency in society & industry	Smart manufacturing business, consultation, ERP, MES, EMS	Order intake growth rate of production/energy efficiency business (base year FY20)	1.3 times	1.2 times
	Value chain optimization for pharmaceutical and food customers (MES, LIMS, EQMS)	Order intake growth rate of pharmaceutical and food value chain optimization business (base year FY20)	1.3 times	1.1 times
	(within Yokogawa) Operational optimization	Reduction of business operation hours by automation (base year FY18) Digitization rate of operation process	300,000 hours reduction 63%	329,066 hours reduction 63%
		Number of life cycle support contracted plants	6,000 plants	6,280 plants
Optimizing plant lifecycle & protecting environment	Supporting long-term optimal operation solutions of the plant	Order growth rate of number of wireless asset health monitoring sensor units (base year FY20)	3.2 times	1.4 times
		Number of equipment maintenance management system contract licenses	8,500 licenses	7,683 licenses
	Supporting reduction of environmental footprint of the plant	Order intake growth rate of process analyzer (base year FY20)	1.3 times	1.2 times
	(within Yokogawa) Reduction of Yokogawa's environmental footprint (water, biodiversity)	Water withdrawal amount at Yokogawa sites (base year FY19)	4% reduction	2% reduction
Improving health & safety	Supporting safety and security of plant and workers	Number of safety instrumented systems provided Number of plant operator training systems provided	157 systems 30 systems	157 systems 21 systems
	Life science business	Sales growth rate of drug discovery development support products (base year FY20)	2.5 times	1.2 times
	Supporting lifeline, water, and sewage businesses	Number of solutions provided for water environment improvement (excluding Japan)	90 solutions	87 solutions
	(within Yokogawa) Occupational health and safety of workers at Yokogawa, respect for human rights	ISO45001 certification acquisition record	Acquisition at major companies (12 companies)	Acquisition at major companies (10 companies)
Creating a resource-recycling ecosystem	Contributing to functional chemical and biochemical industries, Supporting efficiency improvement of the recycling businesses	Order intake growth rate for specialty & fine chemical industry (base year FY20)	1.6 times	2.6 times
Creating workplaces where people can fulfill their potential	(within Yokogawa) Employee well-being & engagement	Engagement survey score	81%	76%
	(within Yokogawa) People capability development for change	Training hour per person	40 hours per year per person	41.3 hours
	(within Yokogawa) Promotion of diversity & inclusion	Female manager ratio Employment rate of disabled persons (Japan)	12.5% 2.50%	13.3% 2.52%

*1: Symbols indicating "business segments" and "foundation for business" corresponding to focus areas

■ Energy & Sustainability, ■ Materials, ■ Life, ◆ Measuring instruments, ★ New businesses and other, ○ Foundation for Business

*2: We aggregate the difference between customers' CO₂ emissions from renewable energy-related business or low-carbon energy production, and average CO₂ emissions from fossil fuels usage, then record it as a result.

*3: Products and services purchased (Category 1) and using of sold products (Category 11) are covered.