

Medium-Term Plan Self-Assessment Indices

In fiscal 2006, the Daiwa House Group introduced a CSR self-assessment index to measure and “visualize” the results of our activities for the environment and society. This has been beneficial in making improvements to CSR activities.

Along with the start of the 6th Medium-Term Management Plan, we formulated Endless Green Program 2021 and Endless Social Program 2021. Progress is managed annually by each related department using indices to assess the results of the plan (implementation period: fiscal 2019 to fiscal 2021), with the goal of achieving performance objectives and strengthening management foundations.

The results of our self-assessment for fiscal 2019, the first year of the plan, are as follows.

■ Results and self-assessment of the Action Plan for the Environment (Endless Green Program 2021)

Environmental theme	Focal themes	Management indicator (KPI)	Scope	2018 results	2019 targets	2019 results		
General	Products and services	Pursue both environmental stewardship and corporate earnings by developing and selling products/services that are tied to the environment	Sales of environmental contribution business	Daiwa House Group	1,117.2 billion yen	1,250.0 billion yen	1,227.7 billion yen	
	Procurement	Provide important suppliers with support in setting targets and promoting efforts	Setting rate of suppliers' greenhouse gas emissions reduction targets	Daiwa House Group	54%	70%	71%	
Slowing and adapting to climate change (energy)	Business activities	Continue ZEB practices with new constructions, and energy-efficiency improvements and systematic equipment replacement with existing facilities Expand power generation projects driven by renewable energy (wind, solar, hydro and biomass)	GHG emissions (from the fiscal 2015 level, per unit of sales)	Daiwa House Group	26.3% reduction	28% reduction	31.9% reduction	
			Energy efficiency (EP100) (from the fiscal 2015 level)	Daiwa House Group	1.27 times	1.28 times	1.34 times	
			Renewable energy utilization rate (RE100)	Daiwa House Group	0.23%	0.30%	0.30%	
			Renewable energy rate	Daiwa House Group	84.5%	85%	96.4%	
	Products and services	Promote ZEH, ZEB and Green Building certification	GHG emissions derived from use of products (from the fiscal 2015 level, per area)	Daiwa House Group	20.0% increase	2% reduction	19% increase	
			ZEH sales rate	Daiwa House Industry	29%	50%	41%	
			ZEB sales rate	Daiwa House Group	22%	25.0%	33.4%	
			Rate of Green Building Certification obtained	Daiwa House Industry	15%	30%	5%	
	Harmony with the natural environment (Preservation of biodiversity)	Procurement	Promote sustainable timber procurement	Ratio of S-ranked timber	Daiwa House Group	94.9%	95%	94.3%
				Ratio of C-ranked timber	Daiwa House Group	2.1%	1.0%	0.6%
Conservation of natural resources	Business activities	Promote greening at our and Group company facilities	Development of the company's facilities filled with greenery*1	Daiwa House Group	4 (cumulative)	5 (cumulative)	7 (cumulative)	
			Compliance rate with voluntary standards	Daiwa House Group	100%	100%	100%	
	Promote 3R activities with construction waste	Production	Construction waste emissions (per unit of sales)	Daiwa House Group	61.9 kg/million yen	62 kg/million yen	61.4 kg/million yen	
			New construction	Daiwa House Group	19.3kg/m ²	19.0kg/m ²	18.7kg/m ²	
		Recycling rates	Recycling rates	Daiwa House Group	96.6%	97%	97.1%	
			Waste plastics recycling rate	Daiwa House Group	90.1%	90%	91.2%	
Promote 3R activities with plastics at service centers	Purchase volume of plastic shopping bag	Royal Home Center Daiwa Resort	—	0.1% reduction	0.7% increase			
	Water resource conservation	Identify and minimize risks to water resources Reduce water consumption in our corporate facilities as well as houses and buildings	Water consumption (from the fiscal 2012 level, per unit of sales)	Daiwa House Group	28.2% reduction	32% reduction	30.5% reduction	
Water-saving device adoption rate (housing and hotels)			Daiwa House Group	94%	95%	89%		
Prevention of chemical pollution	Business activities	Reduce the use of toxic chemicals in production stages	Release and transfer of PRTR (from the fiscal 2012 level, per unit of sales)	Daiwa House Group	49.9% reduction	50% reduction	56.8% reduction	
			VOC emission (from the fiscal 2013 level, per unit of sales)	Daiwa House Group	20.4% reduction	21% reduction	12.5% reduction	
	Products and services	Further improve indoor air quality of residential houses and facilities	Compliance rate with voluntary standards for indoor air quality	Daiwa House Group	100%	100%	97%	
Environmental education	Develop human resources for environmental management and improve environmental awareness and knowledge of the entire workforce	Number of those who acquired the Eco Test certification	Daiwa House Group	4,402	5,000	8,218		
		Green purchasing ratio	Daiwa House Group	—	93%	96.1%		

*1 Acquisition of J-HEP, ABINC, SEJES and other greening and biodiversity certification systems
*2 Goals for fiscal 2021 are scheduled to be disclosed in the next fiscal year, in accordance with conditions in the current fiscal year.

🟢: Target for fiscal 2019 achieved
🟡: Target for fiscal 2019 not achieved (achievement rate 90% or above)
🔴: Target for fiscal 2019 not achieved (achievement rate under 90%)

	Self-assessment	2020 targets	2021 targets	Pages
🔴	We advanced initiatives for environmentally conscious products and in the environmental energy business, and sales in the environmental contribution business rose 10% year-on-year. Nonetheless, we were unable to achieve our goals. We will continue to accumulate and share the expertise gained through our environmental activities we perform in the course of our business duties, and aim to expand our environmental contribution business by developing environmentally conscious products and services.	1,100.0 billion yen	— *2	P029, 185
🟢	We launched a carbon-free working group in collaboration with suppliers in our pursuit of reducing greenhouse gas emissions in the supply chain, and have shared this goal of going carbon free. As a result, the rate of goal setting by major suppliers reached 71%, and we achieved our target.	80%	90%	P034, 038, 187, 197
🟢	We achieved our goal by promoting energy conservation at each company and each division, and by expanding the use of renewable energy. Going forward, we will introduce photovoltaic systems and other reusable energy systems to Company facilities, and keep an eye out for new energy conservation technologies, verifying results and spreading them laterally.	30% reduction	35% reduction	P038, 187, 197, 198
🟢		1.3 times	1.4 times	
🟢	In addition to photovoltaic systems for in-house energy consumption, the result of promoting the new introduction of RE100 electricity at construction sites was that we were able to reach our target. Looking ahead, while putting to use our environmental energy business within the Group, we will press forward with expanding the installation of photovoltaic systems for in-house energy consumption and the purchasing of RE100 electricity.	7%	10%	P040, 189, 198
🟢	We newly added a wind power plant (16MW) in Seiyu, Ehime Prefecture, to the DREAM Project that the Group has been working on, and have achieved our goal with solar power generation of 352MW, wind power generation of 26MW and hydroelectric power generation of 2MW.	100%	100%	
🔴	By developing support tools for sales and designing, and implementing training, we were able to achieve a year-on-year improvement in the ZEH sales rate of 41%, and a ZEB sales rate of 36%. However, we were unable to reach our target for greenhouse gas emissions (per floor area). Going forward, we will work to significantly raise ZEH and ZEB sales rates by enhancing our lineup of ZEH products and by holding ZEB seminars for customers, and will strive to offer homes and facilities that offer both comfort and energy savings.	4% reduction	6% reduction	P038, 191, 197
🔴	We launched "Lifegenic," a new steel-frame product, offered a simple ZEH assessment tool, and strengthened measures and structures that are connected to the promotion of ZEH proposals. This in turn led to a ZEH sales rate higher than fiscal 2018, although we were unable to achieve our goal.	55%	60%	P041, 042, 191, 192
🟢	By offering education and holding ZEB seminars for technicians, we bolstered our ZEB proposals, and the result was a significantly higher ZEB rate for large-scale logistics facilities, enabling us to meet our target.	35%	35%	
🔴	While we pursued acquisition of certifications with regard to family-oriented hotels, obtaining certifications for logistics and elderly care facilities did not progress and we were unable to achieve our goal. We will thoroughly instill, and work to promote a policy of acquiring green building certifications at our business sites nationwide.	50%	70%	P042, 192
🔴	For timber deemed in the previous fiscal year's timber procurement survey to have a "C" rank and timber that we were unable to sufficiently confirm traceability back to its source area, our response was to work with suppliers and change sources of procurement and other efforts in our aim to conduct timber procurement that paid consideration to sustainability. As a result, in the fiscal 2019 survey, although the rate of S-ranked timber was essentially unchanged from the previous fiscal year and fell below the target, the rate of C-ranked timber fell to 0.6%, an improvement that helped us reach our target.	96%	97%	P047, 048, 050, 199
🟢		0.5%	0.0%	
🟢	The Company achieved its goal with acquisition of certifications for one forest-side housing unit, and three commercial facility units of the Group's Daiwa Lease Co., Ltd. We will continue to secure sufficient green spaces at the Company's newly constructed facilities, while contributing to the preservation of regional biodiversity.	8 (cumulative)	9 (cumulative)	P047, 048, 052, 199
🟢	We worked to develop and create communities that adhere to our self-imposed criteria at all of our projects, and we have reached our target.	100%	100%	P048, 051, 199
🟢	We made timber members that had varied by section to be as uniform as possible, as by enabling the effective use of end materials we achieved our goal.	62 kg/million yen	62 kg/million yen	P053, 054, 202, 203
🟢	By using roofing tiles that have coating on their entire surface for the roof hips on single-family and rental house divisions, we were able to substantially reduce waste emissions to reach our target.	19kg/m ²	19kg/m ²	
🟢	We achieved our goal by thoroughly classifying waste, and also by revising our waste processing route.	97%	97%	
🟢	We achieved our goal by thoroughly classifying waste, and also by revising our waste processing route.	90%	90%	
🔴	Although we made recommendations for reusable "eco bags" at stores and hotel shops, and considered switching to paper bags, we were unable to achieve our objective. Together with actively making queries about the necessity of shopping bags so as to reduce plastic, we will continue to consider charging for shopping bags.	2% reduction	5% reduction	P056
🔴	Newly introducing water-saving devices at hotels and other facilities progressed steadily. On the other hand, water usage at construction sites, where reduction measures are difficult, increased and we could not attain our target.	33.0% reduction	34.0% reduction	P054, 057, 204
🔴	At properties that are single-family and rental house divisions, or have hotel applications, we promoted the adoption of water-saving devices in order to protect water resources. However, with the installation rate stalled at 89%, we were unable to achieve our goal.	96%	97%	P058, 205
🟢	Having switched to paint that does not contain ethylbenzene, a substance that obliges special medical examinations, we were able to make a major reduction to the release and transfer of PRTR-listed chemicals. Conversely, the paint we switched to contained a great many VOCs, and we could not reach our goal with regard to VOC emissions. Going forward, we will work to reduce VOCs by revising painting methods and by cutting solvents in anticorrosive paints for steel frames and solvents in thinners for cleaning painting machines.	57% reduction	57% reduction	P059, 060, 205, 206
🔴		12% reduction	12% reduction	
🔴	Without conformity to voluntary standards in certain properties other than residential-type housing, the achievement rate amounted to 97% and we fell short of our goal.	100%	100%	P060, 062
🟢	The Group came together and we promoted test taking, so we achieved our goal.	10,000	12,000	P032, 186
🟢	Having broadly and newly promoted our activities to Group companies, the Group took action as one, and our goal was achieved.	95%	95%	P186