

President's Message on the Environment

We, Taisei Group, as the medium- to long-term vision, aim to be “the Ever-Evolving CDE³ (cubed) Company: A pioneering corporate group contributing to the development of a resilient society where people can live affluent and cultural lives.”

“CDE³” expresses the five business domains in which the Taisei Group makes particular efforts in order to realize “TAISEI VISION 2030.”

Construction (“C”): the business we take substantial role for the development of social infrastructure as the core business of the Group.

Development (“D”): the business we contribute to urban development by leveraging the comprehensive strengths of the Group, including urban redevelopment and real estate development, and PPP.

Engineering (“E”): the business we contribute to the optimization and efficiency of production-related facilities with its technological expertise cultivated over many years in pharmaceuticals and other fields.

Energy (“E”) and Environment (“E”): the domains that accelerate the development of technologies and the establishment of systems to solve environmental and social issues through above business activities.

Taken together, these initials form “CDE³.”

To realize this vision, we identified the external environment and structural changes that need to be dealt with as “Industry Transformation (IX)”, “Sustainability Transformation (SX)” and “Digital Transformation (DX)” in “TAISEI VISION 2030”, and we newly established Sustainability Division (Integrated) to strengthen our promotion functions for the Sustainability Transformation (SX) on April 1.

Especially regarding the environment, a global scale issue, we are working on “to target the front-runner status in the environmental sector, accelerating our initiatives towards carbon neutrality” by holding it as one of the key issues in our Medium-Term Business Plan.

We have set our goal: “Realization of a sustainable and environmentally friendly society” in our Environmental Policy. We support the UN Global Compact and are working with various stakeholders towards the resolution of issues and achievement of the UN Sustainable Development Goals.

In 2018, we obtained official approval for our target under “Science Based Targets (SBT),” and in 2021 set the target of “virtually zero CO₂ emissions from business activities by 2050.”

In addition, we expressed our support for the “Task Force on Climate-Related Financial Disclosures (TCFD)” and endeavor to disclose more information proactively.

In February 2022, we established “new 2030 Taisei Group Environmental Targets” and set the goal of a 50% reduction in CO₂ emissions per unit of net sales by 2030 compared with those in 2019.

In order to reduce CO₂ emissions from our business activities (Scope 1 and 2), we will own renewable energy sources to cover the power consumption needs of Taisei Group. In addition, we have compiled various measures that are effective on environmental impact-reduction under the heading of “Taisei Sustainable Action (TSA)” to be implemented by all executives and employees of Taisei Group.

In order to reduce CO₂ emissions of other companies related to our business activities (Scope 3), we have adopted our proprietary technology to develop concrete, which is a main construction material, to various types of environmentally conscious concrete for the achievement of decarbonization and effective use of resources.

Among these new types of concrete, the carbon recycled concrete fixes CO₂ within the concrete to realize negative CO₂ emissions in manufacturing processes.

Moreover, we have dedicated to promote and spread the zero energy buildings (ZEB) since before, so that our clients can reduce the CO₂ emission while they are using their buildings.

At the “Human and Space Lab,” which is the first Japanese ZEB Demonstration Building constructed at Taisei Advanced Center of Technology in 2014, we have developed a variety of state-of-the-art technologies to achieve zero energy buildings, including air conditioning and lighting technologies that incorporate natural lighting and breezes, sensing technologies that eliminate energy waste, and energy creation technologies that achieve photovoltaic power generation over the entire outer wall surface.

In accordance with the national ZEB promotion roadmap, we also promote “Green Renovation” to renovate existing structures — which account for the majority of structures in Japan — and turn them into zero energy buildings.

We are also working on decarbonization of production facilities and local communities.

Moreover, to fix CO₂ through the use of wood and reduce life cycle CO₂, we also promote efforts to build various types of wooden buildings, such as the use of wood in high-rise buildings and wood hybrid structures.

We, Taisei Group, create innovation that can resolve issues in order to achieve carbon neutral construction, and keep on challenging to deliver new value and realize a sustainable and resilient society.

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