

Item		Impact In 2030 (*1)			Affected duration (*2)	Measures	Related Web Sites	
		Overview		4° C scenario				1.5° C scenario
Transition	Risks	Tightening of decarbonization policies, laws, and regulations (introduction of carbon taxes, etc.)	<ul style="list-style-type: none"> <li>Taxes could be levied on CO2 emitted by construction and other business activities, causing cost increases. (*3)</li> <li>Energy costs necessary for construction could increase due to the introduction of renewable energies. (*4)</li> <li>Price of construction materials, which consume much energy, could rise, causing procurement cost increases.</li> </ul>	Medium	Major	Medium-long term	<p>Promote energy conservation at construction stage (less fuel consumption, less electric power usage)</p> <p>Reduce CO2 at construction stage (introducing diesel fuel alternatives and electricity from renewable sources)</p> <p>Work with supply chains to decarbonize construction machinery (Hybrid and Electric Construction Machinery, etc.)</p> <p>Increase construction waste recycling rate, use recycled and low-carbon materials</p> <p>Establish mid- to high-rise wooden building design and construction technologies and strengthen supply chains for domestic timber</p>	a a a a, b c, d
	Opportunities	Increasing need for energy conservation/renewable energy technology	<ul style="list-style-type: none"> <li>Demand for low-carbon buildings such as ZEB could increase.</li> <li>Renewable energy continues to replace conventional forms of energy.</li> <li>There is growing demand for offices with green building certification.</li> </ul>	Minor	Medium	short-long term	<p>Supply buildings that have high added value and outstanding environmental performance, such as ZEBs</p> <p>Promote development and practical application of ZEB technology and low-carbon materials (low-carbon concrete, etc.)</p> <p>Enhance proposal and sales capabilities by specialized units in carbon neutrality and construction of wooden structures and interiors, etc.</p> <p>Promote the renewable energy business, the hydrogen business, and the PPA business, and utilize expertise in these areas</p> <p>Strengthen marketing capabilities of value-enhancing and energy-conserving renovation services for existing facilities by taking advantage of our proprietary technologies</p>	a a e f g
Physical	Risks	Higher summer temperatures	<ul style="list-style-type: none"> <li>Risks to construction site worker health, including heat stroke risk, are rising.</li> <li>Poorer work conditions at construction sites could make worker shortage worse.</li> </ul>	Medium	Medium	Medium-long term	<p>Manage construction processes by paying due attention to the safety of construction workers</p> <p>Further increase productivity and construction safety using labor-saving technology and ICT</p> <p>Promote the improvement of working conditions at construction sites through measures against heat stroke and work style reform</p> <p>Promote initiatives for improving hiring and retention rates of construction workers and helping subcontractors and suppliers with the succession of their businesses and technologies</p>	h l h j, k
	Risks	More severe natural disasters (typhoon, heavy rain, flooding, etc.)	<ul style="list-style-type: none"> <li>Increasing impact from natural disasters could damage buildings and infrastructure during construction or could interrupt construction. There is also increasing risk of needing to respond to damage at suppliers of construction equipment and materials.</li> <li>Risk of natural disasters on real estate holdings could increase.</li> </ul>	Medium	Minor	Medium-long term	<p>Strengthen ability to make BCP response during disaster by building strong networks with suppliers</p> <p>Promote disaster preparedness using hazard maps and ICTs</p> <p>Promote redevelopment projects to enhance environmental, disaster prevention, and business continuity performance</p>	l - m
	Opportunities	National resilience initiatives	<ul style="list-style-type: none"> <li>There is rising demand for infrastructure construction, maintenance, and repair to prevent and mitigate disasters and build national resilience.</li> </ul>	Minor	Medium	short-long term	<p>Promote development and practical application of technologies to prevent and mitigate disasters and build national resilience</p> <p>Strengthen marketing of infrastructure construction, maintenance, and repair</p> <p>Promote one-stop business including everything from surveys and inspections using ICT to evaluations, diagnoses, repair, and reinforcement</p>	n o o

\*1 Impact : major (10 billion yen or more), medium (1 billion yen or more and less than 10 billion yen), and minor (less than 1 billion yen)

\*2 Affected duration : the short term (in 3 years), the medium term (up to 2030), and the long term (from 2031 to 2050)

\*3 Carbon tax is estimated by dividing into Japan, North America, Asia, and other regions and assuming unit costs.

\*4 Electricity prices are estimated based on unit price assumptions for Japan, North America, Asia, and other regions.