

Global Warming Action Plan(From 2025 to 2030) [From the plan for combating global warming]

項 目	内 容
(1) Total greenhouse gas emissions target	◇ All facilities of KEK Based on the Law on Rationalization of Energy Use and Conversion to Non-Fossil Energy, reduce the average energy consumption rate by 1% or more per year for five years.
	◇ General use building The greenhouse gas emissions reduction target is to reduce total emissions by 50% by fiscal 2030, based on fiscal 2013 levels. 【Target value:1,625(t)】
(2) Efforts to maximize renewable energy	1. Maximum use of solar power generation <ul style="list-style-type: none"> ・ Considering the possibility of introducing it to new buildings. ・ Improvement of existing buildings. ・ Land Development.
(3) Initiatives for the construction and management of buildings	1. Thorough implementation of energy conservation measures in buildings In principle, new construction, expansion, <ul style="list-style-type: none"> ・ and renovation projects should be ZEB-oriented or higher. 2. Selection of construction materials that contribute to reducing greenhouse gas emissions Use insulation materials for roofs, exterior <ul style="list-style-type: none"> ・ walls, etc. and use fixtures with high insulation performance. 3. Introduction of air conditioning equipment that emits less greenhouse gases <ul style="list-style-type: none"> ・ We will also introduce it when updating existing equipment.

項 目	内 容
<p>(4) Initiatives for purchasing and using goods and services</p>	<ol style="list-style-type: none"> 1. Introducing electrified vehicles <ul style="list-style-type: none"> · When replacing official vehicles, introduce vehicles that emit less greenhouse gases. 2. Introduction of LED lighting <p>In principle, LED lighting will be installed</p> <ul style="list-style-type: none"> · during new construction, expansion, renovation, and repairs. 3. Promoting Procurement of Renewable Energy Power <ul style="list-style-type: none"> · Consideration of introducing equipment that will streamline energy usage. 4. Efficient use of automobiles <ul style="list-style-type: none"> · Efficient use of official vehicles. · Use of "KEK Shuttle Bus". 5. Introduction of energy-saving office equipment, etc. <ul style="list-style-type: none"> · When updating equipment, switch to energy-saving models as much as possible. · By applying energy-saving mode settings to devices, we aim to improve usage, including reducing standby power consumption. 6. Reducing paper usage <ul style="list-style-type: none"> · Reduce paper usage by expanding paperless operations. · Promoting electronic approval.

項 目	内 容
<p>(5) Consideration of reducing greenhouse gas emissions in other administrative tasks and business operations</p>	<ol style="list-style-type: none"> 1. Reducing energy consumption <ul style="list-style-type: none"> • Proper management of heating and cooling temperatures. • Encouraging "Cool Biz" and "Warm Biz". • Turning off lights during lunch breaks and keeping lights on only when necessary at night and on holidays. 2. Reducing energy consumption in experimental facilities <ul style="list-style-type: none"> • Reducing electricity consumption by replacing experimental equipment with energy-efficient models 3. Reduce waste <ul style="list-style-type: none"> • Proper waste disposal. • Thorough inventory management of goods.