

Carbon Neutrality Partnership

Aspects of Decarbonisation	How Your Organisation Could Help (Examples for Reference)	Your Organisation’s Target / Plan / Action (<i>for Input</i>)
Overall: Decarbonisation Target		
Setting a target for total carbon emissions	<ul style="list-style-type: none"> - set a carbon neutrality target with a timeline - set carbon emissions reduction target with a timeline 	BEC is now in the process of setting a Science-based Target with the aim to announce in 2022/23.
Green Economy		
Green procurement	<ul style="list-style-type: none"> - set green procurement policy and standards - procure energy efficient appliances (such as those with Grade 1 energy labels under the Mandatory Energy Efficiency Labelling Scheme) 	The building management is implementing a Green Procurement Plan and will purchase green products as far as possible.
Green finance	<ul style="list-style-type: none"> - utilise green financing instrument to raise fund 	Not applicable to BEC.

Aspects of Decarbonisation	How Your Organisation Could Help (Examples for Reference)	Your Organisation's Target / Plan / Action (<i>for Input</i>)
Net-Zero Electricity Generation		
Developing renewable energy	<ul style="list-style-type: none"> - set a renewable energy adoption target with a timeline - install renewable energy generating equipment (e.g. solar panel, solar hot water system) where possible - participate in the Feed-in Tariff Scheme - purchase Renewable Energy Certificates 	<p>88 pcs of AIPV panels with the capacity of around 9.7kW have been installed in the roof of our building. The system has been connected to the grid and we have participated in the Feed-in Tariff Scheme.</p> <p>We have no plan to purchase Renewable Energy Certificates.</p>
Energy Saving and Green Buildings		
Energy saving targets	<ul style="list-style-type: none"> - set electricity usage reduction target with a timeline 	<p>BEC is now in the process of setting a Science-based Target with the aim to announce in 2022/23.</p>
Enhancing energy efficiency performance of buildings	<ul style="list-style-type: none"> - target for green building certification (e.g. BEAM Plus) at Platinum level - conduct green building certification for all new buildings - select existing buildings for 	<p>BEC is now renewing its BEAM Plus Existing Buildings Certificate for its owned Jockey Club Environmental Building. Target to achieve the Certificate in September 2022.</p> <p>BEC only has one building undergoing BEAM Plus Certificate renewal.</p>

Aspects of Decarbonisation	How Your Organisation Could Help (Examples for Reference)	Your Organisation's Target / Plan / Action (<i>for Input</i>)
	<ul style="list-style-type: none"> green building certification - achieve energy efficiency performance above the statutory requirements - procure energy efficient equipment and switch them off when not in use - adopt smart building technologies to reduce electricity consumption and enhance energy efficiency (e.g. smart technology to enhance energy efficiency in air-conditioning system) 	<p>The COP of the chillers and the Lighting Power Density in most of the areas are performing better than the Building Energy Codes 2021 requirements.</p> <p>BEC has procured energy efficient equipment and switch them off when not in use.</p> <p>BMS has been installed. Variable speed drives for chilled water pumps are also installed to enhance energy efficiency during part-load condition.</p>
Greater use of energy management tools	<ul style="list-style-type: none"> - conduct energy audit and implement identified energy management opportunities - conduct retro-commissioning 	<p>Energy audit was conducted in January 2022. Will implement the EMO as proposed by the REA as far as possible.</p> <p>Participated ACTShop organised by HKGBC in 2017/18.</p>
Construction / Work sites	<ul style="list-style-type: none"> - adopt Modular Integrated Construction (MiC) as appropriate - recycle construction wastes - electrify diesel-run equipment 	<p>This section is not applicable to BEC.</p>

Aspects of Decarbonisation	How Your Organisation Could Help (Examples for Reference)	Your Organisation's Target / Plan / Action (<i>for Input</i>)
	<p>in construction sites or other works areas</p> <p>adopt low carbon construction (e.g. prefabricated construction methods, low carbon construction materials)</p>	
Development of district cooling system	- adopt high efficiency chillers	District cooling is not applicable to BEC. Our building has already installed 2 variable speed oil-free air-cooled chillers.
Green Transport		
Zero carbon emissions from transport	- equip parking spaces with electric vehicle charging provision, preferably with a target and a timeline	BEC has the plan to install EV chargers for 3 out of 8 carparking spaces in Year 2022/23 in our building.
Phasing out of fuel-propelled and hybrid vehicles progressively	<p>- electrify the corporate fleet, preferably with a target and a timeline</p> <p>- adopt low carbon logistics planning and delivery with technology to reduce carbon footprint</p>	This section is not applicable to BEC.

Aspects of Decarbonisation	How Your Organisation Could Help (Examples for Reference)	Your Organisation's Target / Plan / Action (for Input)
Maintaining a public transport system with railway as the backbone	- encourage employees to use public transport	<p>A survey was conducted to reveal that most of our employees use public transport for commuting.</p> <p>Also encourage employees to use railways when performing outside duties.</p>
Waste Reduction		
Promoting waste reduction and recycling	<ul style="list-style-type: none"> - support the implementation of municipal solid waste charging (e.g. not to allow bulk-purchasing “designated garbage bags” and distributing them to tenants) - promote waste separation and recycling in commercial premises and residential estates with the set-up of centralised “recycling corners” - promote food waste recycling and participate in food waste collection programme 	<p>We support the MSW charging by measuring our waste generated and carrying out waste audit. The building management will not distribute the “designated garbage bags” to the tenants.</p> <p>Different types recycling facilities including paper, metal, plastics, glass, RVM, toner cartridges, tetrapaks, rechargeable batteries, small electrical appliances have been provided in our building for building users and public.</p> <p>A small scale food waste decomposer has been purchased and it will be open for building users’ use after testing and commissioning.</p>

Aspects of Decarbonisation	How Your Organisation Could Help (Examples for Reference)	Your Organisation's Target / Plan / Action (<i>for Input</i>)
Controlling the use of single-use plastics	<ul style="list-style-type: none"> - set a plan for minimising the use of single-use plastics, preferably with a target and a timeline - reduce the use of single-use plastic packaging - request on-site caterers and food business tenants to use reusable and durable cutleries and food containers for eat-in customers, and avoid distributing disposable plastic tableware for takeaways - install filtered water dispensers to reduce the use of plastic water bottles - offer single-use toiletries on request only - avoid the use of disposable plastic umbrella bags and install umbrella drying facilities 	<p>BEC is practicing the minimisation use of single-use plastics. We have no target and timeline.</p> <p>Our operation does not include any packaging.</p> <p>During our events, we have instructed the on-site caterers to use reusable and durable cutleries. Our staff members will also use reusable food boxes for takeaways.</p> <p>2 filtered water dispensers are installed in the public areas for the building users.</p> <p>No toiletries are provided within BEC.</p> <p>No disposable plastic umbrella bags are provided within BEC. An umbrella drying facility will be provided for building users on rainy days.</p>