

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 	<ul style="list-style-type: none"> - set carbon emission reduction target as 42% by 2030 (for Three Garden Road, Langham Place and Great Eagle Centre, baseline 2011)
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) 	<ul style="list-style-type: none"> - implement green procurement policy
Green finance	<ul style="list-style-type: none"> - utilise green financing instrument to raise fund 	<ul style="list-style-type: none"> - green loan, sustainability linked loan etc., study in progress

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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 	<ul style="list-style-type: none"> - there are 42 solar panels in Three Garden Road and 28 solar panels in Langham Place - participate in the Feed-in Tariff scheme - install 24 solar panels in Great Eagle Center, 28 solar panels in Three Garden Road, and 23 solar panels in Langham Place by 2022 - estimated total renewable energy generation is 58,240kWh per year
Energy Saving and Green Buildings		
Energy saving targets	<ul style="list-style-type: none"> - set electricity usage reduction target with a timeline 	<ul style="list-style-type: none"> - set energy usage reduction target as 22% by 2025 (for Three Garden Road, Langham Place and Great Eagle Centre, baseline 2015)
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 	<ul style="list-style-type: none"> - ONTOLO residential project has attained Gold rating under BEAM Plus New Buildings - Ho Man Tin residential project has attained provisional Gold rating under BEAM Plus New Buildings - Langham Place Retail Tower has attained Platinum rating under BEAM Plus Existing Buildings

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	<p>green building certification</p> <ul style="list-style-type: none"> - 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) 	<ul style="list-style-type: none"> - apply for BEAM Plus Existing Buildings certification for Three Garden Road and target to achieve Platinum rating in 2022 <p>The following energy efficiency projects will be conducted in our buildings:</p> <ul style="list-style-type: none"> - light-load chiller installation in Langham Place Office Tower for improving energy efficiency during night time - combination of two chiller plants will be conducted in Three Garden Road to improve operating efficiency - optimization of chiller plant and in-direct seawater cooling system will be implemented in Great Eagle Centre - adoption of EC plug fans for replacement of AHUs - installation of Variable Speed Drive for chilled water pumps and condenser water pumps <p>All projects are targeted to be completed from 2022 to 2025 and the estimated total annual energy saving is 2,000MWh.</p>
<p>Greater use of energy management tools</p>	<ul style="list-style-type: none"> - conduct energy audit and implement identified energy management opportunities - conduct retro-commissioning 	<ul style="list-style-type: none"> - target to complete energy audit for Langham Place, Three Garden Road, and Great Eagle Centre by June 2022 - conduct Retro-commissioning for Three Garden Road and identify energy saving opportunities, such as chilled water supply temperature reset and improvement of chilled water by-pass valve control - conduct energy audit and retro- commissioning in our buildings regularly

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Construction / Work sites	<ul style="list-style-type: none"> - adopt Modular Integrated Construction (MiC) as appropriate - recycle construction wastes - electrify diesel-run equipment in construction sites or other works areas <p>adopt low carbon construction (e.g. prefabricated construction methods, low carbon construction materials)</p>	<ul style="list-style-type: none"> - in our Ho Man Tin residential project, high performing building specifications will include optimized U-values, external shading devices, thermal insulation, reduced cement consumption, and reduced construction material waste
Development of district cooling system	<ul style="list-style-type: none"> - adopt high efficiency chillers 	Nil
Green Transport		
Zero carbon emissions from transport	<ul style="list-style-type: none"> - equip parking spaces with electric vehicle charging provision, preferably with a target and a timeline 	<ul style="list-style-type: none"> - there are total 505 low/medium EV chargers in Great Eagle Centre, Three Garden Road, Langham Place and Ontolo - install additional 20 medium EV chargers in Three Garden Road and 26 medium EV chargers in Langham Place by 2023. After completion of new EV chargers, the percentage of parking spaces equipped with EV chargers will be around 33%

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Phasing out of fuel-propelled and hybrid vehicles progressively	<ul style="list-style-type: none"> - electrify the corporate fleet, preferably with a target and a timeline - adopt low carbon logistics planning and delivery with technology to reduce carbon footprint 	N/A
Maintaining a public transport system with railway as the backbone	<ul style="list-style-type: none"> - encourage employees to use public transport 	<ul style="list-style-type: none"> - encourage employees to use public transport
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 	<ul style="list-style-type: none"> - support the implementation of municipal solid waste charging. - promote waste separation and recycling in our buildings and add recycling bins to collect recyclables - participate in Hong Kong Green Organisation Certification (HKGOC) Wastewi\$e scheme on yearly basis - promote food waste recycling and participate in food waste collection

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	<p>recycling in commercial premises and residential estates with the set-up of centralised “recycling corners”</p> <ul style="list-style-type: none"> - promote food waste recycling and participate in food waste collection programme 	<p>programme</p>
<p>Controlling the use of single-use plastics</p>	<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 	<ul style="list-style-type: none"> - install filtered water dispensers to reduce the use of plastic water bottles - install umbrella-drying facilities and reduce the use of disposable plastic umbrella bags

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	<p>water bottles</p> <ul style="list-style-type: none"> - offer single-use toiletries on request only - avoid the use of disposable plastic umbrella bags and install umbrella drying facilities 	