

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 | <ol style="list-style-type: none"> 1. HKPC is committed to achieving Carbon neutrality by Financial Year of 2040/41 (for HKPC building and with Scope 1, 2 & selected items of Scope 3) 2. HKPC targets to reduce Carbon emissions to 50%by 2030 from a base of Financial Year of 2015/16 |
| 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) | <ol style="list-style-type: none"> 1. HKPC has implemented green procurement policy and standards in place for all office supply related procurements 2. It is confirmed that all appliances located in HKPC building have conformed with Grade 1 energy labels |
| Green finance | <ul style="list-style-type: none"> - utilise green financing instrument to raise fund | Not applicable |

| Aspects of Decarbonisation | How Your Organisation Could Help (Examples for Reference) | Your Organisation's Target / Plan / Action (for Input) |
|--|---|--|
| 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 | <ol style="list-style-type: none"> 1. HKPC has installed a 10kW Solar panel at roof top of HKPC building. It is planned to increase to the maximum feasible capacity of solar panel at HKPC building. 2. The investment of such Solar panel capacity expansion will be decided in due courses by HKPC 3. HKPC has already participated in the Feed-in Tariff Scheme since Apr. 2020. 4. HKPC will explore the possibility of Renewable Energy Certificates |
| Energy Saving and Green Buildings | | |
| Energy saving targets | <ul style="list-style-type: none"> - set electricity usage reduction target with a timeline | HKPC has targeted to reduce 10% electricity consumption by 2025 based on the level of 2015 despite of 30% employee increase anticipated in near future |
| 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 | <ol style="list-style-type: none"> 1. HKPC will conduct feasibility study and develop and deploy green building technologies including but not limited to energy saving and smart monitoring technologies to improve the energy performance for green building certification. Meanwhile HKPC will endeavor to showcase such |

| Aspects of Decarbonisation | How Your Organisation Could Help (Examples for Reference) | Your Organisation's Target / Plan / Action (for Input) |
|---|---|--|
| | <ul style="list-style-type: none"> - select existing buildings for 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>technologies so others can take reference and utilization if applicable to their premises.</p> <ol style="list-style-type: none"> 2. Not applicable 3. Same as Point 1 4. HKPC will conduct regular energy audits to monitor energy efficiency performance and strive to achieve better performance than statutory requirements. 5. Same as above Point 1, HKPC is striving to best explore and deploy smart and green technologies to improve our building and facility operations. HKPC is in close discussion with partners to utilize Smart Building operation technologies/BMS to enhance energy efficiency. 6. Same as 5 |
| <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 | <ol style="list-style-type: none"> 1. An energy-Carbon-waste audit will be performed in 2022. Regular audits will be conducted in the next years onwards to track and monitor progress therefore enable continuous improvement. 2. Retro-commissioning study is planned to be conducted in 2022 to explore opportunities for improvement |

| Aspects of Decarbonisation | How Your Organisation Could Help (Examples for Reference) | Your Organisation's Target / Plan / Action (for Input) |
|--|--|---|
| 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 adopt low carbon construction (e.g. prefabricated construction methods, low carbon construction materials) | <ol style="list-style-type: none"> 1. Not applicable 2. Not applicable 3. Not applicable 4. Not applicable |
| Development of district cooling system | <ul style="list-style-type: none"> - adopt high efficiency chillers | <ol style="list-style-type: none"> 1. Upgrade with high efficiency chillers has been included in the consideration to achieve HKPC Carbon neutral by Financial Year 2040/41 2. The investment will be decided in due courses by HKPC |
| 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 | <p>One (1) electric charger has been already equipped at HKPC park area. We will actively investigate the possibility of installing more EV chargers also in echo with the employee and business needs. In fact, HKPC has been one of the key organizations to develop and promote green transport solutions in</p> |

| Aspects of Decarbonisation | How Your Organisation Could Help (Examples for Reference) | Your Organisation's Target / Plan / Action (for Input) |
|--|---|---|
| | | HK. With the innovations achieved, HKPC will be able to support more to the industries. |
| 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 | <ol style="list-style-type: none"> 1. HKPC is proud of itself to have Smart City Division and host a dedicated R&D center for smart mobility solutions-APAS which is taking a leading role in HK to support and develop EV vehicles and other transportation needs to serve the industry. At the same time, electrifying the corporate fleet has been included in the consideration to achieve HKPC Carbon neutral in Financial Year 2040/41 2. The investment will be decided in due courses by HKPC |
| Maintaining a public transport system with railway as the backbone | - encourage employees to use public transport | This has been a well-established practice in HKPC and we will explore more employee promotion and engagement for Carbon reduction initiatives |
| Waste Reduction | | |
| Promoting waste reduction and | - support the implementation of municipal solid waste charging | This has been a well-established practice in HKPC and we will conduct more employee promotion and engagement for Carbon reduction initiatives |

| Aspects of Decarbonisation | How Your Organisation Could Help (Examples for Reference) | Your Organisation's Target / Plan / Action (<i>for Input</i>) |
|--|---|---|
| recycling | <p>(e.g. not to allow bulk-purchasing “designated garbage bags” and distributing them to tenants)</p> <ul style="list-style-type: none"> - 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 | |
| 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 | <ol style="list-style-type: none"> 1. This has been a well-established practice in HKPC and we will explore more employee promotion and engagement for Carbon reduction initiatives. 2. Same as above 3. Same as above 4. It is confirmed that no plastic bottles in HKPC vending machine |

| Aspects of Decarbonisation | How Your Organisation Could Help (Examples for Reference) | Your Organisation's Target / Plan / Action (<i>for Input</i>) |
|-----------------------------------|---|--|
| | <p>customers, and avoid distributing disposable plastic tableware for takeaways</p> <ul style="list-style-type: none"> - 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>5. Not applicable</p> <p>6. Drying facilities have been the primary usage at HKPC entrance at normal situations. The bio-degradable umbrella bags have been used just in case of heavy rains. HKPC will further explore other options for example increase housekeeping labors and new technologies to avoid disposable plastics and reduce safety risks.</p> |