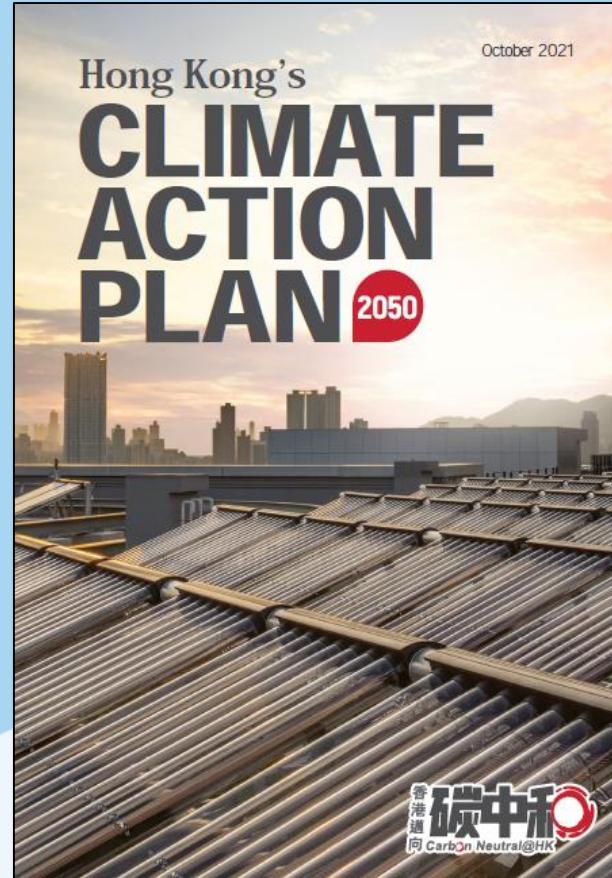
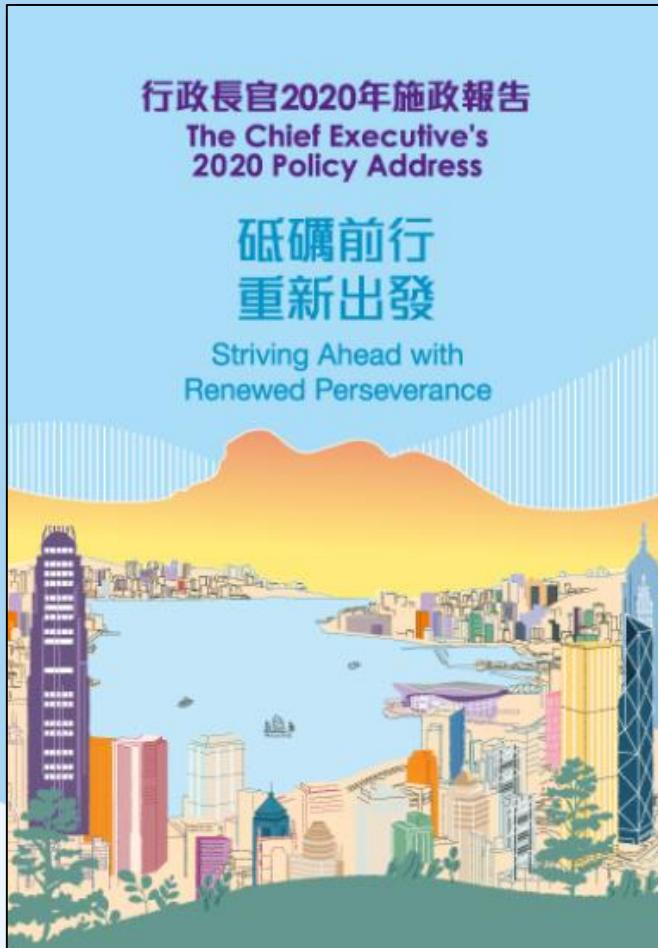




Energy Saving Charter and 4T Charter

February 2025





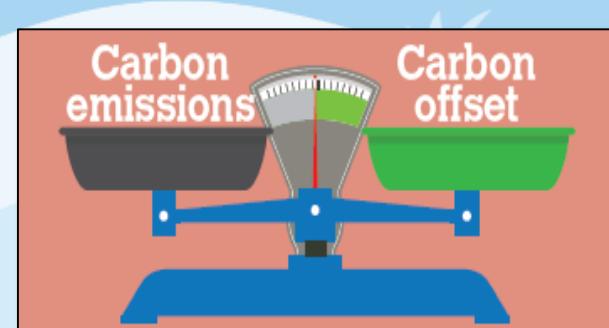
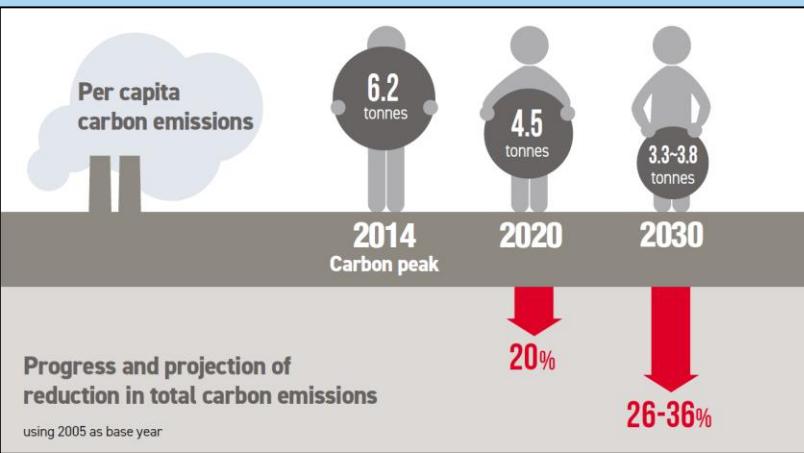
Climate Action Plan 2050 (CAP2050)



Striving towards Carbon Neutrality before 2050



Climate Action Plan 2050 (CAP2050)



Medium-to-long-term decarbonisation targets

Before
2035



Total carbon emissions
Compared with
2005 level

Before
2050



Four decarbonisation strategies



Net-zero
Electricity Generation
淨零發電



Energy Saving and
Green Buildings
節能綠建



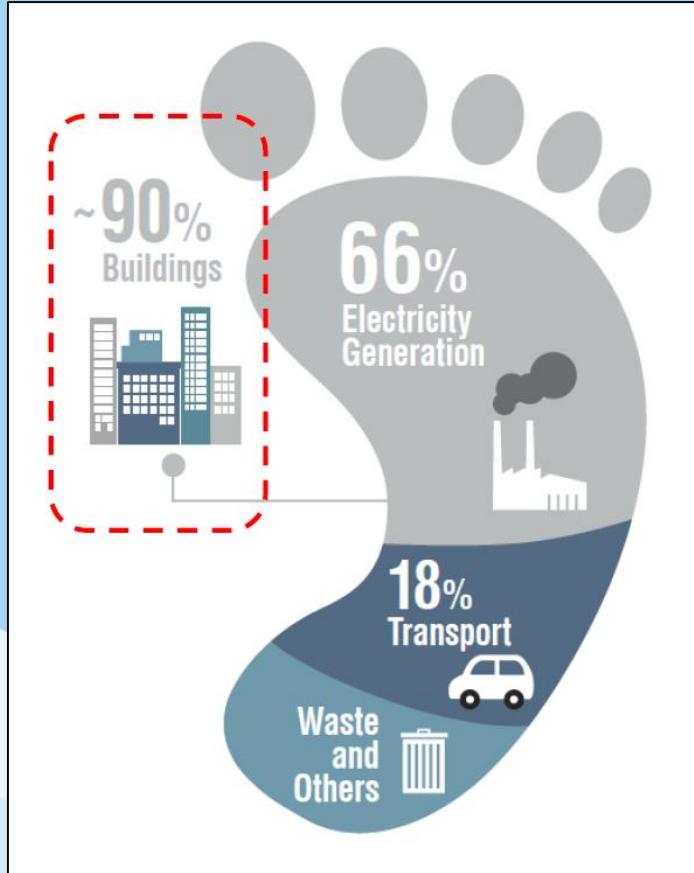
Green Transport
綠色運輸



Waste Reduction
全民減廢

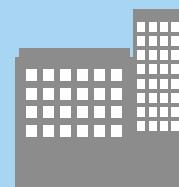


CAP2050 – Electricity consumption of Buildings



Decarbonisation comes at a price. Buildings account for about 90% of Hong Kong's total electricity consumption.

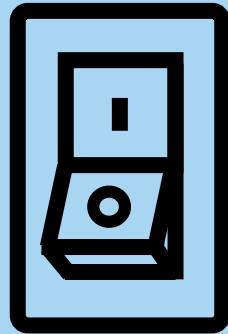
Promoting energy conservation and improving energy efficiency can help reduce the cost of electricity consumption.



Building sector:

- ~ 90% electricity
- ~ 60% carbon emission





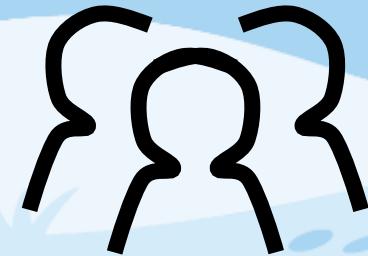
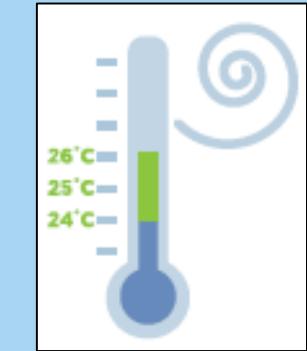
Energy Saving Charter 2025



Energy Saving Charter - Pledges

EMSD launched Energy Saving Charter since 2012, aims to encourage business and community organisations to save energy. Participants are pledged to: -

- Maintain average indoor temperature at 24-26°C during summer (June to September 2025);
- Switch off electrical appliances & systems when not in use and procure energy efficient appliances (such as with Grade 1 energy labels) and systems;
- Promote energy data transparency, and share energy saving measures and achievements;
- Promoting the use of renewable energy; and
- Engage staff/students/tenants to adopt the above practices together.



Energy Saving Charter



Sample Leaflet for Energy Saving Charter 2025

Details: <https://www.energysaving.gov.hk/esc2025/en/charter/index.html>



Energy Saving Charter - Coverage

With continuous efforts, we have extended the coverage of participants from Shopping Mall to now **10 categories**:

1) Shopping Mall	7) Schools (Kindergarten / Primary & Secondary Schools / Post-Secondary Education Institution)
2) Office Building / Commercial Building / Industrial Building	8) Hotel
3) Residential Building / Housing Estate	9) Hospital
4) Office	10) Others (not covered in the above categories, such as piers)
5) Shop	
6) Non-governmental Organization / Community Facilities	

Shopping mall is the first category, and 100+ premises have signed up the Energy Saving Charter 2012

Energy Saving Charter - Recognition

- 1) Participating certificates for signatories
 - ✓ With recognition for premises signed up the Charter (e.g. since 2012)
- 2) Uploading names participating premises to event website

Signatories of Energy Saving Charter increased gradually over years and 3,300+ premises have signed up the Energy Saving Charter 2024

PARTICIPANTS

Category	Participants
Shopping Mall	Office Building / Commercial Building / Industrial Building Housing Estate / Residential Building Office Shop Non-governmental Organisation / Community Facility School (Kindergarten / Primary & Secondary Schools / Post-Secondary Education Institution) Hotel Hospital Others
Shopping Mall	ARA Asset Management Citybase Property Management Discovery Park Commerce Goodwill Management Limited Dawning Views Plaza Double Cove Place Fanling Centre Shopping Arcade Grand Waterfront Plaza Green Code Plaza KOLOUR - Tsuen Wan I

Home > Participants

Energy Saving Charter 2024

We pledge to

- (1) 在2024年夏季6月至9月期間，將平均室內溫度維持在攝氏24至26度之間
- (2) 在2024年6月至2025年5月期間，關掉不使用的電器及系統，並且採購具能效效益的產品
- (3) 與員工 / 學生 / 租客共同實踐以上節約能源措施
- (4) 推廣能效數據的透明度，並分享節能措施和成果
- (5) 促進既有建築節能改造

**To combat climate change and encourage community-wide participation in energy saving and carbon reduction
we support the Government's Energy Saving Charter 2024**

參加場地 - ABC Company
參與場地 - ABC Company
Region 1, 1/F, ABC Building (All areas)

簽署的年份 - 2018, 2019, 2020, 2021, 2022, 2023

**機電工程署
EMSD**

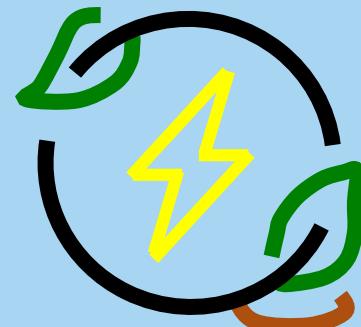
Sample Certificate for Energy Saving Charter 2024

Energy Saving Charter - Recognition

3) Actively Supporting Organizations
(recruit shops/offices) – recognition by
appreciation certificates



Sample Certificate for Actively Supporting
Organisations



4T Charter



4T Charter – Scope

4T Charter

Pledging to

- set energy saving **target** with a **timeline**;
- ensure **transparency** on energy saving results and building energy data; and
- encourage inhabitants (including staff / students / occupants / tenants) to **work together** on the above energy saving target.

Optional additional pledge
set targets and timelines for the reduction of carbon emissions.





4T Charter – Target & Timeline

Setting energy saving **target** with **timeline**:-

Example

(i)	基準年份 Base Year	2020	年份 Year
(ii)	目標年份 Target Year	2028	年份 Year
(iii)	與基準年份相比，目標年份能源節省的百份比 Percentage of Energy Reduction by Target Year when compare with Base Year	6	%
(iv)	基準年份的總能源消耗 ¹ Total Energy Consumption of Base Year (12 months)	1,234,567	兆焦耳 (MJ)

Energy saving plan of
6% over 8 years

Note ¹: 1 kWh is equivalent to 3.6 Mega Joules (MJ)
Total energy consumption including electricity in kWh x 3.6 MJ + gas consumption in MJ

4T Charter – Transparency

How to announce/publish energy saving targets and results?

Reports	Newsletters or Notices	Websites (internet)	Others (intranet, internal emails, etc.)
Over 30%	Over 30%	Over 20%	About 20%

About **80%** of total participants



4T Charter – Together

How to engage stakeholders (including staff, students, occupants, tenants) to work together on energy saving plan?

1. Involve inhabitants in planning and implementation of energy saving programme	Over 60%
2. Communicate regularly with inhabitants on energy saving programme	Over 60%
3. Provide briefing or supportive coaching for inhabitants on energy saving	About 40%



4T Charter – Recognition

- 1) Participating certificates for signatories
- 2) Uploading names participating premises to event website

Signatories of 4T Charter increased gradually over years since 2017 and 780+ premises have signed up the 4T Charter in 2024



Home > Participants

Office Building / Commercial Building / Industrial Building

Search Reset

④ Asia Airfreight Terminal Company Limited

- Asia Airfreight Terminal



中華人民共和國
香港特別行政區
環境及生態局





4T 約章
4T Charter



④ Bright Future Pharmacy

- Bright Future Pharmacy



環保中和
Green Neutral

為應對氣候變化，提倡全民節能減碳
我們支持政府的《4T 約章》



4T 約章
4T Charter



④ Cheung Kong Center

- Cheung Kong Center



訂立節能目標及時間表
確保節能成果及達成物業新舊數據的透明度
鼓勵全民(如員工、學生、住戶、租客)共同參與達成節能目標

我們承諾



4T 約章
4T Charter



④ Chissay (Property Management)

- The Octagon
- Vertical SQ



To combat climate change and encourage community-wide participation in
energy saving and carbon reduction
we support the Government's 4T Charter



4T 約章
4T Charter



④ Chissay (Property Management)

- K. Wah Centre
- The Factory



參與場所：甲乙丙公司
甲乙丙大廈1樓2層(示有地刀)
Participating Premises : ABC Company
Room 2, 1/F, ABC Building (All areas)

We pledge to



4T 約章
4T Charter








Sample Certificates for 4T Charter

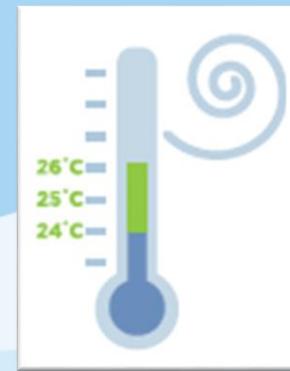


Energy Saving Tips

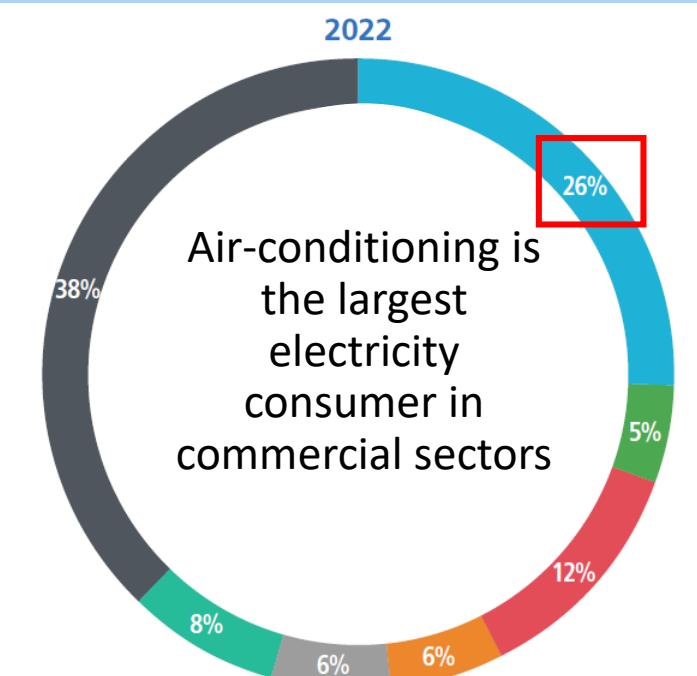


Energy Saving Tips

1) Maintain average indoor room temperature at 24-26°C during summer (June to September)



- 空氣調節
Air Conditioning
- 煮食
Cooking
- 照明
Lighting
- 辦公室設備
Office Equipment
- 熱水及冷凍
Hot Water & Refrigeration
- 垂直運輸
Vertical Transport
- 其他
Others



Energy Saving Tips

1) Maintain indoor room temperature at 24-26°C during summer

- Conduct air temperature measurement regularly
- Keep all the windows and doors close when air-conditioner is running
- Consider using an electric fan in conjunction with AC to spread cooled air more effectively
- Set an indoor AC unit to low fan speed as the normal setting. Use a high fan speed first rather than lowering the temperature setting to cater for an increased cooling demand
- Carry out regular maintenance on office equipment for optimal energy efficiency performance



Energy Saving Tips

2) Switch off appliances and systems when not in use;

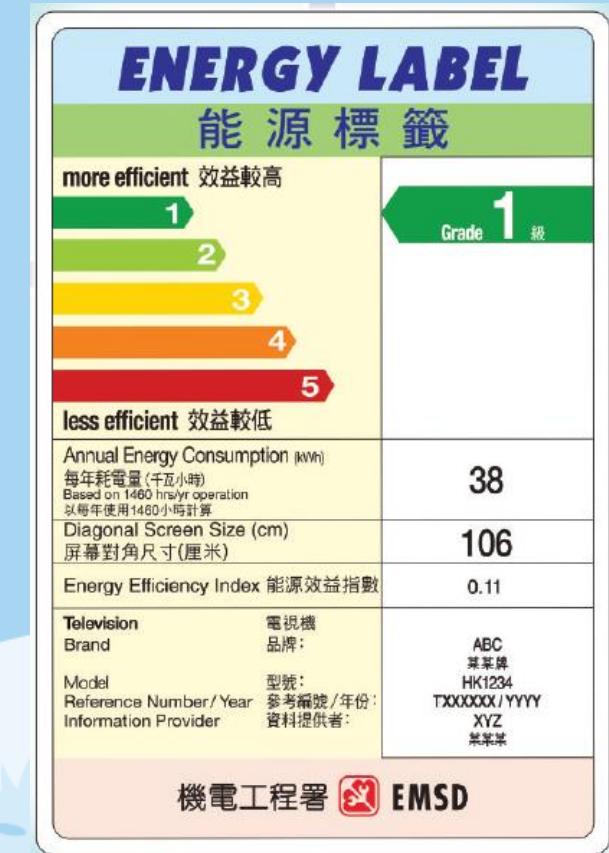


- Lights, air-conditioners should be switched off in areas that are unoccupied
- Part of lift and escalator can be idled during non-peak hour
- Use appliances with timer control or automatically switch-off control functions to avoid leaving appliances in standby mode for a long period
- Switch off the computer screen can save more energy instead of letting the "screen saver" run
- Arrange for the last-man-out to check and switch off the power source when leaving office



Energy Saving Tips

2) And procure energy efficient appliances and systems, such as appliances with **Grade 1 energy label**



Energy Saving Tips

- 3) Promote energy data transparency, and share energy saving measures and achievements
- 4) Promote the use of renewable energy

Example:

- Solar photovoltaic (PV) system installation



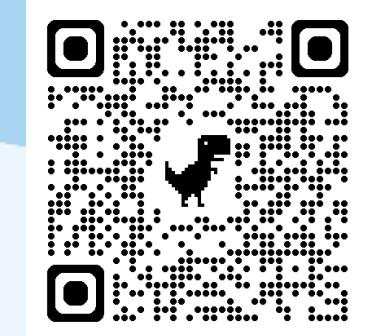
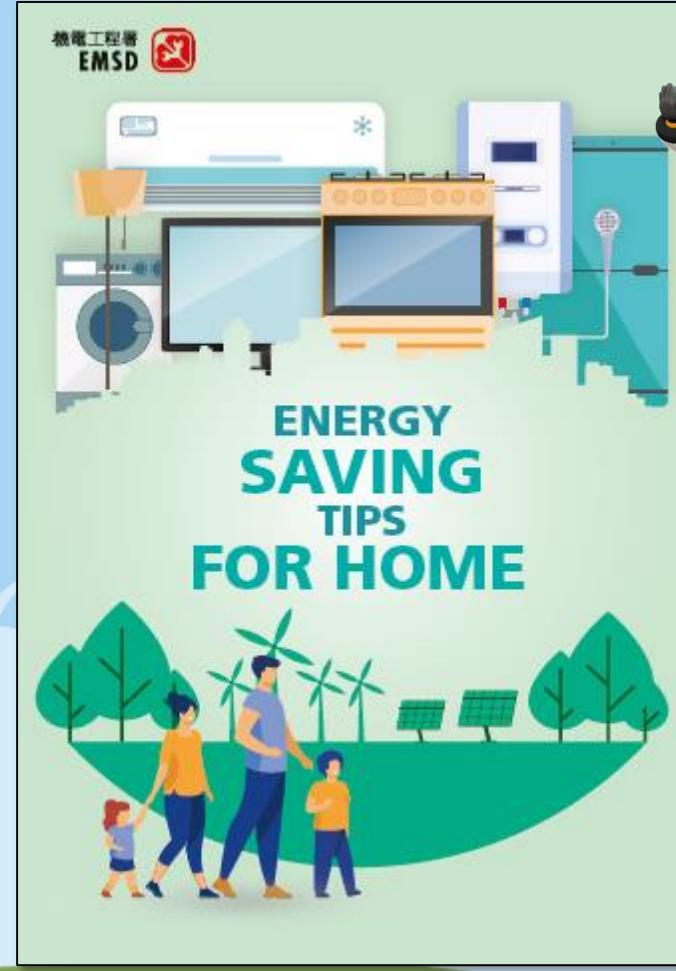
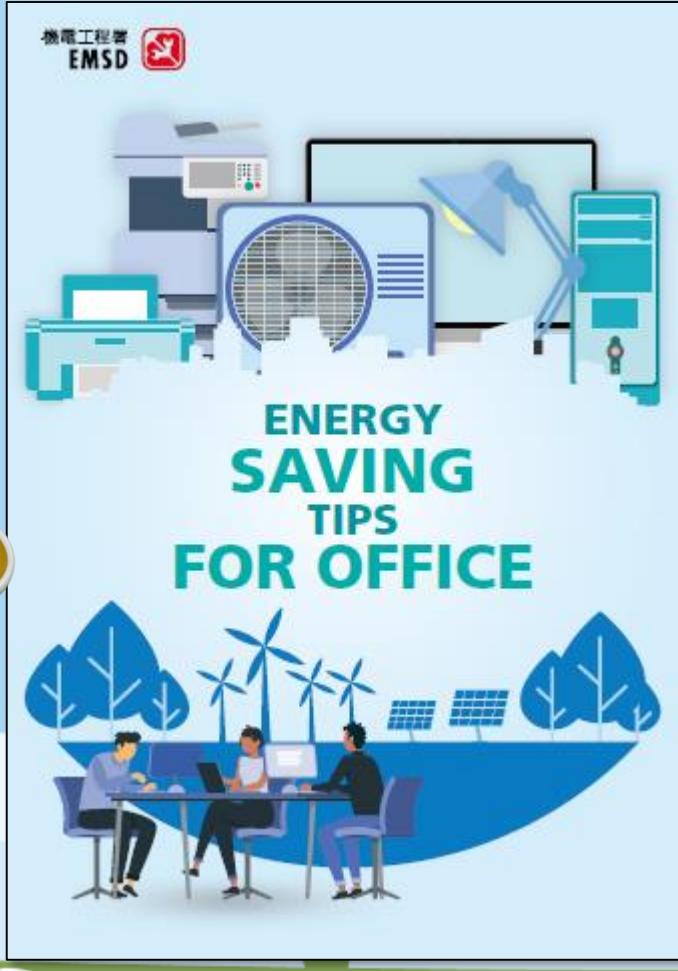
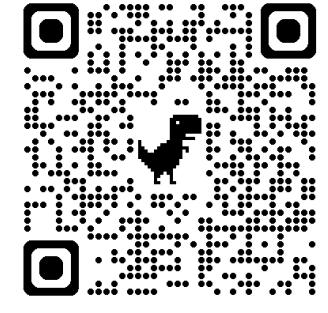
Energy Saving Tips

5) Engage staff / students/ tenants to adopt the above energy saving practices together

- Involve staff / students/ tenants in planning and implementation of energy saving practices
- Set goals and provide feedback to staff / students / tenants on progress / results of energy saving practices
- Provide briefing / seminar / workshops to staff / students / tenants
- Communicate regularly with staff / students / tenants on energy saving practices
- Create opportunities for sharing of goals and accomplishments



Energy Saving Tips





Enquiries

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Event website:

