

# The 55<sup>th</sup> Meeting of the APEC Expert Group on New and Renewable Energy Technologies (EGNRET 55)

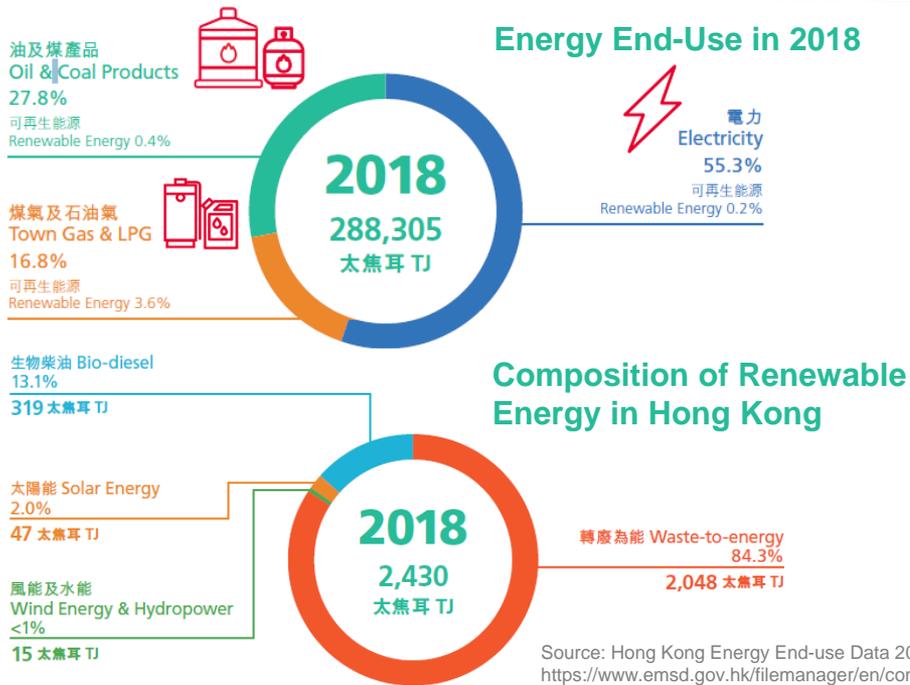
Economy Updates  
by Hong Kong, China

# Striving towards Carbon Neutrality



2020 Policy Address announce: Hong Kong China would strive to achieve carbon neutrality before

2050



Source: Hong Kong Energy End-use Data 2020  
[https://www.emsd.gov.hk/filemanager/en/content\\_762/HKE EUD2020.pdf](https://www.emsd.gov.hk/filemanager/en/content_762/HKE EUD2020.pdf)

# Facilitation Measures for Development of RE

FIT and RE certificate systems

(as of March 2021)

~15000 REPS

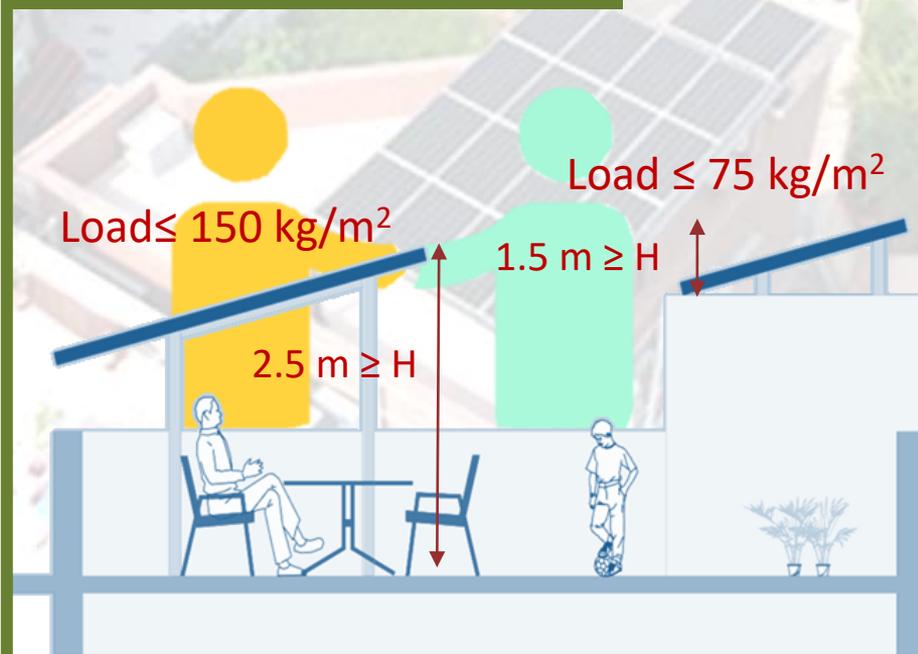
200MW installed

- Around 90% approved

>7000 on-grid

89MW connected

Relaxing Buildings-related Regulations



# More Facilitation Measures for Development of RE



Providing Tax  
Incentives on  
Procurement of RE  
Power Systems

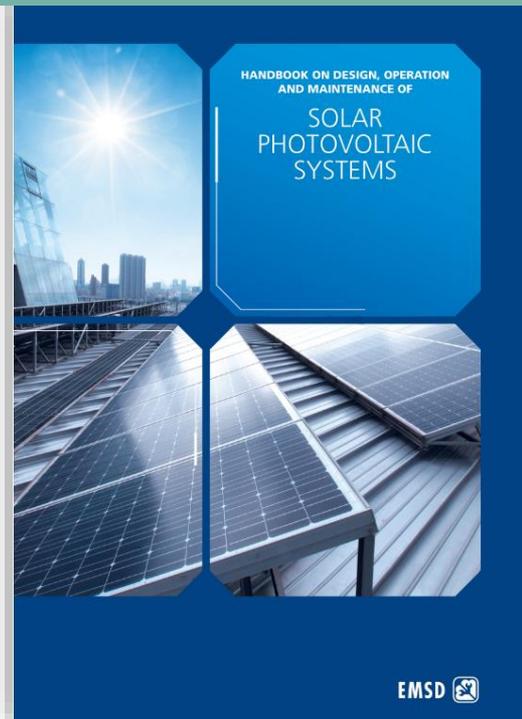
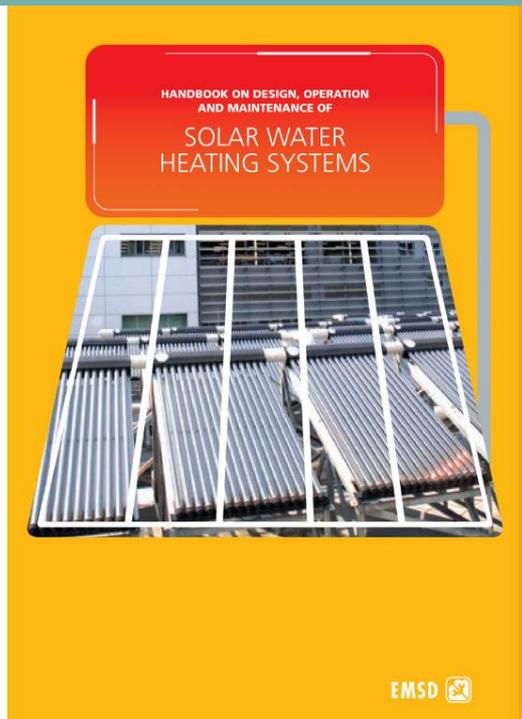


Enhancing Public  
Awareness on RE  
Technologies



Solar Harvest

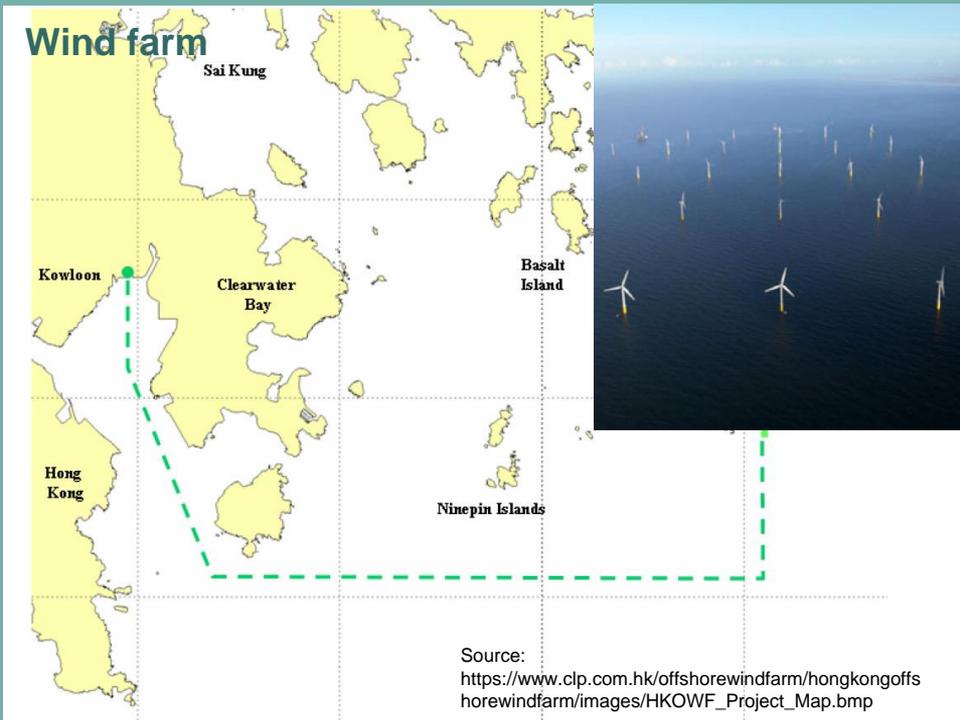
# Promoting RE applications



# More RE applications



Waste-to-energy facilities



# Green Tech Fund

Decarbonisation Emission Reduction Waste Reduction

Feed-in Tariff  
2018-2020



2018-2020  
More than 10,000 applications approved

Air Quality  
2017-2019



Waste-to-energy / resources  
2018-2020



gtf.gov.hk/en/index.html



Home | APPLY | LOGIN | Text Size | Search: Enter search keyword(s)

WHAT'S NEW

ABOUT THE FUND

ADMINISTRATION OF APPROVED PROJECTS

GUIDES AND FORMS

## DECARBONISATION & ENERGY SAVING

- GREEN TRANSPORT
- WASTE MANAGEMENT
- AIR & WATER QUALITY

## PRIORITY THEMES

Projects under priority themes will be accorded priority. The priority themes and examples for current round of application are:

### Decarbonisation and Energy Saving

Expand All | Hidden All

Renewable Energy (RE)

Energy Efficiency and Conservation

Carbon Removal Technologies

Hydrogen Economy



PRIORITY THEME

FLOATING PHOTOVOLTAIC SYSTEM AT PLOVER COVE RESERVOIR

MORE EXAMPLES

Electrical and Mechanical Services Department (EMSD) launched the E&M InnoPortal which lists the service wishes of various government departments, public organisations and the E&M trades, and invites the I&T sector, including start-ups and universities to propose relevant I&T solutions for matching. For successfully matched I&T wishes and solutions, EMSD will carry out field trials in a bid to promote and drive the research & development and application of innovative technologies.



[Learn More >](#)



[Learn More >](#)



[Learn More >](#)

NEW



Flexible PV Panel with Metal Wrap Through (MWT) technology

(REF : P-0179)

[See More](#)

NEW



Development of Water droplet-based Electricity Generator (DEG)

(REF : P-0178)

[See More](#)

TRIAL COMPLETED



Portable solar renewable system

(REF : P-0017)

[See More](#)

TRIAL COMPLETED

FINAL REPORT



Kilowatt-class Flow Battery for Cost Effective and Scalable Storage of Renewable Energies

(REF : P-0004)

[See More](#)



Thermo-electrochemical capacitor device/Conversion of low-grade waste heat into electricity

(REF : P-0089)

[See More](#)

# THANK YOU

香港力爭2050年前實現碳中和  
HK will strive to achieve carbon neutrality before 2050

