

Energy Consumption Indicators and Benchmarks

User Guide
for
Applying the Online Benchmarking Tools

30 September 2020

User Guide for Applying the Online Benchmarking Tools

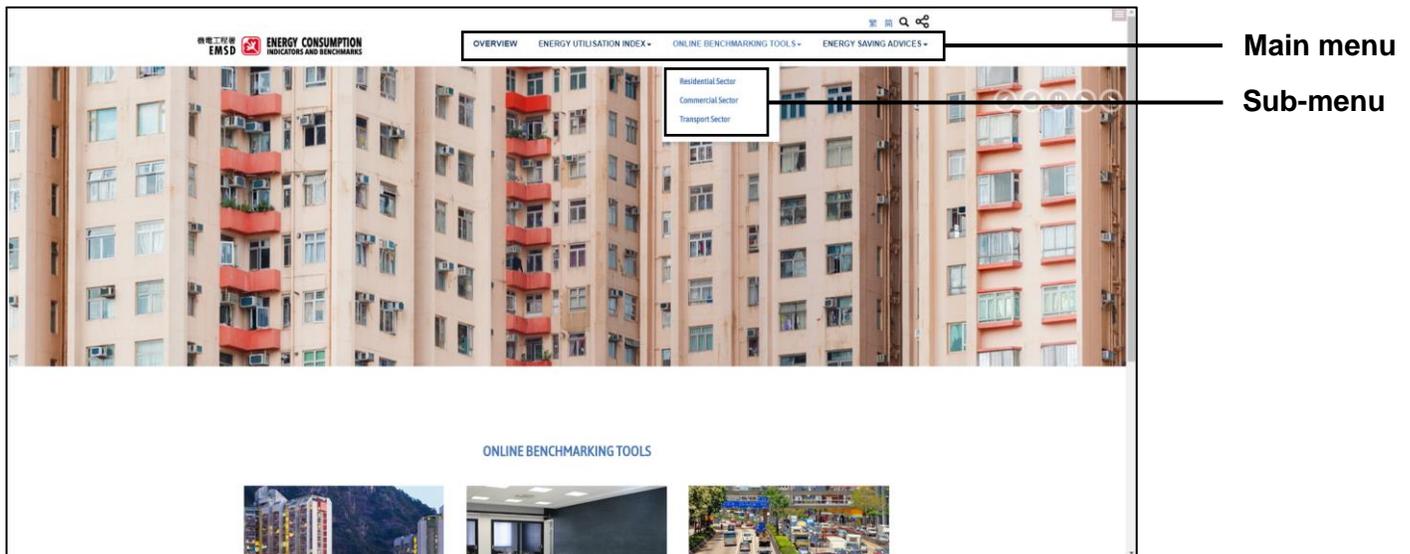
This document is a generic User Guide document for applying the Online Benchmarking Tools.

How to Use the Online Benchmarking Tools?

See below for step-by-step instructions on how to get your energy indicators, performance and benchmarked percentile range.

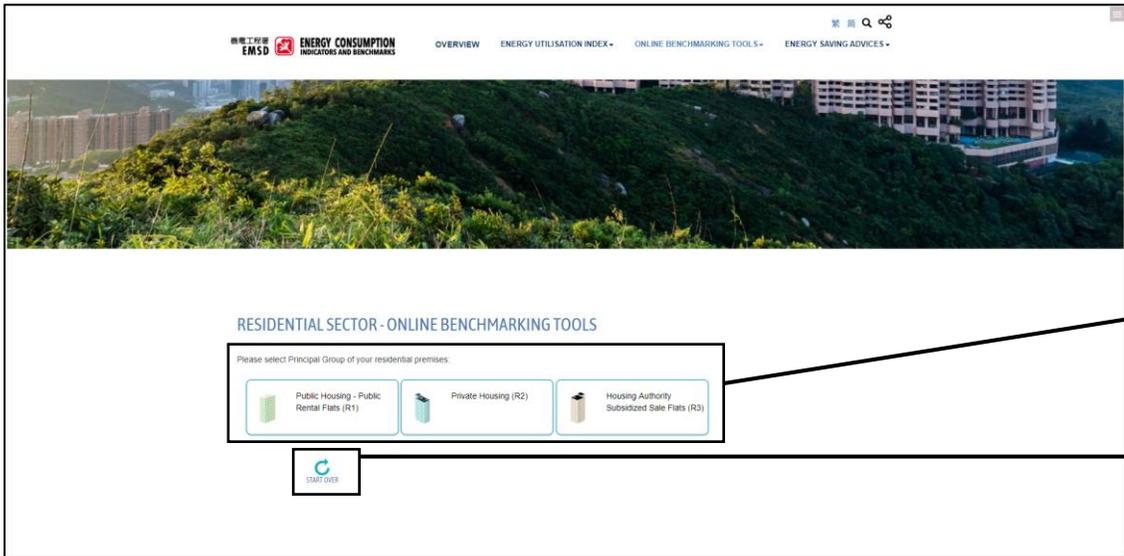
1. Select “ONLINE BENCHMARKING TOOLS” at main menu of website for displaying the sub-menu. Then, select the applicable sector (i.e. Residential / Commercial / Transport).

In the following step-by-step instructions, Housing Society Subsidised Sale Flats is chosen for demonstration. Therefore, here we select “Residential Sector”.



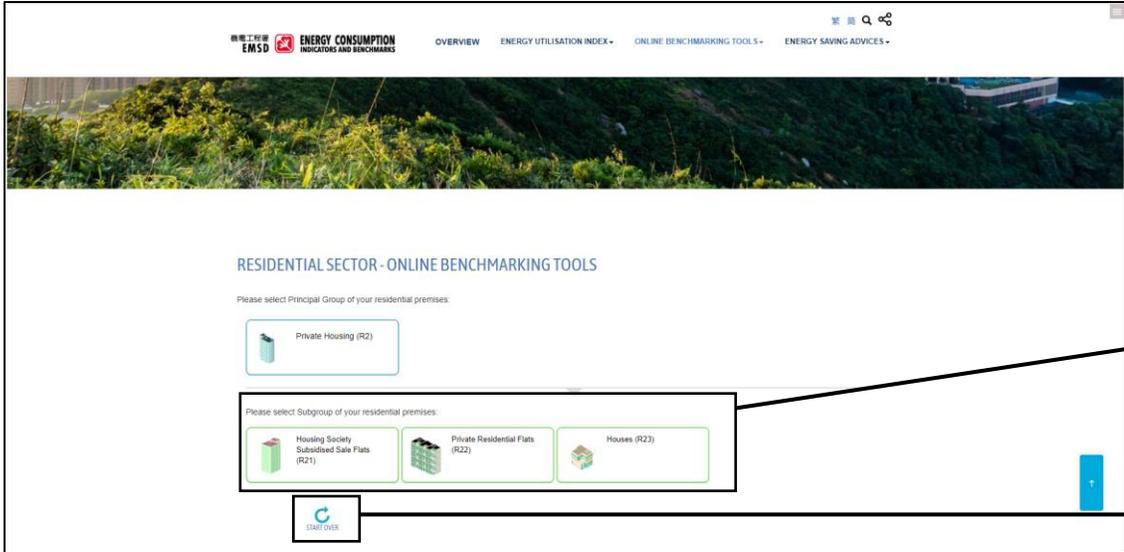
- In the webpage of “RESIDENTIAL SECTOR – ONLINE BENCHMARKING TOOLS”, select the applicable Principal Group. For this demonstration, Private Housing is selected. Then, the corresponding sub-group will be shown. Select “Housing Society Subsidised Sale Flats”. If you want to change your selection, you can press the “START OVER” button.

Note: Some Principal Groups do not have sub-group levels.



Principal Group Selection

START OVER Button



Sub-group Selection

START OVER Button

3. The questions of corresponding sub-group will be shown for data input. Sliders or textboxes can be used for data input. If your input is invalid such as out-of-acceptable range or non-numerical character etc., an error prompt / reminder will be displayed.

The screenshot shows the 'BENCHMARKING TOOLS FOR HOUSING SOCIETY SUBSIDISED SALE FLATS (R21)' interface. It contains the following questions and input fields:

- Q1. Please provide the total energy consumption of the previous full year:**
 - A. Electricity:** A slider set to 800 kWh.
 - B. Towngas:** A slider set to 254 Litre.
 - C. LPG:** A slider set to 0 kg.
 - D. Kerosene:** A slider set to 15 Litre.
- Q2. How many people live in your premises? (including full time domestic helpers)**: A slider set to 3 Persons.
- Q3. Please provide the total number of Other Equipment...**: A slider set to 2 No.
- Q4. Please provide the total number of Stove that are fueled by Towngas...**: A slider set to 2 No.
- Q5. What is the total saleable area of the premise?**: A slider set to 450 SQ. FT.

Slider for data input

Textbox for data input

Upon completion, you should read the “Disclaimer” and click the corresponding checkbox for confirmation. Afterwards, you may press “Submit”.

The screenshot shows the continuation of the benchmarking tool interface with the following questions and elements:

- Q3. Please provide the total number of Other Equipment...**: A slider set to 2 No.
- Q4. Please provide the total number of Stove that are fueled by Towngas...**: A slider set to 2 No.
- Q5. What is the total saleable area of the premise?**: A slider set to 450 SQ. FT.
- Q6. What is the total monthly household income?**: Radio buttons for:
 - A. HK\$10,000
 - B. HK\$10,000 - 19,999
 - C. HK\$20,000 - 2,9999
 - D. >=HK\$30,000** (Selected)
- Disclaimer section:** A checkbox labeled "I have read the disclaimer and accept the clauses." is checked. Below it is a text block containing the disclaimer text.
- Submit button:** A blue button labeled "Submit" is located at the bottom of the form.

Disclaimer with confirmation checkbox

Submit button



4. After submission, a report indicating your benchmarking group, energy performance, benchmarked percentile range and benchmark values will be generated. A summary of your inputted data is provided at the end of report for your reference.

You can click the “Print” button for printing a standalone report.

PRINT

RESIDENTIAL SECTOR - PRIVATE HOUSING (R2) - HOUSING SOCIETY SUBSIDISED SALE FLATS (R21)

Report ID : 2093 Generated on : 2020-02-18

BENCHMARK RESULTS COMPARED WITH YOUR PEER GROUP

GOOD

DESCRIPTION OF PERFORMANCE

GOOD :-Your energy performance is among the top 25th percentile of other similar premises

GENERAL :-Your energy performance is between the bottom 25th and the top 25th premises percentile of other similar premises

BELOW AVERAGE :-Your energy performance is among the bottom 25th percentile of other similar premises

PERCENTILE DISTRIBUTION

Range of Good

Range of General

Range of Below Average

Your are here

Your energy performance is better than 90% of the premises under your subgroup. (i.e. you are at ≤ 10th percentile of your subgroup)

COMPARISON OF ANNUAL ENERGY CONSUMPTION

Your Value:	15 GJ
Benchmark Value (Group Typical)*:	34 GJ

Note: Energy consumption benchmark model is developed based on the surveyed data for your energy consuming sub-group. Based on the model, the Benchmark Value is calculated from your inputs and it represents the typical energy consumption performance having similar operational & physical characteristics among your peer group.

SUMMARY OF INPUTTED DATA:

Question	Answer	Unit
Q1. Please provide the total energy consumption of the previous full year:		
A. Electricity	600	kWh
B. Towngas	264	Units
C. LPG	0	kg
D. Kerosene	15	Litre
Q2. What is the total saleable area of the premise?	450	SQ. FT
Q3. How many people live in your premises? (including full time domestic helpers)	3	Persons
Q4. What is the total monthly household income?		(0=non-selected; 1=selected)
A. HK\$10,000	0	
B. HK\$10,000 - 19,999	0	
C. HK\$20,000 - 2,9999	0	
D. =>HK\$30,000	1	
Q5. Please provide the total number of Other Equipment. (besides Refrigeration, Hot Water, Air Conditioning, Kitchen and Cooking, Laundry, Lighting, AV, Computing and Office Equipment; equipment such as Massage, Vacuum Cleaner, Iron and Hair Dryer)	2	No.
Q6. Please provide the total number of Stove that are fueled by Towngas and are in operation.	2	No.

Print button

Group Information

Report No. & Generation Date

Your Result: energy performance, benchmarked percentile range and benchmark values

Summary of Inputted Data

-End-