

FACT SHEET

ENERGY SAVING ACHIEVEMENT (ESA) CERTIFICATE

Building Energy Efficiency Measurement and Verification (M&V) Service

Intertek has the requisite accreditations, expertise and state-of-the-art testing laboratory to help you meet energy efficiency requirements for the market.

We are the **Official Assessor of the Green Council's ESA scheme to conduct M&V service for the certification.**



Background and Market Overview

Since September 2012, the Building Energy Efficiency Ordinance (BEEO), Cap 610 was put in force by Hong Kong Government. Over 2,400 existing buildings covered in this Ordinance shall perform the energy audit, also energy saving improvement solutions are suggested to be included in the energy audit report.

To achieve carbon reduction target with 65-70% reduction issued by Hong Kong Government, the building owners are looking for those advanced energy saving improvement solutions and new high energy efficiency devices instead of the traditional types of methods.

Before the implementation of replacement, the building owners shall have interest in performance testing results on the new energy efficiency improvement devices and solutions, especially with third-party approval documents.

Energy Saving Achievement Certificate

The certification scheme identifies the energy saving in energy performance

improvement actions, verifies the performance result by measurement and verification method.

To initiate the trend to adopt high energy efficiency building facilities, the result of energy performance can be achieved through the carbon or energy reduction target and public requirement on green and sustainable goal.

Intertek's Measurement and Verification (M&V) Service

Intertek Hong Kong's building energy efficiency third-party measurement and verification service is your best choice!

We provide integrated services including third-party measurement and verification service and advanced energy efficiency monitoring service.

Third-party Measurement and Verification Service – to provide on-site inspection, testing and measurement services, also data verification and energy efficiency result calculation on lighting and air conditioning facilities.

Advanced Energy Efficiency Monitoring Service – to provide a monitoring platform with real-time smart data monitoring device on lighting and air-

conditioning systems.

Our M&V service helps you achieve your carbon reduction and energy saving target by providing professional advisory and report evidence on energy efficiency facility upgrade including lighting and air-conditioning systems.

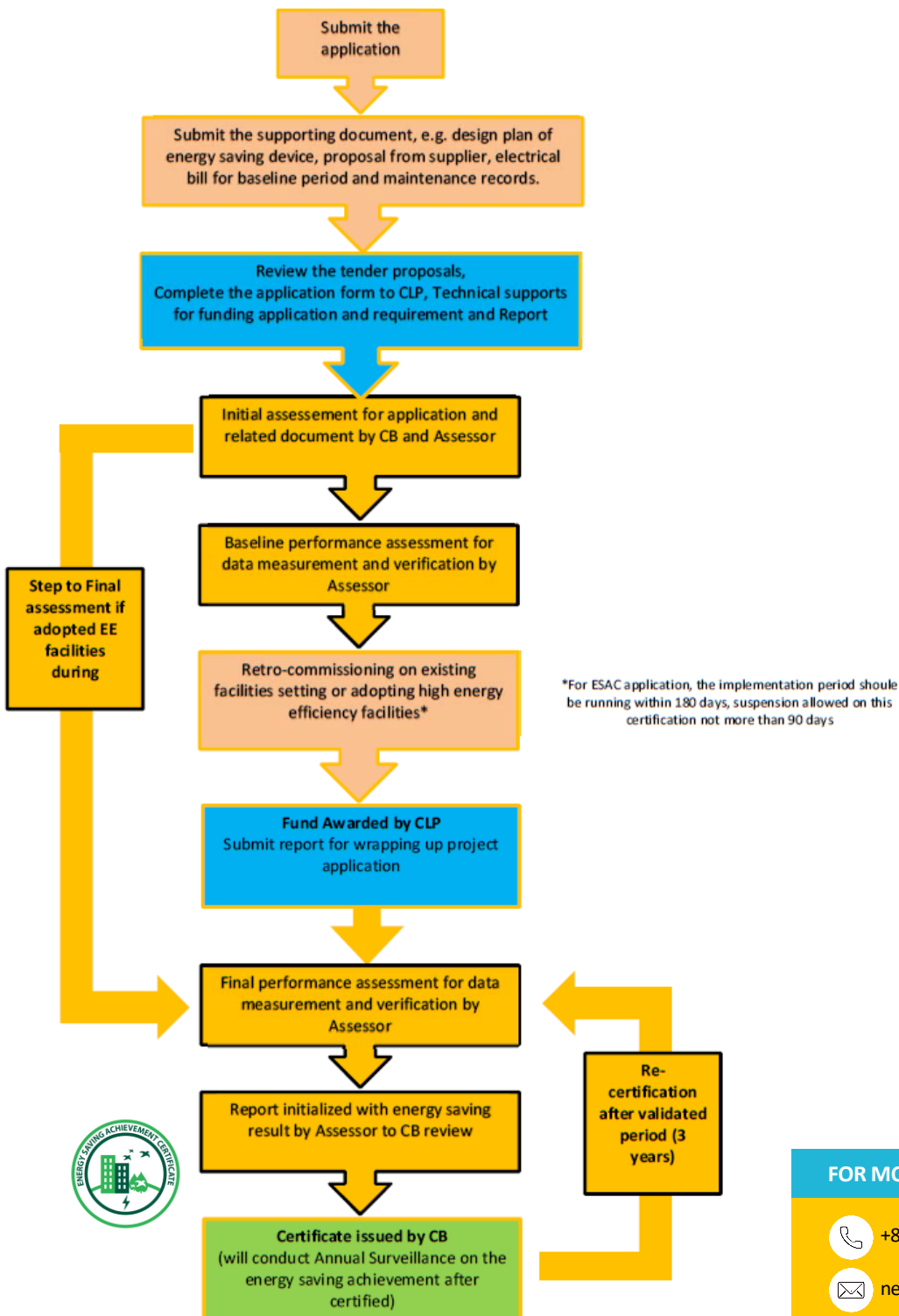
Adding Value to Your Sustainability Route

- To support evidence in continuous improvement of ISO 50001
- To fulfill government or company energy saving target
- To fulfill green procurement on tendering requirement
- To meet with ESG or CSR reporting requirement
- To provide the support document for public award/program (e.g. Energy saving championship, etc.)
- To support evidence for prove energy/ GHG issues on customer needs
- To support evidence for funding and application of CLP Eco Building Fund on retrofit or retro-commissioning works

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One-Stop Solution Workflow of Energy Saving Achievement Certificate (ESAC) and CLP Eco Building Fund



FOR MORE INFORMATION

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