

## EVO One-Day Introductory Workshop on M&V

### Who should take this training?

- Building or industry owners who wish to measure the energy savings generated by their projects
- Building or industry owners who wish to partner with ESCOs to implement Energy Efficiency (EE) projects
- Employees responsible for EE program evaluation and operation
- Engineering firms or professional firms specialized in energy efficiency
- ESCO employees required to conduct energy audits, prepare Measurement and Verification (M&V) plans or monitor project savings

### Econoler Training Centre

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The one-day workshop introduces the basic concepts of M&V and the IPMVP. It highlights the purposes of M&V, summarizes the range of possible M&V methods and points out the need for specific M&V design for each project.

The program is designed for management, financial, regulatory and technical persons needing basic understanding of the role of M&V in supporting energy efficiency investments.

### The following topics will be covered:

#### Introduction

- Definition of M&V
- The range of M&V protocols for energy efficiency and carbon trading projects
- Background on EVO and the IPMVP
- Reasons for M&V

#### Key Concepts

- The basic savings equation
- The four IPMVP options with quick examples
- Steps in applying the IPMVP
- M&V cost and uncertainty
- M&V in EPC

#### Short Examples

- Examples with calculation tasks for the class and review of advantages and disadvantages of each option
- Option C - Multiple retrofits in a building
- Option A - Lighting efficiency
- Option B - Compressed air leakage control
- Option B - Industrial heat recovery
- Class-suggested case studies for discussion

*\*All training courses can be delivered on site.*

