



EVO One-Day Introductory Workshop on M&V

EVO Vision

A global marketplace that correctly values the efficient use of natural resources and utilizes end-use efficiency options as a viable alternative to supply options

EVO Mission

To develop and promote the use of standardized protocols, methods and tools to quantify and manage the performance risks and benefits associated with end-use energy-efficiency, renewable-energy, and water-efficiency business transactions

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Vienna, Austria, May 31, 2011

In collaboration with

Dachverband Energie Contracting Austria (DECA)

EVO is pleased to announce its **One-Day Introductory Workshop on M&V** to be held on **May 31, 2011** at **Austrian Society for Environment and Technology**, Hollandstraße 10/40, 1020 Wien.

The session will be held **in English**.

Overview

The Efficiency Valuation Organization is an international non-profit organization that offers products and services which aid in:

- The measurement and verification of energy and water savings resulting from energy/water efficiency projects
- Financial risk management of energy savings performance contracts
- Quantifying carbon emissions reductions from energy efficiency projects
- Promoting sustainable and green construction through cost-effective and accurate accounting of energy and water savings

Protocols

Starting in the 1990s, standardized approaches to energy efficiency M&V were developed to assist developers, owners and financiers of projects. Today, the EVO-owned International Performance Measurement and Verification Protocol (IPMVP) is the leading international standard in M&V protocols. IPMVP has been translated into 10 languages (including Spanish) and is used in more than 40 countries. It is now typically cited as the basis for federal, state and utility M&V protocols.

Training and Certification Programs

EVO provides training workshops for M&V professionals in order to raise the standards in M&V. Using its international expertise, the organization develops special workshops and training programs tailored to the needs of specific regions.

EVO offers worldwide the Certified Measurement & Verification Professional (CMVP) designation. The right to use the CMVP title is granted to those who demonstrate proficiency in the M&V field by passing a 4-hour written exam and meet the required academic and practical qualifications. EVO's certification level training is offered as preparation for the exam, and as a review of basic principles for experts.

While exceptionally professional in its activities, EVO is at heart a grassroots organization. As such, its energy, resources and direction stem from the contributions of those that make up its community. We sincerely hope you will become part of it. Find out more about the organization and becoming a Volunteer, or an Individual or Organizational Subscriber at

www.evo-world.org or e-mail us at evo.central@evo-world.org

One-Day Introductory Workshop on M&V

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

Registration and Costs

There is a training fee of 595 Euro including lunches.

This EVO event is managed by the Econoler Training Centre, an official EVO training partner. Therefore payments should be done through the Econoler Training Centre:

- Through PayPal after receiving payment instructions
or
- Wire transfer

A **registration form** for the training can be found on EVO Website at <http://www.evo-world.org/>.

Cancellation policy

EVO reserves the right to cancel the training 15 days prior the event in case there is no sufficient interest in attending it.

EVO Contact in Europe

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