



AUSTRIAN ENERGY AGENCY



# Austrian Energy Agency

UNIDO Project No GF/MOL/11/001

2<sup>nd</sup> Mission  
25. – 27. April 2012

Introduction

Petra Lackner  
Austrian Energy Agency

# Aim of second meeting

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Discuss methods of the programs to be developed and established within the UNIDO GEF project

- Methods for Monitoring & Verification & Benchmarking
- Method for Industrial Energy Efficiency (IEE) Best Practice Dissemination
- Method for IEE Best Practice Recognition
- Method for Industrial Energy Manager Certification (next meetings)

# Monitoring & Verification Programs

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- Within the UNIDO GEF project a program to monitor and verify energy efficiency performance of the 15-20 enterprises (Type A Enterprises) participating in and receiving technical assistance from the UNIDO GEF project will be developed and operated.
  - Bottom-up methods
- Furthermore a clear and transparent methodology for monitoring and verifying energy efficiency performance on sector and sub-sector level in line with international best practices will be developed.
  - Top-down methods

# Frame conditions for developing methods

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Following international guidelines, protocols and standards will be discussed and if appropriate taken into account for establishing the methods for the programs regarding M&V&BM

- Final Draft European Standard prEN 16212 “Energy Efficiency and Savings Calculation: Top-down and Bottom-up Methods”
- International Performance Measurement and Verification Protocol (IPMVP)
- ISO 50001 M&V procedures ISO TC 242 WG 3 (under development)
- Draft European Standard prEN 16231 “energy efficiency benchmarking methodology”
- Benchmarking templates and procedure according BESS project
- US energy star EPI (Energy Performance Indicator)

# Agenda of 1st day

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- Austrian experience with establishing the NEEAP and operating the monitoring platform. (Gregor)
- Austrian experiences with programs for M&V energy efficiency of enterprises. (Petra)
- Austrian experiences with programs for energy audits. (Rainer)
- Presentation of suggested content of the IEE BPID program (Rainer)
- Situation in Moldova regarding requirements for M&V&BM according to Moldovan laws and status of website development and planned awareness raising activities of MEEA e.g. within the Swedish funded project. (Calin)
- Team work on methods and templates for IEE BPID

## Agenda of 2nd day

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- Overview on data sources and availability in Moldova relevant for NEEAP and M&V. (Calin)
- Benchmarking study with Moldovan dairies. (Igor)
- Benchmarking Program Methodology (Petra)
- Indicators for Measurements & Verification (Rainer)
- Teamwork on methods, templates and legal framework of M&V&BM programs
- Summary of teamwork, next steps for developing M&V&BM programs and training session

## Agenda of 3rd day

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- Austrian experience with organizing energy efficiency awards
- Team work on structure of IEE BP recognition program in Moldova and on methods to monitor overall energy performance of enterprises
- Summing up of results of second mission and agreement on next steps
- Fix date for 3rd mission

## Expected Results

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- Methods for all programs discussed with Moldovan stakeholders and ready to be adapted by AEA according the input of Moldovan stakeholders
- framework conditions and the basis for the development of customised methodologies and for the training during the third meeting are identified
- MEEA will have an overview on which data and information to collect for the adaption of methodologies.