

**PERformance Risk MANagement for ENergy efficiency  
projects through Training: enhancing the credibility of  
the energy services industry in Poland, Czech Republic,  
Romania, Bulgaria and Croatia**



IEE/08/657/SI2.528420 PERMANENT

Project duration - 01.09.2009 to 28.02.2010

## Project Summary

- PERMANENT is aimed at increasing the knowledge about measurement and verification of energy efficiency and renewable energy projects.
- Measurement and Verification (M&V) of energy efficiency projects is an important tool towards removing the distrust in projected savings and payback from the site of financial institutions and decision makers on corporate level.
- PERMANENT aims to educate financiers, project developers and energy users about how energy efficiency projects can demonstrate permanent results and how that permanence can break the distrust barrier.
- PERMANENT will develop and test harmonized and integrated approaches for end users to measure and verify their energy savings in 5 Member States.

## Background

- The project addresses the most common barrier to deployment of energy saving projects: disbelief that planned project results will be achieved and can pay back the investment in a sustainable manner.
- This disbelief or lack of confidence in project savings impedes investment even where energy audits or other engineering analyses demonstrate sound investment opportunities.
- Successful energy efficiency projects and mainly Energy Performance Contracts (EPC) have, however, demonstrated key techniques for measuring project results and verifying achievement of guaranteed savings.
- The most common techniques are covered in the International Performance Measurement and Verification Protocol (IPMVP), developed by the Efficiency Valuation Organisation (EVO)
- This protocol, together with the International Energy Efficiency Financing protocol (IEEFP), will form the basis of the PERMANENT project

## Objectives and main steps

PERMANENT will

- Educate technical energy efficiency professionals in the IPMVP
- Educating energy end users, financiers and energy services suppliers on performance risk measurement and management techniques in energy saving projects using the IEEFP;

Main steps:

- Experts from project partners will be trained in the IPMVP and IEEFP protocols
- The protocols and trainings will be adapted to national circumstances
- Partners will train instructors who will be able to continue with training on performance risk management of energy saving projects after the completion of this project.

## Expected results

- PERMANENT will support the dissemination and acceptance of the following techniques and approaches:
  - Measurement of project results - with the use of common practices for measuring results, there can be effective management of performance risk;
  - Verification of guaranteed energy saving predictions - with the use of common practices for verification of energy savings achieved, investors can select projects built on good foundations, and enter investments with less fear of success.
- This will lead to financing far more energy savings projects without additional collateral (beyond that of the project itself). When applying these common practices, financiers do not need to take a charge on other assets of the project owner, thus opening up more energy saving projects to available financing

## Project consortium

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6	DZZD "Econoler, EnEffect and Elana" (EEE)	Bulgaria	Dimitar Doukov	<a href="http://www.bgeef.com/">http://www.bgeef.com/</a>
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