

## ENERGY SAVINGS VERIFICATION GUIDE

Code: **MARIE/MEDBEES/IF/WP4/SM1.2/PA2.2/ESVG**

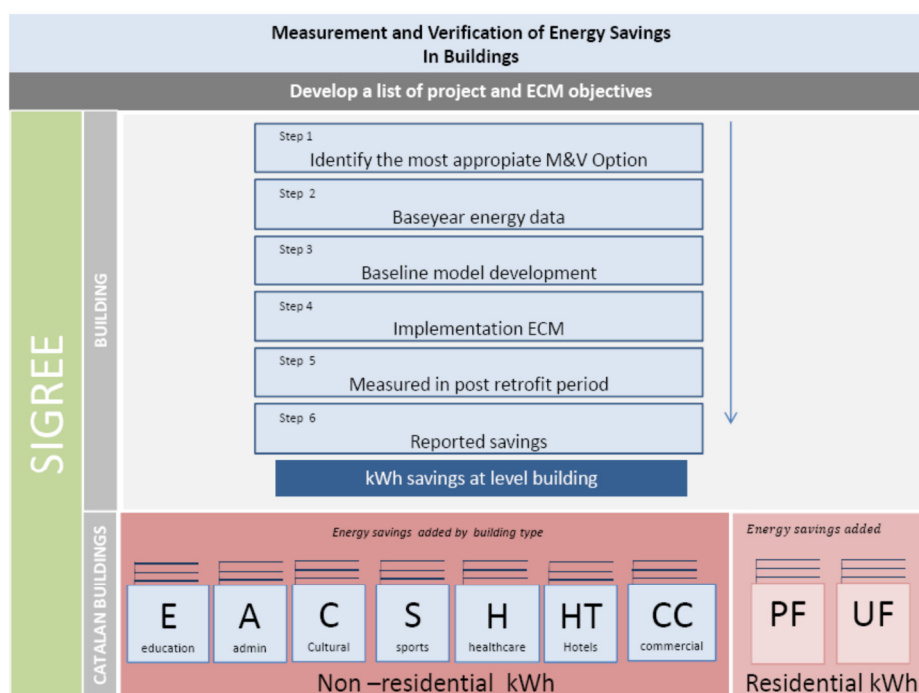
Type of output: **Guide tool**

Responsible partner: **GENCAT DTES**

**Key words:** IPMVP protocol, M&V plan, Methodology, Saving, ESCO, EVO, Guide, Protocol, Performance, Energy efficiency, EEM, Facilities, Baseline, Building, Residential sector, Commercial sector, Baseline period, Reporting period.

**Description:** *A guide for verification and validation of energy savings achieved in Maximum Interest and Impact Projects for energy renovation in existing buildings*

The Guide presents the basic conceptual framework, methodologies and processes of Monitoring & Verification and it has application in buildings of residential and tertiary sectors. Also provides an overview of current best practices for measuring and verifying savings outcomes of energy efficiency measures (EEM) in buildings. This guide aims to establish an innovative methodological procedure to determine the savings at buildings and MIIP level. Data will be integrated into a higher level of existing buildings in order to know the evolution of energy consumption and the impact of energy efficiency measures implemented to verify the saving targets at regional level. This information will be integrated into a tool (see IF1 Information System Model) for managing energy renovation of buildings at regional level.



Interactions: **MARIE/MEDBEES/IF/WP4/SM5.1/PA2.2/ISM IF1**

**Analysis:** The strengths are related to provide a useful and helpful guide to verify energy savings in buildings and to identify future energy saving opportunities included in the renewal strategy of existing buildings. Weaknesses are the technician level required for using this guide.

**Interest:** To ensure that regional annual saving energy and emissions reports are realistic.