



Study on the impacts and achievements of 41 Energy Efficiency projects in the Industry and Services sectors

Filippo Gasparin, Project Advisor, EASME

24 March 2021

The service contract at glance

Title: Assessment and Communication of Relevant EU-funded Projects Supporting the Market Uptake of Energy Efficiency Measures in Industry and Services

Starting and ending date: November 2019 – May 2021

Service provider: Ricardo Energy & Environment

Overall aim:

- To carry out an **in-depth assessment on the results** achieved by the 41 selected projects.
- To **collect evidence on the role played by the projects in promoting energy efficiency investments at company level** both *within* and *after* the project duration.
- To identify particular **market's priorities and content gaps** to be addressed in the forthcoming EU programmes to tackle the global challenges ahead (*e.g. digitalisation, electrification, industrial symbiosis*) as well as to identify a number of **policy recommendations**.

The performed tasks

- Literature review of existing studies, papers dealing with EE in the Industry and Service sectors
- Review the relevant documents and deliverables (e.g DoA, interim/final project reports, PA's assessment)
- Conducted **phone-call interviews** with relevant stakeholders and EASME project officers as well as conducted as well as **site visits** (semi-structured interviews) to identify Success stories
- Carrying out an **Industry Stakeholder Survey** to collect the market views on the most pressing challenges and needs in view of the Clean Energy Transition of the Industry and Services Sectors

The 41 analysed EU funded projects

- **15 H2020 (2014-2020):** STEAM-UP, ENERWATER, EE-METAL, SCOoPE, Energywater, WaterWatt, INDUCE, M-Benefits, EUREMnext, IMPAWATT, SPEEDIER, SMEmPower Efficiency, E2DRIVER, ICCEE and INNOVEAS
- **26 IEE II (2007-2013):** CHANGE, FOUNDRYBENCH, CARE+, SURFENERGy, EU Plast Voltage, REG Cep, EINSTEIN II, IND-ECO, ERASME, CODE2, ECOinFlow, PINE, SESEC, COOLSAVE, GO-ECO, EE Music, TESLA, GREENFOODS, Night Hawks, SPICE3, EUREM Plus, SET, EECC, SME EnergyChekUp, STEEEP and EMSPI

The common implemented measures

- Fostering the market uptake of **cost-effective energy efficiency measures**
- Developing **new skills and capacities** for market stakeholders
- Supporting the definition of **standards and benchmarks**
- Supporting the **policy implementation** of art.8 of the EED

The structure of the Final Study

- *A literature review*
- *The Methodology overview*
- *The impacts of the 41 projects within and after the project duration (e.g.: energy savings, GHG reduction, Investments triggered, market stakeholders with increased capacity etc)*
- *A number of success stories*
- *The results of the Industry Stakeholder Survey*
- *Contribution to the 2030 and 2050 climate and energy targets*
- *Lesson learnt and recommendations*

The Final Event

Date and timing: 22 April 2021 – 9:30 to 12:30 (CET)

Venue: Virtual meeting (prior online registration is requested)

Targeted audience: Beneficiaries and future applicants of LIFE CET calls, Industry associations, Energy Agencies, SMEs, Brussels based organisations, NCP, Policy Makers, etc.

Event overview:

- **First section:** focus on the *impacts and achievements* of the 41 projects
- **Second section:** focus on *lesson learnt* and *policy recommendations* (EC policy officers will frame the relevant policy context e.g. EED review, New Industrial Strategy).