



Italian National Agency for New Technologies,  
Energy and Sustainable Economic Development

# EE1st implementation and measure in the private sector. Examples from Italy

CA-EED, 2nd PM: WG 2.1 Session 2

*Energy Efficiency 1st and the EED in practice*

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**Alessandro Fiorini, Chiara Martini / DUEE-SPS**



# EE1st implementation and measure in the private sector. Examples from Italy

## Support to Energy Efficiency Development in Businesses (Technical assistance)

EED transposition (Legislative Decree 102/2014 and SAs)

### ▪ National Plan for Awareness Raise in SMEs (PS-PMI)

- WHY: LD 102/2014, art. 8(10-ter)
- WHO: Non-energy intensive SMEs (not art. 8 EED obligated)
- WHAT: Support SMEs to adopt energy audits and EE interventions

### ▪ National Information and Training Campaign (PIF)

- WHY: LD 102/2014, art. 13
- WHO: All (art. 8 EED obligated and not)
- WHAT: Support companies to develop energy audits and use EE incentives



### ▪ Monitoring of additional savings from art. 8 obligated parties (based on [ENEA energy audit database](#))

- LD 102/2014, art. 7(8), useful info to assess existing EE incentives

### Alignment to the EE1st

- (1) Quantify EE gains beyond the perimeter of the obligation
- (2) Exploit the untapped energy efficiency potential in the productive sectors
- (3) Shade lights on:
  - Awareness on multiple benefits from EE
  - Drivers and barriers to EE deployment

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## Support to Energy Efficiency Development in Businesses (Technical assistance)

EED transposition (Legislative Decree 102/2014 and SAs)

### PS-PMI (1st year)

Information campaigns (6 events)

May 2022-Jan. 2023 (ca 1,300 participants)

- Ministry (MASE)
- Local administrations
- Industry associations
- Universities



Tools for supporting EE in SMEs\*

Online spreadsheet (ENEA+SI-UNIBAS)

- Energy (energy audit)
- Economics (NPV, IRR, payback)
- Environment (water consumption)

### PIF "Italia in Classe A" (monitoring exercise\*\*)

Information campaigns (10 cities/events)

Mar. 2019-Apr. 2019 (300/500 respondents)

Drivers:

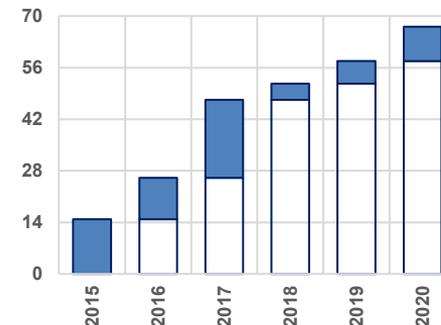
- Mandatory legislations
- Public interest
- ENEA's activities (6<sup>th</sup>)

Barriers:

- Financial risk
- Capital requirement
- Priority scale

Estimated impact:

**2015-2020: 265 ktep**



\*To be launched (end of March); \*\* [Preziosi et al. \(2022\): Energies, 15\(5\), 1931](#)

**Alessandro Fiorini**  
alessandro.fiorini@enea.it  
+39.(0)6.304833231



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