



# EU Info Days

## LIFE CET Call 2023

### **LIFE-2023-CET-BUSINESS**

Supporting the clean energy transition of European businesses



European Climate,  
Infrastructure and  
Environment  
Executive Agency

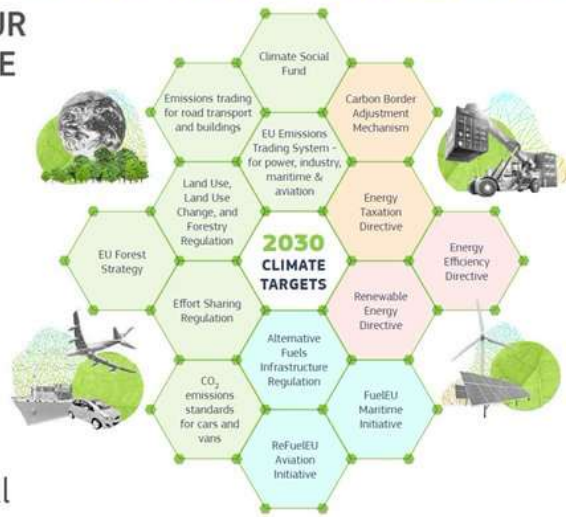
**Oronzo DALOISO**  
**Filippo GASPARIN**  
*Project Advisors*  
*LIFE Energy & LIFE Climate*

# LIFE-2023-CET-BUSINESS

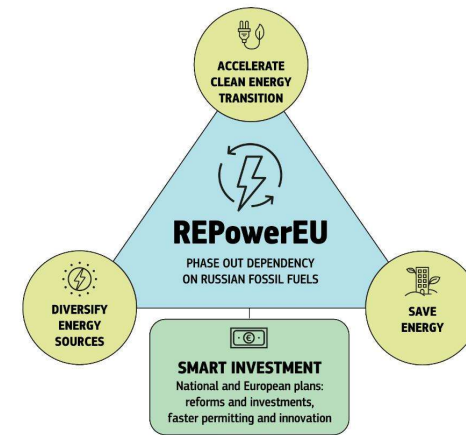
## Introduction

### EUROPEAN GREEN DEAL

REACHING OUR  
2030 CLIMATE  
TARGETS



#EUGreenDeal



**THE GREEN DEAL INDUSTRIAL PLAN**

Speeding up the contribution of Europe's innovative clean tech industries to net-zero



# Energy audits and Energy Management Systems

## Main considerations

(Article 8 → 11)

Small and medium enterprises definition

Size of an enterprise vs level of energy consumption

Energy management systems for large energy consumers; energy audits for certain thresholds

Follow-up to the audit recommendations

Programmes to encourage companies (that are not subject to the new provisions) to undergo the energy audits



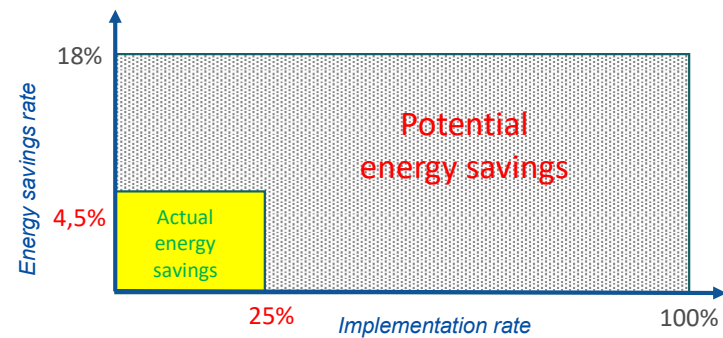
# LIFE-2023-CET-BUSINESS

## Actual VS Potential energy savings



### Energy Audits:

- Important tool to overcome information gaps
- Promoting BATs and BAPs
- Enable companies to position among peers
- Low implementation rate of recommended measures due to:
  - Lack of regulatory obligations
  - Lack of capital and financial support
  - Lack of strategic perception and awareness



CINEA's Report (May 2021)

<https://cinea.ec.europa.eu/system/files/2021-10/1%20EASME%20CINEA%2041%20Final%20Report%20FINAL.pdf>



# SCOPE A

*Strengthen a favourable ecosystem for energy audits  
and energy management systems*



# The specific objectives of Scope A

## Strengthen a favourable ecosystem for energy audits and EnMS

- **Foster** in the participating countries the market uptake of energy audits recommendations of cost-effective EEM <sup>1</sup> and where relevant RES by companies, especially small and medium sized energy-intensive businesses.
- **Address** the quality of energy audits, e.g. role of European and international standards, energy auditors, Action Plan for the recommended measures, valorisation of non-energy benefits, follow-up systems, data management.
- **Explore** the potentials of energy management systems based on performance improvement.
- **Consider** other barriers that at national / regional level may hinder the implementation of projects of energy efficiency and increase of renewable energy in operations of businesses.



<sup>1</sup> Energy Efficiency Measures targeting both supporting processes and industrial processes.

# The core aspects of Scope A

## Strengthen a favourable ecosystem for energy audits and EnMS

### ➤ Support to Companies

- Services tailored to the participating companies to support them in the implementation of cost-effective measures as identified in the energy audit.
- Quality of energy audits and skills of energy auditors.
- Where relevant, explore the potentials of energy management systems.
- Enhancement of corporate energy culture to facilitate the uptake of energy audits recommendations.

### ➤ Support to national / regional authorities

- Gap assessment of the participating national / regional ecosystems for energy audits and energy management systems.
- Quality of energy audits, management and exploitation of data.
- Replication of best practices e.g. for tax / financial incentives, support schemes, informational campaigns, energy efficiency networks, energy audit centres for SMEs, etc.
- Valorisation of the non-energy multiple benefits.



# The expected impacts of Scope A

## Strengthen a favourable ecosystem for energy audits and EnMS


- Number of national / regional ecosystems supported for energy management systems and energy audits.
- Number of companies benefitting from direct support.
- Implementation rate of energy audit recommendations resulting from the proposed activities.
- Number of energy auditors using improved energy audit methodologies.
- Harmonisation of energy audit frameworks and replication of best practices across participating countries.
- Implementation of EU legislation (in particular Energy Efficiency Directive and Renewable Energy Directive) addressing the business sector.





# Relevant H2020 projects for Scope A

Strengthen a favourable ecosystem for energy audits and EnMS

| LOGO  | AIM  | DURATION  |
|---|--|---|
|    | <p>Support Member States in establishing or improving effective policies for SMEs to undergo energy audits and implement cost-effective, recommended energy-saving measures.</p> <p><a href="http://www.leap4sme.eu">www.leap4sme.eu</a></p>   | <p><b>LEAP4SME</b><br/> <b>Start date:</b> 01/09/2020<br/> <b>End date:</b> 31/08/2023</p>              |
|   | <p>Engage SMEs in the energy transition by taking profit of multiple benefits from energy management and energy audit approaches, as well as provide national authorities with guidelines and recommendations to strengthen their national schemes/policies.</p> <p><a href="http://www.deesme.eu">www.deesme.eu</a></p> | <p><b>DEESME</b><br/> <b>Start date:</b> 01/09/2020<br/> <b>End date:</b> 31/08/2023</p>                |
|  | <p>Empower SMEs to undergo energy audits and implement their proposals thanks to a holistic methodology addressing the Individual, Organizational and Institutional dimensions.</p> <p><a href="http://www.smempower.com">www.smempower.com</a></p>  | <p><b>SME mPower Efficiency</b><br/> <b>Start date:</b> 01/09/2019<br/> <b>End date:</b> 31/08/2022</p> |



# SCOPE B

*Fostering energy cooperation among  
companies*



# The specific objectives of Scope B

## Fostering energy cooperation among companies

- To foster the **market uptake of energy efficiency measures<sup>1</sup>** and **renewable energy** (heat pumps when relevant) through **collaborative mechanisms** among companies operating in the **same value chain** OR in **proximity**.
- Decarbonising and increasing the energy performance of companies will **generate an increasing value for the society** (contributing to the EU Green Deal).
- Enable companies to become **fully aware of the risks** associated to deliver on the market technologies, products and services that are highly energy intensive (e.g. exposure to energy price volatility – company reputation).



<sup>1</sup> Energy Efficiency Measures targeting both supporting processes and industrial processes.

# Overview of the two proposed concepts

Fostering energy cooperation among companies

| Sustainable Value chains   | Local cooperation  |
|--|--|
| <ul style="list-style-type: none"><li><input type="checkbox"/> Companies of all size operating in the same value chain</li><li><input type="checkbox"/> From local to European and international when relevant</li><li><input type="checkbox"/> No need to target the full value chain</li></ul> | <ul style="list-style-type: none"><li><input type="checkbox"/> Companies in proximity (region, clusters, industrial park/site)</li><li><input type="checkbox"/> Sharing energy related assets (e.g. renewable, energy storage), energy services, etc.</li><li><input type="checkbox"/> Facilitate better access to finance</li></ul> |



# The core aspects of Scope B

## Fostering energy cooperation among companies

- Carrying out activities aiming at **triggering interest, awareness, knowledge and know-how** among relevant stakeholders on the **added value of the selected concept**<sup>2</sup> :
  - Organising roundtables, webinars (etc) at local, national and EU level
  - To develop mechanisms capturing the multiple benefits of such approaches
- To establish **concrete cooperation initiatives** within the timeframe of the project
  - Identify, investigate and validate economically viable business models (based on the concrete interaction of participating companies)
  - Proving the relevance of the selected concepts in terms of value creation for each actor (*going beyond concepts such as Net Value Income and free cash flow to define the value of a company*)
- To develop **benchmarking and monitoring mechanisms**
  - Focus on the energy use either at value chain or local level.
  - Policy recommendations on reporting standard to monitor the progress towards the Green Deal's objectives.



<sup>2</sup> Applicants are requested to address one of the proposed concept: **Sustainable Value Chain** or **Local Cooperation**.

# The expected impacts of Scope B

## Fostering energy cooperation among companies







### Expected Impacts:

- Viable business models for energy cooperation between companies ready to be rolled out on the market.
- Deployment of energy related infrastructure, energy services, and/or energy exchanges contributing to the clean energy transition of businesses.
- Number of companies implementing energy cooperation approaches.
- Number of relevant stakeholders approached and trained on energy cooperation approaches between companies.
- Primary energy savings triggered by the project (in GWh/year)
- Renewable energy generation triggered by the project (in GWh/year)
- Investments in sustainable energy triggered by the project (cumulative, in million Euro)



# Relevant H2020 projects for Scope B

Fostering energy cooperation among companies

| Sustainable Value chain   | Local Cooperation  |
|---|--|
| <br><a href="http://www.impawatt.com">www.impawatt.com</a> | <br><a href="https://incub-is.eu/">https://incub-is.eu/</a>                   |
| <br><a href="http://www.iccee.eu">www.iccee.eu</a>         | <br><a href="https://r-aces.eu/">https://r-aces.eu/</a>                       |
| <br><a href="http://www.e2driver.eu">www.e2driver.eu</a> | <br><a href="https://www.sparcs-h2020.eu/">https://www.sparcs-h2020.eu/</a> |



# LIFE-2023-CET-BUSINESS

## EU Contribution and duration

| Topic                  | Total Budget (€ million) | Expected EU Contribution (€ million) | Expected funded projects | Funding rate (%) | Average Project duration (months) |
|------------------------|--------------------------|--------------------------------------|--------------------------|------------------|-----------------------------------|
| LIFE-2023-CET-BUSINESS | 6                        | ~1,75                                | 3/4                      | 95               | ~36                               |

*Nothing prevents you from requesting a different EU contribution and/or different duration*





# LIFE-2023-CET-BUSINESS

Make sure that...

- The strategy to engage companies is realistic and credible.
- The sustainability of the project is convincingly addressed.
- The baselines, benchmarks and assumptions used to calculate the expected impacts are clearly explained and presented.
- Explain how your proposal will go beyond the state of art (e.g. existing similar EU Funded projects).
- Synergies with relevant initiatives and organizations such as CEN-CENELEC, Covenant of Companies for Climate and Energy (CCCE), Enterprise Europe Network (EEN) are encouraged.



# Thank you



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