



# EU Info Days

## LIFE CET Call 2022

### LIFE-2022-CET-BUSINESS

Supporting the clean energy transition of the business sector



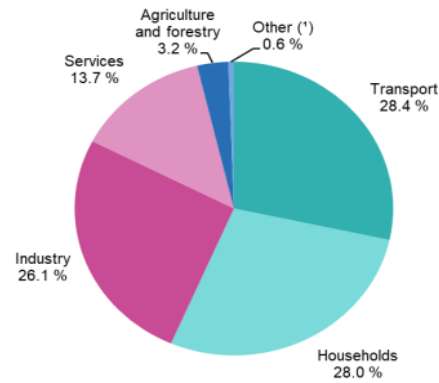
European Climate,  
Infrastructure and  
Environment  
Executive Agency

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*LIFE Energy & LIFE Climate*

# LIFE-2022-CET-BUSINESS

## Introduction

Final energy consumption by sector, EU, 2020  
(% of total, based on terajoules)



(\*) International aviation and maritime bunkers are excluded from category Transport.

Source: Eurostat (online data code: nrg\_bal\_s)

eurostat



Climate neutrality by 2050 with full mobilisation of **all industrial value chains**, including energy-intensive sectors.



Greater resilience, alongside **competitive sustainability** and open strategic autonomy.



**Short-term reduction of the use of fossil fuels** by boosting energy efficiency and increasing renewables and electrification.



**CINEA's impact assessment** has highlighted that the actual energy savings achieved by companies following an energy audit still remain limited.



European  
Commission

# LIFE-2022-CET-BUSINESS

## Recast EED

### Article 11

Implementation of an **energy management system** as a default obligation for large energy consumers (above 100TJ)

An **energy management system** or an **energy audit** for energy consumers (above 10TJ)

### Annex VI

2 additional criteria for energy audits

- identify energy efficiency measures to decrease energy consumption
- identify the potential for cost-effective use or production of renewable energy



# SCOPE A

*Foster a favorable energy audits ecosystem*



# The specific objectives of Scope A

## Foster a favourable energy audits ecosystem

- To foster the market uptake of EEM <sup>1</sup> and RES by companies through a more favourable energy audits ecosystem.
  - **Local Support:** advisory services to increase the uptake of cost-effective energy audits recommendations by businesses.
- or*
- **Policy Support:** improve the national and European frameworks to deliver high quality energy audits.



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

# The core aspects of Scope A

## Foster a favorable energy audits ecosystem

### ➤ Local Support

Higher uptake of energy audits recommendations

- Support services tailored to each participating company in order to implement short, medium or long-term recommended measures as identified in the energy audit.
- Where relevant, operational support to groups of companies.

### ➤ Policy Support

High quality energy audits

*or*

- Recommendations at national level, e.g. on minimum criteria reflecting best practices, taking into account non-energy benefits and supporting investment decisions, but also on certification schemes for energy auditors.
- Also monitoring/follow-up systems for the quality of audits as well as centralisation and harmonisation of data.

### Corporate energy culture

In addition to one of the above issues, applicants could also address the enhancement of corporate energy culture to facilitate the uptake of energy audits recommendations and subsequent measures.



# The expected impacts of Scope A

## Foster a favorable energy audits ecosystem

### **Expected Qualitative Impacts:**

- Improved effectiveness and notably cost-effectiveness of energy audits in delivering investments in energy efficiency and renewable energy sources by an increased uptake of energy audits recommended measures
- Higher quality energy audits, harmonised certification and accreditation schemes for auditors, improved monitoring of energy audits.
- Better implementation of Art. 8 of the Energy Efficiency Directive



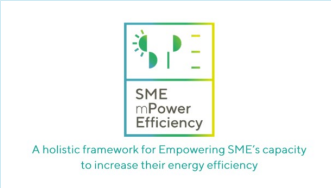
### **Expected Quantitative Impacts:**

- Energy audits measures implemented by companies and related energy efficiency investments
- Companies benefitting from direct support
- Company staff with improved skills/knowledge
- National frameworks improved



# Relevant H2020 projects for Scope A

## Foster a favorable energy audits ecosystem

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>  <b>Start date:</b> 01/09/2020  <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>  <b>Start date:</b> 01/09/2020  <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>  <b>Start date:</b> 01/09/2019  <b>End date:</b> 31/08/2022</p>





# SCOPE B

*Unlock the energy efficiency and renewable potential at value chain level*



# The specific objectives of Scope B

Unlock the energy efficiency and renewable potential at value chain level

- To foster the **market uptake of EEM<sup>1</sup>** and where relevant RES and Heat Pumps through **collaborative approaches** between large and small companies that operate along the whole value chain.
- 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 - undermine sustainability of companies).



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

# The core aspects of Scope B

Unlock the energy efficiency and renewable potential at value chain level

- Carrying out activities aiming at **triggering interest, awareness, knowledge and know-how** among relevant stakeholders on the **added value of the value chain approach**:
  - Organising roundtables, webinars (etc) at local, national and EU level
  - To develop mechanisms capturing the multiple benefits of such approach
- To **identify, investigate and validate economically viable business models**
  - Based on the concrete interaction of participating companies
  - Proving the relevance of a value chain approach 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 mechanisms and monitoring systems**
  - Focus on the energy use at value chain level.
  - Policy recommendations on reporting standard to monitor the progress towards the Green Deal's objectives.



# The expected impacts of Scope B

Unlock the energy efficiency and renewable potential at value chain level

## Expected Qualitative Impacts:

- The relevance of value chain approaches to increase **sustainability, resilience and competitiveness** among companies
- Demonstrate the **economic viability of collaborative approaches** to greening value chains
- Make available to market actors **data evidence on value chain energy use**
- Propose **benchmarks and standards** as well as **regulatory and policy improvements**

## Expected Quantitative Impacts:

- Number of market stakeholders with improved **skills/knowledge/awareness/know-how** on the role of sustainable value chains in promoting the clean energy transition of the business sector
- **Number of companies** and **value chains** involved in the exploration of energy collaborations
- **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

Unlock the energy efficiency and renewable potential at value chain level

LOGO	AIM	DURATION
	The IMPAWATT project created a cross-sectoral capacity building programs to enhance corporate policy towards energy efficiency also through sustainable supply-chain initiatives. <a href="http://www.impawatt.com">www.impawatt.com</a>	<b>IMPAWATT</b> <b>Start date:</b> 01/06/2018 <b>End date:</b> 31/03/2021
	The ICCEE project is aiming at facilitating SMEs in the cold chains of the food and beverage sector to undertake energy efficiency measures after carrying out supply chain energy assessments/audits. <a href="http://www.iccee.eu">www.iccee.eu</a>	<b>ICCEE</b> <b>Start date:</b> 01/09/2019 <b>End date:</b> 31/08/2022
	E2DRIVER methodology has been designed to boost the efficiency of capacity building programmes, which will unlock the current potential for energy savings in the automotive supply chain companies. <a href="http://www.e2driver.eu">www.e2driver.eu</a>	<b>E2DRIVER</b> <b>Start date:</b> 01/06/2019 <b>End date:</b> 31/05/2022



# LIFE-2022-CET-BUSINESS

## EU Contribution and duration

Topic	Total Budget	Range of Project Budget (m/€)	Expected funded projects	Expected Project duration (months)
<i>LIFE-2022-CET-BUSINESS</i>	<b>6</b>	<b>~1,5</b>	<b>4</b>	<b>~36</b>

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



# Keep in touch with us

Any questions on CET call topics? Email us on:  
[CINEA-LIFE-CET@ec.europa.eu](mailto:CINEA-LIFE-CET@ec.europa.eu)



30 years of bringing green ideas to LIFE



[https://cinea.ec.europa.eu/life\\_en](https://cinea.ec.europa.eu/life_en)



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# Thank you



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