EU Info Days

LIFE CET Call 2021

LIFE-2021-CET-VALUECHAIN

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The Global Challenge

- In 2018 the Industry and Services sectors were responsible **of 40% of the total EU-27 final energy consumption** (respectively accounting for 25,8% and 14,2%) [1].
- Industry has been steadily reducing its emissions and increasing its energy savings over the past decades. **In the last fifteen years between 2004 and 2018 European industry reduced its emissions by 20%**[2].
- To meet the EU's carbon neutrality ambition by 2050, the EU Industry will have to reduce its emissions to around **90-95% compared to 1990 levels**[2].

1 https://ec.europa.eu/eurostat/statistics-explained/index.php/Energy_statistics_-_an_overview#Final_energy_consumption
2 https://ec.europa.eu/transparency/regdoc/rep/10102/2020/EN/SWD-2020-176-F1-EN-MAIN-PART-2.PDF

The objective of ***LIFE-2021-CET-VALUECHAIN***

- To foster the market uptake of EEM [1] and RES through a closer collaboration between large and small companies that operate along the whole value chain.
- **(Main Objective)** To enable companies to become fully aware of the risks associated to deliver on the market technologies, products and services that are highly energy intensive:
  - Exposure to energy price volatility
  - Reputational risks
  - Undermine sustainability of companies
- **(Additional Objective)** To benchmark and monitor the energy use at value chain level

[1] Energy Efficiency Measures targeting both supporting processes and industrial processes.

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The scope of ***LIFE-2021-CET-VALUECHAIN***

- To develop, test and validate **innovative business models**
  - **Identify relevant actors** such as Large companies/SMEs but also players (e.g. ESCO, municipalities, third parties, obliged parties as per art 7 of the EED, etc).
  - Prove how they **generate value** from the project.

- To produce a **business case**
  - **Some of the identified approaches and sustainable measures** are to be **implemented during the time frame of the project.**
  - **Benefits vs costs.**

- 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.

Expected Impacts of ***LIFE-2021-CET-VALUECHAIN***

- Development and implementation of **economically viable business models** at value chain level.
- **Number of companies and value chains involved** in business models and business cases.
- **Replicable use cases** demonstrating value chain solutions for EE measures and RES.
- **Data evidence on value chain energy use** made available to relevant market actors.
- Development of **innovative benchmarking/monitoring systems** for the energy use at value chain level.
- Improvement of **standards, governance and regulatory frameworks** to support the integration of energy efficiency and renewable energy at value chain level.
- **Primary energy savings/Renewable energy generation** triggered by the project (in GWh/year).
- **Investments in sustainable energy** triggered by the project (cumulative, in million Euro).

Relevant H2020-EE-CSA projects

LOGO	AIM	DURATION
www.impawatt.com	The IMPAWATT project created a cross-sectoral capacity building programs to enhance corporate policy towards energy efficiency also through sustainable supply-chain initiatives. ***Link established with the EU supply chain initiative*** (www.supplychaininitiative.eu)	**IMPAWATT** **Start date:** 01/06/2018 **End date:** 31/03/2021
www.iccee.eu	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. ***Online report on life cycle assessment to assess the environmental and economic impacts across the whole cold chain.***	**ICCEE** **Start date:** 01/09/2019 **End date:** 31/08/2022
www.e2driver.eu	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. ***On-line benchmarking of automotive sector energy use.***	**E2DRIVER** **Start date:** 01/06/2019 **End date:** 31/05/2022

Indicative EU Contribution and duration

Topic	Range of Project Budget (m/€)	Expected Project duration (months)
LIFE-2021-CET-VALUECHAIN	***~2***	***~36-48***

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

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Some recommendations…

- Develop a credible **Work Plan**
- Think already about the **sustainability of the project**
- Involve **relevant stakeholders**
- Have a look at the **impact assessment** [1] published by CINEA:

  - *Link between proposed activities and expected impacts*
  - *Common factors for the calculation of the expected impacts*
  - *Quantification of Multiple Benefits*
  - *Recommendations at project level (e.g. SMEs engagement etc)*

[1] https://cinea.ec.europa.eu/publications/assessment-and-communication-relevant-eu-funded-projects-supporting-market-uptake_en

Keep in touch with us

https://cinea.ec.europa.eu/life/clean-energy-transition_en/

@CleanEnergy_EU, @LIFEprogramme

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LIFE youtube channel

Thank you