



Das LIFE Clean Energy Transition Teilprogramm

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German LIFE info day 05 June 2023



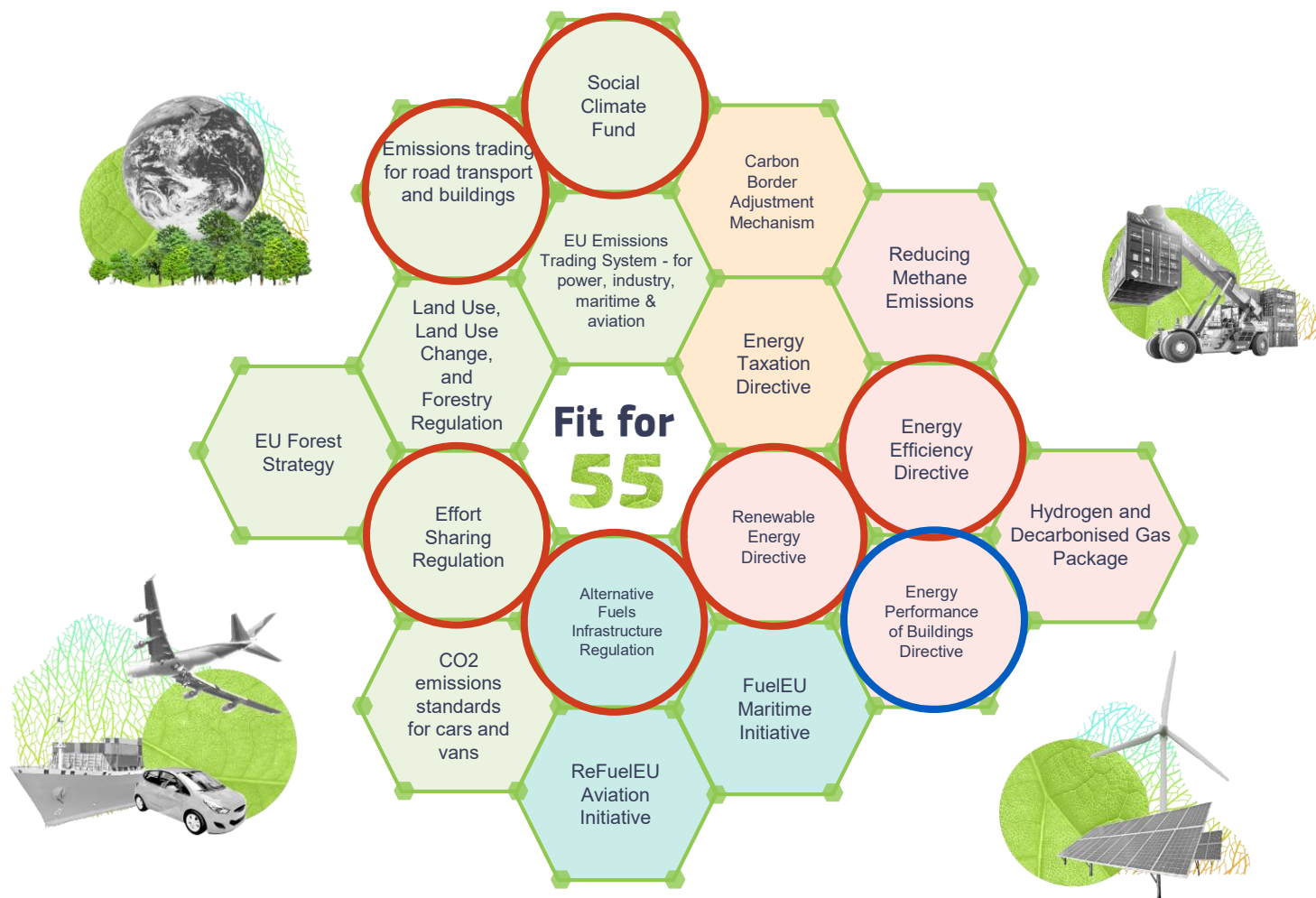
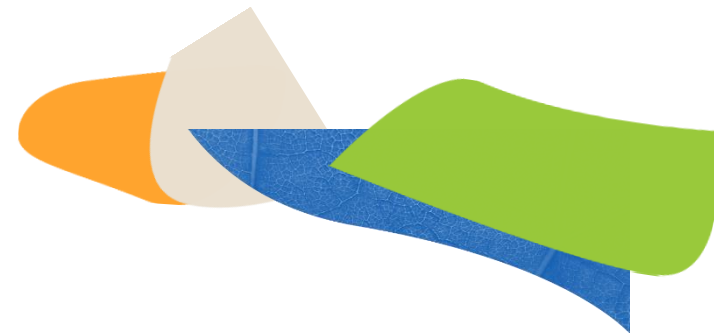
European
Commission

Delivering on the European Green Deal and Fit for 55

Policy background

European Commission – DG ENER
Energy Efficiency Unit
Margot Pinault

“Fit for 55” legislative package



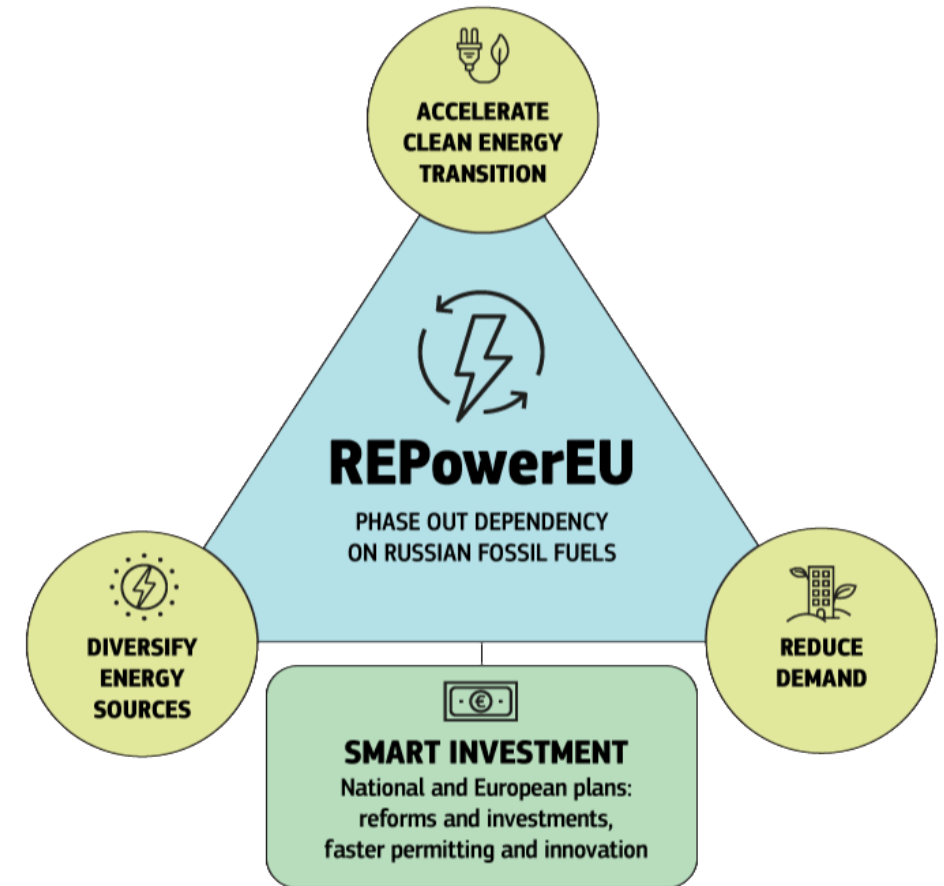
EU response to crisis: REPowerEU - from goals to actions

Independence from Russian fossil fuels by 2027

- Increase imports of **liquefied natural gas** (LNG) by 50 bcm
- Increase **pipeline gas** imports by 10 bcm
- Increase **biomethane** production by 3.5 bcm
- EU-wide **energy saving** to cut gas demand by 14 bcm
- **Rooftop solar** to reduce gas demand by 2.5 bcm
- **Heat pumps** to reduce gas demand by 1.5 bcm
- Reduce gas demand in the power sector by 20 bcm by deployment of **wind and solar**

Increase the target of renewable energy from 40% to **45%** by 2030

Increase the target of energy savings from 9% to **13%** by 2030



Complemented by:

- [EU Save Energy Communication](#)
- [EU Solar Energy Strategy](#)

Main elements – EED-recast



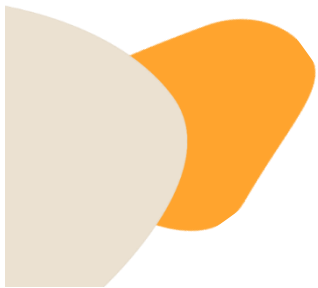
Increased EU energy efficiency target for 2030 : **11.7% reduction** in primary (indicative) and final (binding) energy consumption

‘Energy Efficiency First’ Principle – making it an integral part of policy and investment decisions

Strengthened energy savings obligation in end-use : **1,49%/y in average with a step-wise approach**

Stronger exemplary role of public sector: **1.9%/y reduction of public sector final energy consumption**, 3% annual renovation rate of **all public buildings** above 250 m2.

H&C planning and Efficient District Heating and Cooling definition for the sector transition to decarbonisation

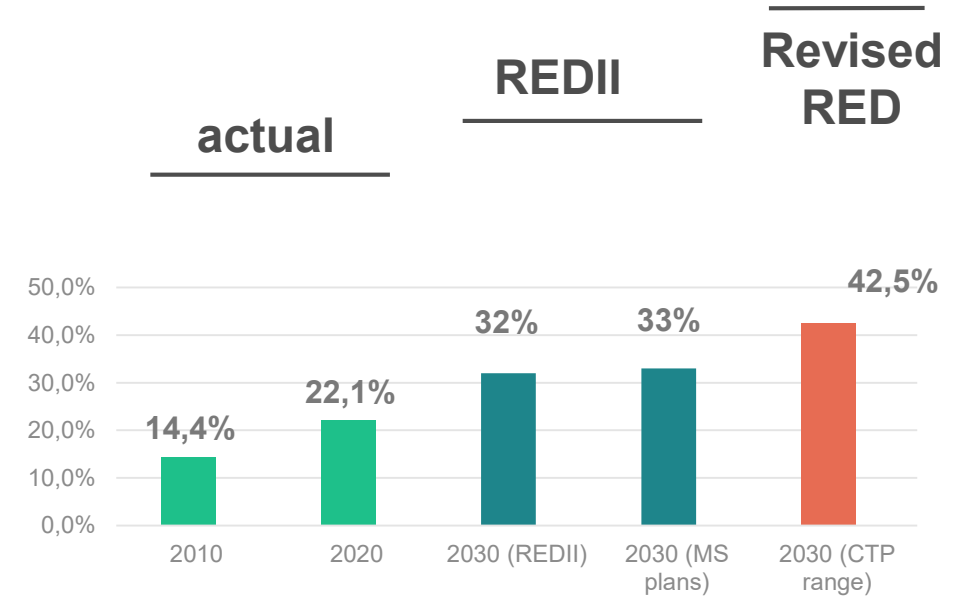


RED – measures to support target achievement

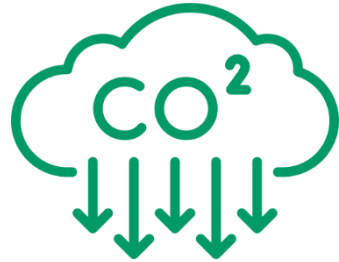


At least 42.5%
EU binding target
MS contributions + formula
+ additional aspirational target of 2.5%

+ new indicative target for new capacities in innovative technologies: 5% by 2030



EPBD revision: priority areas and main provisions



Renovation

- National Building Renovation Plans
- Minimum Energy Performance Standards
- Energy Performance Certificates
- Renovation passports for individual buildings

Decarbonisation

- Zero-emission buildings as new standard for new buildings and 2050 vision for building stock
- Consideration of whole life cycle carbon
- Phasing out of incentives for fossil fuels and new legal basis for national bans

Modernisation & system integration

- Infrastructure for sustainable mobility
- EPC digitalisation & databases
- Smart Readiness Indicator

Financing

- Public and private financing & technical assistance
- Deep renovation standard
- Priority to vulnerable households



Das LIFE-Teilprogramm

Clean Energy Transition (LIFE-CET)

The LIFE Programme 2021-2027

Objectives:

To contribute to the shift to a circular, energy-efficient, renewable energy based- and climate resilient economy

To protect and improve the quality of the environment

To halt and reverse biodiversity loss



Nature and Biodiversity



Circular Economy and Quality of Life



Climate Change Mitigation and Adaptation



Clean Energy Transition

Supported activities:

- Promote best practices and behavioral changes
- Catalyse the large scale deployment of successful solutions

On legislation and policies

- Support their development, monitoring and enforcement
- Help Member States to improve their implementation

Enabling actions for energy efficiency and renewable energy policy

removing market barriers, mobilising investments, improving skills, raising awareness, educating, empowering

H2020 Energy Efficiency... LIFE Clean Energy Transition

- Break market barriers, change market and regulatory fundamentals
- Improve governance and capacities/skills at all levels
- Mobilise investment and improve access to finance
- Innovative approaches to support directly the uptake and implementation of EU legislation, targets and initiatives, with real impact on the ground

Fit for 55

The European Green Deal

(...)

Energy Efficiency First

Renovation Wave

Revision of targets

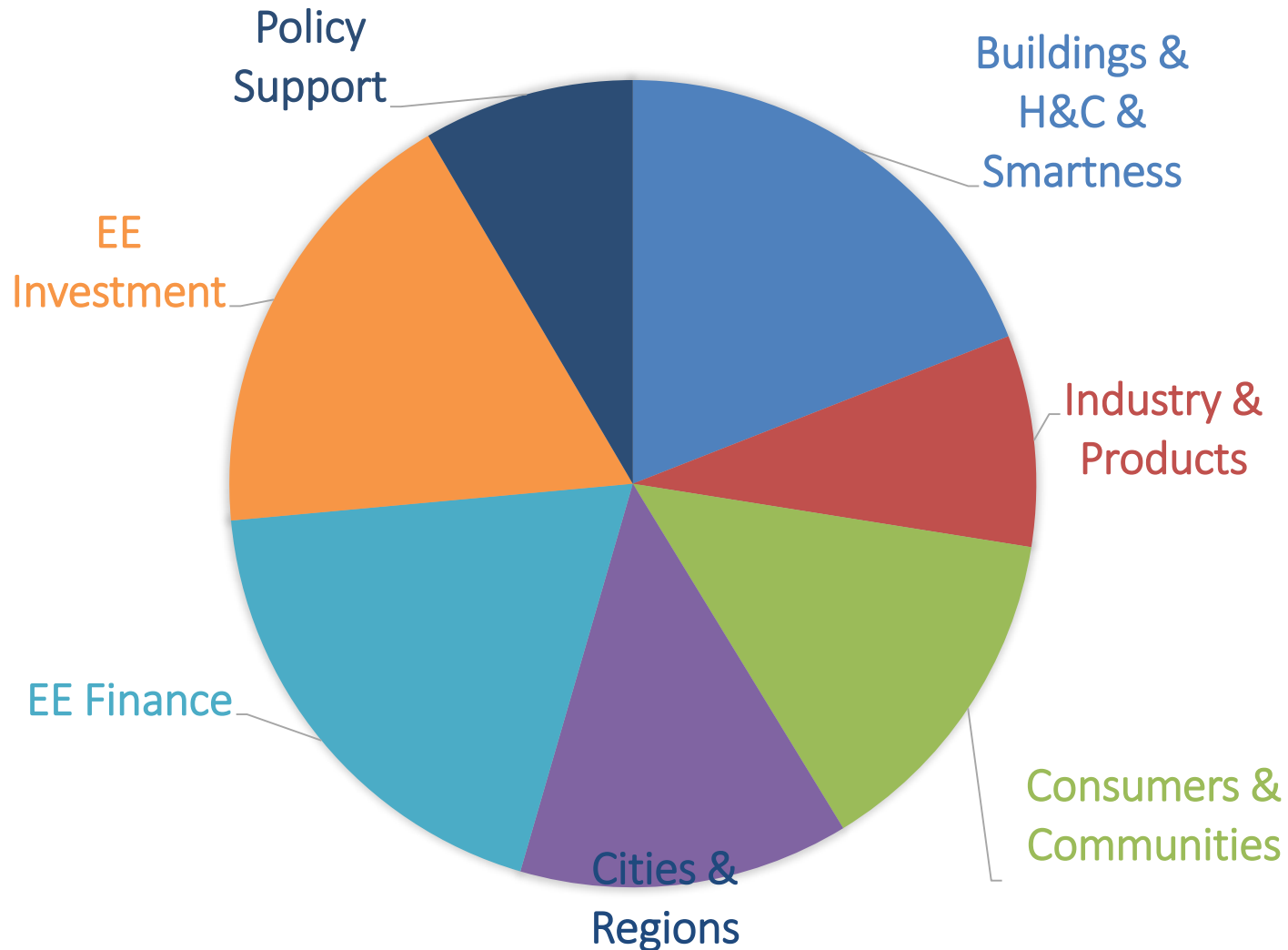
Finance the transition

Recovery Plans

RepowerEU

H2020 and LIFE Clean Energy Transition projects – implement projects with impacts

(280+ ongoing projects, status March 2023)

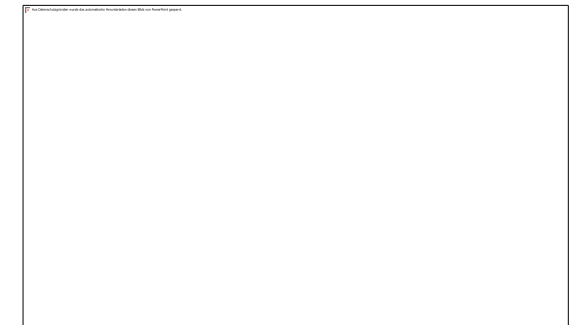
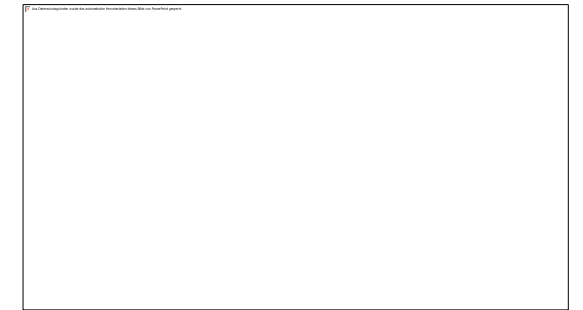


Implement projects with impacts such as

- **Decarbonisation of building stock:** e.g. number of deep renovations with reduced costs or number of buildings equipped with a renovation passport
- **Home renovation:** Design and operate innovative one-stop-shops for home renovation
- **Consumers:** Set up of innovative support schemes for energy communities
- **Finance:** Launch new green finance products for home-owners

LIFE CET - support for key legislation & initiatives

- **Member States Concerted Actions** for Renewable Directive, Energy Efficiency Directive, Building Directive, Product Legislation, Defence Forum
- **Strategic tenders and initiatives** e.g. European Sustainable Energy Week (EUSEW), Building Stock Observatory, Sustainable Energy Investment Forum, ManagEnergy, Build up Portal, European City Facility
- **Policy support actions** e.g. Multiple benefits, Energy efficiency First principle, ODYSEE MURE, the comprehensive monitoring of efficiency trends and policy evaluation in EU countries



The sub-programme Clean Energy Transition



- Key programme for EU clean energy policy implementation and fill the gaps between energy efficiency and renewables policy development and implementation
- Predecessor programmes: **Intelligent Energy Europe** and **Horizon 2020 Energy Efficiency**
- 2021-2027 budget of almost €1 bn, about 100m EUR/annually for grants through LIFE CET Call for Proposals

LIFE CET – Call 2023 Funding topics (I)

Building a national, regional + local policy framework supporting the CET

- Cites and regions: Technical support to clean energy transition plans and strategies in municipalities and regions (**LOCAL**)
- Effective implementation of key legislation in the field of sustainable energy (**POLICY**)
- Maximising use of and valorising EPREL data (**EPREL**)

Decarbonisation of buildings and H&C

- Energy Performance of Buildings (**BETTERRENO**)
- District heating and cooling: investment plans and skills (**DHC**)
- Boosting heat pump deployment: alternative models and skilled installers (**HEATPUMPS**)

Building skills and capacity of industry and the service sector

- BUILD UP Skills – Upskilling and reskilling (**BUILDSKILLS**)
- Supporting the clean energy transition of European businesses (**BUSINESS**)

LIFE CET – Call 2023 Funding topics (II)

Facilitating investment projects at local and regional level

- One-Stop-Shops - Integrated services for buildings and businesses (**OSS**)
- Project Development Assistance (**PDA**)

Attracting private finance for sustainable energy

- Crowding in private finance: Mainstreaming and Innovative financing schemes (**PRIVAFIN**)

Citizens in the clean energy transition

- Supporting European households to alleviate energy poverty and vulnerability (**ENERPOV**)
- European Energy Communities Facility (**ENERCOM**)

LIFE CET to build capacity: #Decarbonising Urban Heating and Cooling

- DecarbCityPipes2050: 7 cities target **phasing out of natural gas in buildings** by 2035-2050
- Structural change: **planning must start now** with engagement of all local actors
- **Highly evidenced Heating and Cooling plans** developed based on proper **guidance for cities**
- **Full transition roadmaps** including measures, policies, timelines, finance, responsibilities & real **success-narratives from city to city**

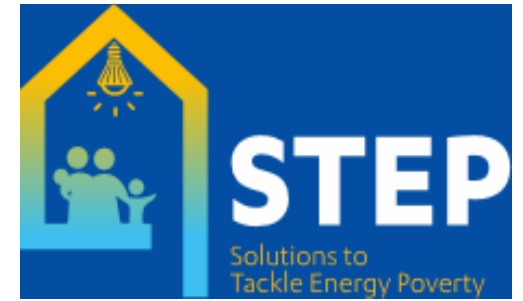


STEP

Solutions to Tackle Energy Poverty

- Bring together **consumer and frontline organisations to set up referral networks** of advisors - support energy poor consumers in 9 countries
- **Train frontline workers and deliver on- and offline advice to consumers** (e.g. online training modules, local Energy Support Offices, home energy audits)
- **Identify best practices and policy choices** to alleviate energy poverty and promote their replication across EU
- Institutionalise energy efficiency advice in sustainable consumer networks

[STEP project - Solutions to Tackle Energy Poverty \(stepenergy.eu\)](http://stepenergy.eu)



Covers some of the countries with the highest rates of energy poverty in Europe (BG, CY, CZ, LV, LT, PL, PT, SK and UK)

15.000 energy poor consumer involved

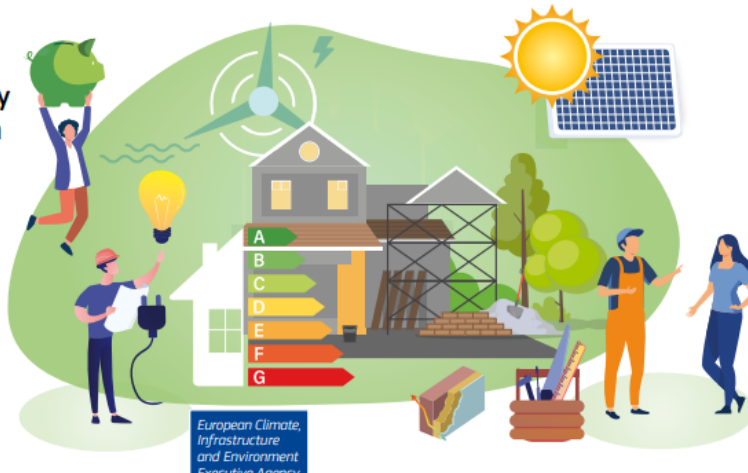
9 longer term support schemes established

EU LIFE-CET Info Day – 1 June 23



Life clean energy transition sub-programme

Supporting the delivery of the European Green Deal and sustainable energy policies



Recordings and Presentations on available on the B2Match-Platform
[EU LIFE Info Days 2023 - Info \(b2match.io\)](https://www.b2match.io)

and on the CINEA-website

Keep in touch with LIFE



30 years of bringing green ideas to LIFE



https://cinea.ec.europa.eu/life_en

→ **Advice in your country:** LIFE National Contact Points: https://cinea.ec.europa.eu/programmes/life/history-life/life-contacts/european-national-contact-points_en

→ **Advice at CINEA:** CINEA-LIFE-CET@ec.europa.eu

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Thank you



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