



# LIFE Clean Energy Transition (LIFE CET)

Sylvain Robert

Project adviser

CINEA – LIFE Climate & Energy Unit

*Irish LIFE Info Day*  
*31 May 2023*



# Policy context - Overview



- **European Green Deal** - Overarching policy

EU to be climate neutral by 2050 and cut GHG emissions by at least 55% by 2030

- **Fit for 55 package** - Delivering the Green Deal

Set of interconnected proposals, including revision of key legislation EED, RED, EPBD

- **REPowerEU** makes the "Fit for 55" package more ambitious and speed up its adoption and implementation

# 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 behavioural 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

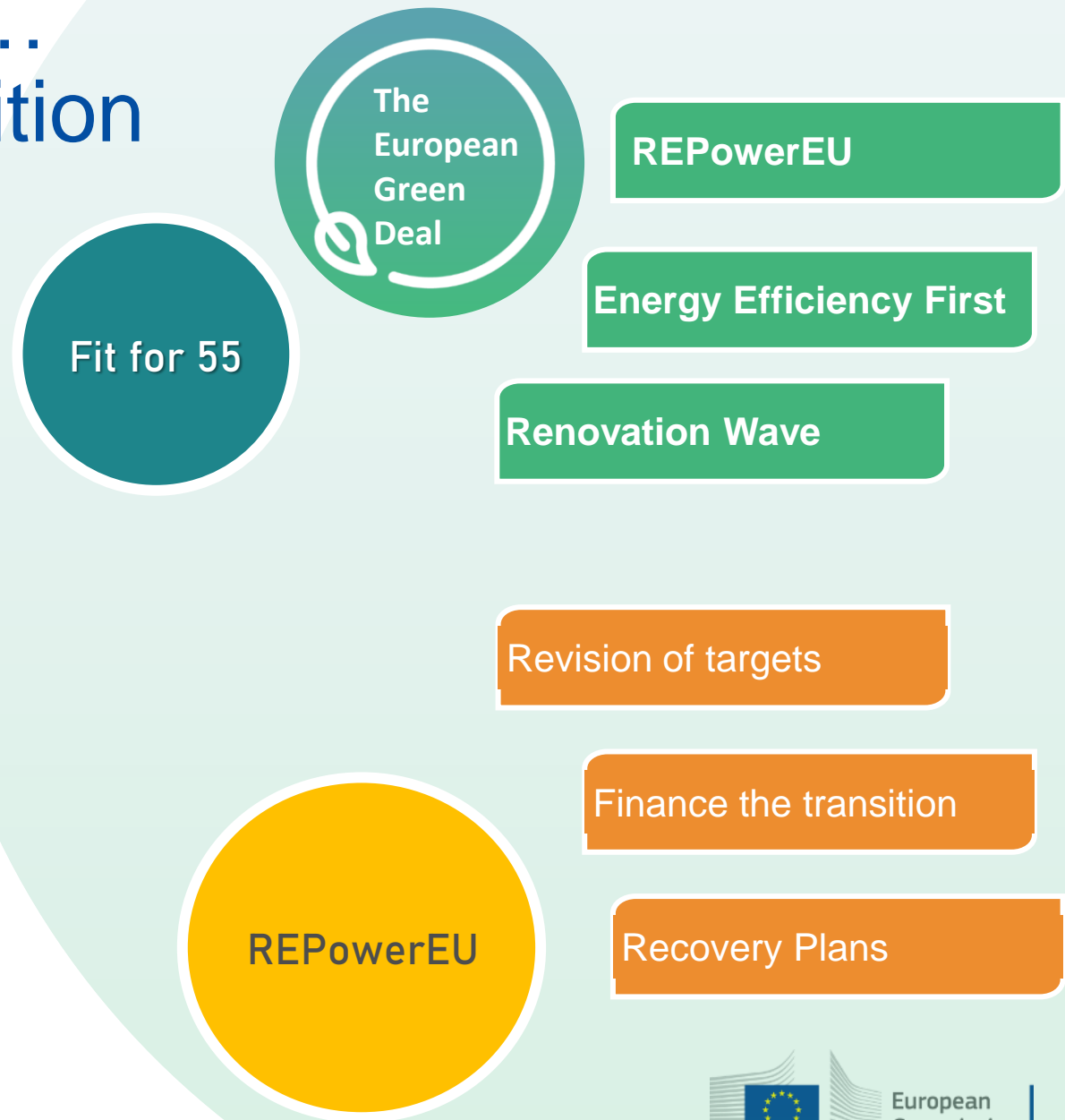
# The sub-programme Clean Energy Transition



- 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

# 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



# LIFE CET Call 2023

- Publication: **11<sup>th</sup> May 2023**
- Deadline: **16<sup>th</sup> November 2023**
- **+/- 100 mEUR** available for +/- 55 grants
- policy-driven funding topics with **detailed guidance**
- Most funding topics: **minimum of 3 (eligible) entities from 3 different eligible countries** (average number of partners is higher)
- **95% co-funding rate**
- Apply electronically via the EC's [Funding & Tender opportunities portal](#)

Energy performance contracting  
Green jobs Project development assistance  
Ecodesign and energy labelling Deep renovation  
Energy communities European Green Deal  
Home renovation Innovative financing schemes  
EU carbon neutrality SECAPs  
Renovation wave  
National finance roundtables  
Resilience  
Technology roll-out  
Skills development  
Municipalities  
Local and regional investment  
Energy efficiency  
European City Facility  
Energy audits  
SMEs  
Digitisation  
BUILD UP Skills  
Energy performance certificates  
Clean energy transition leaders  
Energy efficiency business models  
Energy governance  
Energy audits  
Private finance  
Energy poverty  
Zero-emission building stock  
Renewable energy generation  
Covenant of Mayors  
Smart services  
Sustainable Energy Investment Forum  
ManagEnergy  
Citizen empowerment

# LIFE CET – Call 2023 Funding topics (I)

## Citizens in the clean energy transition

- Supporting European households to alleviate energy poverty and vulnerability
- European Energy Communities Facility

## Decarbonisation of buildings and H&C

- Energy Performance of Buildings
- District heating and cooling: investment plans and skills
- Boosting heat pump deployment: alternative models and skilled installers

## Building skills and capacity of industry and the service sector

- BUILD UP Skills – Upskilling and reskilling
- Supporting the clean energy transition of European businesses

# LIFE CET – Call 2023 Funding topics (II)

## Building a national, regional and local policy framework supporting the clean energy transition

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

## Facilitating investment projects at local and regional level

- One-Stop-Shops - Integrated services for buildings and businesses
- Project Development Assistance

## Attracting private finance for sustainable energy

- Crowding in private finance: Mainstreaming and Innovative financing schemes



# Alleviating household energy poverty and vulnerability in Europe (ENERPOV)

- Build skills/capacity of vulnerable households to afford their energy bills and ensure adequate comfort levels
- Renovation of private multi-apartment buildings with vulnerable residents
- Design and pilot sustainable, large-scale programmes to improve the skills and capacity of energy vulnerable households
- Support local set up of cross-sectoral coordination structures to address energy poverty and vulnerability
- Support EED (recast) implementation by testing schemes for energy efficiency improvement measures for the benefit of vulnerable households

Up to EUR  
2 million

# European Energy Communities Facility (ENERCOMFACILITY)

Up to EUR  
10 million

- Set up a 'European Energy Communities Facility' to support the early phase of energy community projects in the EU
- Offer support services, including financial support to third parties to develop business plans for energy community projects.
- Beneficiaries must constitute 'Renewable Energy Community' or 'Citizen Energy Community' in EU legislation
- Impacts: support the development of energy communities in MS, create a network of national experts and helpdesks, build capacity, exchange best practices

# Energy Performance of Buildings - Creating the conditions to make renovation faster, deeper, smarter, service- and data-driven (BETTERRENO)

Up to EUR  
2 million

- Increase attractiveness of building performance upgrades and simplify renovation of buildings
- Facilitating large-scale deep renovation (scope A) – impacts: business models, renovation passports, better coordination, replicable models
- Streamline the legal framework for homeowners/tenants (scope B) – impacts: adapted legal frameworks, improved governance, adapted support schemes
- Better building data for verification, financing and services (Scope C) – impacts: improved availability, quality and accuracy of buildings data for financial services, EPCs, building valuation, easier inspections, valorisation of co-benefits

# District heating and cooling: Enabling modernisation and fuel switch through support for investment plans and skills development (DHC)

- Improve District Heating and Cooling
- Scope A: Technical support for the development of investment plans for the modernisation, fuel switch and system integration of existing district heating systems  
Impacts: support district heating operators in developing investment plans
- Scope B: Skills development of professionals, operators and public authorities  
Impacts: support training of professionals for new district heating/cooling based on low-temperature renewable energy sources and waste heat

Up to EUR  
1.75 million

Up to EUR  
1.5 million

# Boosting heat pump deployment through alternative models and skilled installers (HEATPUMPS)

- Support doubling of individual heat pumps in Europe
- Scope A: Alternative business and delivery models – to stimulate large-scale demand for heat pumps in existing buildings  
Impacts: number of heat pumps installed, stakeholders reached, commitments for replication
- Scope B: Addressing the shortage of skilled installers and professionals for heat pumps  
Impacts: qualification schemes, trained trainers, trained professionals

Up to EUR  
1.75 million

Up to EUR  
1.5 million

# BUILD UP Skills – Upskilling and reskilling interventions enabling a decarbonised building stock and energy system integration (BUILDSKILLS)

Up to EUR  
1.5 million

- Objective: increase the number of skilled building professionals
- Scope 1 – Skills supporting Energy Performance of Buildings Directive (EPBD)
- Scope 2 – Skills for the decarbonisation of the building stock
- Scope 3 – Skills for small-scale renewables and system integration
- Scope 4 – Innovative on-site training methods
- Scope 5 – Skills for integrated home renovation services (one-stop-shops for homeowners)
- Impacts: qualification schemes, trained trainers, trained professionals

# Supporting the clean energy transition of European businesses (BUSINESS)

Up to EUR  
1.75 million

- Support Business in the energy transition
- Scope A: Strengthening a favourable ecosystem for energy audits and energy management systems  
Impacts: Implementation of EED/RED provisions, improved quality of energy audits, harmonisation between MS, uptake of recommendations
- Scope B: Fostering energy cooperation among companies – between large and small companies in same value chain, or geographically close  
Impacts: business models for energy cooperation between companies, rollout of infrastructure/energy services for clean energy transition of businesses

# Technical support to clean energy transition plans and strategies in municipalities and regions (LOCAL)

- Build capacity among local and regional authorities for plans and strategies for the clean energy transition for 2030, e.g. training, innovative integrated planning
- Reinforce implementation: political support, resources, funding, stakeholders
- Impacts:
  - policies/strategies established
  - policy-makers/public officers trained,
  - organisational structures reinforced
  - institutionalised dialogues between public authorities and civil society
  - stakeholders engaged
  - secured political commitment and resources.

Up to EUR  
1.75 million



# Towards an effective implementation of key legislation in the field of sustainable energy (POLICY)

Up to EUR  
2 million

- Support the implementation of the main pieces of legislation: Energy Efficiency Directive (Scope A), Renewable Energy Directive (Scope B) and Energy Performance of Buildings Directive (Scope C)
- Promote best practices exchanges between MS, adaptation to national context, impact assessment, policy implementation monitoring, energy modelling, development of methodologies for data collection and national contributions to EU targets
- Increased capacities in public administrations, more consistent and effective implementation, improved quality of data and measurements, improved understanding of potentials and market barriers.

# Maximising use of and valorising EPREL data through innovative applications (EPREL)

- European Product Registry for Energy Labelling (EPREL) providing information on products performance and energy labels
- Systematically checking and improving EPREL data
- Promoting further EPREL innovative use for new applications
- Allowing more data to be available through user-friendly tools
- Crowd-sourced compliance control of the publicly available data
- Impact: increased use of EPREL and data valorization for more energy-efficient products + support uptake in public procurement and policy making

Up to EUR  
2.5 million

# Integrated services for clean energy transition in buildings and businesses (OSS)

Up to EUR  
1.5 million

- Simplify the renovation customer journey for homeowners: connect the actors, support access to finance, ensure transparency and cost-effectiveness
- Scope A: Integrated Home Renovation Services
- Scope B: Integrated services for private rental housing energy upgrade
- Scope C: Integrated services for clean energy transition in public buildings
- Scope D: Integrated services for the clean energy transition of businesses
- Impacts: increased awareness and trust from homeowners, partnerships with local actors, set up economically viable integrated services, proven replicability

# Project Development Assistance for sustainable energy investments (PDA)

Up to EUR  
1.5 million

- Technical assistance to support project promoters in preparing and launching investment pipelines of sustainable energy projects
- Demonstrate a clear showcase dimension in delivering replicable solutions for accelerating sustainable energy investments in terms of organizational innovation and financial engineering
- Target sectors: Buildings, District Heating, Infrastructure, Business, Renewables, Mobility
- The funding provided should trigger investments at least x15 greater, or x10 for investments in residential buildings

# Crowding in private finance (PRIVAFIN)

Up to EUR  
1.5 million

- Increase private finance for energy efficiency and renewables through innovative financing schemes and engagement of financial institutions
- Scope A: Innovative financing schemes leveraging private finance  
Impact: deliver tailored innovative financing schemes operational and ready to finance investments + number of investments made and beneficiaries reached
- Scope B: Mainstreaming sustainable energy finance  
Impact: enhanced capacity and interest of private financial institutions, adoption of new tools, labels and certification schemes, adapted regulatory frameworks, alignment with EU taxonomy of sustainable activities.

# Thank you

CINEA-LIFE-CET@ec.europa.eu



© European Union 2020

Unless otherwise noted the reuse of this presentation is authorised under the [CC BY 4.0](https://creativecommons.org/licenses/by/4.0/) license. For any use or reproduction of elements that are not owned by the EU, permission may need to be sought directly from the respective right holders.

