



European  
Commission

# Energy communities as an opportunity for regions in transition

Just Transition Platform Meeting: Coal Regions in Transition virtual week and Carbon-intensive regions seminars

*17 November 2021*





European  
Commission

# Energy communities as an opportunity for regions in transition

**Adela Tesarova**

Head of Unit, Consumers, Local Initiatives, Just Transition,  
DG ENER, European Commission



# Energy communities

## What is it?

New form of producing and consuming energy that **empowers consumers and local actors**, allowing them to become active in the transition;

**Legal entity** with cooperative, participatory governance model;

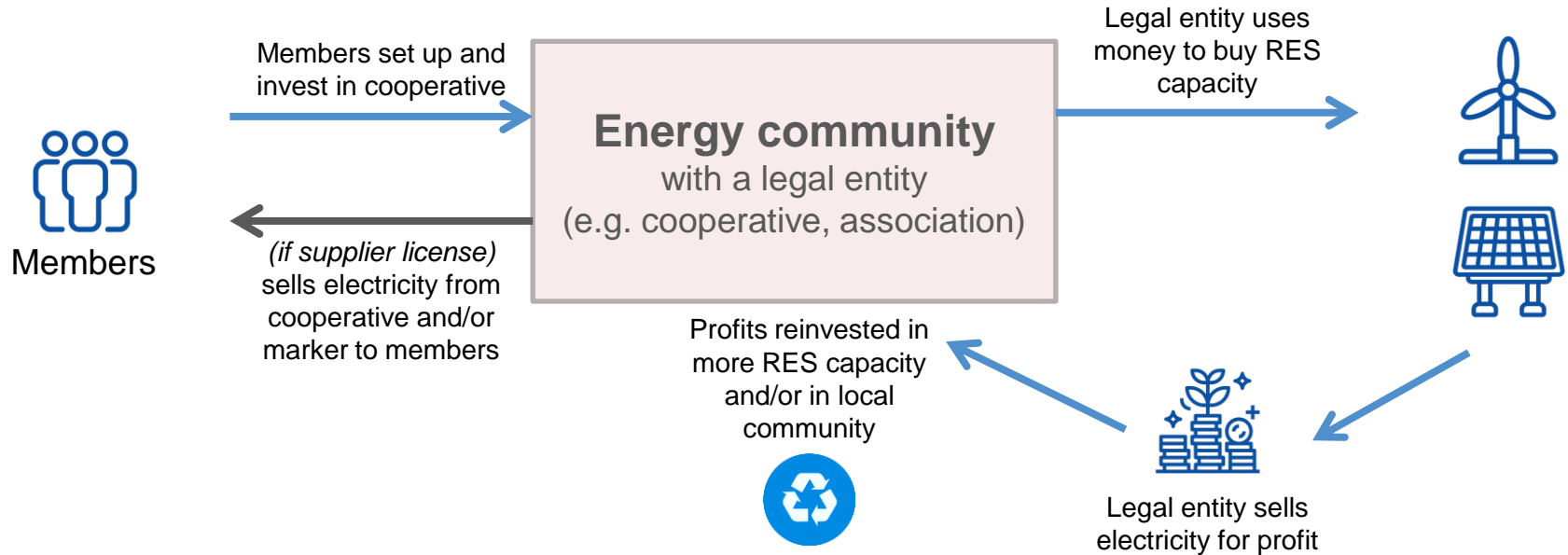
Also allows to **reinvest benefits** within the community, therefore reinforcing solidarity between members

**Several categories** (RECs, CECs) – with specificities depending on the type of energy and services provided.



# Energy communities

## How does it work?



# Energy communities

## Concrete example

### Elektrizitätswerke Schönau (EWS) Germany

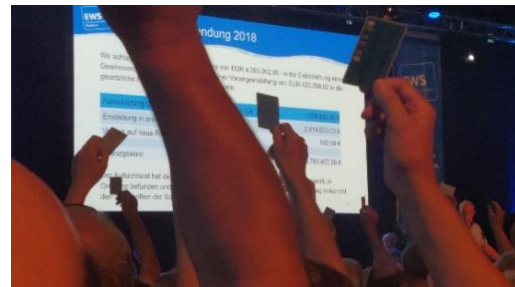
Produces **renewable electricity and heat** (PV, wind, biomass), but also covers distribution and supply to (some) members, as well as electro-mobility and energy services;

Decisions taken by General Assembly and Board of Directors;

Has **members from all over Germany** and has a key role in **social cohesion, employment** and the **local economy**.



Ursula und Michael Sladek, Mitbegründer der EWS







# coopérnico

*Energía verde, Sustentabilidade  
Cidadania*

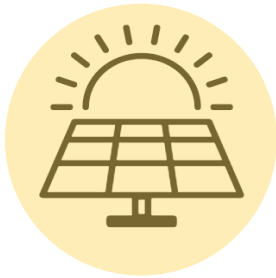
## How did it start?

- 2012: a group of 16 citizen friends wanted to invest their savings responsibly - renewable energy;
- After 2 initial projects, legislative barriers did not allow crowdfunding;
- Alternative model identified: creation of a renewable energy cooperative (end of 2013);
- Set of interesting projects from a social, environmental and economic point of view.



# About Coopérnico – What we do?

## *Production*



+ 2.1 MW<sub>p</sub>  
Installed

## *Electricity Supplier*



+ 1 650  
contracts

## *Energy Services*



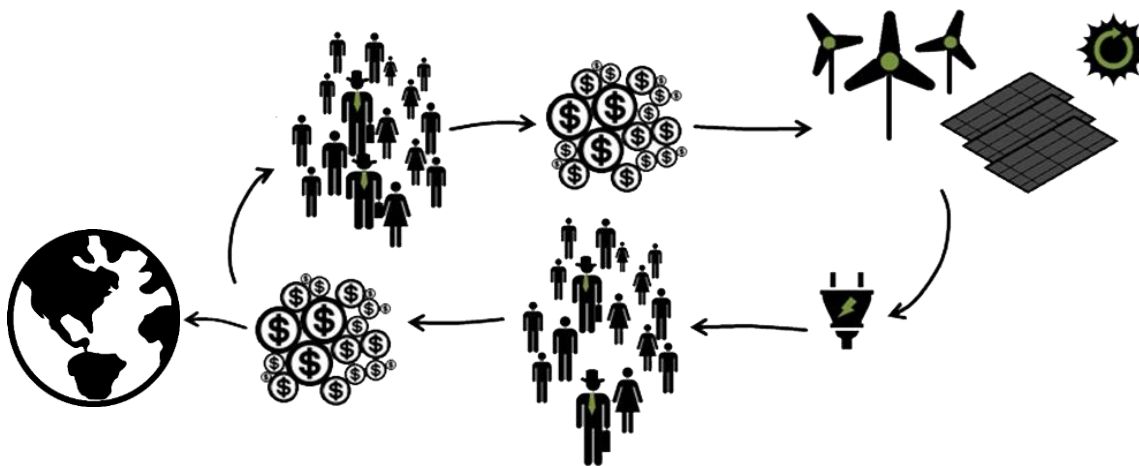
+ 4  
H2020 Projects



# coopérnico

Energia verde, Sustentabilidade  
Cidadania

## Investing in renewable energy in the social sector



Coopérnico  
Energia verde, Sustentabilidade e Cidadania









# coopernico

*Energia verde, Sustentabilidade  
Cidadania*

## Other services

- Support to coop members in energy saving
- Electric mobility
- Support to local Renewable Energy Communities
- Addressing energy poverty
- Addressing gender balance



**POWERPOOR**  
Empowering Energy Poor Citizens through Energy Cooperative Initiatives



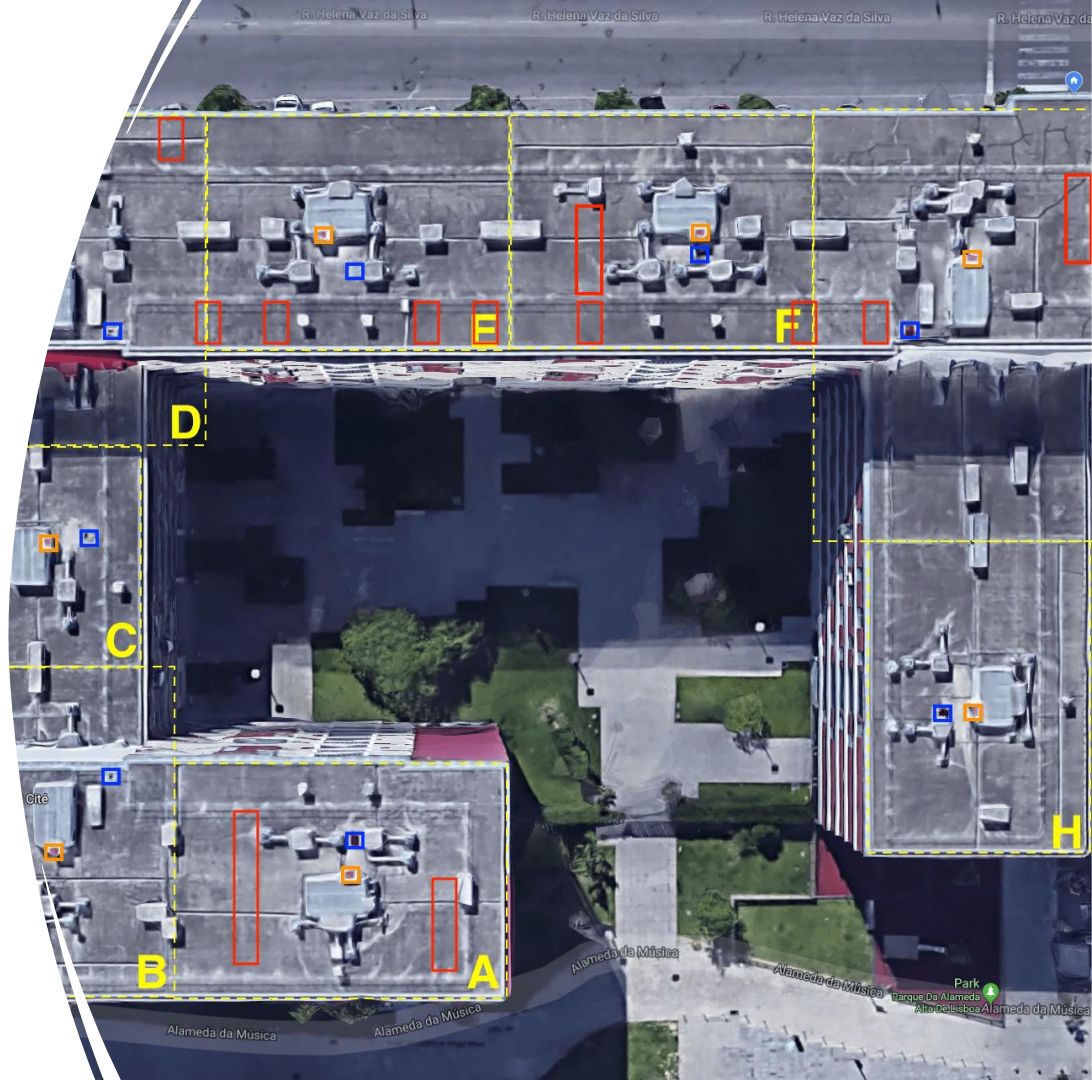
**cees**  
COMMUNITY ENERGY FOR  
ENERGY SOLIDARITY



# COMPILE Community project

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- **Geographical location:** *Lisbon, Portugal*
- **Date of creation:** *on-going process*
- **Current size:** *+130 apartments*



# Key elements

## Value proposition

- Reduce electricity costs for the condominium tenants while increasing the share of renewable electricity consumption
- Inclusion of local community in decision making process, from the beginning to the operation

## Key activities

- Development of tools to simulate and test new technical solutions
- Coordination and support activities to educate and showcase benefits of CSC to the condominium
- Support in the bureaucracy procedures, such as definition of an internal regulation document

## Key resources

- Coopérnico's members initiatives and proactivity
- Coopérnico's knowledge on the energy sector and solar PV technologies
- COMPILE project's framework support



# coopérnico

Energia verde, Sustentabilidade  
Cidadania

## activities

### *Assist other pilot projects*



- CER Regedoura – Industrial park with SMEs and residential buildings
- Condomínio Oeiras – 6 apartments including families with social tariffs

### *Share Knowledge*



- Organizing events to explain new regulation developments
- Providing preliminary analysis to all our members, from condominium to municipalities

### *Public Consultation*



- Addressing challenges faced to develop projects we are involved in
- Providing insights about successful stories from EU
- Suggesting new ways to facilitate new projects' kick-off





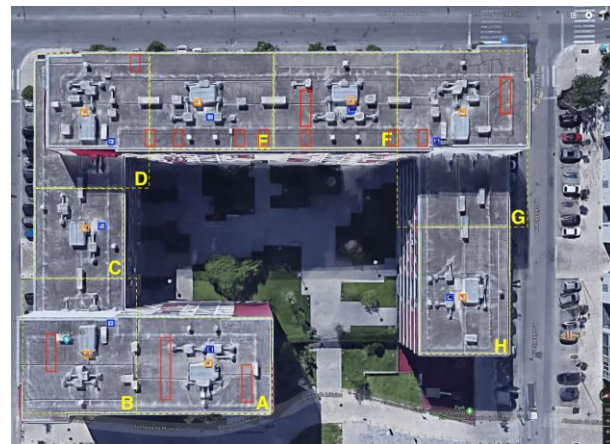
# Compile Lisboa (PT) – Condomínio da Torre 15.3, Pop ≈ 450

## Key issue

- Reduction of electricity household costs from strong reduction in PV and self-consumption system prices.

## Innovation within COMPILE project

- To transform 8 self-consumption in common areas of condominium into one collective self-consumption system;
- To supply the technical tools, to test different solutions and their scalability;
- Build new business models;
- Forming an Energy Community



# Key benefits

## Value proposition

- Reduced electricity bills
- Reduced CO2 emissions
- Increased citizen involvement

## Key activities

- Self-consumption of PV generated electricity
- Education and support activities

## Key resources

- Rooftop PV
- Coopérnico's members

## Key partners

- PV installation company
- Local entities such as local governments
- DSO and national regulators

## Customers

- Citizens and SME

## Customer relationship

- Cooperative membership

## Cost structure (example)

- Installation fees
- Billing

## Revenue structure (example)

- Supply of electricity to customers

# Challenges and success factors

## Main challenges?

Existing legislation/transposition

Consumer awareness

Building cooperation model among partners

## How did you overcome them?

Dialogue with Government (ongoing)

Capacity building across partners

## Can your model/energy community be replicated in other regions/countries?

Too soon to know

Willingness is there to share lessons learned

# Thank you!

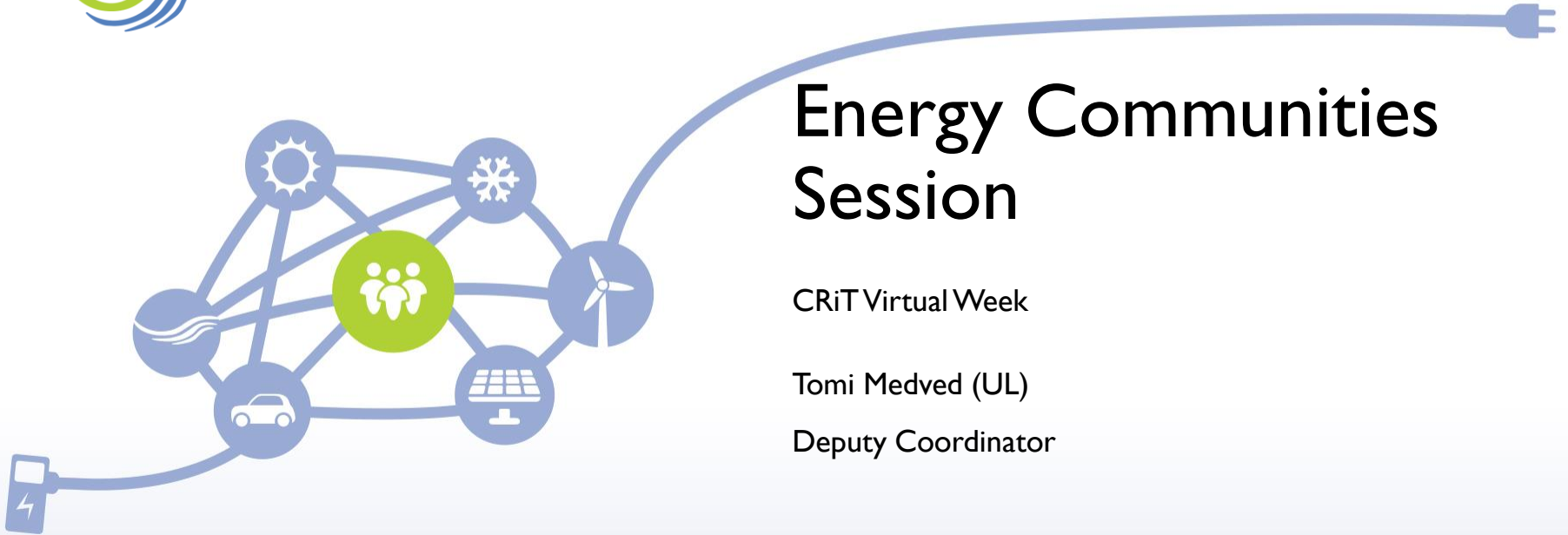
Pedro Martins Barata, [pbarata@coopernico.org](mailto:pbarata@coopernico.org)

[www.coopernico.org](http://www.coopernico.org)



# Compile

INTEGRATING  
COMMUNITY  
POWER IN ENERGY  
ISLANDS



## Energy Communities Session

CRiT Virtual Week

Tomi Medved (UL)

Deputy Coordinator



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the grant agreement N° 824424.



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# Pilot Site Luče

Slovenia



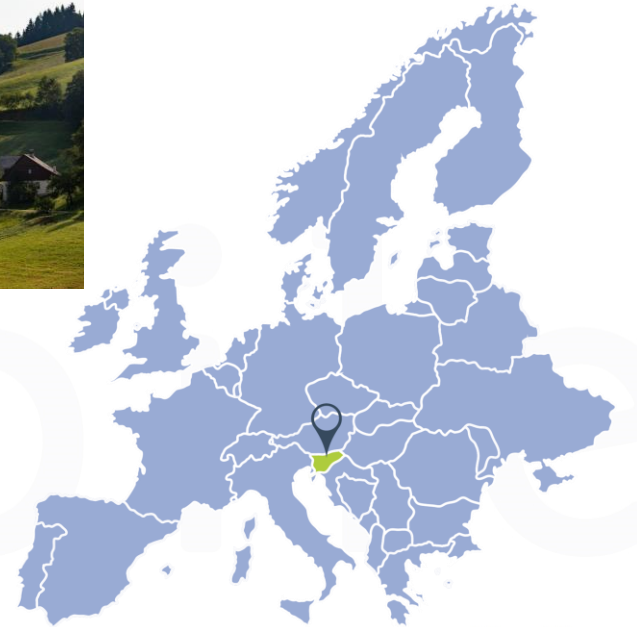


# Key facts



# Compile

- Number of members: 9 households
- Location: isolated alpine village Luče, (Upper Savinja Valley, Slovenia) which has weak local low-voltage network and frequent power failures
- Activities: establishment of EnC, increasing the share of RES, self-sufficiency, security of supply and managing the flexibility of the local energy community
- Technologies used: solar PV, home and community batteries, HEMS (Home Energy Management System), EV chargers



# Establishment



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- How and when was the community started?
- The initiator of the Luče EnC was a “local champion” and RES enthusiast who installed PV, wind power plant and EV charging point at home and who engaged the neighbours and municipality of Luče to establish EnC
- The main motivation was to install additional PV panels concerning the safe grid operation and to find a solution to overcome frequent power failures
- Members of the community are citizens of Luče
- Legal form/organisation type of the energy community?
  - At the moment EnC is only informal, as soon as the legislation will be adopted to include virtual metering points, it will become official (app. March 2022)
- Financing mechanism
  - Citizens and EU funding through Horizon 2020 project COMPiLE
  - Estimated total budget app. 450.000 €
  - Average investment per citizen app. 10.000 €



# Objectives



Compile

- Main objectives
  - To establish the first EnC in Slovenia
  - To increase the self-sufficiency and security of supply of the local energy system with high penetration of RES
  - To improve network conditions resulting in socio-economic benefits for the community
  - To keep the interest of citizens in energy and climate topics and establish trust in local EnC and local RES production



# How does the community work in practice?



Compile

## Services and technologies of the energy community:

- Additional 102 kW PV panels installed
- Upgrade of transformation station
- 5 home batteries (ranging from 5 kWh to 20 kWh of storage)
- Community battery (150 kW/333 kWh) installed
- PV and home batteries management established with HomeRule
- Community battery and micro-grid management established with GridRule
- Public EV charging station and 9 home stations

## Governance structure

- EnC is being operated by COMPILE partner PETROL

Operational decisions are taken by community members





# Compile



# Benefits



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## Main benefits for the community:

- More efficient management and operation of low-voltage network (installation of 5x times more PV than originally allowed)
- Increase of self-sufficiency (production of RES increased for 181%, in some households for 320%; savings in total >2.100€)
- Improved security of electricity supply without costly upgrades
- Stronger community relationship and economic welfare of the resident

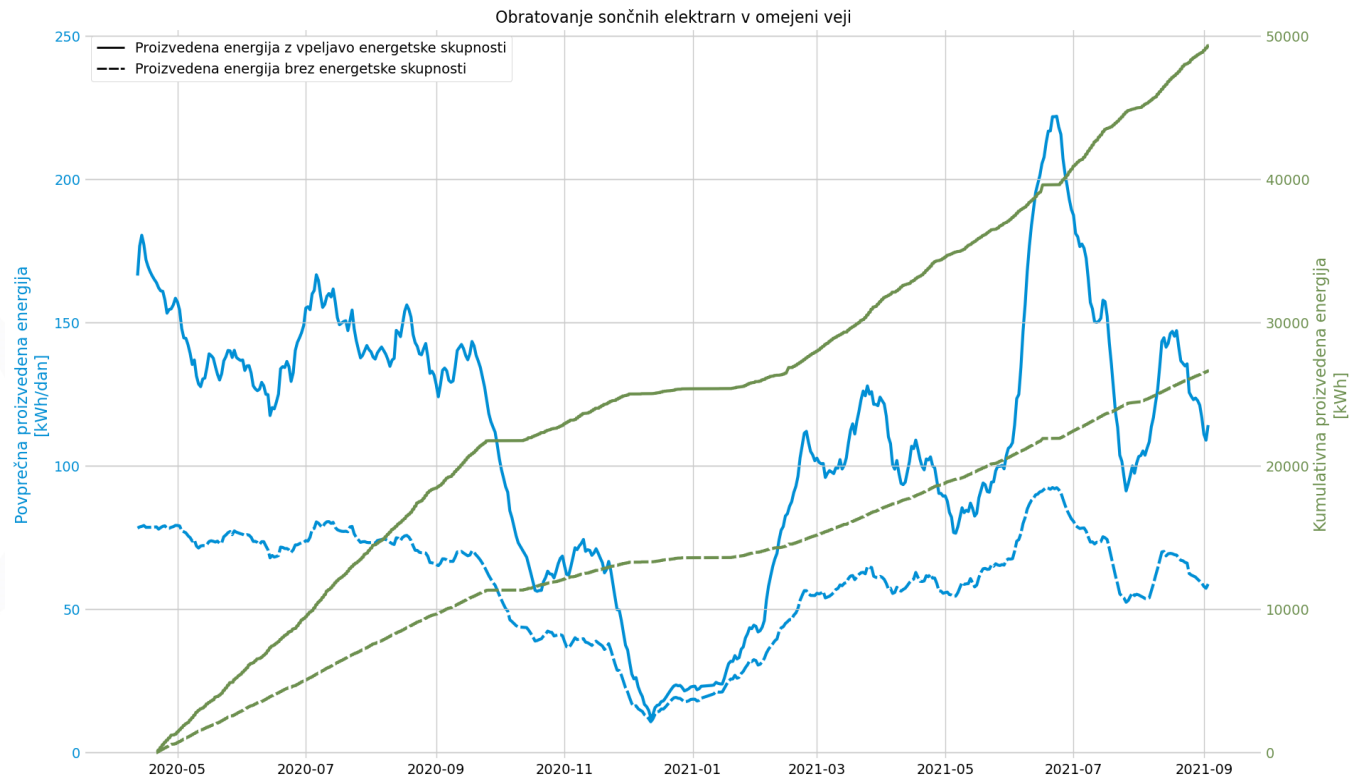




# Increase of self-sufficiency: production of energy from PV installations



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# Challenges



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- Existing law: all members of the community must have the same supplier and they must be connected to the same transformer station
- Proposal of the new law
  - Abolition of annual net metering
  - Elimination of the restriction to the same transformer station
  - Introduction of payment of surplus of the energy transmitted to the network
  - Possibility of including devices that are in the support scheme
- Complexity of community self-sufficiency compared to individual self-sufficiency; multi-apartment buildings require almost 3x times as much documentation and obtaining various consents (time consuming)



# Success factors



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- COMPILE energy solutions have high potential for further implementation in other rural low voltage network not only in Slovenia but also worldwide
- A model example of cooperation between different stakeholders (energy company Petrol, DSO Elektro Celje, University of Ljubljana and local community)
- The first test of island mode operation in Slovenia
- 70% of investment in RES stay in the local area
  - ***From coal jobs to RES jobs***
  - ***Recycling is still pending issue***
  - ***Changing heat sources from coal power plant heat to other mediums***





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# Pilot Site Križevci

Croatia



# Key facts



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- Location: urban technology development centre of town Križevci, Croatia
- Activities: increase of share of RES and self-sufficiency by installation of additional PVs (crowdfunding), establishment of EnC, blockchain technologies for EnC operation
- Technologies used: solar PV, battery energy storage system, EV charger



# Establishment & Objectives



Compile

## How and when was the community started?

- The first Croatian citizen crowdfunded PV plant was built in 2018 through ZEZ's crowdfunding platform (PV system of 30 kW on Tech Park)
- The main motivation was to stimulate the investment in RES and thus PV production in Croatia
- Members of the community are citizens of Križevci
- 2<sup>nd</sup> crowdfunding campaign for PV on Library
- Energy community has a form of energy cooperative (KLIK Energy Cooperative)

## Financing mechanism

- Citizens (with municipality support) and EU funding through Horizon 2020 project COMPILE
- Ca. 30.000 EUR (Tech park) and 23.000 EUR (Library)
- 300-500 EUR



# Establishment & Objectives



Compile

## Main objectives:

- To encourage small solar PV self-consumption solutions in public buildings, small and medium enterprises
- To overcome the security of supply issues in particular in case of higher RES shares
- Development of an energy independent city
- Transition to a climate neutral city

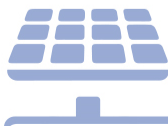


# How does the community work in practice?



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- Services and technologies of the energy community:
  - Public EV charging station (2x22 kW)
  - Battery energy storage system (19,6 kWh)
  - Smart meters
  - Remote terminal unit
  - SCADA platform
  - Data collection and integration into COMPILER tools
- Governance structure
  - EnC is being operated by KLIK Energy Cooperative with support of COMPILER partner ZEZ
- Operational decisions are taken by community members







# Compile



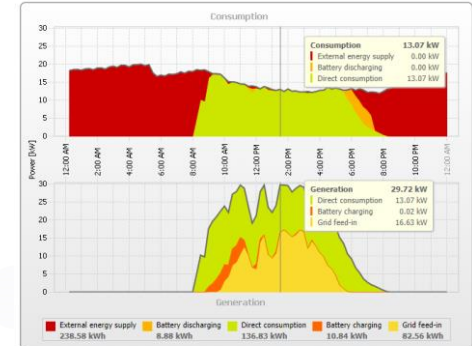
INTEGRATING COMMUNITY POWER IN ENERGY ISLANDS

# Benefits



# Compile

- Main benefits of the energy community:
  - Increase of power supply reliability
  - Improvement of energy services for companies in Tech Park and library
  - Testing of innovative blockchain technologies, including peer-to-peer market which is a first of a kind
  - Getting people involved in RES projects
  - KLIK energy center (support center for locals for education and connecting service and technology providers and end-consumers)
- The investor gets 4,5% (tech park) or 3% (library) interest rate on their investment
- Around 100 investors



Balance

Monthly consumption	4717.15 kWh	Monthly yield	2016.21 kWh
External energy supply	2982.44 kWh	Self-consumption	1740.97 kWh
Internal power supply	1734.71 kWh	Battery charging	104.11 kWh
Battery discharging	84.20 kWh	Grid feed-in	275.34 kWh
Direct consumption	1650.51 kWh		

Self-sufficiency quota 37 %      Self-consumption rate 86 %  
Direct consumption rate 82 %



# Challenges and success factors



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- Both pilot site facilities (Tech Park and City Library) were the first two PV plants in Croatia crowd invested by local citizens
- The crowdfunding model can be and will be replicated in other cities in Croatia
- Tech Park has integrated a PV system, battery storage system and EV charging station in a single public institution, which is probably the first such case in Croatia
- The crowdfunding campaigns and energy centres are interesting options for coal regions in transition as they connect people and educated them about other possibilities for energy transition





@Compile\_H2020



[www.compile-project.eu](http://www.compile-project.eu)



CompileH2020



Compile Project

Thank you!

Tomi Medved

Laboratory of Energy Policy, Faculty of Electrical  
Engineering

University of Ljubljana





**HYPERION**  
SOLAR COMMUNITY

**IGNACIO NAVARRO**

Founding Member

Electra Energy Cooperative

Energy lead campaigner Greenpeace Greece

# Key facts

- 40 members including SMEs and Environmental NGOs
- Based in Athens, Greece
- Collective Self-Consumption - Community Solar
- 80 kW - Virtual Net Metering Support Scheme



**COMMUNITY**

SOLAR SELF-CONSUMPTION



# Establishment & Objectives

## How and when was the community started?

- Incorporated in 2020 with 5 founding members
- To test the new law 4513/2018
- Develop the first collective self-consumption service and demonstration case
- 30 households + 2 NGO offices
- Non-profit energy community

## Financing mechanism

- First scheme 80 kW (Approximately 80,000€)
- €45k own equity (€2-4k per citizen, aprox. 2 kW participation per member)
- Credit line through Genervest peertopeer financing €40k.
- Annual ave. savings 500-600€ per participant

## Hyperion Objectives:

- Energy independence/ self-sufficiency
- Cost savings, energy efficiency improvements
- Social (energy poverty reduction)
- Sustainability (decarbonisation)



THANOS



ERRIKOS



DIMITRA



YORGOS



CHRISA



ATHENA



MELINA



IRINI



KONSTANTINOS



STELIOS



THEMIS



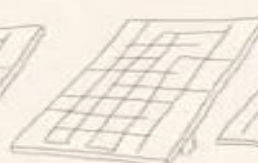
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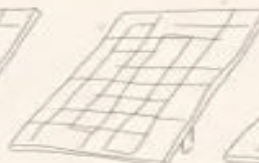
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DIMITRIS



CHRISTOS



NIKOS



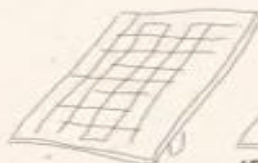
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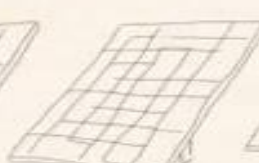
AGGELOS



IRO



ERRIKOS



[← View open opportunities](#)

## Hyperion E.C.

 22, Thiva, Greece

Hyperion energy community has achieved its investment goal and will soon produce its own solar energy for its members, significantly reducing their electricity bills. It was a great pleasure for us to host at Genervest's investment platform a project that is truly an example for others to follow on how citizens can implement themselves clean energy solutions for a future without fossil fuels.

232.00 EUR raised

40,000.00 EUR funding goal

FUNDING



**You need to have an account to invest in an active project.  
Please Log in or Register and create your account.**



# How does the community work in practice?

## Services and technologies of the energy community:

- Collective self-consumption and community solar for residential, municipal industrial and small businesses based in Athens
- Solar, wind and storage solutions

## Governance structure

- 3 board directors elected every 3 years
- Electra Energy in the Supervisory Board
- Democratic decisions and transparency tools for updating and raising consensus among the GA



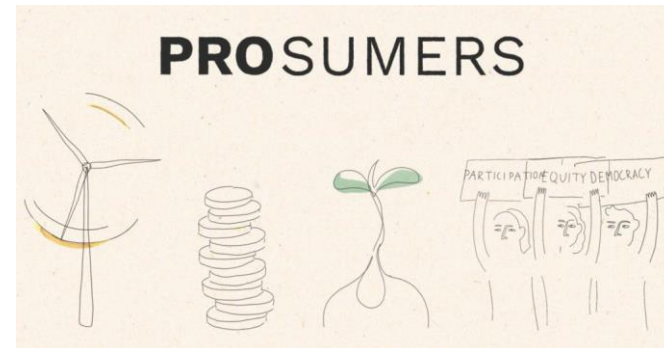
# Challenges and success factors

## Challenges:

- Missing revenue stream (pay as you save model)
- Lack of financing options in Greece (only consumption loans with high interest)
- Hard administration process and paperwork

## Opportunities/mitigation:

- Replicable business model to other support schemes
- Administered through digital reporting tools to increase transparency and reduce communication and organization costs
- Next step 500 kW reaching to 180 households (>50 low income households)
- High interest and demand from new members







**H Y P E R I O N**  
S O L A R C O M M U N I T Y

# Thank you!

[info@hyperion.org](mailto:info@hyperion.org)

[ignacio.navarro@genervest.org](mailto:ignacio.navarro@genervest.org)

[www.hyperioncommunity.com](http://www.hyperioncommunity.com)



# Cooperativa de Energie

Just transition platform

# Key facts

## Cooperativa de Energie

- Aprox. 700 members spread all over Romania, launched in 2019;
- Different social backgrounds: entrepreneurs, activists, corporate employees, CEOs etc.
- End of 2020 we launched a "crowdfunding" campaign to acquire an energy supply company;
- Raised 300k euro from our members and another 100k euro bridge loan from Som Energia;
- The business has about 250 clients SMEs and small consumers, a turnover of 4 million Euro and 40 GWh supplied annually.

# Objectives

## The context

- Goal 1: **Become self-sufficient** - produce all the renewable energy we supply
- Goal 2: The first energy supplier community that involves people: **Prosumers/Consumers**
- No energy communities in Romania. No way for citizens to get involved.
- We are an European Cooperative - SCERL.
- In the first stage, the co-op was financed through our members - low expenses.
- Second stage (supply business running): relying on financing offered by the business

# Challenges

# 01

Growing an energy community  
in a volatile business context.

# Succes

# 02

Offering people a real option  
for their energy needs.

# Future work

1

Develop/acquire a functional PV plant and become producers of renewable energy.

2

Develop enough production capacity to become self-sufficient and make our mark on the romanian renewable energy market.

3

Develop programs/frameworks for energy efficiency and energy poverty.



# Services

## 1

### Community membership:

- become a member with a 100 lei contribution (aprox 20 euros)
- you have the right to vote in the co-op on various topics (governance, projects we choose to be involved, the tariff structure, etc.)

## 2

### Renewable energy supply:

- 100% renewable energy through COs;
- a fair market price;
- no hidden fees;
- friendly customer support - we aim to help our members/clients understand the energy market.

## 3

### One stop-shop for prosumers:

- the only energy supplier that has a fast on-boarding process for prosumers;
- we pay a higher feed-in tariff for the produced energy;
- offer them a variable market price;

# Thank you!

adrian@cooperativadeenergie.ro  
cooperativadeenergie.ro

Investing in the energy transition, day by day.



# Energy Communities & Just Transition: The case of Greece

Ioanna Theodosiou, The Green Tank

*Energy communities as an opportunity for regions in transition*

*Just Transition Platform Meeting, November 17, 2021*

# Law 4513/2018

The Energy Community (EnCom) is a Civil cooperative with the aim of promoting social and solidarity-based economy and innovation in the energy sector, addressing energy poverty and promoting energy sustainability, production, storage, self-consumption, distribution and energy supply, *enhancing energy self-sufficiency/ security in island municipalities as well as improving energy efficiency in end-use at local and regional level.*

**Who can be part of EnCom?** ✓ Individuals ✓ Public entities ✓ Private entities ✓ Municipal and regional authorities

**Activities:** Basically everything on the energy sector- mainly RES/ Net metering and virtual net metering laws apply for EnCom

## **Financial incentives and support measures**

**2 forms:** ✓ Non profit- no redistribution of surplus ✓ Profitable- distribution of surplus to shareholders

Procedure of establishing a civil cooperative

Entry in the General Commercial Registry/  
in the Special Register EnCom

# Legislative changes

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- Ministerial decision March 2020
  - No priority in grid connections for *for-profit* energy communities
  
- L. 4759/2020:
  - Transition from the Feed-in-Tariff system to auctions
  - Deadline extensions for EnCom in lignite regions
  - Increase in capacity limit for net metering (3 MW)
  
- L. 4821/2021:
  - Exemptions from participation in auctions for small energy communities
  
- L. 4843/2021:
  - Diminishing the role of citizens in EnCom

*Unstable environment for the development of Energy Communities*

# Energy communities in numbers

1017 Energy Communities established in Greece since 2018

**Operating** 677 projects, 466MW capacity



Share of RES Energy  
Community project  
capacity in overall RES  
capacity (medium and low  
voltage)

**20.5%**

**GREECE**

**30.3%**

**LIGNITE REGIONS**

# Funding for EnCom in *lignite regions*

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## National resources

Revenues from CO <sub>2</sub> auctions		
Year	Total amount (million €)	Amount for EnCom (million €)
2018	31,4 m	3,5 m
2019	30,2 m	?
2020	5 m	?
2021	45 m	?
2022-	?	?

## EU resources

Just Transition Fund
The installation cost of EnCom projects can be covered for:
<ul style="list-style-type: none"> <li>▪ RES-based power generation</li> <li>▪ RES-based heating</li> <li>▪ Energy storage</li> <li>▪ Energy efficiency projects</li> </ul>



# Barriers

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- State aid issues, available funding not absorbed yet
- No transposition of EU Directives (REDII, IEMD)
- Electricity market distortions
- Limited grid availability

# Recommendations

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- Include RES energy communities in the TJTPs
- Funding
  - Utilize EU & national funds (JTM, MFF, ETS revenue)
  - Set tax incentives, lending facilities, state aid schemes etc
  - Fund **installation costs** for **non-profit** energy communities aiming to cover their own energy needs.
- Specific quantitative targets for energy communities in NECPs
- Incentives for cooperation with RES companies in large projects
- Protect energy communities from unfair competitive processes



Thank you!

Web: [thegreentank.gr](http://thegreentank.gr)  
Twitter: [@The GreenTank](https://twitter.com/TheGreenTank)



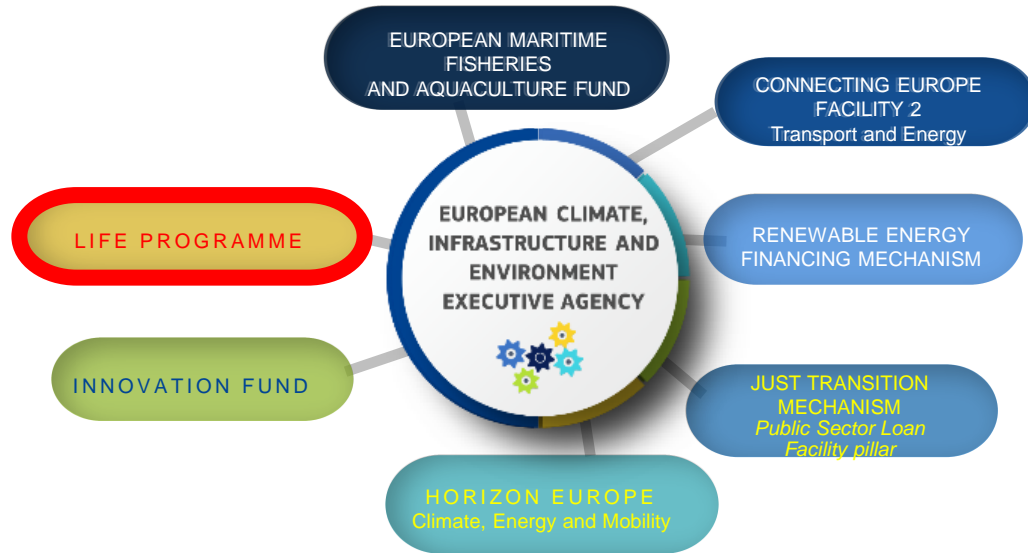
# LIFE Clean Energy Transition Call for Proposals 2021

**Community-driven clean energy transition in coal, peat  
and oil-shale regions**

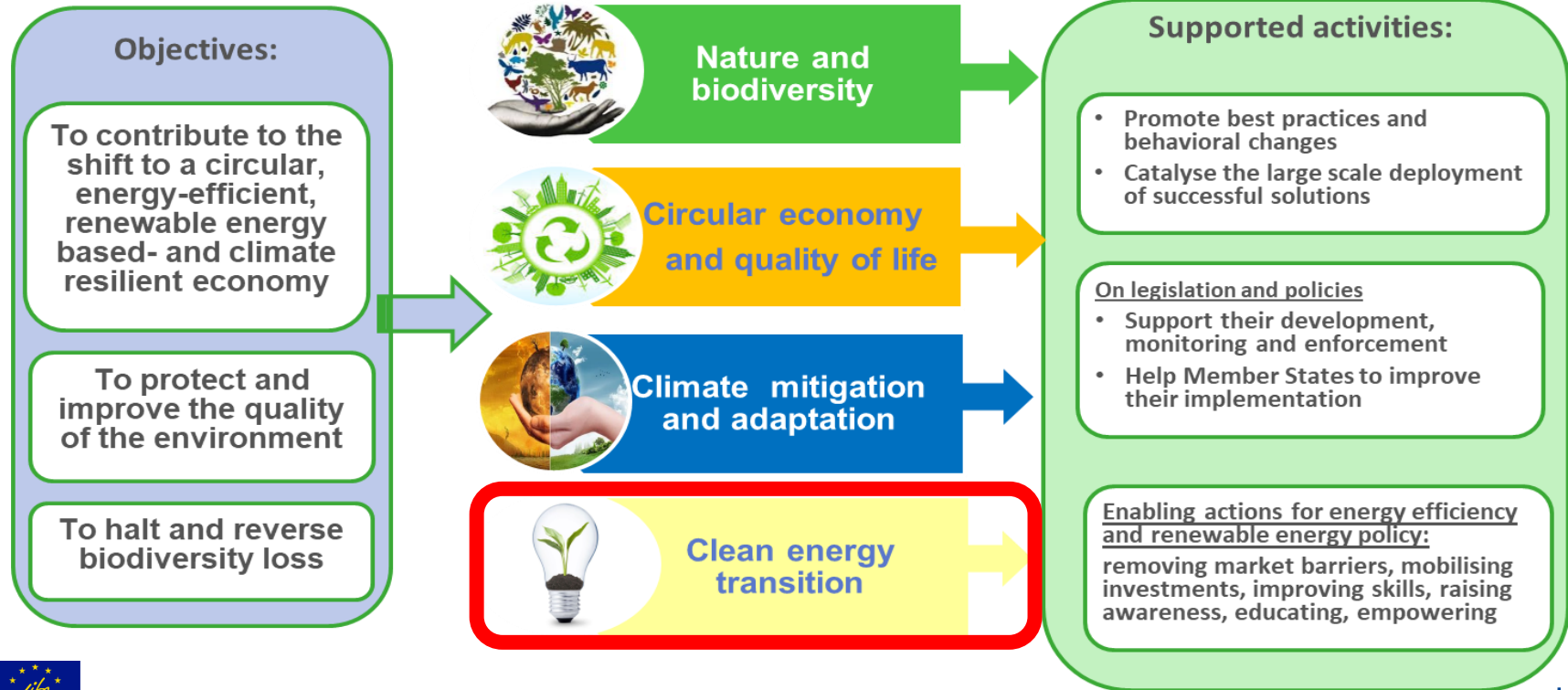
*Talia Brun Marcen, Project Advisor  
Martin Eibl, Senior Project Adviser  
LIFE Clean Energy  
CINEA*



# CINEA PROGRAMMES



# The New LIFE Programme



# LIFE Clean Energy Transition Call for Proposals 2021

- Total budget EUR 94,5m - [18 call topics open](#)
- Typical budget range 1-2 million euros
- Funding rate: **95%** (indirect cost flat-rate: 7% of eligible direct costs)
- Call deadline: **12 January 2022** – 17:00 CET (Brussels time)





# LIFE-CET-COALREGIONS - project ideas we are looking for

## Proposals should:

- Support the development of **local and regional investment projects**
- Build capacity amongst communities in coal, peat and oil-shale regions to **maximise spending of the Just Transition Mechanism in the area of the clean energy transition** leading to **increased uptake of energy efficiency and renewable energy solutions**;
- Support local/regional **bottom-up activities**, that are in line with territorial just transition plans and aim to use effectively the resources of the Just Transition Mechanism and/or and other sources of public and/or private funding;
- Put a strong focus on **engaging local communities and citizens** in the clean energy transition.



## LIFE-CET-COALREGIONS - project ideas we are looking for (2)

Proposals could focus on the following areas (non-exhaustive):

- **alignment of local/regional strategies with the clean energy transition** and **strengthening the implementation by deploying support from the Just Transition Mechanism**, which should also include strong citizens' engagement in the governance structures and decision making processes;
- **building capacity and understanding amongst key stakeholders, local communities and citizens for the clean energy transition**, in particular, with an emphasis on the economic and social opportunities and environmental and health benefits;
- **alleviating energy poverty** including demonstration of the wider benefits such as improved health;
- **developing sustainable energy project pipelines** such as the energy-efficient renovation of buildings, energy-efficient district heating and cooling systems or low carbon transport solutions.

*→ Ultimately, to maximise spending of the Just Transition Mechanism in the area of the clean energy transition leading to increased energy efficiency and renewable energy in the target region!*



# LIFE CET Call 2021 - Other relevant topics

[LIFE-2021-CET-LOCAL: Technical support to clean energy transition plans and strategies in municipalities and regions](#)

[LIFE-2021-CET-ENERCOM: Developing support mechanisms for energy communities and other citizen-led initiatives in the field of sustainable energy](#)

[LIFE-2021-CET-ENERPOV: Addressing building related interventions for vulnerable districts](#)

[LIFE-2021-CET-PDA: Disruptive PDA – Technical Assistance to advance market boundaries for sustainable energy investments](#)



Link to all 18 LIFE CET topics: <https://europa.eu/!GQtTrh>



# LIFE CET Call 2021 - Key information

- [How to write an excellent proposal under Clean Energy Transition](#)
- **All information:**  
[CINEA > LIFE > Calls for Proposals:](https://cinea.ec.europa.eu/life/life-calls-proposals_en)  
[https://cinea.ec.europa.eu/life/life-calls-proposals\\_en](https://cinea.ec.europa.eu/life/life-calls-proposals_en)
  - Recorded info sessions + presentation slides
  - Policy context from DG ENER
  - Additional guidance + direct links to Funding & Tender Opportunities portal



European Climate, Infrastructure and Environment Exe

European Commission > CINEA > LIFE > LIFE - Calls for proposals

## LIFE - Calls for proposals

PAGE CONTENTS

- Call for Proposals 2021
- Useful information on the Call 2021 (recorded presentations)
- Nature and biodiversity
- Circular economy and quality of life
- Climate change mitigation and adaptation

### Call for Proposals 2021

LIFE Calls for proposals are all published on the [Funding and Tender Opportunities portal](#)

Calls for Proposals are open for:

- [Nature and biodiversity](#)
- [Circular economy and quality of life](#)
- [Climate change mitigation and adaptation](#)
- [Clean energy transition](#)

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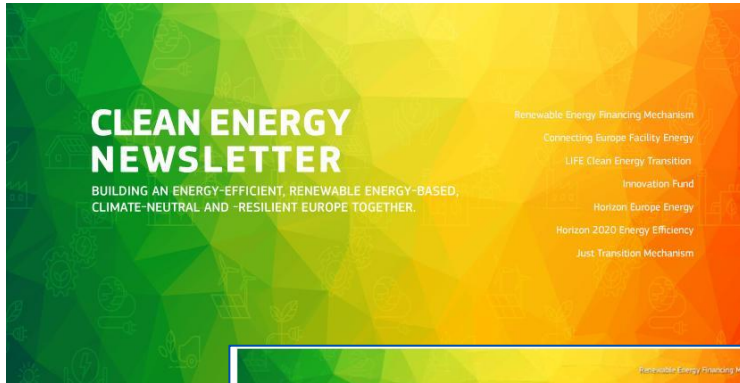
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## Additional information on the scope for project ideas

### Proposal should:

- emphasis on **skills development and job creation effects**, for example, in energy efficiency and renewable energy, as well as **revitalisation and regeneration of economy in the area of clean energy transition**;
- involve at least **three** different target regions in **three** different Member States;
- build upon the activities of the **Just Transition Platform**.  
[https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal/actions-being-taken-eu/just-transition-mechanism/just-transition-platform\\_en](https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal/actions-being-taken-eu/just-transition-mechanism/just-transition-platform_en)
- ~ EUR 1 million per proposal is considered to address the specific objectives appropriately





## Expected impacts

- Investments into sustainable energy triggered by the project through public and/or private funding (cumulative, in million Euro)
- Number of citizens with increased level of awareness for the clean energy transition
- Increased economic activity in the area of energy efficiency and renewable energy including jobs created and skills developed
- Number of strategies developed/adapted and aligned with the objectives of the clean energy transition
- Number of households taken out of energy poverty
- Primary energy savings/Renewable energy generation triggered by the project (in GWh/year)
- Reduction in greenhouse gases emissions (tCO<sub>2</sub>eq/year)



# LIFE-2021-CET-ENERCOM

Developing support mechanisms for energy communities and other citizen-led initiatives in the field of sustainable energy



# Support actions that foster the collaboration between local and regional authorities and energy communities

- Participation in and/or **set up of municipal energy initiatives** and energy communities
- Support to the emergence of citizen energy initiatives **through use of public resources**, funds and capacity.
- Creation of **a supportive local policy framework** for the development of community energy projects
- **Training** and capacity building on community energy and promotion of citizen participation in energy communities
- Develop **integrated services** aimed at reducing complexity, simplifying decision making and stimulating the creation of community energy projects (public or private actors)
- Estimated project size EUR 1.75 million (not prescriptive)



SCCALE 203050 *(on-going)*

Sustainable Collective Citizen Action for a Local Europe 20-30-50

- Develop a set of tools, resources and coaching techniques to **support the set-up and operation of energy communities**
- Focus areas include building renovation, district heating, collective self-consumption, etc.
- Strengthen the **collaboration between energy cooperatives and local authorities**

SCCALE 20-30-50  
Sustainable Collective Citizen Action for a Local Europe



Set up at least 25 energy communities + 34 replication communities

Toolbox + Step by Step guide

Network of experts beyond the 4y project



<https://cordis.europa.eu/project/id/101033676>



# LIFE-2021-CET-LOCAL

Technical support to clean energy transition plans and strategies in municipalities and regions



# Provide local and regional authorities with the necessary capacity to deliver sustainable plans and strategies for the energy transition

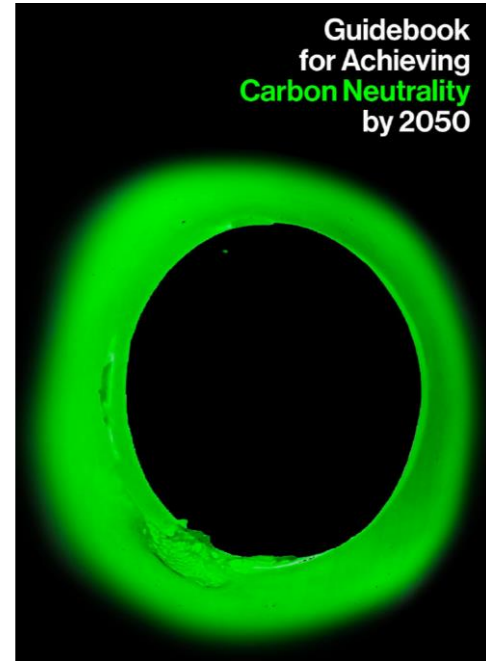
- Technical support to **develop** and monitor clean energy transition **plans** and **strategies 2030/2050**
- Ensure **coherence** with **EU** and **national frameworks** (e.g. NECPs, RRP, LTRs, Renovation Wave)
- **Institutionalise** and accelerate integrated energy planning and **cross-sectoral approaches**
- Develop **governance structures** and secure **resources** to implement the change
- Gain **political commitment** and engage **stakeholders**
- Focus on **innovative** processes and/or geographical area with a significant level of **ambition**
- Estimated project size EUR 1.75 million (not prescriptive)



## C-Track50 (*on-going*)

Putting regions on track for carbon neutrality by 2050

- Improved competencies of regions and local authorities in integrated energy and climate policy planning
- Multi-level governance
- Development and financing of SECAPs and policy action plans for carbon neutrality at 2050
- 105 municipalities + 11 regions in 11 countries



<https://www.c-track50.eu/>





# LIFE-2021-CET-GOV

Multilevel climate and energy dialogue to deliver the energy Governance



# Supporting Member States in fostering a multilevel dialogue to deliver the energy governance

- Need for a **permanent climate and energy dialogue**, coordinating different **governance layers** - both vertically and horizontally
  - **Update** of the National Energy and Climate Plans (NECPs), **monitoring and reporting**
  - **Create/strengthen structured synergies** (different administrative levels, stakeholders and tools)
  - **Deliver best practices: governance or processes models** for robust and consistent reporting mechanisms and update of the NECPs
  - **Integration: make links** to other ongoing initiatives and dialogue fora for implementing relevant policies or initiatives
- Estimated project size EUR 1.75 million (not prescriptive)



# Expected impacts



- Newly developed governance structures / dialogue platforms
- Newly developed governance or processes models establishing a solid reporting mechanisms for the NECPs
- Number of institutionalised collaborations on the energy transition
- Number of updated NECPs
- administrative levels and stakeholders groups engaged in the process
- 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)



Number of stakeholders from different

# LIFE-2021-CET-PDA

Disruptive PDA – Technical Assistance to advance market boundaries for sustainable energy investments



# A clear showcase dimension in delivering innovative solutions to accelerate energy investments

- Build technical, economic and legal **expertise** needed for development of project pipelines
- Develop **organisational innovation** and minimize **finance** transaction costs
- Remove legal, administrative and other market **barriers**
- **Aggregate** (pooling, bundling) projects to reach critical size
- High degree of **replicability**
- Innovative approaches in mobilising **private**
- **Leverage ratio: 1:15 / 1:10** (for investments in residential buildings ONLY)
- **Investments launched before** the end of the action!
- Estimated project size EUR 0.5 – 2 million (not prescriptive)



## SUNShINE *(completed)*

Save your BUildINg by SavINg Energy (LV)

- Financed and executed deep energy refurbishments of 5 multifamily buildings through **energy performance contracting (EPC)** in Latvia
- Setup of a **forfeiting facility** (LABEEF – Latvian Building Energy Efficiency Fund) to buy receivables from the ESCO
- Triggered EUR 5.3 million of energy investments



**SUNSHINE**  
SAVE YOUR BUILDING  
BY SAVING ENERGY



<https://sharex.lv/>



European  
Commission

# LIFE-2021-CET-HOMERENO

Integrated Home Renovation Services



# Creating (or replicating) local "integrated home renovation services"

- Reduce complexity and simplify homeowners' decisions
- Create, coordinate and/or optimise the services required
- Connect all actors in the value chain
- Streamline access to support measures
- Improve awareness and trust towards such integrated services



Source: Tatyana Kazakova on Pixabay.com





- One-Stop-Shop for private home owners and their building managers
- Coordinated by the city of Vienna, with public and private partners
- Comprehensive participatory process, involving all key stakeholders
- Development and thorough testing of new “renovation packages”



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# 7 Tips to succeed with your proposal

1. Start early... start now!
2. Read the relevant information
3. Choose your idea, structure it well, stick to it!
4. Build a good consortium
5. Create a budget
6. Write your proposal
7. Final polishing

[Watch the ONLINE TUTORIAL: How to write an excellent proposal under Clean Energy Transition](#)

