



D6.1 – Report on capacity building programme for satellites and associated partners 1

Tailor-made capacity building programmes for satellite cities

Energy Cities

DISCLAIMER

The sole responsibility of this publication lies with the authors and reflects only the authors' view. The European Commission and CINEA are not responsible for any use that may be made of the information contained therein.

Neither the LIFE LOOP consortium as a whole nor any individual party, provide any guarantee that the information contained in this document is ready to be used as it is, or that use of such information is free from risk, and will accept no liability for any loss or damage experienced by any person and/or entity using this information.

STATEMENT OF ORIGINALITY

This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

PROJECT INFORMATION

- Project name: LIFE LOOP – Energy Communities – Local Ownership of Power
- Grant agreement number: 101077085
- Project duration: 2022–2025
- Project coordinator: Energy Cities



Contents

Introduction	3
Capacity building programme for Tulcea, Romania	5
Context	5
Overarching aim	5
Crowd-lending & Micro-loans	10
Capacity building programme for Ussaramanna and Villanovaforru, Italy	13
Context	13
Overarching aim	13
Capacity building programme for Cyprus	17
Context	17
Overarching aim	17
Capacity building programme for Gabrovo, Bulgaria	23
Context	23
Overarching aim	23
Annex	28



Introduction

There is a clear need for more awareness and capacity to support the development of energy communities through the collaboration between citizen energy initiatives and local municipalities. A capacity-building program for community energy should involve a variety of activities and resources to support the development of community energy projects and the involvement of local municipalities and citizens. There is also no doubt that the more tailored and needs-based the capacity building effort, the better the results. This report builds on the results of LIFE LOOP’s Barriers and Opportunities survey (D2.3), as well as the completed assessment of satellite cities’ needs.

The purpose of the capacity building programme is to support the implementation of the community energy vision of the satellite cities. This will enable the satellite cities to achieve the community energy targets they committed to in the LIFE LOOP project. These impacts involve the initiation of new citizen-led energy projects, the number of additional citizens involved and informed about community energy, increased energy savings and renewable energy generation, increased investment in community energy, and triggered carbon savings, among others (see table A in Annex).

The modules proposed on the next pages will be performed in parallel with the sessions on (1) stakeholder mapping and pilot analysis; (2) matchmaking, and (3) community energy roadmaps.

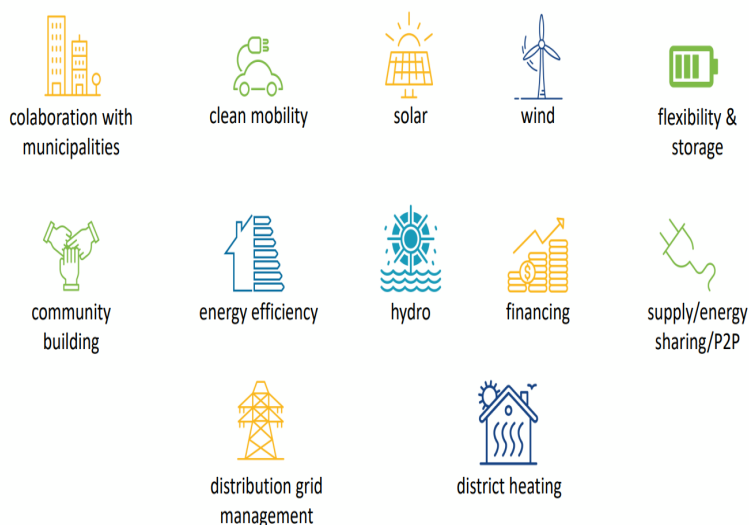


Figure 1. The different capacity building areas of LIFE LOOP

The training and workshop modules should be considered as one important pillar of the overall LIFE LOOP capacity-building methodology. The different elements of the LIFE LOOP approach are:

- **Training and Workshops:** The program offers training sessions and workshops on various topics related to community energy, such as renewable energy technologies, energy efficiency, financing models, community engagement, and project management. These sessions will be delivered online and in specific cases in-person and are tailored to the specific needs of the participants. The details of these training sessions are listed below.
- **Coaching and Mentoring:** Through the ongoing conversations and LIFE LOOP activities performed by our project partners, coaching and mentoring services are offered to satellites to develop and implement their community energy projects.
- **Networking and Matchmaking:** The LIFE LOOP programme facilitates networking and matchmaking opportunities to connect community energy initiatives with potential partners, such as local municipalities, investors, and other community groups. The details of the matchmaking programme will be elaborated in D5.3.
- **Knowledge Sharing and Resources:** The program will provide access to resources and information on community energy projects, such as case studies, best practices, and toolkits. These resources will be collected in the LIFE LOOP toolbox.
- **Peer to Peer:** The LIFE LOOP programme involves peer to peer support from Pilot cities and technical partners towards satellites.

The overview that follows includes a short description of the different capacity-building modules recommended, the concrete goals of these modules, and some indicative resources that will be used to meet these goals. These span from online material and tools to some targeted coaching and training formats already applied by the REScoop.eu and Energy Cities team.

Capacity building programme for Tulcea, Romania

Context

The municipality of Tulcea is in the process of implementing 5 energy efficiency projects for 5 residential buildings and 2 mobility projects (including the purchase of 30 electric buses and related charging stations). LIFE LOOP will enable community participation in these projects, benefiting approximately 500 citizens or more. LIFE LOOP will enable new community energy generation of 0.39GWh through developing new community solar projects on municipal facilities, a kindergarten and a school.

Overarching aim

The LIFE LOOP capacity building programme in Romania aims to increase citizens’ and local municipalities’ awareness and understanding of community energy and citizen involvement in local energy projects. The program provides the relevant social, financial, and technical background on energy communities. Another objective is to enhance the skills of civil servants and other relevant local actors, and empower them to help successfully establish city–citizen collaborative energy projects, and ideally an energy community with the involvement of the municipality.

Module	Goal	Time	Indicative Resources
<p>Useful resources for all modules:</p> <p>A Best Practice Guide for South–East Europe and the Balkans, featuring various cases of energy communities in the region, as well as their various business models: https://www.rescoop.eu/toolbox/best-practice-guide-for-southeast-europe</p> <p>A community energy overview guide in 9 different languages on energy communities, including best practises from across Europe: https://www.rescoop.eu/toolbox/community-energy-a-practical-guide-to-reclaiming-power</p>			
Introduction to Community Energy	This module aims to help participants get acquainted with the concept of community energy, learn and get inspired by some existing initiatives in the region and beyond. Participants will also be introduced to the main legal provisions on community energy in Romania.	4 h	<p>A comprehensive video about the 7 cooperative principles with examples from energy cooperatives: https://youtu.be/xjlHRDWqOCo</p> <p>A documentary on community energy across various European countries produced by Patagonia (various subtitles available): https://www.youtube.com/watch?v=75A9WGxoUn8&t=10s</p> <p>BENG Energy Cooperative Germany</p>



			<p>https://www.youtube.com/watch?v=m8vVA0M0zb4</p> <p>Hyperion – Electra Energy Cooperative Greece https://www.youtube.com/watch?v=Opiz2shuhZk&t=305s</p> <p>Green Energy Cooperative ZEZ https://www.youtube.com/watch?v=WuYBYCW-L3c</p> <p>Citizen.Power.Energy Germany https://www.youtube.com/watch?v=rFmJOEtw3Xo</p> <p>Articles about energy communities in Romania, including examples and some Q and A regarding communities and green energy: https://www.greenpeace.org/romania/tag/energie/ https://cooperativadeenergie.ro/en/</p>
Storytelling and community mobilisation	This module will support participants to get more visibility for their energy community. It will enable them to learn how to make their community energy narrative impactful and powerful.	2h	<p>Community energy communications guide: https://energycommunityplatform.eu/resources/community-energy-community-energy-communications-at-the-local-level/</p> <p>Success stories REScoop.eu: an overview of on the ground success stories of community energy projects showing that people all over Europe are accelerating the movement towards a cleaner and democratic system: https://www.rescoop.eu/news-and-events/stories</p>
Community building and engagement, coalition building and networking	This module will enable participants to learn and apply techniques to understand the community around them and create a (members) engagement	5h	<p>The LICHT approach https://www.rescoop.eu/uploads/rescoop/downloads/LICHT-methodology.pdf</p> <p>Local stakeholder and networks</p>

	<p>strategy to attract new people and keep them on board. Special attention will be given to inclusivity issues and tools for the involvement of vulnerable households. Women mobilisation and engagement in energy communities will also be addressed.</p>	<p>https://www.youtube.com/watch?v=7_1veeo7a2w&list=PLtExF_IVZd8gPeZckPbRR1basX9Rvo3fZ&index=11</p> <p>Ambition statement of REScoop.eu's Gender Power working group: https://www.rescoop.eu/news-and-events/news/ambition-statement-of-our-gender-power-working-group</p> <p>Women empower energy communities: EUCENA launches its gender and energy sessions: https://www.rescoop.eu/news-and-events/news/eucena-launches-its-gender-and-energy-sessions</p> <p>Tools and instruments for gender-just energy communities. EUCENA Gender and Energy Session #2: https://www.rescoop.eu/news-and-events/news/tools-and-instruments-for-gender-just-energy-communities-eucena-gender-and-energy-session-2-as-it-happened</p> <p>Gender targets and gender tools for energy communities. EUCENA Gender and Energy session #3: https://www.youtube.com/watch?v=QMXrSbZSne4</p> <p>EUCENA Gender Training and Awareness Raising https://www.youtube.com/watch?v=qZByb-cntMs</p> <p>EUCENA Women Empowerment Program: https://www.youtube.com/watch?v=GxxVREMH_k</p>
--	---	--

			<p>Gender survey of energy cooperatives – A summary with recommendations: https://www.rescoop.eu/toolbox/gender-survey-of-energy-cooperatives-a-summary-with-recommendations</p>
<p>Renewable energy production, collective self-consumption, energy sharing, energy efficiency, shared e-mobility</p>	<p>The main objective of this module is to make sure that local stakeholders have relevant information to decide what specific project they want to focus on.</p>	<p>3h</p>	<p>Technical Components https://citizenenergy.academy/course/course-7-technical-components/</p> <p>The Currency of Renewables: kW and kWh https://www.youtube.com/watch?v=pUz463nycL4</p> <p>Renewable energy production https://www.youtube.com/watch?v=9BdB9J9IAbU</p> <p>On-site consumption, feed-in-tariff and energy sharing https://www.youtube.com/watch?v=dkQscwzSNN0</p> <p>Collective self-consumption: 1st Community in Greece https://www.youtube.com/watch?v=JjYRiaMVtyM</p> <p>Storage, stationary and neighborhood batteries, batteries on wheels https://www.youtube.com/watch?v=YYxe996Nar8</p> <p>Electric mobility and car sharing https://www.youtube.com/watch?v=b03nNPgMdMA</p> <p>Cooperative Local E-Car Sharing and the European Network https://www.youtube.com/watch?v=6AFMZ6dgmK8</p>

			Information about batteries and solar panels: https://www.e-acumulatori.ro/blog
Financing and funding for energy communities	This module will introduce participants to the potential public and private financing challenges and opportunities for energy communities in Europe.	3h	<p>A financing guide for energy communities, with available resources and tools, as well as best practice examples from across Europe: https://energycommunityplatform.eu/wp-content/uploads/2023/02/SCCALE_203050_financingguide_energycommunities.pdf</p> <p>A guide designed for managing authorities on how to design procurement criteria around energy communities: https://www.rescoop.eu/toolbox/procurement-guide-for-community-energy</p> <p>Crowdfunding https://www.youtube.com/watch?v=x-IyLRwhJQ</p> <p>Crowd-lending & Micro-loans https://www.youtube.com/watch?v=ZW4ypg7tzRc</p> <p>A comprehensive guide on available tools that energy communities can leverage for financing: https://www.rescoop.eu/toolbox/compile-toolkit-financing-guide</p> <p>A briefing by REScoop.eu, CAN-EU and BankWatch on how public funds (Cohesion, Recovery & Resilience, Modernization) should be leveraged to promote energy communities https://www.rescoop.eu/toolbox/briefing-public-financing-opportunities-for-energy-communities-in-europe</p>

			<p>Main opportunities and barriers to finance for energy communities : a report by Friends of the Earth Europe.</p> <p>https://friendsoftheearth.eu/publication/eu-energy-communities-barriers-opportunities-financing/</p>
Community energy Roadmaps	<p>Community energy roadmaps can help strengthen the collaboration between cities and citizen energy initiatives and guide the project development process.</p> <p>In this module good practices and tips on how to develop a community energy roadmap will be shared</p>	4h	<p>How cities can back renewable energy communities. Guidelines for local and regional policy makers:</p> <p>https://energy-cities.eu/publication/how-cities-can-back-renewable-energy-communities/</p> <p>Local energy and climate roadmaps: Five city vision for 2050:</p> <p>https://energy-cities.eu/publication/local-energy-and-climate-roadmaps</p> <p>Community Energy Municipal Guide SCCALE 203050:</p> <p>https://www.sscale203050.eu/wp-content/uploads/2022/12/SCCALE-Municipal-Guide-Final-view.pdf</p> <p>TOMORROW' s toolbox provides the inspiration and guidance necessary to develop your city' s transition roadmaps. Get inspired by innovative energy transition practices and remarkable transition roadmaps in different cities in Europe!</p> <p>https://www.citiesoftomorrow.eu/resources/toolbox/</p>

Capacity building programme for Ussaramanna and

Villanovaforru, Italy

Context

Ussaramanna and Villanovaforru are very tiny municipalities in the Sardinia region and island, of less than 1000 inhabitants each. Despite their size, they both already established an energy community.

LIFE LOOP will enable the municipalities to set up two new citizen-led initiatives in each area. Around 100 additional citizens will be involved for each municipality, which includes new REC members, school students and citizens from surrounding municipalities. Concretely, an additional 100.000€ of new community investment will be triggered in each area according to the outcomes of the feasibility studies funded by the LOOP project, for example, for the installation of new REC PV plants.

Overarching aim

The LIFE LOOP capacity-building programme in Italy aims to support replication by neighbouring municipalities, as well as to expand the already existing energy communities. The capacity-building sessions will focus on raising awareness on energy communities and their benefits, particularly through collaboration with other local municipalities and local and regional stakeholders. Special attention will be given to community building and citizen involvement, with a particular emphasis on engaging women.

Module	Goal	Time	Indicative Resources
<p>Useful resources for all modules:</p> <p>A Best Practise Guide for South-East Europe and the Balkans, featuring various cases of energy communities in the region, as well as their various business models: https://www.rescoop.eu/toolbox/best-practice-guide-for-southeast-europe</p> <p>A community energy overview guide in 9 different languages on energy communities, including best practises from across Europe: https://www.rescoop.eu/toolbox/community-energy-a-practical-guide-to-reclaiming-power</p>			
Introduction to Community Energy	This module aims to help participants get acquainted with the concept of community energy, learn and get inspired by some	2 h	<p>A comprehensive video about the 7 cooperative principles with examples from energy cooperatives: https://youtu.be/xjIHRDWqOCo</p> <p>A documentary on community energy across various European countries produced by Patagonia (various subtitles)</p>



	<p>existing initiatives in the region and beyond. The module is not addressing Villanovaforru and Ussaramanna but is targeting close-by municipalities and other local stakeholders.</p>		<p>available): https://www.youtube.com/watch?v=75A9WGxoUn8&t=10s A report on the state of the art of Energy Communities in Italy (2021) Community Energy Map – RSE (rseweb.it) A collection of research articles on different aspects of Energy Communities Renewable EnGuida-CER-Impatto-Sociale-versione-2-18.07.2022.pdf (compagniadisanpaolo.it)ergy Communities:Urban Research and Land Use Planning (Unina 2022) Energy Communities as a driving force for innovation and resilience Le comunità energetiche come motore di innovazione e resilienza del sistema energetico (2022) Energy Communities and social impacts Guida-CER-Impatto-Sociale-versione 2022 BENG Energy Cooperative Germany https://www.youtube.com/watch?v=m8vVA0M0zb4 Hyperion – Electra Energy Cooperative Greece https://www.youtube.com/watch?v=Opjz2shuhZk&t=305s Green Energy Cooperative ZEZ https://www.youtube.com/watch?v=WuYBYCW-L3c Citizen.Power.Energy Germany https://www.youtube.com/watch?v=rFmJOEtw3Xo</p>
<p>Establishing the ground for collaboration: public procurement</p>	<p>This module will help participants learn and get inspiration and advice from cities that have already experience with</p>	<p>2h</p>	<p>A guide designed for managing authorities on how to design procurement criteria around energy communities: https://www.rescoop.eu/toolbox/procurement-guide-for-community-energy</p>

	public procurement tailored to citizen-driven energy initiatives, such as the city of Strasbourg in France and the city of Eeklo in Belgium		<p>A comprehensive guide on available tools that energy communities can leverage for financing: https://www.rescoop.eu/toolbox/compile-toolkit-financing-guide</p> <p>A briefing by REScoop.eu, CAN-EU and BankWatch on how public funds (Cohesion, Recovery & Resilience, Modernization) should be leveraged to promote energy communities https://www.rescoop.eu/toolbox/briefing-public-financing-opportunities-for-energy-communities-in-europe</p> <p>Guidelines on italian regulation of Public Private partnerships Partenariato Pubblico Privato (PPP) Pubblicato lo Studio - Linee Guida "Il Partenariato Pubblico - Privato: normativa, implementazione metodologica e buone prassi nel mercato italiano"</p>
Communication and Promotion	This module will offer you insights on concrete steps for awareness raising, communication, promotion and community engagement	2h	<p>Community Energy Communication Guide</p> <p>https://energy-cities.eu/publication/community-energy-communication-guide/</p>
Legal framework, energy and climate politics, advocacy	This module is targeting regional decision makers. Participants will be introduced to the main legal provisions on community energy in Italy.	2h	<p>The Energy System Manager web portal including definitions and technical rules GRUPPI DI AUTOCONSUMATORI E DI COMUNITÀ DI ENERGIA RINNOVABILE (gse.it)</p>
Financing and funding for energy communities: public procurement.	This module will help participants learn and get inspiration and advice from cities that have already experience with public procurement tailored to citizen-	2h	<p>A guide designed for managing authorities on how to design procurement criteria around energy communities: https://www.rescoop.eu/toolbox/procurement-guide-for-community-energy</p> <p>A comprehensive guide on available tools that energy communities can leverage for financing:</p>

	<p>driven energy initiatives, such as the city of Strasbourg in France and the city of Eeklo in Belgium</p>		<p>https://www.rescoop.eu/toolbox/compile-toolkit-financing-guide</p> <p>A briefing by REScoop.eu, CAN-EU and BankWatch on how public funds (Cohesion, Recovery & Resilience, Modernization) should be leveraged to promote energy communities</p> <p>https://www.rescoop.eu/toolbox/briefing-public-financing-opportunities-for-energy-communities-in-europe</p>
<p>Community energy Roadmaps</p>	<p>Community energy roadmaps can help strengthen the collaboration between cities and citizen energy initiatives and guide the project development process. In this module good practices and tips on how to develop a community energy roadmap will be shared</p>	<p>4h</p>	<p>How cities can back renewable energy communities. Guidelines for local and regional policy makers: https://energy-cities.eu/publication/how-cities-can-back-renewable-energy-communities/</p> <p>Local energy and climate roadmaps: Five city vision for 2050: https://energy-cities.eu/publication/local-energy-and-climate-roadmaps</p> <p>Community Energy Municipal Guide SCCALE 203050: https://www.sccale203050.eu/wp-content/uploads/2022/12/SCCALE-Municipal-Guide-Final-view.pdf</p> <p>TOMORROW' s toolbox provides the inspiration and guidance necessary to develop your city' s transition roadmaps. Get inspired by innovative energy transition practices and remarkable transition roadmaps in different cities in Europe!</p> <p>https://www.citiesoftomorrow.eu/resources/toolbox/</p>

Capacity building programme for Cyprus

Context

Community Energy is a new concept in Cyprus. Through LIFE LOOP’s capacity building and match-making activities with the Nicosia and Limassol Municipalities, at least three new community-led initiatives will be established. This will enable more than 3000 citizens to get involved through the various activities proposed and help establish one of the first energy communities in the country. The current government is planning an action plan for the development of energy communities in local authorities. Private and public donors are expected to invest at least 1 000 000 in the next 5 years in actions related to the project objectives. LIFE LOOP will help to transform some of these projects from non-participatory installations to community-based investment and governance. Some significant barriers will need to be addressed however, including grid saturation and lack of supportive legislation.

Overarching aim

The LIFE LOOP capacity-building program in Cyprus aims to further raise awareness amongst Nicosia and Limassol Municipalities in local energy communities following the cooperative principles. Special attention will be given to community building and citizen involvement, with a particular emphasis on engaging women. The capacity-building sessions will also provide information on technical possibilities and alternative business models for energy communities.

Module	Goal	Time	Indicative Resources
<p>Useful resources for all modules: A Best Practise Guide for South-East Europe and the Balkans, featuring various cases of energy communities in the region, as well as their various business models: https://www.rescoop.eu/toolbox/best-practice-guide-for-southeast-europe</p> <p>A community energy overview guide in 9 different languages on energy communities, including best practises from across Europe: https://www.rescoop.eu/toolbox/community-energy-a-practical-guide-to-reclaiming-power</p>			
Introduction to Community Energy	This module aims to help participants get acquainted with the concept of community energy, learn and get inspired by some existing initiatives in the region and beyond. Participants will also be	3h	<p>A comprehensive video about the 7 cooperative principles with examples from energy cooperatives: https://youtu.be/xjIHRDWqOCo</p> <p>A documentary on community energy across various European countries produced by Patagonia (various subtitles available): https://www.youtube.com/watch?v=75A9WGxoUn8&t=10s</p>



	<p>introduced to the main legal provisions on community energy in Cyprus.</p>		<p>BENG Energy Cooperative Germany https://www.youtube.com/watch?v=m8vVA0M0zb4</p> <p>Hyperion – Electra Energy Cooperative Greece https://www.youtube.com/watch?v=Opjz2shuhZk&t=305s</p> <p>Green Energy Cooperative ZEZ https://www.youtube.com/watch?v=WuYBYCW-L3c</p> <p>Citizen.Power.Energy Germany https://www.youtube.com/watch?v=rFmJOEtw3Xo</p>
<p>Community building and engagement, coalition building and networking.</p>	<p>This module will enable participants to learn and apply techniques to understand the community around them and create a (members) engagement strategy to attract new people and keep them on board. Special attention will be given to inclusivity issues and tools for the involvement of vulnerable households. Women mobilisation and engagement in energy communities will also be addressed.</p>	<p>5h</p>	<p>The LICHT approach https://www.rescoop.eu/uploads/rescoop/downloads/LICHT-methodology.pdf</p> <p>Local stakeholder and networks https://www.youtube.com/watch?v=7_1veeo7a2w&list=PLtExF_IVZd8gPeZckPbRR1basX9Rvo3fZ&index=11</p> <p>Ambition statement of REScoop.eu’s Gender Power working group: https://www.rescoop.eu/news-and-events/news/ambition-statement-of-our-gender-power-working-group</p> <p>Women empower energy communities: EUCENA launches its gender and energy sessions: https://www.rescoop.eu/news-and-events/news/eucena-launches-its-gender-and-energy-sessions</p> <p>Tools and instruments for gender-just energy communities. EUCENA Gender and Energy Session #2: https://www.rescoop.eu/news-and-events/news/tools-and-instruments-for-gender-just-energy-communities-eucena-gender-and-energy-session-2-as-it-happened</p>



			<p>Gender targets and gender tools for energy communities. EUCENA Gender and Energy session #3: https://www.youtube.com/watch?v=QMXrSbZSne4</p> <p>EUCENA Gender Training and Awareness Raising https://www.youtube.com/watch?v=qZByb-cntMs</p> <p>EUCENA Women Empowerment Program: https://www.youtube.com/watch?v=GxxVREMhH_k</p> <p>Gender survey of energy cooperatives – A summary with recommendations: https://www.rescoop.eu/toolbox/gender-survey-of-energy-cooperatives-a-summary-with-recommendations</p>
Communication and Promotion	This module will offer you insights on concrete steps for awareness raising, communication, promotion and community engagement	2h	Community Energy Communication Guide https://energy-cities.eu/publication/community-energy-communication-guide/
Gender module	Women mobilisation and engagement in energy communities will also be addressed.	1h	Ambition statement of REScoop.eu's Gender Power working group: https://www.rescoop.eu/news-and-events/news/ambition-statement-of-our-gender-power-working-group
Demand Response	This module aims to clarify the opportunities and the challenges that flexibility-related business models may bring along.	2h	Flexibility services for energy cooperatives https://www.rescoopvpp.eu/blog/brand-new-report-on-flexibility-services-for-energy-cooperatives
Financing and funding for energy communities: public procurement	This module will help participants learn and get inspiration and advice from cities that have	2h	A guide designed for managing authorities on how to design procurement criteria around energy communities: https://www.rescoop.eu/toolbox/procurement-guide-for-community-energy

	<p>already experience with public procurement tailored to citizen-driven energy initiatives, such as the city of Strasbourg in France and the city of Eeklo in Belgium</p>		<p>A comprehensive guide on available tools that energy communities can leverage for financing: https://www.rescoop.eu/toolbox/compile-toolkit-financing-guide</p> <p>A briefing by REScoop.eu, CAN-EU and BankWatch on how public funds (Cohesion, Recovery & Resilience, Modernization) should be leveraged to promote energy communities https://www.rescoop.eu/toolbox/briefing-public-financing-opportunities-for-energy-communities-in-europe</p>
<p>Community energy Roadmaps</p>	<p>Community energy roadmaps can help strengthen the collaboration between cities and citizen energy initiatives and guide the project development process. In this module good practices and tips on how to develop a community energy roadmap will be shared</p>	<p>4h</p>	<p>How cities can back renewable energy communities. Guidelines for local and regional policy makers: https://energy-cities.eu/publication/how-cities-can-back-renewable-energy-communities/</p> <p>Local energy and climate roadmaps: Five city vision for 2050: https://energy-cities.eu/publication/local-energy-and-climate-roadmaps</p> <p>Community Energy Municipal Guide SCCALE 203050: https://www.sccale203050.eu/wp-content/uploads/2022/12/SCCALE-Municipal-Guide-Final-view.pdf</p> <p>TOMORROW's toolbox provides the inspiration and guidance necessary to develop your city's transition roadmaps. Get inspired by innovative energy transition practices and remarkable transition roadmaps in different cities in Europe! https://www.citiesoftomorrow.eu/resources/toolbox/</p>

Capacity building programme for Gabrovo, Bulgaria

Context

Community energy is still a new concept in Bulgaria. However, the capacity building, match making and resources developed will support the municipality in enabling 5 new citizen-led initiatives.

In line with the National recovery plan, Gabrovo municipality will implement energy efficiency measures to achieve level A in all public buildings, LIFE LOOP will enable community involvement in this process. The programme also includes energy measures in multifamily buildings with the aim of achieving at least 30% savings. LIFE LOOP will ensure that communities are empowered to participate and are put at the heart of this process.

Overarching aim

The LIFE LOOP capacity-building program in Bulgaria aims to empower local communities following the cooperative principles. Special attention will be given to community building and citizen involvement, with a particular emphasis on engaging women. The capacity-building sessions will also provide information on technical possibilities and alternative business models for energy communities.

Module	Goal	Time	Indicative Resources
<p>Useful resources for all modules:</p> <p>A Best Practise Guide for South-East Europe and the Balkans, featuring various cases of energy communities in the region, as well as their various business models: https://www.rescoop.eu/toolbox/best-practice-guide-for-southeast-europe</p> <p>A community energy overview guide in 9 different languages on energy communities, including best practises from across Europe: https://www.rescoop.eu/toolbox/community-energy-a-practical-guide-to-reclaiming-power</p>			
Introduction to Community Energy	This module aims to help participants get acquainted with the concept of community energy, learn and get inspired by some existing initiatives in the region and beyond. Participants will also be introduced to the main legal provisions	3h	<p>A comprehensive video about the 7 cooperative principles with examples from energy cooperatives: https://youtu.be/xjIHRDWqOCo</p> <p>A documentary on community energy across various European countries produced by Patagonia (various subtitles available): https://www.youtube.com/watch?v=75A9WGxoUn8&t=10s</p> <p>BENG Energy Cooperative Germany</p>

	<p>on community energy in Bulgaria.</p>		<p>https://www.youtube.com/watch?v=m8vVA0M0zb4</p> <p>Hyperion – Electra Energy Cooperative Greece https://www.youtube.com/watch?v=Opjz2shuhZk&t=305s</p> <p>Green Energy Cooperative ZEZ https://www.youtube.com/watch?v=WuYBYCW-L3c</p> <p>Citizen.Power.Energy Germany https://www.youtube.com/watch?v=rFmJ0Etw3Xo</p>
<p>Community building and engagement, coalition building and networking</p>	<p>This module will enable participants to learn and apply techniques to understand the community around them and create a (members) engagement strategy to attract new people and keep them on board. Special attention will be given to inclusivity issues and tools for the involvement of vulnerable households. Women mobilisation and engagement in energy communities will also be addressed.</p>	<p>5h</p>	<p>The LICHT approach https://www.rescoop.eu/uploads/rescoop/downloads/LICHT-methodology.pdf</p> <p>Local stakeholder and networks https://www.youtube.com/watch?v=7_1veeo7a2w&list=PLtExF_IVZd8gPeZckPbRR1basX9Rvo3fZ&index=11</p> <p>Ambition statement of REScoop.eu’s Gender Power working group: https://www.rescoop.eu/news-and-events/news/ambition-statement-of-our-gender-power-working-group</p> <p>Women empower energy communities: EUCENA launches its gender and energy sessions: https://www.rescoop.eu/news-and-events/news/eucena-launches-its-gender-and-energy-sessions</p> <p>Tools and instruments for gender-just energy communities. EUCENA Gender and Energy Session #2: https://www.rescoop.eu/news-and-events/news/tools-and-instruments-for-gender-just-energy-communities-eucena-gender-and-energy-session-2-as-it-happened</p> <p>Gender targets and gender tools for energy communities. EUCENA Gender and Energy session #3:</p>

			<p>https://www.youtube.com/watch?v=QMXrSbZSne4</p> <p>EUCENA Gender Training and Awareness Raising https://www.youtube.com/watch?v=qZByb-cntMs</p> <p>EUCENA Women Empowerment Program: https://www.youtube.com/watch?v=GxxVREMhH_k</p> <p>Gender survey of energy cooperatives – A summary with recommendations: https://www.rescoop.eu/toolbox/gender-survey-of-energy-cooperatives-a-summary-with-recommendations</p>
Renewable energy production, collective self-consumption, energy sharing, energy efficiency, shared e-mobility	The main objective of this module is to make sure that local stakeholders have relevant information to decide what specific project they want to focus on.	3h	<p>Technical Components https://citizenenergy.academy/course/course-7-technical-components/</p> <p>Renewable energy production https://www.youtube.com/watch?v=9BdB9J9IAbU</p> <p>On-site consumption, feed-in-tariff and energy sharing https://www.youtube.com/watch?v=dkQscwzSNN0</p> <p>Collective self-consumption: 1st Community in Greece https://www.youtube.com/watch?v=JjYRiaMVtyM</p> <p>Storage, stationary and neighborhood batteries, batteries on wheels https://www.youtube.com/watch?v=YYxe996Nar8</p> <p>Electric mobility and car sharing https://www.youtube.com/watch?v=b03nNPgMdMA</p> <p>Cooperative Local E-Car Sharing and the European Network</p>

			https://www.youtube.com/watch?v=6AFMZ6dgmK8
Demand Response	This module aims to clarify the opportunities and the challenges that flexibility-related business models may bring along.	2h	Flexibility services for energy cooperatives https://www.rescoopvpp.eu/blog/brand-new-report-on-flexibility-services-for-energy-cooperatives
Financing and funding for energy communities: public procurement	This module will help participants learn and get inspiration and advice from cities that have already experience with public procurement tailored to citizen-driven energy initiatives, such as the city of Strasbourg in France and the city of Eeklo in Belgium	2h	A guide designed for managing authorities on how to design procurement criteria around energy communities: https://www.rescoop.eu/toolbox/procurement-guide-for-community-energy A comprehensive guide on available tools that energy communities can leverage for financing: https://www.rescoop.eu/toolbox/compile-toolkit-financing-guide A briefing by REScoop.eu, CAN-EU and BankWatch on how public funds (Cohesion, Recovery & Resilience, Modernization) should be leveraged to promote energy communities https://www.rescoop.eu/toolbox/briefing-public-financing-opportunities-for-energy-communities-in-europe
Community energy Roadmaps	Community energy roadmaps can help strengthen the collaboration between cities and citizen energy initiatives and guide the project development process. In this module good practices and tips on how to develop a community energy roadmap will be shared	4h	How cities can back renewable energy communities. Guidelines for local and regional policy makers: https://energy-cities.eu/publication/how-cities-can-back-renewable-energy-communities/ Local energy and climate roadmaps: Five city vision for 2050: https://energy-cities.eu/publication/local-energy-and-climate-roadmaps Community Energy Municipal Guide SCCALE 203050: https://www.sccale203050.eu/wp-content/uploads/2022/12/SCCALE-Municipal-Guide-Final-view.pdf

			<p>TOMORROW' s toolbox provides the inspiration and guidance necessary to develop your city' s transition roadmaps. Get inspired by innovative energy transition practices and remarkable transition roadmaps in different cities in Europe!</p> <p>https://www.citiesoftomorrow.eu/resources/toolbox/</p>
--	--	--	---



Annex

	Tulcea, Romania	Ussaramanna, Italy	Villanovaforru , Italy	Cyprus	Gabrovo, Bulgaria
New citizen-led initiatives	2	2	2	3	5
(Municipal) actors with increased skills	70	40	40	100	30
Investment triggered (€)	2.528.000	100.000	100.000	1.000.000	500.000
CE energy savings (GWh)	2,50	0,07	0,07	0,30	1,50
Additional CE RE (GWh)	0,39	0,08	0,08	0,6	0,55
Citizens involved	500	100	100	3000	300
Citizens informed	5.000	1.345	1.349	62.510	3.000
Carbon savings (tCO ₂)	795	39	39	247	563

Table A1. Expected Impact of pilot areas (from LIFE LOOP proposal)