



Cross-Border Energy Communities

Unlocking Cooperation for a Clean Energy Transition

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**Co-funded by
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SOLE | High Energy efficiency for the public stock buildings in Mediterranean

ENI CBC Med Programme

SOLE enhanced the energy efficiency of public buildings by retrofitting seven facilities - including a stadium, schools, municipal buildings, and universities - achieving up to a 50% reduction in energy consumption. The project also fostered cross-border knowledge exchange on sustainable building management and launched an awareness campaign to encourage behavioral change aimed at reducing energy waste.



HYBES | Hybrid energy solutions for buildings and infrastructure

Interreg Northern Periphery and Arctic

HYBES is an international development and research project exploring hybrid energy systems integrating renewable energy sources and energy storage technologies to provide sustainable energy solutions for Arctic communities.



SatComm | Sustainable Atlantic Communities

Interreg Atlantic Area

SatComm aims to enable citizens from residential, SME, and industrial entities to mobilise as groups into Energy Communities and equip them with the digitalisation and legal tools to empower them to play a central role in the Clean Energy Transition. The objective is to enable local communities to integrate renewable energy and smart grid concepts to improve their competitiveness, maximise their sustainability, and become "prosumers". It is deploying 5 pilots in different Atlantic regions to suit the regulations of each respective country, while designing the Energy Management Systems to be flexible to meet the requirements of each.



RESMAC | Innovative and Strategic Renewable Energy Sources to drive the transition to climate neutrality in Macaronesia

Interreg MAC

The outermost European regions of the MAC and the countries of the African Macaronesia endure share specific conditions resulting from their high dependence on external energy, climatic conditions and the fragility of their territory, which pose an additional challenge to achieving climate neutrality. The RESMAC project will define strategies to advance the integration of renewable energy sources specially adapted to the unique characteristics of the Macaronesia territories and will provide tools for governments in the cooperation area to promote the decarbonisation of their economies. It will promote access to renewable and community energy for citizens and SMEs through support and training actions to promote Energy Communities and will develop pilot actions in energy-intensive sectors such as tourism and industry to reduce their carbon footprint.



TRANSBORDER | Improving the public transport service at the level of Oradea and Debrecen cross-border urban poles

Interreg Romania-Hungary

TRANSBORDER (ROHU390) revolutionized public transport, enhancing sustainable mobility and cutting CO2 emissions. 16 public transport services in the cross-border area, benefiting over 500,000 people, have been modernized through the acquisition of 11 new low-emission buses, including one hybrid, which are currently providing a cleaner, more efficient transportation option, demonstrating how strategic investments in green technology and infrastructure can drive sustainable development and enhanced regional connectivity.



WaterWarmth | Accelerating the transition towards sustainable heating and cooling based on collective surface water heat pump systems

Interreg North Sea Region

Communities tap into water for energy independence. WaterWarmth empowers energy communities to use local water bodies - rivers, lakes and the sea - for green and affordable heating and cooling. With aquathermal energy, communities can keep warm without depending on fossil fuels like oil and gas.



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Interreg for Energy Efficiency, Renewable Energy and Smart Systems

€258
million so far
(2021-2027)
across 32
programmes

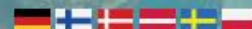
100+
ongoing
projects

750+
partners

Climate 4 CAST | A Climate Action decision Support Tool to accelerate cities' progress towards climate neutrality

Interreg Baltic Sea

Cities face the challenge of turning climate commitments into action, often hindered by budget constraints and siloed governance. To tackle this, the Climate-4-CAST project develops the Climate Action Decision Support (CADS) Tool, an open-source platform designed to help municipalities integrate climate action into budget planning. Pilot cities: Aarhus (DK), Bytom (PL), Nordstede (DE), Östersund (SE), Riga (LV) and Tampere (FI) are already testing the tool to model how specific actions translate into climate benefits, and to align them with sound financial strategies.



DigiTechPort2030 | Decarbonisation of Small Ports' Ecosystems for Efficient Environmental and Energy Management Towards South Baltic

Interreg South Baltic

DigiTechPort2030 aims to boost decarbonisation in South Baltic small and medium-sized ports by 2026, aligning with the EU's Green Deal and Fit for 55. It delivers a Green Energy Harmonisation Toolbox and an EU Green Policy & Regulation Roadmap to strengthen small and medium-sized ports' capacity for Green Transition.



CEL RURAL | Pilot Actions to Promote Local Energy Communities in Rural Areas of the POCTEP Region

Interreg POCTEP

The Spain-Portugal border region faces the challenge of achieving a fair, sustainable energy transition that supports rural communities and creates green jobs. CEL RURAL aims to promote Local Energy Communities (LECs) by supporting shared self-consumption and empowering citizens as prosumers. The project develops pilot initiatives, tools, and training to enable real implementation in rural areas. Cross-border cooperation is essential to overcome regulatory, technical, and economic barriers and ensure these energy models can be effectively replicated.



CO-CLEAN | CO-designed and implementation of local sustainable energy action

Interreg South Adriatic

How can we embrace a greener future and harness the power of renewable energies for a sustainable tomorrow? CO-CLEAN enhances energy efficiency and promotes the use of renewable energies in the Programme area. The objectives were achieved through 5 pilot actions: installing a photovoltaic plant on a primary school in Brindisi, setting up photovoltaic modules on the roof of the public swimming pool in the Municipality of Racale, implementing a new air conditioning system for the headquarters of Consorzio per lo Sviluppo Industriale della Valle del Biferno, installing solar panels on a municipal kindergarten in Vitoro, and establishing an ecological heating system at the Municipal Cultural Center in Berme. These initiatives not only improve energy efficiency but also raise awareness among citizens.



CIRCUS | Connecting Initiatives for Rural Communities, Upcycling their Sustainable energy

Interreg North-West Europe

Rural regions face multiple challenges in adapting to the EU's energy transition. CIRCUS aims to strengthen energy resilience in rural communities across the NWE area by adapting and disseminating 4 tools designed to support these communities in different phases of their energy journey: from raising awareness and planning together, to mapping opportunities and building a viable business model. The project supports 30 pilot energy communities and trains 150 local advisors to help rural residents manage, develop, and exploit their own renewable energy sources.



APhE | Retractable Photovoltaic Awning

Interreg Italy-France ALCOTRA

This project involves the design and implementation of a retractable photovoltaic awning system. The goal is to offer a flexible and space-efficient solar energy solution suitable for both urban and rural environments, enhancing the practical use of solar technology.



AccelerateGDT | Realign Cluster Policies to Accelerate the Twin Green and Digital Transitions

Interreg Europe

AccelerateGDT will reinvent national and regional cluster policies to support the twin green and digital transitions and SMEs competitiveness.



PO2 Greener Europe Planned vs Implemented



Specific Objective Name	EU Amount	Total Amount	EU Eligible Costs of Selected Operations (estimated)	EU spend share (Eligible Expenditure Declared)	Number Of Operations	% Total cost selected	% Total cost spending
RSO2.1 Energy efficiency	251.606.022	342.421.699	91.904.739	15.142.438	104	37,8	6,2
RSO2.2 Renewable energy	230.284.347	323.219.754	138.985.572	9.852.308	89	62,0	4,8
RSO2.3 Smart energy systems	34.749.685	56.409.997	10.087.576	408.006	5	28,0	1,2
RSO2.4 Climate change adaptation	1.191.705.836	1.551.201.501	603.758.077	23.604.226	718	52,4	2,2
RSO2.5 Sustainable water	283.971.955	353.976.110	160.635.896	15.920.632	111	56,5	5,6
RSO2.6 Circular economy	544.357.158	765.558.654	253.737.343	35.160.372	245	47,7	6,7
RSO2.7 Nature protection and biodiversity	953.012.618	1.253.080.945	387.523.143	23.286.445	452	41,7	2,7
RSO2.8 Sustainable urban mobility	120.442.642	157.356.289	73.197.929	12.395.345	51	64,6	11,4
PO2 Greener Europe	3.610.130.263	4.803.224.949	1.719.830.275	135.769.771	1.775	48,9	4,0

Navigating the current state of play European Commission



Vera Kissler

Directorate-General for Energy (ENER C.1)

Renewables and Energy System Integration Policy



Navigating the current state of play European Commission



Delia Bonsignore

Directorate-General for Regional and Urban Policy
(REGIO D.2)

Interreg, Cross-Border Cooperation,
Internal Borders



Where do we stand...

Keynote



Why Cross-Border Energy Communities Matter

Daan Creupelandt

Coordinator [RESCoop.eu](https://rescoop.eu) –
European Federation of Energy Communities

Going further Opportunities and support



Call for Proposals to support structured cross-border cooperation in energy communities

Silvia Gobert-Keckeis

Anouck Moulin

Mission Opérationnelle Transfrontalière

Solutions powered by cooperation

Energy communities in Interreg – Cross-Border programmes



TRANSCOM EUROACE

Interreg POCTEP (ES-PT)

Belén Muñoz Briongos
Managing Authority, Spain

Rachel Tully
Energy Agency of Extremadura

Cross-border advisory service
for the development of energy
communities

RECROSSES

Interreg ALCOTRA (IT-FR)

Mauro Cornaglia
Environment Park (Turin, IT)

One-Stop-Shop solutions for
the activation of renewable
energy communities

Solutions powered by cooperation

Energy communities in Interreg – Transnational programmes



StartSun

Interreg Baltic Sea Region

Sara Spjuth

County Administrative Board of
Östergötland (Sweden)

Starting up solar energy
communities

CleanEnergy4CE

Interreg Central Europe
ESPON

Viktorija Dobravec

Joint Secretariat

Targeted Analysis -
Putting clean energy transition
policies into practice in central
Europe

Next opportunities to meet and discuss



Cooperation can be complex;
our job is to make it easier.

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coming soon

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Author(s)

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Interreg for a Greener Europe

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