



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101022317.

Energy Citizenship Contracts

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ECCs overview

ECCs are innovative tools designed to empower communities and individuals in the pursuit of sustainable energy practices.



UNAWARE



AWARE



INVOLVED



ACTIVE



ADVOCATE

ECCs: genesis of the instrument

- ECCs evolve from centuries-old social contracts (Locke, Hobbes, and Rousseau), historical (UNFCCC, Kyoto Protocol, Paris Agreement) and recent climate initiatives (PACT, European Energy Award, CoM, Mission's CCC) to empower communities, address climate change, and promote sustainable practices.



ECCs: genesis of the instrument

ECCs answer to specific needs:

- To give the opportunity for bottom-up initiatives to **be better defined** in coordination with other policy-level initiatives
- To involve more deeply citizens in an **organized way** with local stakeholders
- To provide a **transparent and reliable framework** to people willing to become energy citizen
- To embed the **principles of fair and just energy citizenship** in practice-based initiatives

ECCs: main objectives



The primary objectives of ECCs include:

- **Empowering Communities**
- **Inspiring Voluntary Commitment**
- **Promoting Transparent Flexibility**
- **Fostering Collaboration**
- **Influencing Policy**

What are the ECCs?



WHAT: An operational tool that supports the emergence and growth of forms of energy citizenship at the community level.



WHY: To facilitate the creation of agreements among citizens and stakeholders for future actions related to energy (in its various forms).



WHO: A variety of community actors and institutions already engaged in energy-related issues, but especially those who are not yet active.



HOW: An open tool, a guiding framework, voluntary, non-binding but clarifying certain key shared assumptions and commitments

22.9.2023

Which stakeholders?



ECCs involve a wide range of stakeholders including:

- **Community Members**
- **Local Governments**
- **Businesses**
- **NGOs**
- **Institutions and Schools**
- **Utilities and Energy Providers**

22.9.2023

ECCs for:



- Promoting Renewable Energy Adoption
- Energy Efficiency Improvements and Emission Reduction
- Community Engagement and Awareness
- Enhancing Collaboration
- Adaptive Governance, Transparency and Accountability

How did GRETA develop the ECCs?

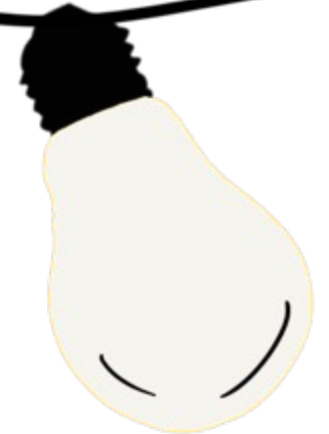
Preliminary step: ECC
typology selection

Actions and Technical and
Financial Instruments +
Annexes



Selection of Parties
Interested in Energy
Citizenship Contract

Define a hierarchy of goals

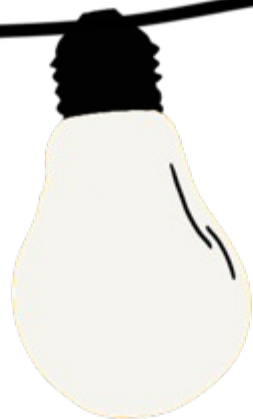




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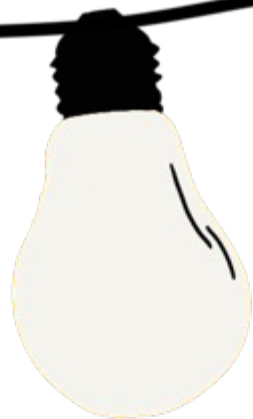




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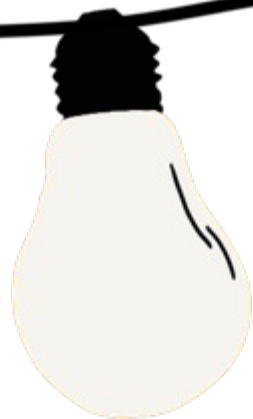




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How can GRETA's ECCs be used (example from Pilastro-Roveri, Bologna)

Topics
PREMISES
The Framework : reference to the state of the art, existing agreements/commitments EU -> National -> Local -> GRETA project -> the case study
The Energy Citizenship Values Manifesto : the vision
THE CONTRACT
The promoters : First group of "Parties" to commit, support and promote the Manifesto
The aim : Co-creation of general criteria and objectives of the document
The signatories/target groups : Co-creation of stakeholders list to be engaged
The monitoring : Participated selection of KPIs to measure the achievements
The annexes : Definition of specific annex for each stakeholders' type to set benefits and commitments

The Pilastro-Roveri Contract stands as a **privileged repository** to collect, **harmonise and coordinate** at district level new bottom-up proposals as well as the results obtained from previous programmes and projects related to the concepts of energy citizenship, energy justice and citizens' access to conscious and responsible energy consumption, making them **available** to citizens and **facilitating their use** for the local community.

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First set of signatories/promoters:
The coordinating entity is the Municipality of Bologna [...], it will **supervise, plan and facilitate the implementation of the individual activities** with reference to the case study, supporting and enabling the stakeholders to become active participants in the same.

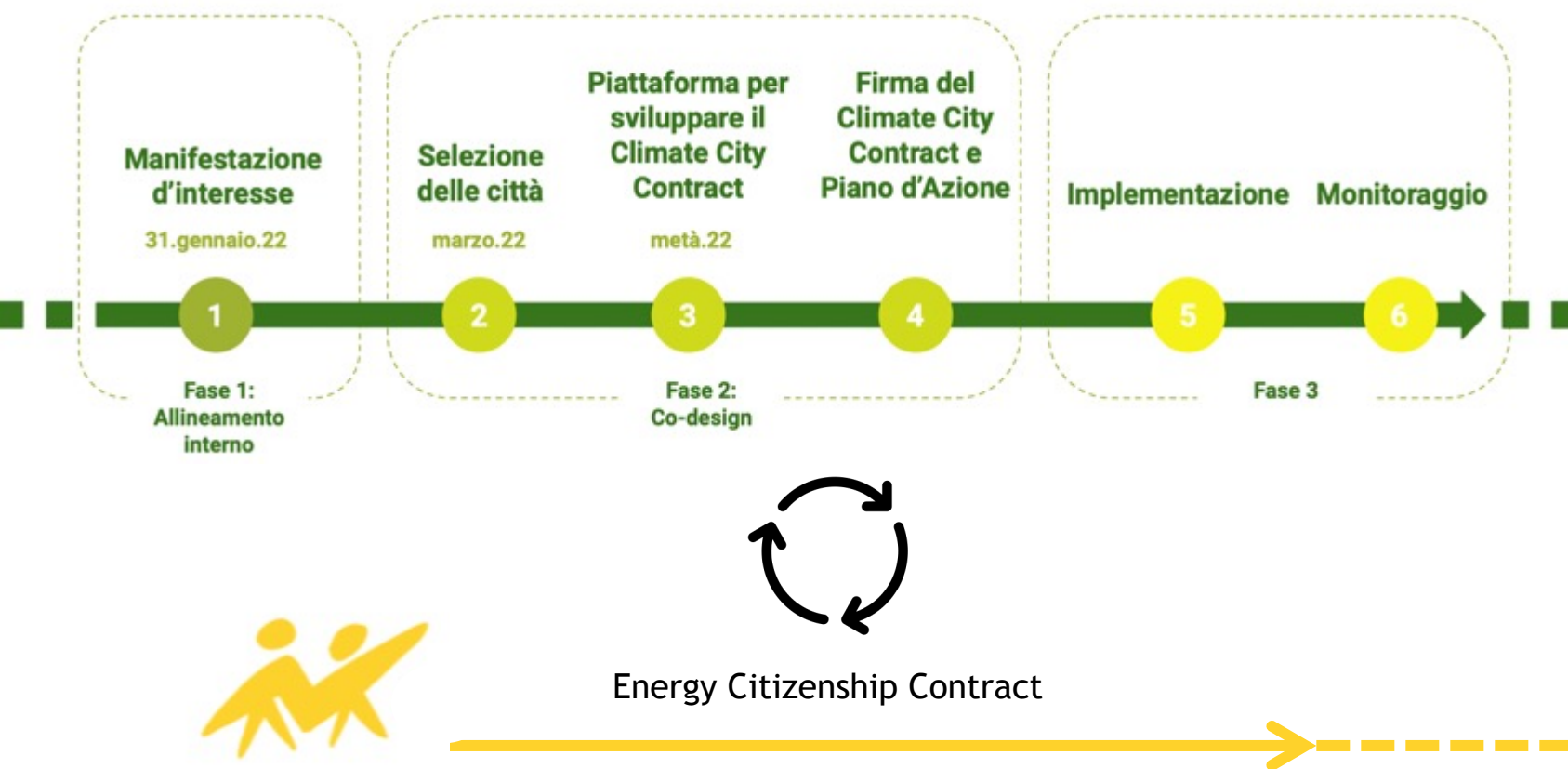
The coordinating entity will be assisted by its supporting structures FIU and UNIBO.

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Objective and stakeholders definition with local community (Special focus on: **social and energy justice**)

How can GRETA's ECCs be used (example from Pilastro-Roveri, Bologna)



In the case of Bologna participation in the Contract can allow members to **include their proposals in the investment plan of the CCC**, recognizing the commitment of participants to the optimal use of energy as a collective asset for the entire city. Additionally, some members may be involved in **municipal working groups** related to the CCC.

Where do people find more information



GRETA [D5.4](#) Guidelines on Energy Citizenship Contracts

D5.4
Guidelines on Energy Citizenship Contracts – Definition and implementation
 Prepared by: UNIBO
 Contributions from: TEC, FhG, CWD, TNO

Deliverable nature	Report
Dissemination level (Confidentiality)	Public (PU)
Delivery date	2023-08-31
Version	1.0
Total number of pages	117
Keywords	Energy citizenship, energy community, energy citizenship contracts, transition pathways
Cite as	D. Longo, M. Massari, S.O. Boulanger, V. Borghi, G. Manella, A. Kantel, S. Preuss, L. Schlundwein, L. Klein, I. J. Iturriza, E. Polo (2023). Guidelines on Energy Citizenship Contracts - Definition and implementation. D5.4 of the Horizon 2020 project GRETA, EC grant agreement n°101022317, Bologna, Italy
Project contact	Daniela Longo, email: daniela.longo@unibo.it

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GRETA [D5.3](#) Roadmap for Community Transition Pathways - Guidelines



D5.3
Roadmap for Community Transition Pathways - Guidelines
 Prepared by: UNIBO
 Contributions from: TEC, FhG, CWD, TNO

Deliverable nature	Report
Dissemination level (Confidentiality)	Public (PU)
Delivery date	2021-12-22
Version	0.4
Total number of pages	46 (without Annexes) / 174 (complete document)
Keywords	Community Transition Pathways, Energy Citizenship, Energy Transition, Energy Community, Climate Change, Participation
Cite as	Boulanger S.O.M. et al., (2021), Roadmap for Community Transition Pathways. Guidelines, D5.3 of the Horizon 2020 project GRETA, EC grant agreement n°101022317, Bologna, Italy
Project contact	Anniko Wolff info.greta@unibo.it

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GRETA - Green Energy Transition Actions

PROJECT OBJECTIVES

GRETA, an EU Horizon 2020-funded research project, aims to foster energy citizenship emergence by enhancing awareness and removing barriers within the European Union. Its primary objective is to comprehensively investigate the conditions and challenges associated with energy citizenship, ensuring inclusivity for all.



GRETA
GREEN
ENERGY
TRANSITION
ACTIONS

GRETA recognizes the dynamic relationship between energy citizenship behavior and the socio-political and economic context in which citizens exist. This systemic perspective highlights the **influence of policies in facilitating and empowering energy citizenship activities.**

ENERGY CITIZENSHIP

Energy citizenship extends beyond an individual or a group acting as prosumers in the energy sector. It encompasses all socially and politically engaged stakeholders who actively participate in the energy transition.



Energy citizenship takes various forms, with individuals playing diverse roles such as conscious consumers, prosumers, activists, policymakers, and participants in protests and movements. Collectively, energy communities and businesses also contribute to shaping the energy transition and thus, present energy citizens.

Energy citizens **actively influence the transition** through their everyday actions, political engagement, and the exercise of their rights and responsibilities. These energy citizenship activities can have **positive, neutral, or negative impacts on the energy transition.**

RESEARCH OUTCOMES & POLICY RECOMMENDATIONS

Through a multinational survey (~10,000 participants across 16 EU countries) and six case studies in five EU countries (Italy, Spain, Portugal, Germany, the Netherlands), GRETA develops analytical frameworks and models to assess drivers and barriers of energy citizenship and translates them into policy tools and a set of six policy briefs.

The EU Green Deal prioritizes **citizen involvement** in the energy transition, emphasizing their central role in driving socio-technical innovations and advocating for grassroots implementation of sustainable energy initiatives.



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GRETA

Thank you!

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