

Energy Communities

Sustainability and Energy



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Professor/PhD Candidate: 5/8

Law School - Unicam



Characterizing studies

The role of contract, local authorities, no profit organisations and citizens in energy transition and the transformative potential of Renewable Energy Communities (RECs):

1. Synergy between RECs and digitalization in Smart Cities
2. Facilitation of green mobility through self-produced energy
3. Innovative financing models balancing investor remuneration with socio-environmental goals
4. The role of local and public authorities.

National Impact

The impact of the research project lies in identifying the **best legal models** to ensure the **protection of consumer rights**, in synergy with the goals of energy transition, technological innovation, and energy democracy. By analyzing RECs and the studying their contractual models, the research group contributes to building regulatory frameworks that balance public and private interests.

International Impact

The research also has an international impact, as demonstrated by the following collaborations, as it contributes to the study of **comparative law - legal acts, contractual models and policies** - useful for implementing the energy transition, ensuring social justice and technological innovation for resilient communities.

International collaborations:

Toyo University, Tokyo, Japan
University of Almeria, Spain
University Carlos III, Spain
University of Maryland, USA

Relations with SME

The following companies, interested in the results of research in the field of sustainability and energy law, have **funded several research scholarships**:

AISFOR srl, Roma; CRETA Energia Speciali S.r.l.; Romeo Group Fotovoltaica S.r.l.; Apply Consulting S.r.l.; Gabri S.r.l. and Fondazione Gabriele Cardinaletti.

Other companies are **stakeholders in research projects**:

Carry The Sun -Japan
Enercade S.r.l.
Engreen S.r.l.
Italgen

Roles in scientific societies/ Networks/ Research centers:

Network in Scientific Societies:

IFEL - Istituto per la Finanza e l'Economia Locale;
ENSIEL - Consorzio Interuniversitario Nazionale "Energia e Sistemi Elettrici"

Sgem World Science (SWS) Scholarly Society

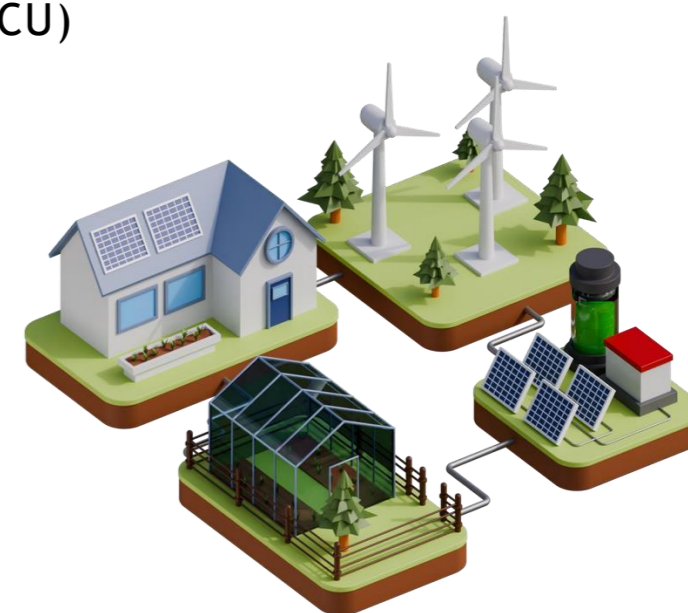
Network Municipalities:

Comune di Camerino
Comune di Castellana Sicula
Comune di Tasnad
Comune di Rapagnano
Comune di Magliano Alpi
Comune di Lovrin
Comune di Gottlob
Comune di Serrenti
Comune di Petralia Soprana
Comune di Pieve Torina
Comune di Vallefoglia



Network Associations and Foundations:

European Consumers Union (ECU)
Legambiente Marche
Federconsumatori Lazio
Unione Nazionale Consumatori
delegazione di Rieti e di Terni
Consumers' Forum
Unione Montana Di Camerino



Network RECs:

Cer Valdarno
Green Wolf Cer
Cenergam Comunità Energetica Amendolaresse

Sources of funding

PNRR - Next Generation EU

FAR Unicam 2019

PON Ricerca e Innovazione 2014-2020-Green CUP J15F21001070008 e
Innovation CUP J15F21001060008

Agenzia per la Coesione Sociale - Unione Madonie/UNICAM 2021

Cassini Senior 2018-Energy Market "New Technologies and challenges for improving the access to energy"

Financing by companies - agreements between universities and companies

