

Case Studies & Community Level Indications (CLIs)

Lurian Klein, PhD
Senior Innovation Developer at Cleanwatts
lklein@cleanwatts.energy

Ajesh Kumar
Title Here

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GRETA Case Studies

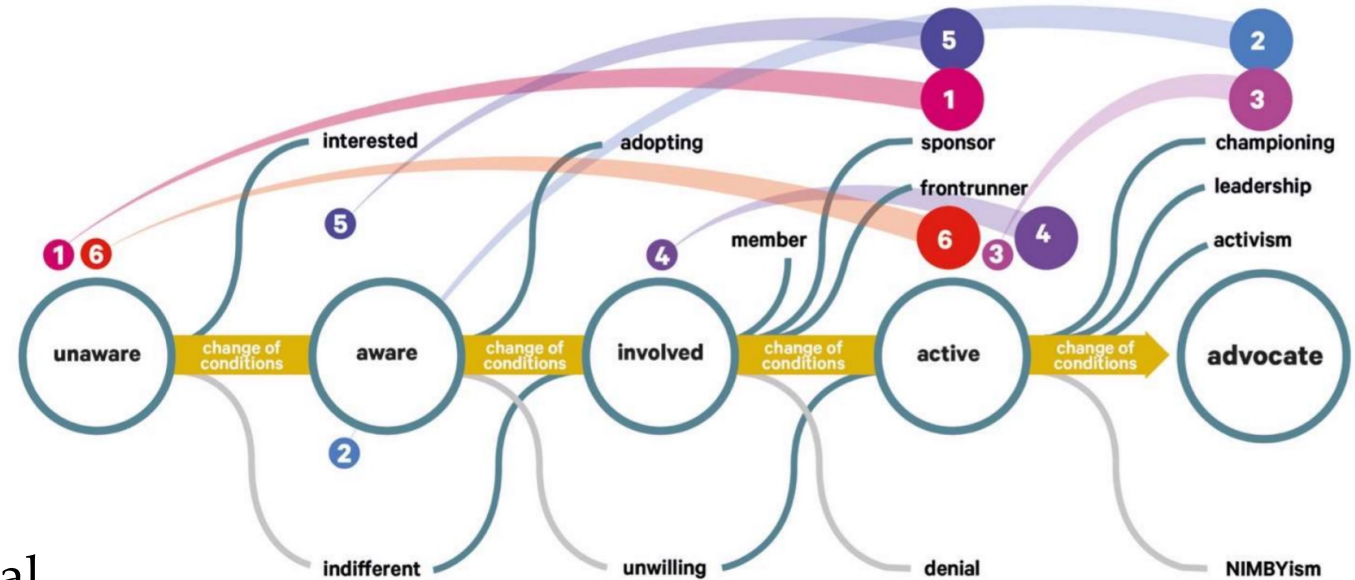
GRETA case studies

6 case studies to support the analysis of energy citizenship under different **sociodemographic, governance and political structures, socio-technological actions, levels of energy awareness/engagement, and geographical levels.**

No.	Name	Geographical reach	Governance	Geographical Level
1	Renewable energy district	Bologna Pilastro-Roveri district, Italy	Several associations/ Cooperatives	Local
2	Natural gas-free neighbourhoods	The Netherlands	Cooperative/ Municipalities	National
3	Renewable energy-driven cooperative	Coopérnico, Portugal	Cooperative	National
4	Energy efficiency-driven cooperative	UR BEROA, San Sebastian, Spain	Cooperative	Local
5	Virtual community for sustainable mobility	Earnest App, Darmstad, Germany	Citizen-driven (virtual community)	Regional
6	Electric autonomous and connected mobility network	Transnational	Partnership	Supranational

Engagement levels

1. Bologna Pilastro-Roveri district, Italy
2. Natural gas-free districts, Netherlands
3. Coopérnico cooperative, Portugal
4. UR BEROA cooperative, Spain
5. Earnest App, Germany
6. Electrical mobility network, Transnational



Community Level Indicators (CLIs)



Community Goals and Actions

“Community Level Indicators (CLIs) define and measure the success of a project or initiative at a community level”

Hemment et al.

Relevance
for
community

More
Invested

Local
issues are
considered

Data is
available
locally

Helps
participants
know more

New ideas
are
frequent as
citizens are
empowered



CLIs from case studies

Environmental

1. Data shown on bills by energy providers on energy savings and avoided emissions.
2. Percentage of municipal budget directed to environmental-themed workshops.
3. Number of new energy/environmental-themed associations.
4. Number of town assemblies organized.
5. Amount of area redeveloped (in square meters) into green areas usable for social and cultural events or for the creation of urban gardens.

Technical

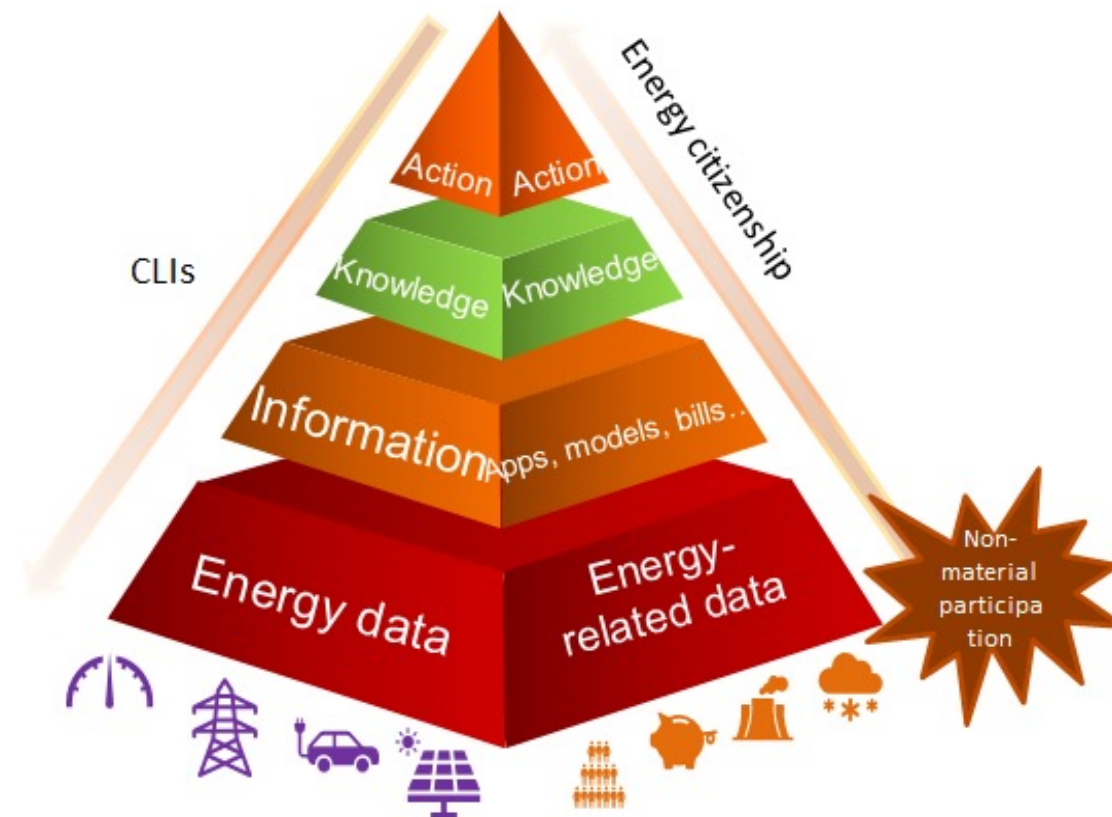
1. Number of people installing Smart Meters or similar devices.
2. Number of buildings monitored by Smart Meters.
3. Location and number of spaces available for installing photovoltaic panels.
4. Number of energy requalification interventions in buildings
5. Number of companies obliged (by law) to have in-house Energy/Mobility managers

Economic

1. Increase in public incentives to finance photovoltaics.
2. Number of people who have received a bonus of 110% run by local government.
3. Number of municipal energy incentives for the area concerned

Social

1. Monitor the type of topics addressed by the Pilastro blog over time. E.g., How much do people talk about the environment?
2. Number of people joining the gardens and/or requesting them.
3. Number of participants at events in the district and type by gender/age.
4. Number of people willing to do the proposed energy improvements.



Thank you!

Lurian Klein, PhD, Senior Innovation Developer

lklein@cleanwatts.energy

Ajesh Kumar, PhD Student, LUT University

Ajesh.kumar@lut.fi



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