

## THE CHALLENGE

The transition from fossil fuels to renewable energy (RE) sources requires motivating consumers to change their consumption habits so as to balance demand with a volatile energy supply and to accept new technologies like smart meters.

Consumer co-ownership in RE – “Citizen Energy” – has proved successful in engaging consumers in financing RES, thus becoming “prosumers” which in turn induced positive behavioural changes in energy consumption. “Prosumer” models, however, are still not widely implemented across Europe.

Guaranteed feed-in tariffs have facilitated the repayment of RE installation loans, but now a shift to auction systems favouring large-scale projects threatens this powerful incentive to citizen’s investment. Moreover, the typical “prosumer” is male, middle aged and with a higher income whereas the participation of women and social groups vulnerable to fuel energy poverty is uncommon.

## SCORE

- **Facilitates consumers to become co-owners of RE in three pilot regions** and in cities across Europe that follow the pilot projects.
- **Activates local authorities and consumers showing the ability of this democratic participation model to include women and low-income households.** It demonstrates the positive impact co-ownership has on consumer behaviour.
- **Formulates policy recommendations at the EU and national levels to promote prosumership** and remove barriers for consumers to become active market participants.

**SCORE applies Consumer Stock Ownership Plans (CSOPs)** utilising established best practice updated by inclusive financing techniques as illustrated in the figure on the right.

Vulnerable groups affected by fuel / energy poverty - as a rule underrepresented in RE investments - are in the focus of the project. Effective and innovative engagement actions are tailored to their needs.

## ACTIVITIES

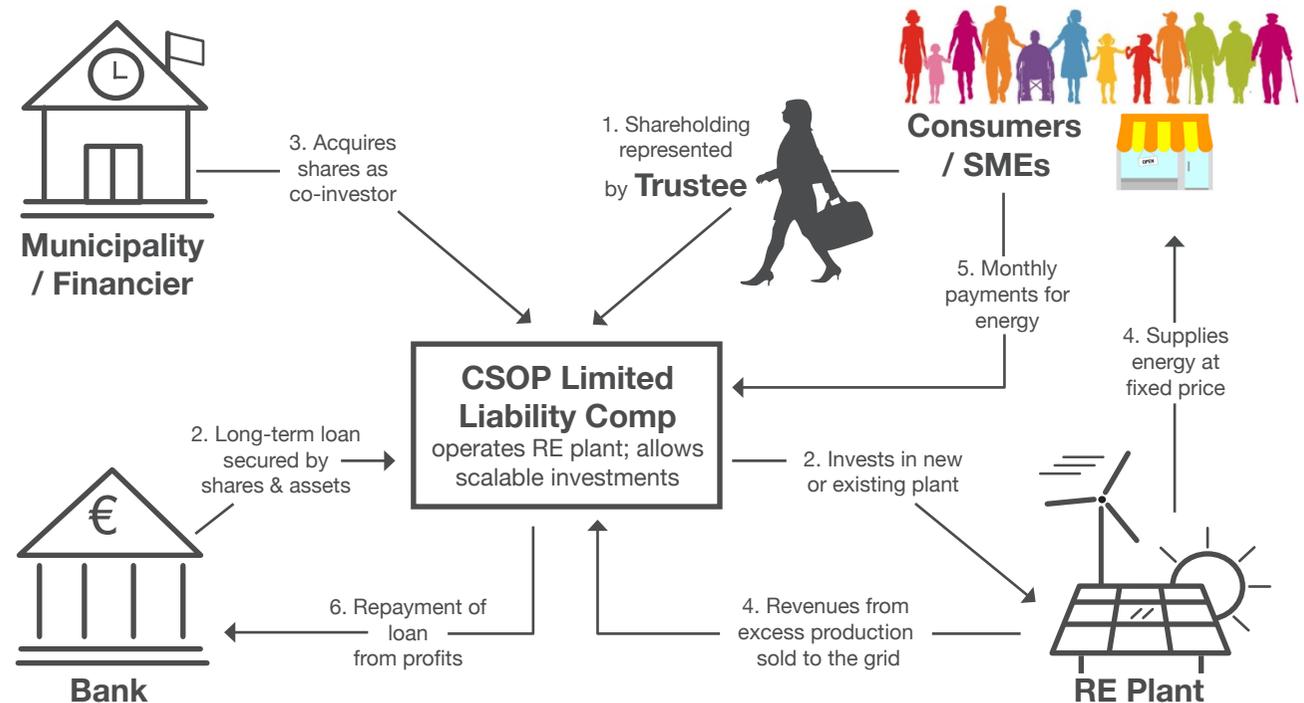
1. **Implementing innovative prosumer RE investments** in three European pilot communities supporting local authorities with the project’s expert pool.
2. **Monitoring and evaluating the pilot projects** with a focus on the inclusion of vulnerable groups.
3. **Analysing and comparing existing models of consumer co-ownership** as well as the experience from the pilot projects to develop best practice manuals and templates for “prosumer financing”.
4. **Conducting a large-scale capacity building program** addressing over 1,000 local authorities and stakeholders.
5. Launching a website including an **open, interactive online RE prosumer investment calculator** that allows stakeholders to simulate prosumer investments.

## WIDER AIMS

The wider aim is to provide a genuine motivation to increase energy efficiency and trigger a learning process among citizens; this in turn contributes to:

- **Facilitate the use of smart meters** and foster better matching of consumption with the volatility of RE production, i.e., increases demand side flexibility;
- **Foster acceptance for the Energy Transition** esp. grid extension as well as installation of new production facilities, e.g., wind turbines and offering practical information to new actors, e.g. public procurers;
- **Accelerate the Energy Transition**, reducing emissions, the impact of energy production on climate and current externalities contributing to sustainability goals.

## Consumer Stock Ownership Plan (CSOP): Financing structure & phasing



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## REGIONAL SCOPE

The project focuses on five core countries representative for the EU in old and new EU Members States with differing prevalent political priorities, i.e., DE, IT, BG, PL, CZ.

In three of these countries the project will implement **a pilot consumer participation project**, namely in

- Italy, Susa Valley (biomass district heating),
- Poland, City of Słupsk (photovoltaics) and
- the Czech Republic, City of Litoměřice (photovoltaics).

In these pilot municipalities an existing renewable energy project at community scale will be extended to include local consumers/citizens with the active involvement of the local government body.

Germany as a pioneer in prosumership (42% of installed capacity were 2016 in citizens ownership) serves as reference country. Bulgaria, is central for developing an approach for the inclusion of households affected by fuel poverty.

The project addresses primarily the citizens and therefore energy consumers of local communities.

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## THE BENEFITS OF PARTICIPATING

In this project, participating **local/regional authorities** as well as **existing local energy projects** will be supported in enabling their citizens to become prosumers of renewable energy with the help of CSOP-financing.

They will receive:

- Legal and technical advice for a tailor-made participation model based on best practice;
- Support in engaging their local stakeholders and their public;
- Peer-to-peer exchange with other public authorities active in the project;
- Visibility as a front runner in renewable energy in Europe.

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For regular updates:

Project website [www.score-h2020.eu](http://www.score-h2020.eu)

Twitter feed [https://twitter.com/euv\\_kelsoprof](https://twitter.com/euv_kelsoprof)

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## SCORE CONSORTIUM

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# SCORE

Co-own. Prosume. Renew.

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Supporting  
Consumer  
Ownership in  
Renewable  
Energies



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