

Citizen-Led Solar Energy for Public and Private Buildings in Antony

Antony - France

Short description

The Local Green Deal (LGD) “Citizen-Led Solar Energy for Public and Private Buildings in Antony” aims to scale renewable solar energy in the city by combining municipal leadership with citizen involvement. The LGD supports the deployment of collective self-consumption (CSC) loops, including photovoltaic installations on municipal buildings, through cooperation with local cooperative Sud Paris Soleil and the association Antony Soleil. This initiative contributes to reducing emissions from buildings and supports energy independence, with additional community engagement in sustainability.



Industry/Sector

- Energy & Renewables

Parties of LGD/Participating parties

- City of Antony (Public Administration / Local Government)
- Association Antony Soleil (Local Citizens' Group / NGO)
- Sud Paris Soleil (Cooperative for Energy Transition)

Scope of LGD

- This LGD aims to expand citizen-led solar energy production across public and private buildings in the municipality. It includes launching a municipal solar

cadastre, installing photovoltaic panels on selected public buildings, and setting up a flagship collective self-consumption project involving a 60 kWp solar roof on the Val-de-Bièvre social and cultural centre. The deal strengthens citizen participation in the energy transition and helps decarbonise municipal infrastructure.

Concrete measures/commitments

City of Antony commits to

- Making municipal rooftops available for photovoltaic installations.
- Co-investing in the installation of solar panels on the Val-de-Bièvre roof (60 kWp).
- Facilitating access to data and buildings to support local solar projects.
- Promoting citizen engagement in energy transition activities.
- Funding source: Public, EU, and community investment
- Timeline/Deadline: 2024–2026

Antony Soleil commits to

- Coordinating citizen involvement in the LGD.
- Leading awareness-raising campaigns on collective solar energy and self-consumption.
- Supporting local residents and stakeholders in joining the energy transition.

Sud Paris Soleil commits to

- Developing and managing the CSC solar loops.
- Installing and operating solar photovoltaic systems on municipal and private rooftops.
- Facilitating the technical and financial modelling of projects. [text].

Collective Citizen Solar Self-Consumption in Antony

Antony - France

Short description

The Local Green Deal (LGD) in the City of Antony supports the implementation of collective citizen self-consumption (CCSC) loops for renewable solar energy. It brings together the city, the association Antony Soleil, and the cooperative Sud Paris Soleil to launch photovoltaic projects on municipal rooftops, starting with the Val-de-Bièvre school. This LGD contributes to the city's 2025–2030 Transition Plan, aiming to reduce greenhouse gas emissions and promote citizen engagement in sustainable energy.



Industry/Sector

- Energy & Renewables

Parties of LGD/Participating parties

- City of Antony (Public Administration/Local Government)
- Antony Soleil (Non-profit Association)
- Sud Paris Soleil (Citizen Energy Cooperative)

Scope of LGD

- The LGD aims to develop citizen-led solar energy production and self-consumption loops, starting with a 60 kWp photovoltaic installation on the roof of the Val-de-Bièvre school. It supports energy transition goals through renewable energy generation, social innovation, and citizen participation. The

project contributes to the city's CO2 reduction targets and expands the use of public infrastructure for climate-positive initiatives.

Concrete measures/commitments

City of Antony commits to:

- Financing and maintaining an online solar cadastre to promote solar installation potential across the city.
- Helping identify consumers with compatible energy profiles for optimal self-consumption rates in the CCSC loop.
- Conducting a structural study of the Val-de-Bièvre school roof to ensure installation feasibility.
- Providing the school rooftop for solar panel installation via a 20-year Temporary Occupation Agreement.
- Supporting communication and outreach to recruit citizens and funding partners for the project.

Antony Soleil commits to:

- Coordinating the project and ensuring technical and legal feasibility.
- Engaging all stakeholders to ensure financial, ethical, and participatory governance.
- Leading public outreach to raise awareness of renewable energy and attract citizen investors.
- Creating a legal structure to manage the CCSC loop democratically and transparently.
- Designing a demonstrator to educate other cities and regions about CCSC models.

Sud Paris Soleil commits to:

- Installing a 60 kWp photovoltaic system generating 57,000 kWh/year.
- Operating the solar plant over a 20-year period, ensuring long-term viability.
- Partnering with local contractors to deliver local economic benefits.
- Reducing CO2 emissions by 650 kg CO2-eq/year and supporting regional energy independence.