

BEST PRACTICE



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Incentive Programme for Solar Energy Generation

Barcelona, Spain - 1.6 million inhabitants

Governance –solar energy - democratisation

This project is part of a wide-ranging strategy that involves reclaiming energy sovereignty by promoting public and citizen energy production. This strategy aims to leave energy poverty behind thanks to a service that guarantees a basic supply of energy while preventing greenhouse gas emissions. Barcelona has a surface area of almost 8 million m² for capturing sunlight, through which around 1 191 GWh/year of solar photovoltaic energy and 5 945 GWh/year of solar thermal energy can be generated.

Project in a Nutshell

The Incentive Programme for Generating Solar Energy in Barcelona will use private and public investment in order to use roofs/public and private spaces to install solar energy during the 2017-2019 period. The goal is to achieve 950 kWp of installed power by encouraging city residents to invest in generation elements in their particular buildings.

Impact & Next steps

The City Council expects to facilitate these investments through incentives such as redevelopment grants and subsidies or tax allowances. It will also give city residents access to the support and accompaniment necessary for enabling, as far as possible, any citizen keen to generate energy from their home to become familiar with all the procedures and tools they have at their disposal

Replicability: Challenges & Success Factors

This programme represents a clear commitment to a change of model based on a distributed generation through the use of clean energies. It also sets the path for democratising energy and everyone's participation and involvement (authority, city resident, management) in the change of energy model. It will link the professional renewable-energies sector – which has been subject to limitations under the current legislative framework – with the increase in demand for installations and the creation of quality jobs. The aim is to ensure that self-consumption, self-production and renewable generation become an everyday matter.

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