

PROSUMER HIGHLIGHTS FROM ITALY

Short facts

- 20.1 GW of total PV installed as of 2018 (i.e. around 330 W per capita)
- Around 23 TWh of annual PV electricity production (data from 2017 and 2018)
- 20 to 25 Eurocents per kWh of total electricity price for a typical household
- No information on the number of operational energy communities available.

Best practices which have been identified

- In February 2020, a temporary law was released, allowing collective self-consumption and energy communities. This law should act as a test, waiting for the complete application of the European Renewable Energy Directive (RED II) in 2021. The rules also foresee an explicit incentive for the self-consumed electricity. All the details of this piece of legislation will be defined soon by ARERA, the national energy regulatory authority.

Important barriers which need to be addressed

- The economic sustainability of both self-consumption projects and energy communities is difficult to reach. Therefore, the spreading of such models will depend substantially also on the amount of incentives which will be decided upon.
- The multi-family house regulation is still too complicated to allow a massive diffusion of PV self-consumption in community models.

Foreseeable path for overcoming barriers and developing the framework for prosuming

- The technical, legal and economic details of the temporary legislation will be defined most probably before summer 2020. At the moment, ARERA has published a consultation document currently under revision by all the stakeholders.
- Then the complete legislation, transposing the RED II Directive, will be developed. If the testing period with the temporary legislation gives positive results, it is likely that many of the law features will be included in the final law.

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