



# The iDistributedPV prosumer model and Italy: a panel discussion

Milan, 31 January 2020



iDistributedPV was to develop affordable integrated solutions to enhance the penetration of distributed solar PhotoVoltaics in buildings, based on the effective integration of solar PV equipment, energy storage, monitoring and controlling strategies and procedures, active demand management, smart technologies and the integration of procedures in the power distribution system according to market criteria. The project built on the concept of “prosumer”: a player that consumes and produces electricity in his facilities. Throughout its life, the project has been the EU common place for enhancing the distributed solar PV: promoters, equipment manufacturers, DSOs, energy policy experts and R&D players worked together to develop affordable solutions, and produce business and management models for these solutions.

The most promising solutions developed integrate solar PV generation, energy solar PV production equipment, inverters, storage devices, smart technologies, active demand management approaches, monitoring strategies and procedures, grid operation procedures and criteria, and the relevant regulatory models. These solutions were validated according to an agreed evaluation framework in five different European real distribution grids, considering different climatic, regulatory and technical conditions: their investment and operative costs and the revenues due to the sale of electricity and/or the reduction of cost of electricity supply were evaluated.

The panel is to discuss the potential, the barriers and the regulatory implications of self-consumption based on solar renewables in Italy. Key issues include:

- The potential for prosumers
- The importance of energy demand management
- The role of storage systems
- Possibilities to value self-consumption
- Current Regulatory barriers in the EU with specific focus on Italy
- The impact of distributed generation on the reliable operation of distribution networks

# Agenda

**10.00-10.30 Registration**

**10.30-10.35 Opening address by *Luigi Mazzocchi*, RSE**

**10.35-11.00 *Lucia Dolera*, APPA, *iDistributedPV - Solutions for solarPV development in Europe***

**11.00-11.25 *Enrique Doheijo*, Deloitte Spain, *The impact of Distributed Solar PV on wholesale electricity market price - Evaluation of the Spanish Market***

**11.25 - 11.35 Coffee break**

**11.35 - 13.00 Panel discussion chaired by *Daniele Benintendi*, Novareckon**

- *Michele Benini*, RSE
- *Enrique Doheijo*, Deloitte Spain
- *Lucia Dolera*, APPA
- *Fabio Lorusso*, Italia Solare
- *Luigi Mazzocchi*, RSE
- *Alberto Stefanini*, Novareckon

**How to reach us:** the workshop will take place at: RSE, Via Rubattino 54, Milano

**The session may be remotely joined via WebEx:**

**iDistributedPV**

Date

**Friday, 31 January 2020**

Time

**10:00** | Europe Time (Rome, GMT+01:00)  
(access is allowed up to 15 minutes before the scheduled start time)

Meeting Number

**959 544 289**

Meeting Password

**6gErEaMV**

use the button on the side

to directly join the online meeting

or click the link on the side and browse RSE's

**<https://rsespa.webex.com>**

scheduled meetings

**By train:** from **CENTRALE FS** station: Taxi (less than 20 €) or take Metro Green Line (direction GESSATE or COLOGNO). Get off at LAMBRATE FS (railway station) - about 10 minutes. Then see below. From **LAMBRATE FS** station. You are about 2 km from RSE. You can take a taxi (about 7 €) or use the **bus # 39** to Redecesio from Bottini square, or the **# 924 bus**, from Piazza Monte Titano (opposite side of Bottini square, reachable through the tunnel of the FS station ). The cost is included in the ticket of the metro. Operates every 30 minutes (every 15 minutes or less during peak hours), stop "Tangenziale Est" (after the pylons of the ring road, traveling 8-10 minutes). From **GARIBALDI FS** station: 2 stops more than the Green Line to get to LAMBRATE FS.

**By plane:** from **MALPENSA:** Malpensa International Airport is located about 40 km northwest of Milan. Terminal 1 is connected with a railway line in Milan: Malpensa Express in about 40 minutes to the station **CADORNA FNM**. Some trains lead to **CENTRALE FS** station. From **CADORNA FNM Metro Green Line** (direction GESSATE or COLOGNO M.) leads to **LAMBRATE FS** in about 20 minutes (9 stops). See the instructions above ("If you get to Milan by train") as an alternative to the train, bus Malpensa Shuttle (bus stop outside the terminals) to the Station **CENTRALE FS** in about 60 minutes. The taxi from the airport of Malpensa has a fixed rate of 90 €, and you may run into problems of traffic on the ring roads. From **ORIO AL SERIO** (Bergamo) airport. Shuttle bus to **CENTRALE FS** station, about 1 hour.

**By car:** reach the Tangenziale Est, exit 7 "RUBATTINO". RSE is on your right going down the ramp.

## Registration

Please register by writing to **[Albe@Novareckon.it](mailto:Albe@Novareckon.it)** before Jan. 25th, 2020.

You will receive a written confirmation by e-mail.

*The project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No764452 (iDistributedPV)*

*The Commission is not responsible for any use that may be made of the information contained therein, the sole responsibility lies with the authors.*

