

**Decreto del Ministro
dell'Ambiente e della
Sicurezza Energetica
del 7 dicembre 2023,
n. 414**

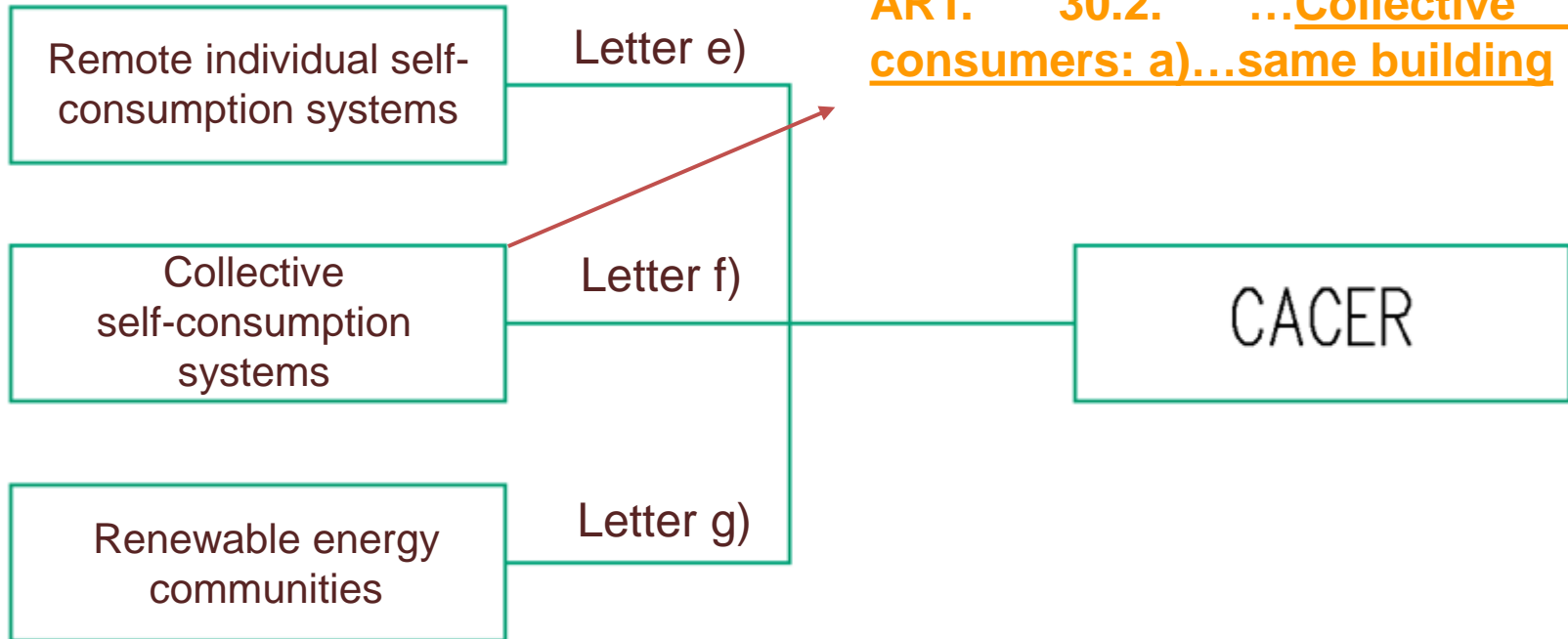
**(subsidies to Energy
Communities)**

GSE – GIUSEPPE DELL'OLIO

International Relations
October 2nd, 2024

Art. 2 (Definitions)

DL 8 novembre 2021 , n. 199
ART. 30.2. ...Collective self consumers: a)...same building



DL 8 novembre 2021 , n. 199
ART. 31.2....Renewable energy communities: c) connection to the same primary substation

What are Energy Communities (CER)?

- Groups of people who choose to join together to self-produce electricity from renewable sources
- They were created to provide environmental, economic and social benefits to members of the community
- They will help to achieve the 2030 decarbonisation objectives and to strengthen Italy's energy security path by enhancing the territory

Who can build a CER?

- Citizens
- Local authorities
- Associations and Third sector
- Apartment buildings
- Cooperative companies
- Religious organizations
- Small and medium-sized enterprises

What benefits from establishing an Energy Community?

Self-production of energy from renewable sources

Lower energy costs for citizens and businesses

New economic opportunities for the territory

The subsidies

- 1 Incentive tariff
- 2 Contribution to a non-repayable fund

The subsidies

1 Incentive tariff

- The whole national territory (from small town to big city) is eligible
- Savings on energy costs
- Incentive tariff on shared energy
- Maximum subsidized power: 5 GW by 31 December 2027

Integrated Text for Widespread Self-Consumption (“TIAD”)

- t) **shared electricity** is, in **every hour...**, the **minimum** between the electricity **injected** for the purposes of sharing and the electricity **withdrawn** for the purposes of sharing...

The subsidies

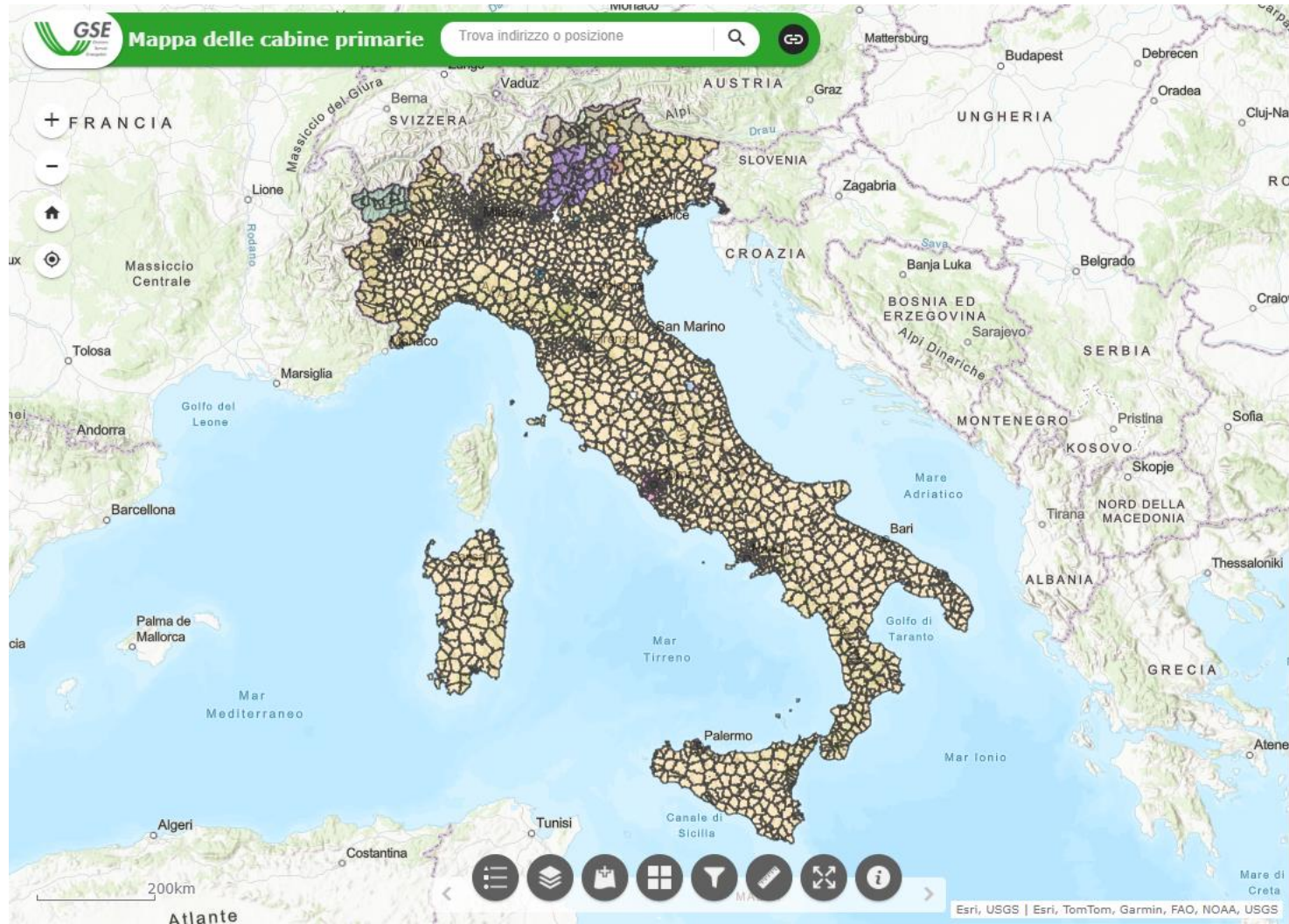
2 Contribution to a non-repayable fund

- Only towns with 5,000 inhabitants or less are eligible
- Contribution up to 40% of the investment
- PNRR resources: 2.2 billion euros
- Eligible power: at least 2 GW up to June 30, 2026
- Can be combined with tariff incentive

How to access the subsidies?

- Identify an area where the system can be built
- Associate with other users connected to the same primary (HV/MV) substation
- Establish the CER (*“Comunità Energetica Rinnovabile”*) with a Statute or a deed of incorporation; main corporate purpose should be environmental, economic and social benefits
- Optionally, check in advance with GSE if the project is eligible for the incentive
- Get permits to install and connect the system to the network, to make it operational
- Apply to the GSE for incentive

GSE interactive map



<https://www.gse.it/servizi-per-te/autoconsumo/mappa-interattiva-delle-cabine-primarie>

Incentive tariff: who is eligible?

Legislative decree no. 199 of 2021 stipulates that the incentive for energy electricity produced by RES plants in self-consumption configurations for energy sharing, can be granted to:

- Renewable energy communities
- **Collective self-consumption** systems from renewable sources
- **Individual remote** renewable energy **self-consumption** systems that use the electricity distribution network

Requirements for the granting of the incentive tariff

- Power of the single system, or of upgrading intervention: 1 MW or less
- The renewable energy community is established before the application for incentives
- The production plants and supply points that are part of the CERs are connected to the same primary substation
- CERs and other energy sharing configurations ensure:
 - exhaustive, adequate and preventive information to all final consumers about the benefits from tariff incentive
 - an annual report about the benefits resulting from the application of the incentive tariff
 - preliminary with the Energy Services Manager (GSE) if the project can be admitted to the incentive

Requirements for the granting of the incentive tariff

- If certain energy sharing thresholds are exceeded, resulting economic benefits should be allocated to members or partners of the CERs other than companies and/or used for social purposes affecting the territory where the plants are located

The incentive tariff

- Incentive tariff is invariable for 20 years
- Incentive tariff only applies to shared electricity
- Application to GSE to be submitted within 120 days of starting of plants operation
- Incentive tariff can be cumulated with non-repayable contribution up to 40%, without prejudice of the principle of prohibition of double financing (art. 9 of Reg. (EU) 241/2021)

The incentive tariff

- Power < 200 kW:
 - 80 €/MWh + (0 ÷ 40 €/MWh)
- 200 kW < power < 600 kW
 - 70 €/MWh+(0÷40 €/MWh)
- Power > 600 kW:
 - 60 €/MWh + (0 ÷ 40 €/MWh)

The incentive tariff

- Incentive tariff = Fixed part + Variable part
- The fixed part depends on the capacity of the system,
- the variable part depends on the energy market price (P_z)
- The lower the system power, the higher the incentive tariff
- The lower the electricity market price (P_z), the higher the incentive tariff

The incentive tariff

An additional tariff increase is granted to PV plants located in the Central and Northern Italy

- Central Italy (Lazio, Marche, Tuscany, Umbria, Abruzzo):
+ 4 €/MWh
- Northern Italy (Emilia Romagna, Friuli Venezia Giulia, Liguria, Lombardy, Piedmont, Trentino Alto Adige, Valle d'Aosta, Veneto):
+10 €/MWh

Requirements for non-repayable contribution (PNRR)

- The renewable energy community is established before the application for non-repayable contribution
- Power of each individual installation (or of the upgrading intervention): 1 MW or less
- Building of installations should only start after applying for contribution
- Permits to build and operate the plants have been obtained (where applicable).

Requirements for non-repayable contribution (PNRR)

- Possession of the estimate for connection to the electricity grid, where applicable
- Connection of the production plants and supply points to the same primary substation
- Applications no later than March 31st, 2025 (or the date when resources are finished, whichever is sooner)
- Entry into operation within eighteen months from the date of admission to the contribution but no later than June 30, 2026 (PNRR target)

TITLE III - PNRR BENEFITS

Art. 7 (Beneficiaries and eligible interventions)

Expenditures incurred for renewable source plants, including upgrades,... within the configurations... paragraph 1, are eligible for the capital contribution if the following conditions are met:

- a) existence of the requirements...in letters a) to g) of article 3, paragraph 2
- b) non-existence of the cases...in article 3, paragraph 3
- c) the start of the works occurs after the date of submission of the grant application...
- d) possession of the qualification for the construction and operation of the plant, where applicable
- e) ...**estimate** for **connection** to the electricity grid definitively **accepted**, where applicable

Eligible expenses and maximum limits of PNR contribution

The following expenses are eligible:

- construction of renewable energy systems
- supply and installation of storage systems
- purchase and installation of machinery, systems and hardware and software equipment
- building works strictly necessary for the implementation of the intervention
- **connection to the national electricity grid**
- feasibility studies and expenses necessary for preliminary activities
- designs, geological and geotechnical investigations
- work management and safety
- technical and/or technical-administrative testing, consultancy and/or essential technical-administrative support to the implementation of the project

Eligible expenses and maximum limits of PNR contribution

- The last four items of above can be financed to an extent not exceeding 10% of the amount admitted to financing.
- Maximum investment cost limits:
 - 1,500 €/kW, for systems up to 20 kW
 - 1,200 €/kW, for systems with a power exceeding 20 kW and up to 200 kW
 - €1,100/kW for power above 200 kW and up to 600 kW
 - 1,050 €/kW, for systems with a power exceeding 600 kW and up to 1,000 kW

TITLE II - INCENTIVES FOR ENERGY SHARING

Art. 6 (Cumulability of incentives)

- 1. The incentives...**can be combined** with **capital contributions** up to a maximum of 40 percent, in compliance with the...prohibition of double financing pursuant to art. 9 of Reg. (EU) 241/2021. In this case, the incentive is reduced according to the methods set out in Annex 1
- 2. ...the **incentive** tariffs **do not apply** to the shared electricity underlying the share of power of photovoltaic systems that has access to the **Superbonus**....

TITLE II - INCENTIVES FOR ENERGY SHARING

Art. 6 (Cumulability of incentives)

- When a non-repayable contribution (PNRR) is due in addition to the tariff, the tariff is calculated as follows:
- $TIP_{pnrr} = Tip * (1 - F)$
- F varies linearly between 0 (no PNRR contribution) and...0,50 (PNRR contribution amounts to 40% of investment).
- Such reduction does not apply to local authorities, religious organizations, third sector, environment protectionn organizations.

Annex 2: Eligible expenses

The following expenses are eligible:

- Construction works strictly necessary for the implementation of the intervention
- Connection to the national electricity grid
- Pre-feasibility studies and expenses necessary for preliminary activities, including expenses necessary to set up the configurations

Request for access to the service for widespread self-consumption (extract)

- *... IS AWARE*
- that any existing **feed-in** contracts relating to...production plants...included in the configuration will be **automatically terminated** with access to the service for widespread self-consumption
- that in the case of plants... for which... **Net Metering** agreements are active with the GSE, access to the service for widespread self-consumption... determines the **termination** and inclusion of such plants... in the configuration can only have effect starting from a date subsequent to the closing date of the Spot Exchange agreement

THANK YOU FOR YOUR ATTENTION

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