

Sheet: PROVA TV

Configuration personal data

Sheet name	PROVA TV
Type	Renewable Energy Community
Status	to be constituted
City (Province)	Brescia (BS)

Users and power plants of the configuration

User name	Category	POD name	No. POD same user	No. POD other users *	Type	Final use	Power plant (number of sections)
Vetreria 1	SME	POD1	1	0	prosumer	industrial	PV (1)
Condominio1	citizen	POD2	1	0	consumer	residential	

* POD con le stesse caratteristiche ma nella titolarità di membri diversi.

Photovoltaic power plants

User name (POD name)	Vetreria 1 (POD1)
Production unit	1
Producer *	Vetreria 1
Owner	same as producer
Plant status	not operational
Commissioning date	01-05-2025
Eligible for incentives	yes
Already incentivized under Art. 42 bis DL 162/2019	no
Power [kW]	900
Mandatory power [kW]	0
Installation type	on ground
Exposure 1 - power / tilt / orientation	900 kW / 23° / 0°
Exposure 2 - power / tilt / orientation	
Electricity selling strategy	Dedicated Withdrawal
Electricity price in free market [cent €/kWh]	
RID transferred to configuration	no
Yearly O&M costs [€/kW/year]	23
Extraordinary O&M costs [€/kW]	120

* Si assume che il produttore coincida con l'utente.
N.B. Eventuali dati indicati in grigio sono stimati.

Power plants - investment

User name (POD name)	Vetreria 1 (POD1)
Plant technology	photovoltaic
Production unit	1
Commissioning date	01-05-2025
Investment type	loan
Unitary investment cost [€/kW]	1200
Total investment [€]	1080000
Loan: share of investment costs [%]	10
Loan: interest rate [%]	2
Loan: duration [years]	10
Fee: type	
Fee: value	
Fee: duration [years]	
Final installment [€]	
TAN [%]	
EU subsidies	none
EU subsidy percentage	
Maximum reference cost [€/kW]	
Other non-EU subsidies	no
Non-EU subsidy percentage	
Maximum reference cost [€/kW]	
Subsidy percentage (for third-party producers)	
50% tax deductions	
Superbonus	

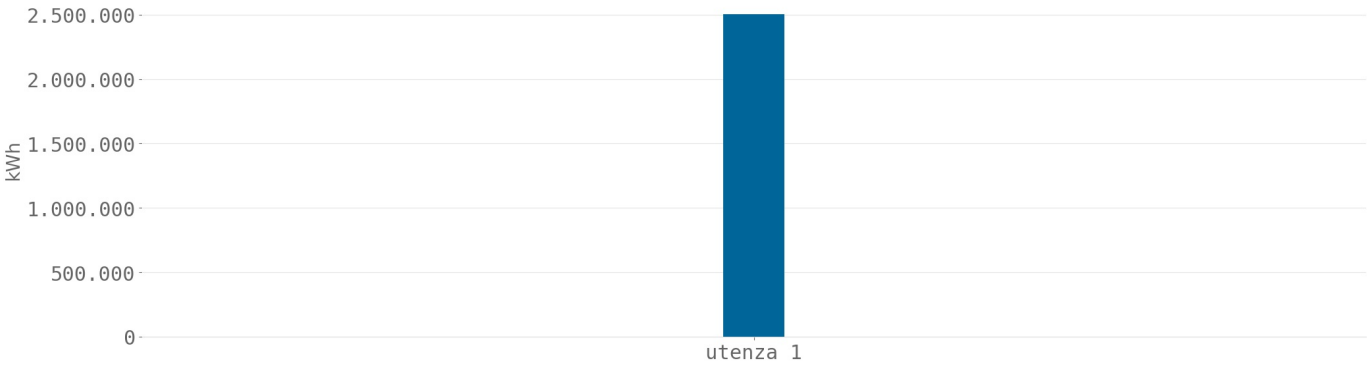
N.B. Gli impianti/UP sono ordinati per data di entrata in esercizio crescente.
Eventuali dati indicati in grigio sono stimati.

End customers

Username	POD name	Type	Power meter [kW]	Withdrawal availability	Final use	Electric energy price * [cent €/kWh]
Vetreria 1	POD1	prosumer	MT > 500	monthly	industrial	14,0
Condominio1	POD2	consumer	3	monthly	residential	

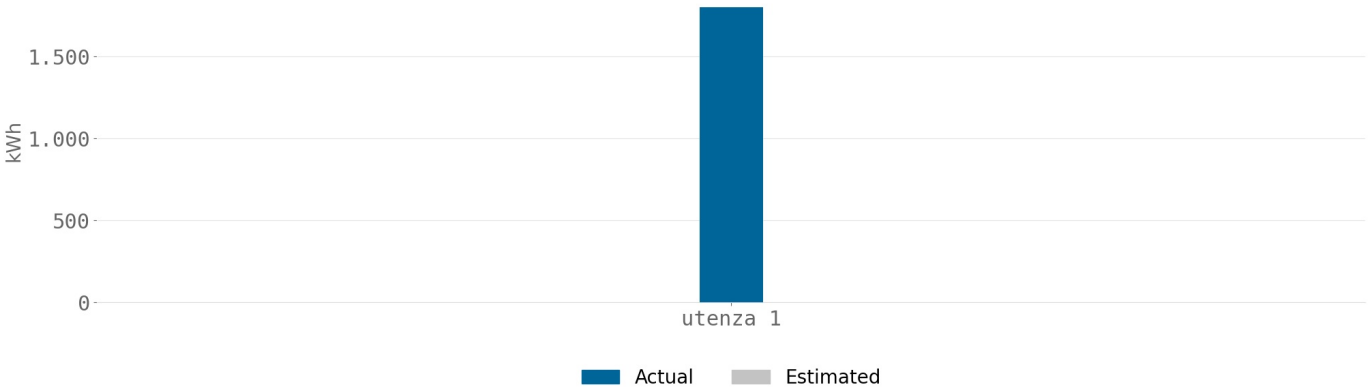
* Valore della quota energia (in euro/kWh) per la voce "spesa per la materia energia" ricavabile dalla bolletta, IVA esclusa.
N.B. Eventuali dati indicati in grigio sono stimati.

Annual withdrawals - Industrial utilities



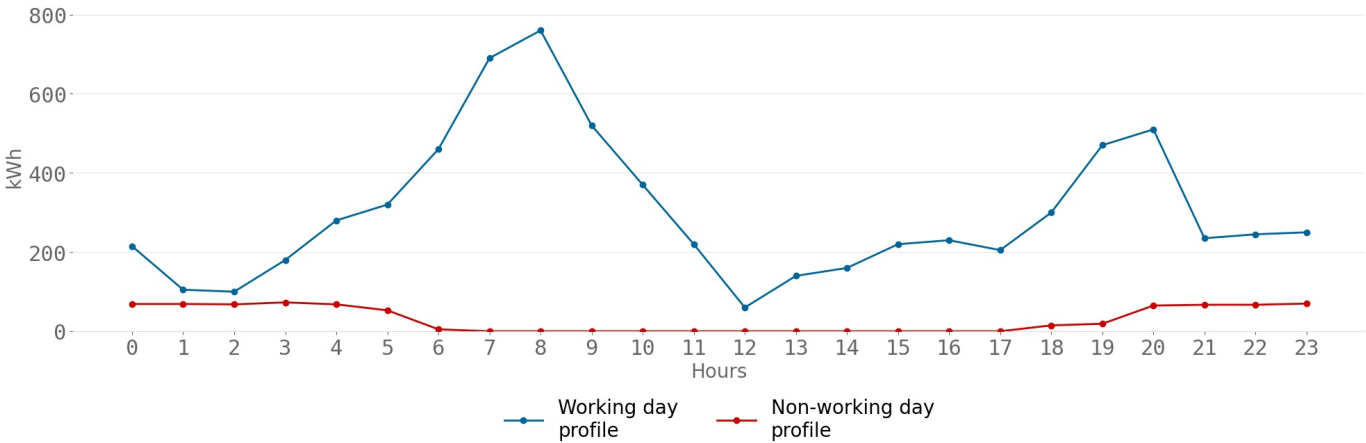
utenza 1: Vetreria 1 (POD1)

Annual withdrawals - Residential utilities



utenza 1: Condominio1 (POD2)

Profilo di consumo orario: Vetreria 1 (POD1)



Power plant parameters

Extraordinary maintenance frequency [years]:	
- Photovoltaic	11
- Wind	
- Hydroelectric	
Photovoltaic module efficiency reduction [%/year]	0,5

Financial parameters

Equity capital cost of configuration [%]	5
Inflation [%]	2

N.B. Eventuali dati indicati in grigio sono stimati.

Configuration costs

Constitution [€]	1000
Third-party services [€/year]	1500
Staff [€/year]	0
Fee to third-party Referent of configuration	
Measuring devices [€/unit]	100
Monitoring system [€/year/POD]	20

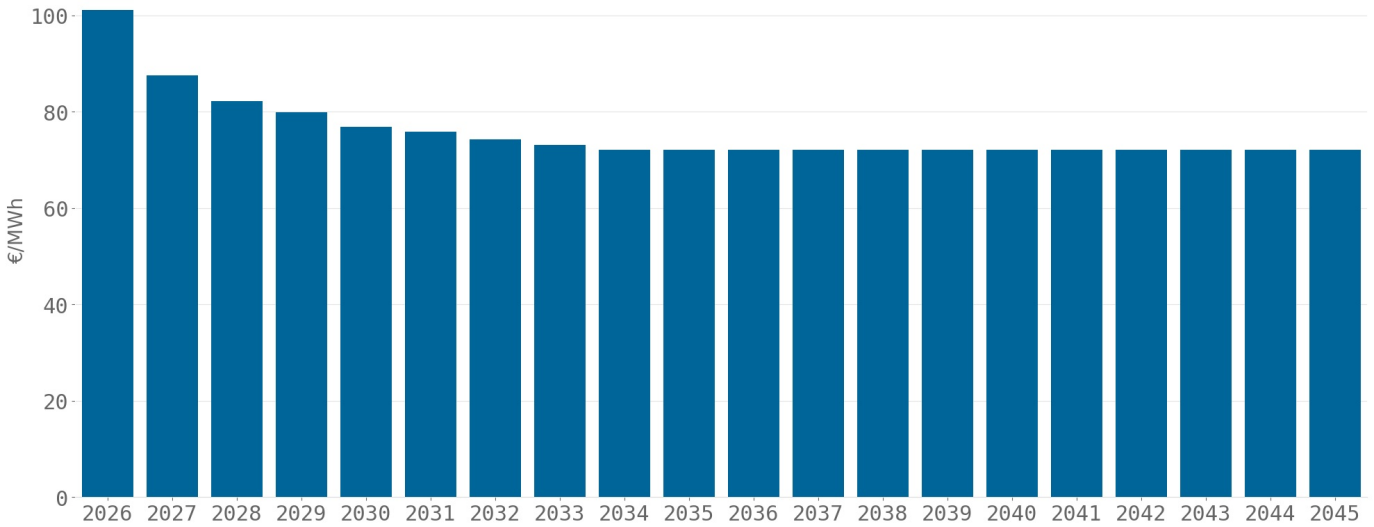
Membership fee

Registration [€]	
Yearly [€/year]	

Use of configuration's revenues

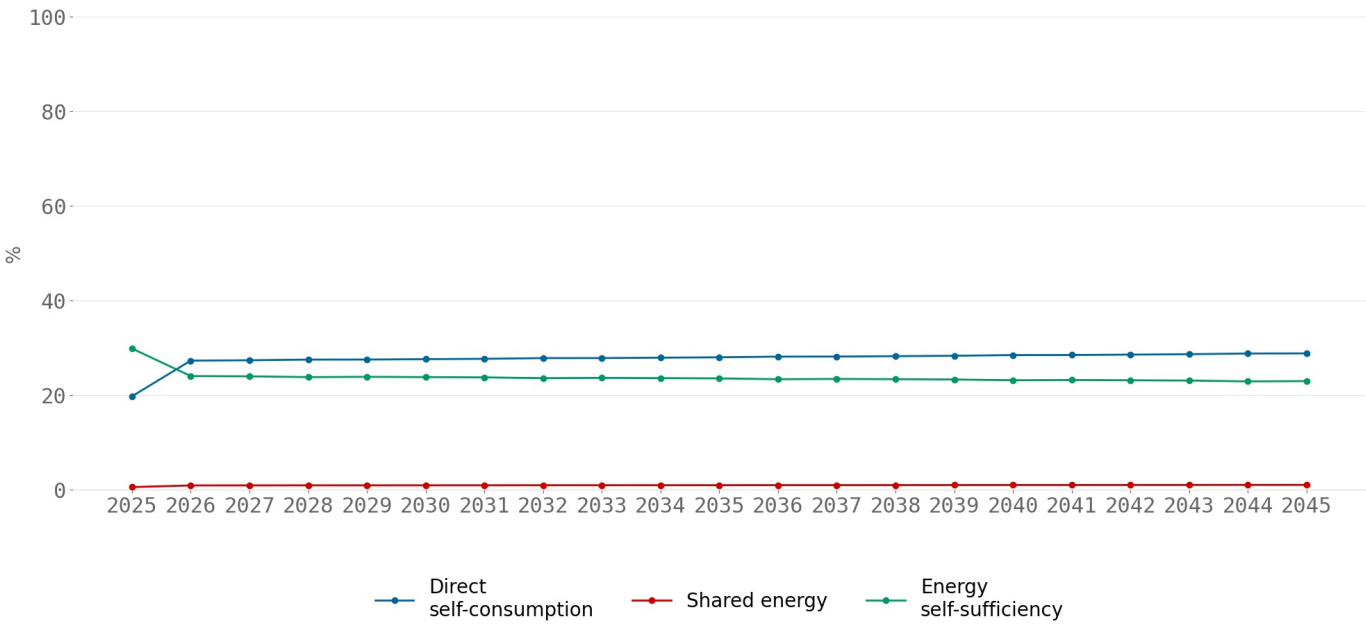
Calculation basis	Incentive and refund of charges
Use percentage [%]	20
Service supply percentage [%]	50

Average yearly reference electricity prices

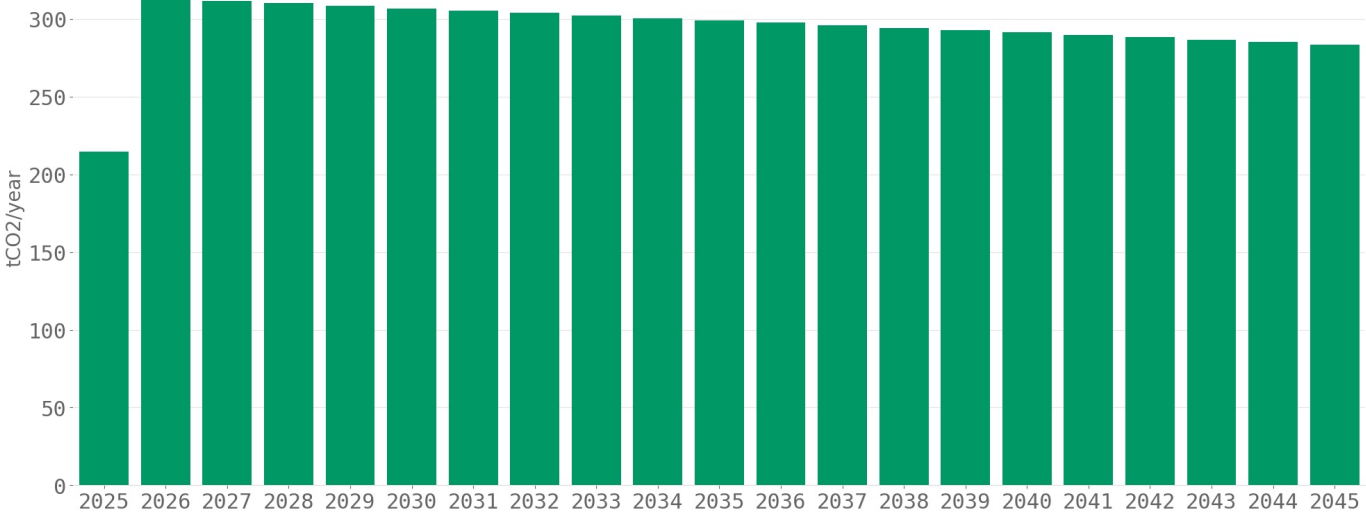


Risultati della simulazione

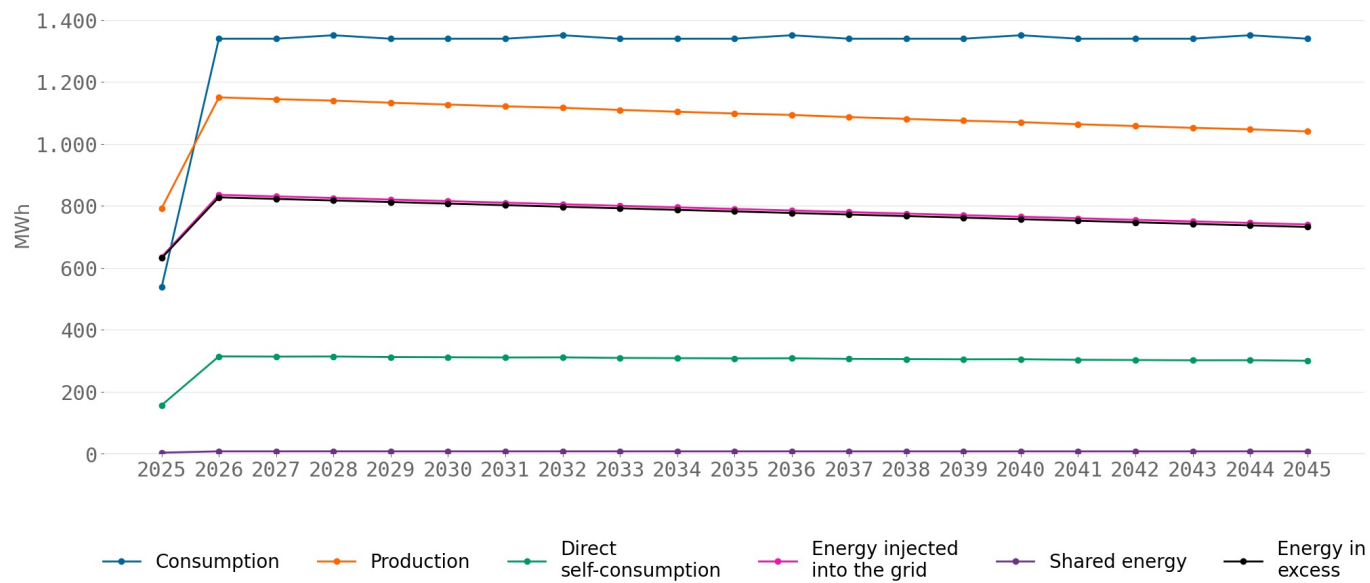
Configuration energy performance indexes



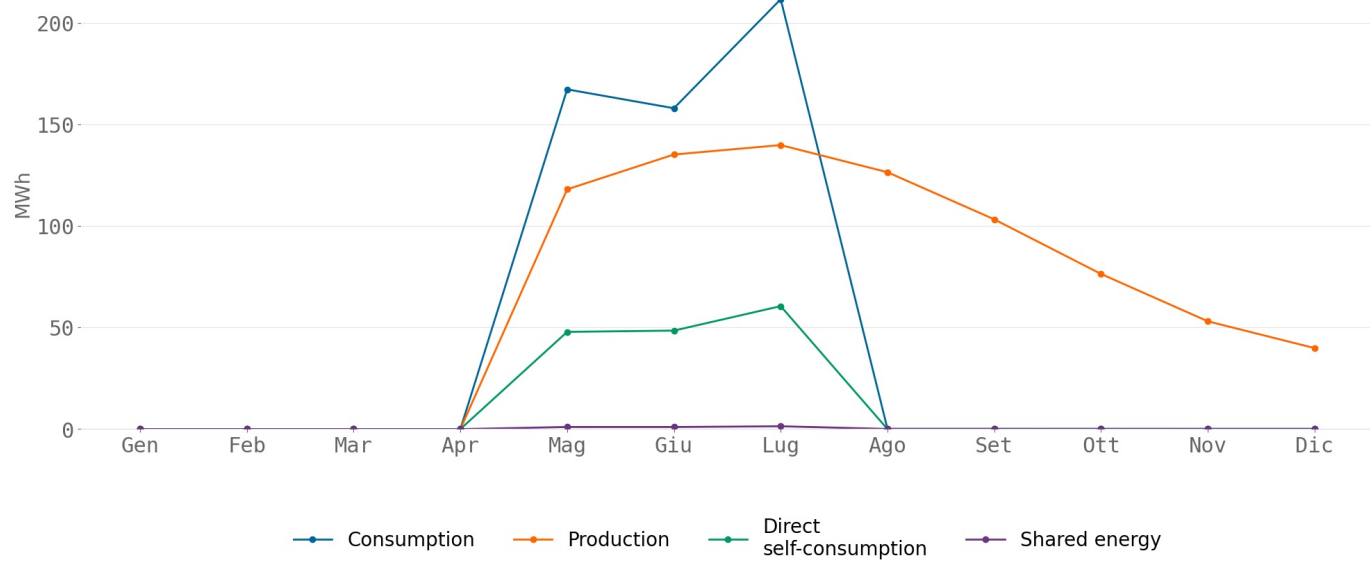
Yearly avoided CO2 emissions



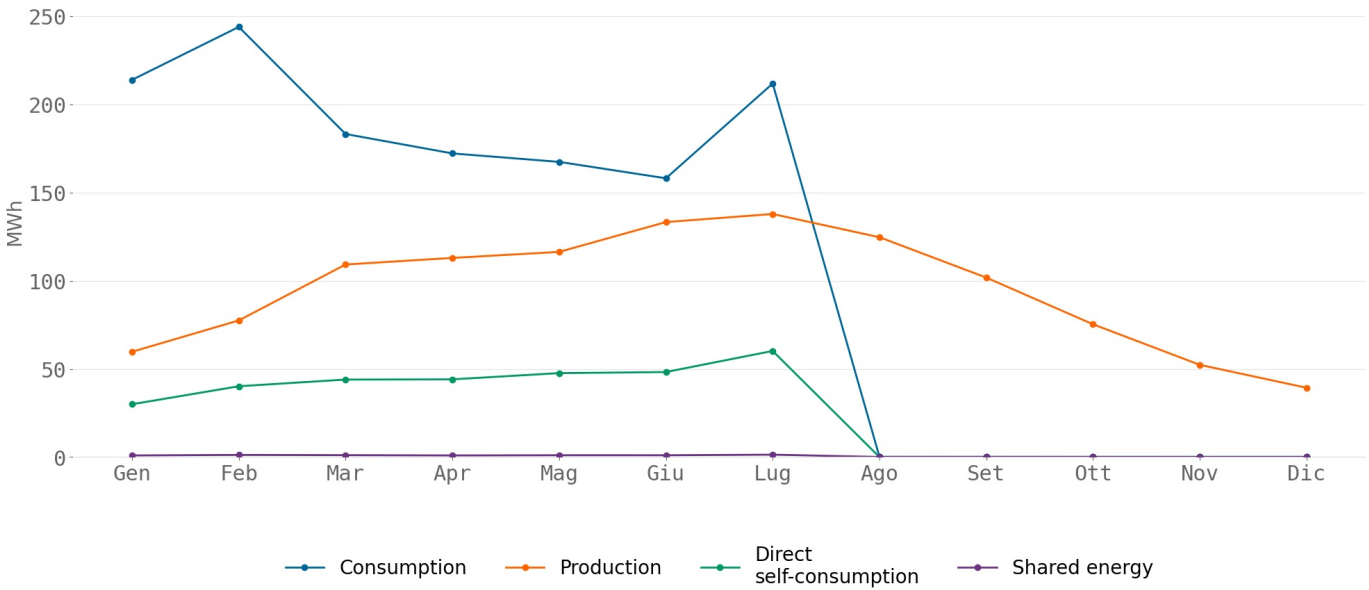
Yearly energy performance of configuration



Monthly energy performance of the configuration - year 2025



Monthly energy performance of the configuration - year 2028



Power plants available in the configuration

Total photovoltaic area

4500,0
m2

Total photovoltaic power

900,0
kW

Total hydroelectric power

0,0
kW

Total wind power

0,0
kW

Share of power from
existing power plants (in
operation before
12/16/2021)

0,0
%

Share of power eligible
for incentive

100,0
%

Financial performance indexes

NPV over 20 years

-9834,7
euro

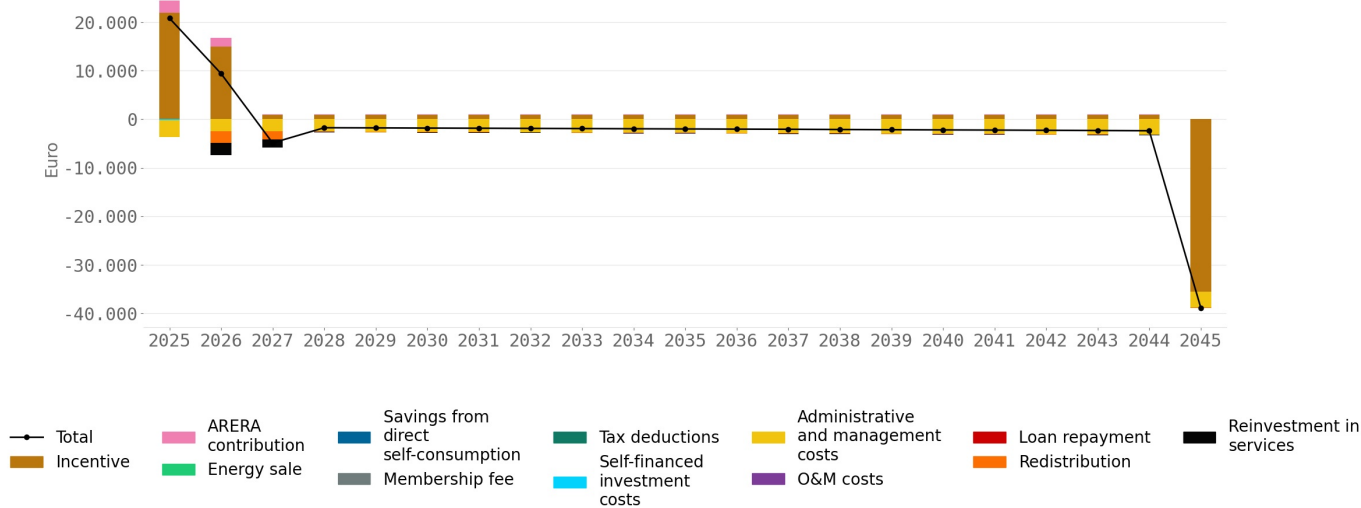
Internal Rate of Return

7,5
%

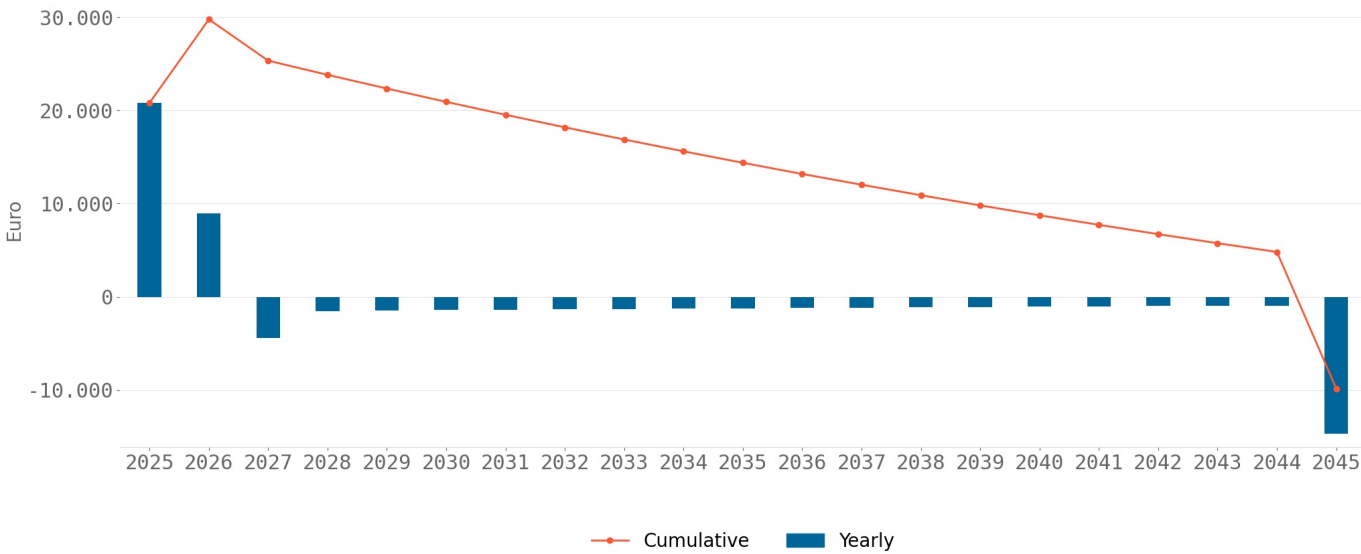
WACC

5,0
%

Non-discounted cashflows by type



Discounted cashflows



Liability limitations

RECON performs preliminary economic-financial simulations considering the potential contribution of public grants, incentives, and tax deductions. The estimates do not take into account any additional constraints set by the regulations governing the recognition of incentives, public grants, and tax deductions, which will be evaluated and subject to checks by the competent authorities according to the law, exclusively within the admission and control procedures, to be carried out in accordance with the relevant regulations. The results of RECON cannot be used in any way to make any claims against such authorities, including regarding the outcomes of the aforementioned procedures, nor can they be considered as verification of the requirements for accessing these incentives, grants, and tax deductions, nor can they create any expectation in this regard.