

5th AIEE Energy Symposium

Current and Future Challenges to Energy Security – energy perspectives beyond COVID19

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Regulatory challenges and market developments for Italy

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**We are the leading
association in Italy
representing the
electricity sector.**

Over 500 companies have chosen Elettricità Futura. Our members are of all dimensions, they are active in the production and sale of electricity from conventional and renewable sources, as well as distribution and supply of services to the sector.

70%
electricity market

75.000 MW
electrical capacity

40.000
workers

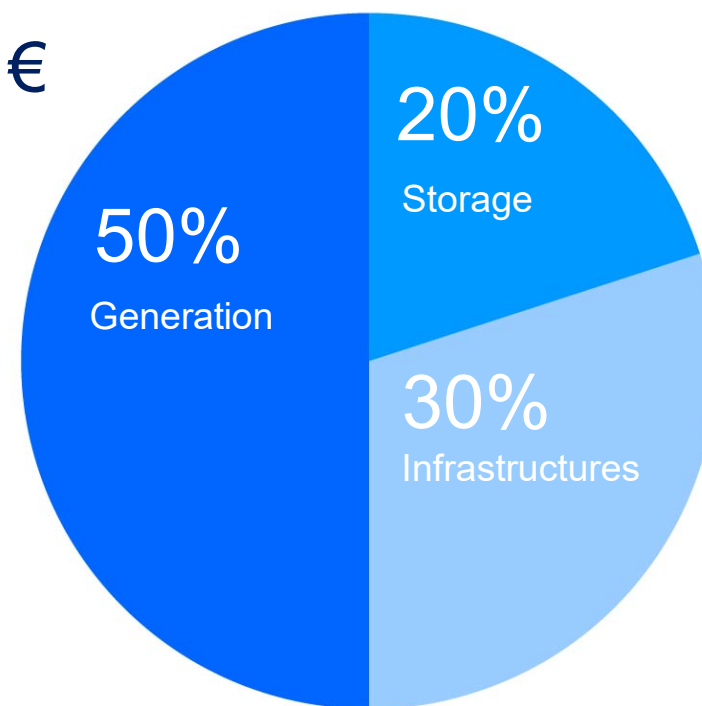
1.150.000 km
distribution lines

Green Deal key data for the electricity sector in Italy

Green Deal (-55% of CO₂ emissions by 2030) will result
in the next 10 years for our sector in:

90,000
New jobs

100 Billion €
Investments



Reaching the Green Deal: a new Italian scenario

To reach the Green Deal target, in Italy **70% of electricity consumptions must be covered by renewables energy by 2030.**

Due to energy efficiency and electrification, annual electricity consumption will be at level of **340 TWh by 2030.**

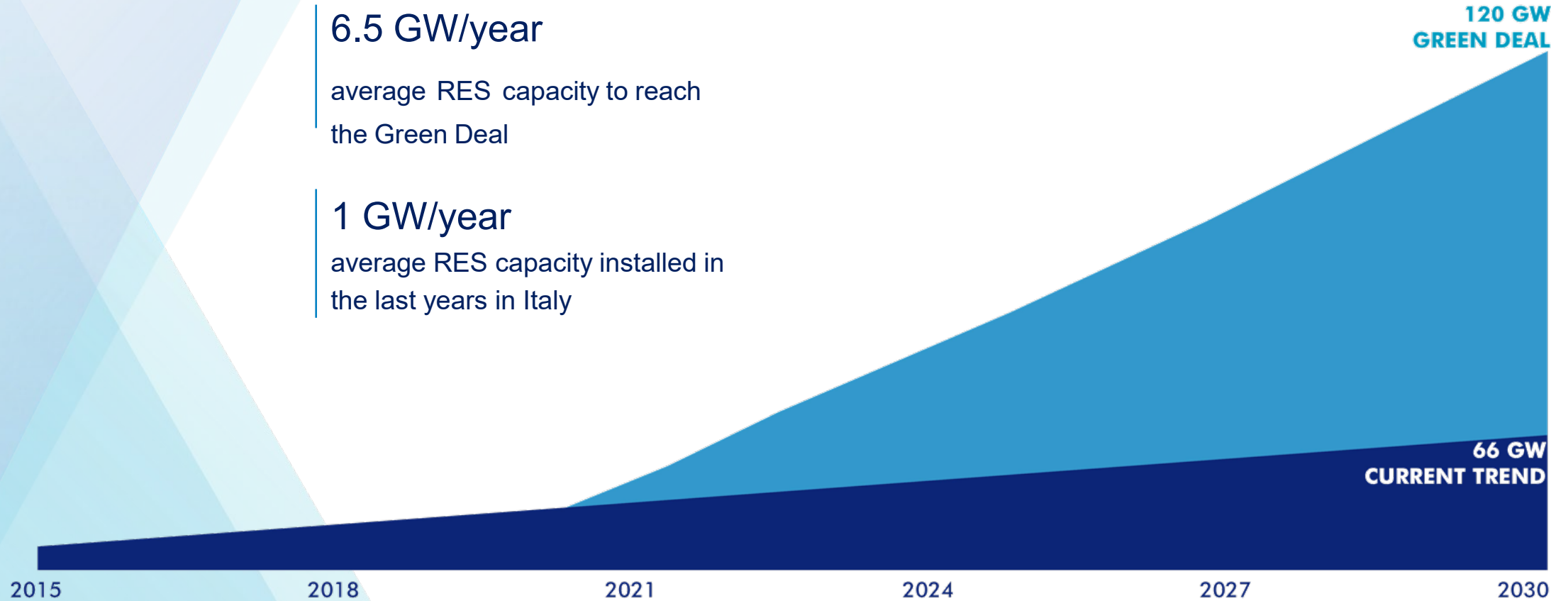
The Italian Government should update the national plan (PNIEC) towards the more ambitious European scenario:

65 GW of new renewables capacity;

Strengthening of **energy efficiency** policies;

Increase of renewables in the **mobility sector.**

At the current trend, the Green Deal target
will be achieved in the 2085



6.5 GW/year

average RES capacity to reach
the Green Deal

1 GW/year

average RES capacity installed in
the last years in Italy

To reach the Green Deal target,
some decisive steps are needed

Update the National Plan (PNIEC)

aligning it with the Green Deal target

Set targets for each Region

aligning them with the new PNIEC

Involve and make the permitting officers accountable

to achieve the renewables targets

Other proposals for unlocking permitting procedures

- Introduce clearer and uniform rules as well as simplified procedures to promote the **revamping and repowering of wind plants**;
- Eligibility of **uncultivated or abandoned agricultural** areas for GSE auctions for PV plants;
- Extend the **licenses for large hydropower plants** to encourage new investments and simplify permitting for small hydro;
- A **new RES decree** for the important contribution of bioenergy plants and other innovative technologies;
- **DM Controlli** approval and full alignment of the GSE activities with the «DL Semplificazioni»;
- Extension of GSE auctions towards 2030;
- Simplify the permitting of **Micro cogeneration plants**.

A new Market Design: secure, adequate and flexible

The grid must be able to accommodate the increasing share of renewable energy in the electricity system.

Security

Strengthen the grid, through a resilient system capable of being managed under the growing penetration of renewables.

Adequacy

Ensure sufficient production capacity, even considering the coal phase-out.

Flexibility

Call off dispatching services more and more efficiently, under a new Market Design suitable for the 2030 objectives.

We have few years to reach our targets.

We should make the permitting flow less complicated, set the new target, define a **New Market Design** that enables reaching **70% of RES share** of electricity consumption in Italy, ensuring at the same time **adequacy** and **security** of the system.

LA TRANSIZIONE ENERGETICA:
DALLE PAROLE AI FATTI!

Sostieni la campagna social
#GreenDealOra

