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The targets of the document's latest edition include: reducing final energy consumption by a total of 10 Mtoe by 2030; reaching a 28% share of renewables in total energy consumption by 2030, and a 55% share of renewables in electricity consumption by 2030; strengthening supply security; narrowing the energy price gap; furthering sustainable ...

Our research builds on the well-established potentiality of integrated and cross-sectoral (electricity, heat, transport...) energy system optimisation and simulation models by expanding their domain of application to multiple spatial and temporal scales.

In 2021, Italy issued EUR 2.2 billion in grants to promote self-consumption of renewables, encouraging renewable energy communities. The City of Magliano Alpi applied for access the incentive mechanism and established Italy's first renewable energy community in December 2020, under which it promotes innovative aggregation and governance ...

Italy is implementing several measures to improve the energy efficiency of residential and commercial buildings, with energy consumption already declining in this area. By 2030,

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The current energy crisis demonstrates that accelerating the clean energy transition can also improve energy security. Italy's energy sector is strongly reliant on fossil fuel imports from the Russian Federation (hereafter "Russia"), which in 2021 accounted for one third of total energy supply (TES) of fossil fuels.

Energy system of Italy Italy aims for carbon neutrality by 2050 and is on track to reach its 2030 targets for emissions reductions and energy efficiency, aiming to reach 30% of renewables in ...

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