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The Friuli Venezia Giulia energy strategy

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The Friuli Venezia Giulia Autonomous Region will face several energy challenges over the next years that include meeting the burden Sharing target of 12,7% of renewable energy in final energy consumption, shifting from a centralized to a decentralized energy system and improving energy efficiency in a wide range of economic sectors.

Despite the steady growth of RES- Electricity in the last years driven by the increase of solar PV and biomass and biogas, several constraints hinder the full deployment of renewables from the integration in the conventional electricity grids to stronger support of RES-Heat. An outlook of current RES share will also be discussed.

The ongoing regional energy plan addresses some of the key challenges. Some of the most strategic energy measures of the plan will include:

- 1) Support energy efficiency in public buildings, transport and industry
- 2) Overhaul the energy distribution system defining the main energy corridors and implementing smart grids
- 3) Support energy audits
- 4) Enhancing sustainable transport and in particular electric mobility and intelligent charging stations
- 5) Define the optimal energy RES and not RES mix and the use of local energy sources like biomass from sustainable short supply chains, hydropower and geothermal sources
- 6) Contribute to reducing regional GHG emissions.

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Figure 1: S. STEFANELLI

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