

ENEL S.p.a. is the main Italian power utility and actually manages in Italy more than 550 production plants, 500 of which are hydropower plants which provide more than 75% of the total electric energy from renewable sources, with a production greater than 30 TWh (50% of the national production). More than 200 hydropower plants are located within the Po river basin, with an installed "green" power of about 3000 MW, and their production is strictly related to the management of about 100 reservoirs. This easily explains ENEL's interest in the field of meteorological and hydrological modelling, as well in the prediction of extreme events and the analysis of the impacts of climate change on the hydro resource.

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