

PNRR and innovation, the challenge of the ecological and digital transition

Giorgio GRADITI - *ENEA, Dept. TERIN Director*

The National Recovery and Resilience Plans adopted by the European Commission, in July 2020 represent a temporary instrument that is the centerpiece of NextGenerationEU; for each Member State they set out a coherent package of reforms and public investment projects and also include actions to accelerate the ecological and digital transition. The benefits and impacts of the Italian Plan depend on the ability to use the financial resources made available (235 billion euros) to adopt sectoral and functional strategic actions to support sustainable economic and social development.

Italy's recovery effort outlined by the PNRR, which constitutes an extraordinary opportunity to accelerate the ecological transition with the gradual decarbonisation of all sectors, is developed through three strategic axes shared at European level: digitization and innovation, ecological transition and social inclusion.

The digitalization and innovation of processes, products and services represent a key factor to boost the national growth and competitiveness, considering the delay accumulated at national level in this field, both referring to citizens' digital skills and to the digitalization of system manufacturing and public services.

The ecological transition is also a fundamental element for the new development model of the Italian and European economy and has some main objectives: reduction of polluting emissions; green transition; reduction of the impact of production activities on the environment in order to improve the quality of life; the circularity and biodiversity of resources; environmental safety.