Geometra 2030: Challenges and Insights in Spatial Planning for the Italian Surveyors

Cromwell Manaloto, Luca Dal Buono and Daniele Brancato (Italy)

SUMMARY

Our society, as we know it, has changed a lot in the last three years. With natural calamities and anthropogenic disasters on one end, and advancing technologies on the other, we developed a different sense on how we live our homes, our environment, our workplace, our surroundings, and the world in general.

In Italy, a National Plan for Resilience and Recovery (PNRR) was introduced in 2020. PNRR is a collective form of investment grants and reform packages amounting to €. 750 billion and is part of the Next Generation EU program, thus its main goals are coherent to the latter's three strategic axes namely: digitization and innovation, ecological transition, and social inclusion. At the local level, PNRR revolves around the following six key areas, or "missions": 1) Digitization, Innovation, Competitiveness, Culture; 2) Green Revolution and Ecological Transition; 3) Infrastructure for Sustainable Mobility; 4) Education and Research; 5) Inclusion and Cohesion; and 6) Health.

Our paper will assess possible outlets in which, Italian surveyors can play a significant role in projects that can be supported by funds from the PNRR, how the Consiglio Nazionale dei Geometri e Geometri Italiani of Italy (CNGeGL) are supporting its constituents through the Geometra 2030 project, and what are the first challenges that were encountered in this program.

Moreover, we will illustrate the first effects of Superbonus 110%, a nationwide government initiative that allows citizens to undertake energy efficiency and seismic improvement project with almost zero cost through unprecedented fiscal breaks. Through open data available, a GIS analysis of Superbonus 110% projects on sample city like Bologna, we will determine if how initiatives under PNRR are affecting a city's design and its citizens' perception towards a more catastrophe resilient society.

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