

AGENDA 2030 x GEOMETRA 2030:

challenges and insights in spatial planning for the Italian Young Surveyors

Cromwell Manaloto

















10 disuguaglianzi





















SDGs

Geometra 2030



Piano Nazionale di Ripresa e Resilienza #NEXTGENERATIONITALIA



SDGs

PNRR

Geometra 2030



The National Recovery and Resilience Plan (*Piano Nazionale di Ripresa e Resilienza*, PNRR) is part of the Next Generation EU (NGEU), which has a duration of six years, from 2021 to 2026. Half of the allotted budget is in form of grants, while the remaining half are in low interest loans.

The Plan is developed around three strategic axes shared at a European level: digitisation and innovation, ecological transition, and social inclusion. It is an intervention that aims aims at repairing the economic and social damage caused by the pandemic crisis, contributing to addressing the structural weaknesses of the Italian economy, and leading the country along a path of ecological and environmental transition. The PNRR aims also to substantially <u>contribute in reducing</u> territorial, generational and gender gaps.























Workshop Joint FIG Commissions 3 and Athens – 13th and 14th December 2022





#NEXTGENERATIONITALIA

DIGITISATION, INNOVATION, COMPETITIVENESS, CULTURE



100% of people connected by 2026



Fast connections for 8.5 million families and businesses



Optical fibre to an additional 9,000 schools through 'Scuola connessa'



Connectivity in 12,000 NHS delivery points



A digital approach for the relaunch of tourism and culture

MISSION 1

MISSION 2

MISSION 3

MISSION 4

MISSION 5







Lalia RECOVERY AND RESILIENCE PLAN

#NEXTGENERATIONITALIA

GREEN REVOLUTION AND ECOLOGICAL TRANSITION

- Waste recycling enhancement >> + 85% paper + 65% plastic materials
- + 55% electric material

 - + 100% textile material
- Reduction in drinking water leakage on water networks
- An additional 50,000 more efficient private and public buildings for a total of 20 million square metres
- Support for research on the use of hydrogen in industry and transport

MISSION

MISSION 2

MISSION 3

MISSION 4

MISSION 5









Italia RECOVERY AND RESILIENCE PLAN domani

#NEXTGENERATIONITALIA

INFRASTRUCTURE FOR SUSTAINABLE MOBILITY

- Updating and enhancement of regional railway networks
- Reduced time on railway lines



Rome-Pescara 1h20min Naples-Bari 1h30min Palermo and Catania 1h Salerno-Reggio Calabria 1h





MISSION 1

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MISSION 3

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MISSION 5



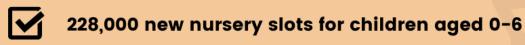
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RECOVERY AND RESILIENCE PLAN

#NEXTGENERATIONITALIA

EDUCATION AND RESEARCH



100,000 classrooms transformed into connected learning environments

School renovations for a total of 2.4 million square metres

Wiring of 40,000 school buildings

6,000 new PhDs as of 2021

MISSION 1 MISSION 2 MISSION 3 MISSION 4 MISSION 5 MISSION 6









INCLUSION AND COHESION

#NEXTGENERATIONITALIA



A national programme to ensure worker employability (GOL)



Support for women's enterprises through 'Fondo Impresa Donna'



More support for people who are vulnerable, non-self-sufficient or live with disabilities



Infrastructural investments for Special Economic Zones



MISSION 1

MISSION 2

MISSION 3

MISSION 4

MISSION 5







#NEXTGENERATIONITALIA

HEALTH



1,288 community homes and 381 community hospitals for proximity assistance



Home care for 10% of people aged 65 or more



602 new Local Operational Centres for remote assistance



More than 3,133 new large pieces of equipment for diagnostics and care

MISSION 1 MISSION 2 MISSION 3 MISSION 4 MISSION 5 MISSION 6









https://www.cngegl.it/





The Geometra 2030 project, a campaign promoted by the Consiglio Nazionale Geometri e Geometri Laureati is aimed at making professionals in the construction industry aware of the themes and values of sustainable development, providing them with the most appropriate tools to guide the project activity towards the strategic objectives indicated by the National Recovery and Resilience Plan (PNRR), the UN 2030 Agenda for Sustainable Development, the European Green Deal, the Integrated National Plan for Energy and Climate 2030.

The objectives represent key ideas for the development of sustainable building, to guarantee structural and technological integration between buildings, infrastructures and open spaces; the balance between human needs and those of nature and the environment; while still remaining compliant with a constructive paradigm based on building and energy redevelopment that responds to citizens' demands for environmental quality, health and safety.



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I am lost. What is my niche in all these?

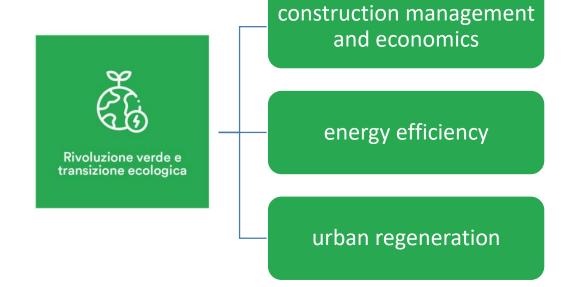


simplification and streamlining of building processing

GIS, Cadastre

elimination of architectural barriers

mapping for tourism and culture





Thank you for your attention!

Geom. Cromwell Manaloto - Italy