

# ATHENS WORKSHOP



Workshop Joint FIG Commissions 3 and 8  
Athens – 13th and 14th December 2022



## AGENDA 2030 x GEOMETRA 2030: challenges and insights in spatial planning for the Italian Young Surveyors

Cromwell Manaloto





PROGETTO  
**GEOMETRA  
2030**

SDGs

Geometra 2030





## Piano Nazionale di Ripresa e Resilienza

#NEXTGENERATIONITALIA

PROGETTO  
**GEOMETRA  
2030**

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 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 contribute in reducing territorial, generational and gender gaps.



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Digitalizzazione,  
innovazione,  
competitività e cultura



Rivoluzione verde e  
transizione ecologica



Infrastrutture per una  
mobilità sostenibile



Istruzione e Ricerca



Inclusione e Coesione



Salute





# RECOVERY AND RESILIENCE PLAN

#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

MISSION 6



# RECOVERY AND RESILIENCE PLAN

#NEXTGENERATIONITALIA

## GREEN REVOLUTION AND ECOLOGICAL TRANSITION

- Waste recycling enhancement** >>
  - + 55% electric material
  - + 85% paper
  - + 65% plastic materials
  - + 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 1	MISSION 2	MISSION 3	MISSION 4	MISSION 5	MISSION 6
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# RECOVERY AND RESILIENCE PLAN

#NEXTGENERATIONITALIA

## INFRASTRUCTURE FOR SUSTAINABLE MOBILITY

- ✓ Updating and enhancement of regional railway networks
- ✓ Reduced time on railway lines
- ✓ Investments in green ports

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

MISSION 1

MISSION 2

MISSION 3

MISSION 4

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# RECOVERY AND RESILIENCE PLAN

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## EDUCATION AND RESEARCH

- ✓ 228,000 new nursery slots for children aged 0-6
- ✓ 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



Ministero  
dell'Economia  
e delle Finanze



# RECOVERY AND RESILIENCE PLAN

#NEXTGENERATIONITALIA

## INCLUSION AND COHESION

- ✓ 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

MISSION 6



# RECOVERY AND RESILIENCE PLAN

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## 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
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Consiglio Nazionale Geometri e Geometri Laureati

HOME CNGEGL GEOMETRA 2030 SUPERBONUS 100%

# GEOMETRA 2030

INFORMARE E SENSIBILIZZARE  
AI TEMI E AI VALORI  
DELLO **SVILUPPO SOSTENIBILE**

<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



- construction management and economics
- energy efficiency
- urban regeneration



**Thank you for your attention!**

Geom. Cromwell Manaloto - Italy

