

Boosting Adaptation to Climate Change

Stefania Manca
Genova

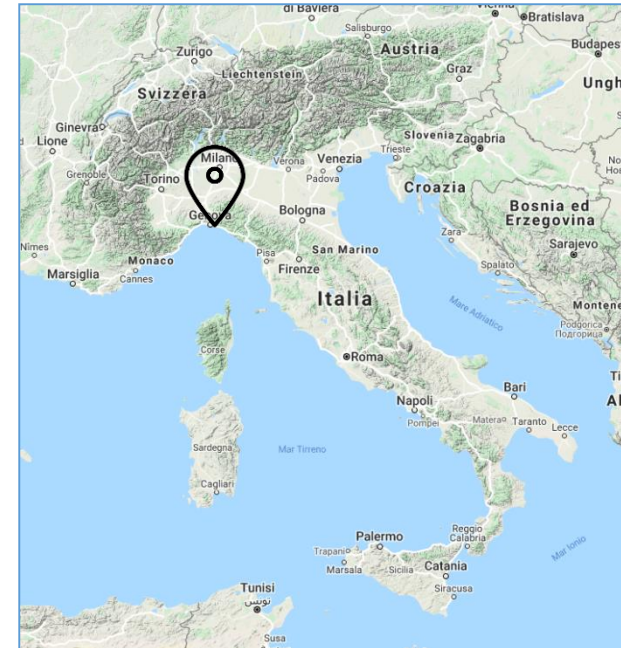


ZELÉNE PRAKSE MEST **GREEN** URBAN ACTIONS



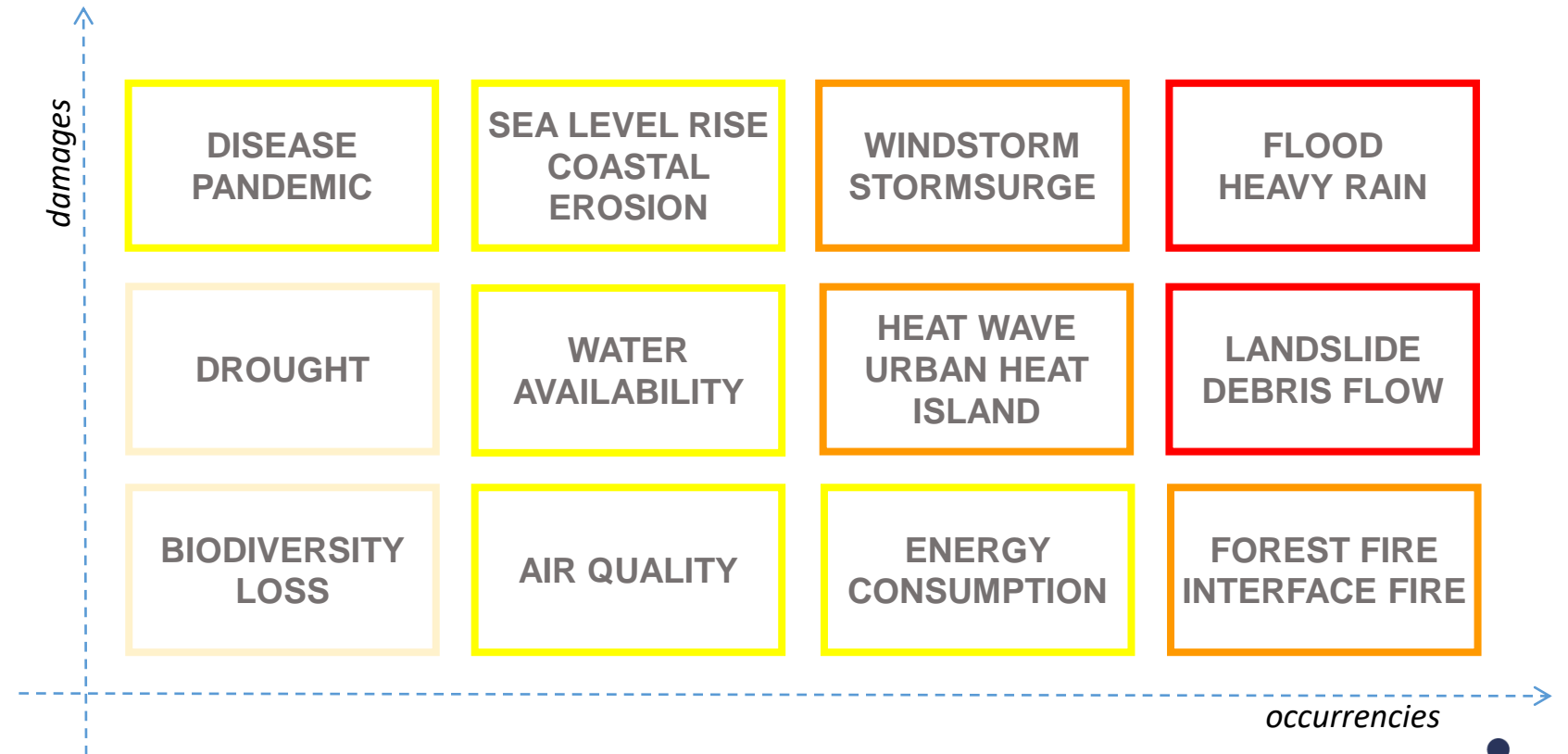
The City of Genoa

- Capital city of the Liguria Region
- Surface: 243sqkm
- Population: 582.000
- 65 river basin in urban area
- Coastal line of 30km
- City stretch along the coast between the the Appenine Mountains and the Ligurian Sea



Climate-related Risks summary in Genoa

Current situation,
expected to worsen in the
next mid-long-term
period



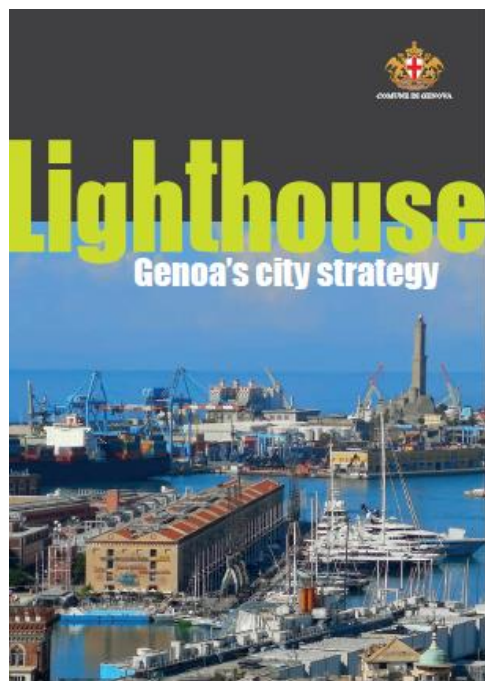
Results achieved thanks to the Urban Agenda experience



Start 2017
End 2021

STRATEGY

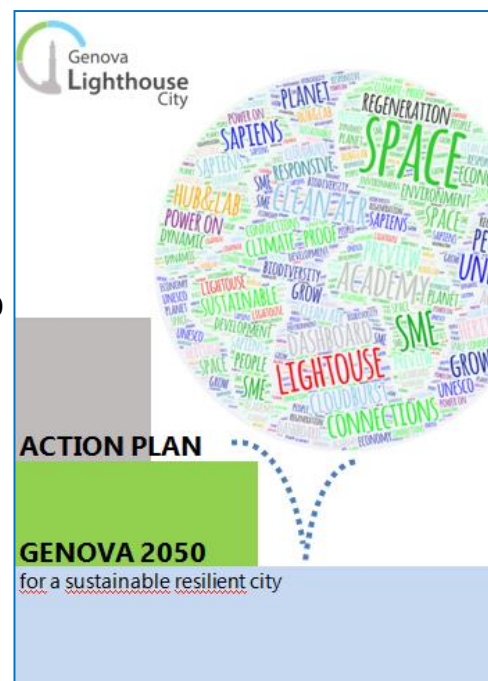
Resilience City Strategy



2019

ACTIONS

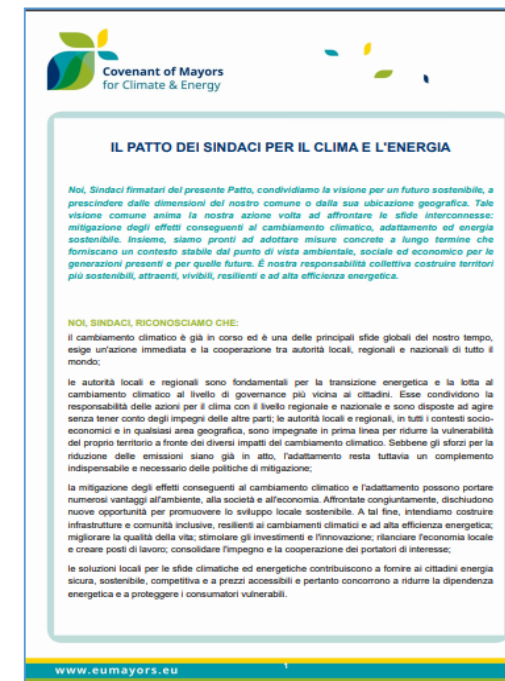
15 Actions on the ground



2020

SECAP

Sustainable Energy Climate Action Plan



2020

ZELÈNE PRAKSE MEST **GREEN** URBAN ACTIONS



Case 1. economic appraisal of adaptation investments

- Cost benefit and value of adaptation
- Adaptation economic analysis of chosen case studies
- Guidance document on the use of urban adaptation economics



CHALLENGES

Biodiversity loss Flooding Habitat loss Heat stress Pollution Scarcity

SOLUTIONS

Green spaces Green walls and Roofs Permeable Pavements Reforestation Rivercourse daylighting Stormwater Retention ponds Vegetated floodway



GENOVA'S DEMONSTRATION SITES

LAGGACCIO

Nature-based solutions will be concentrated in Genova's Laggaccio district, which is a central and densely populated district characterised by disorganised post-war urbanisation mainly formed by residential multi-storey buildings and street sites.

www.unalab.eu
www.facebook.com/UNALAB.EU
www.linkedin.com/company/11211993

UNaLab
CONSORZIO DI GENOVA



Case 2. Building Resilience through Data Mining

Access to satellite data to improve climate resilience to cultural heritage and forestry assessment



European Commission
Joint Research Centre

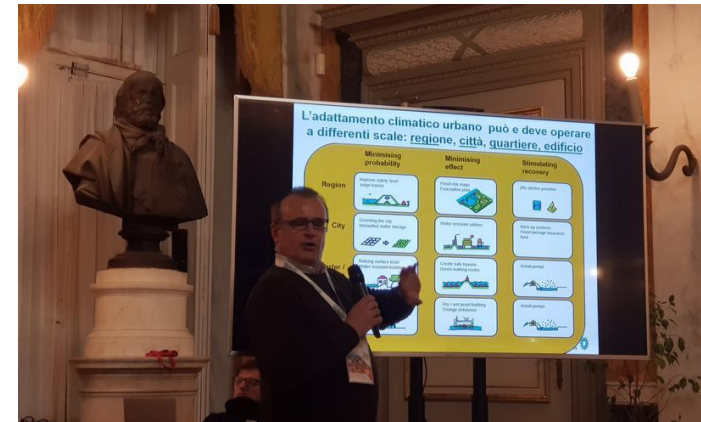


ZELÉNE PRAKSE MEST **GREEN** URBAN ACTIONS



Case 3. Capacity Building & soft Skill

- Training academy for local politicians and decision makers
- Training the trainer with sub national municipality associations

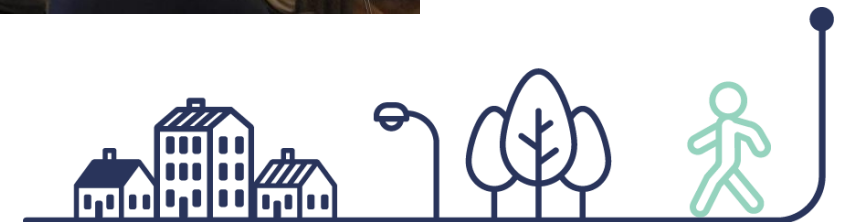


Process: shift challenge into opportunities



Participatory approach Building Resilience
with engaged citizens

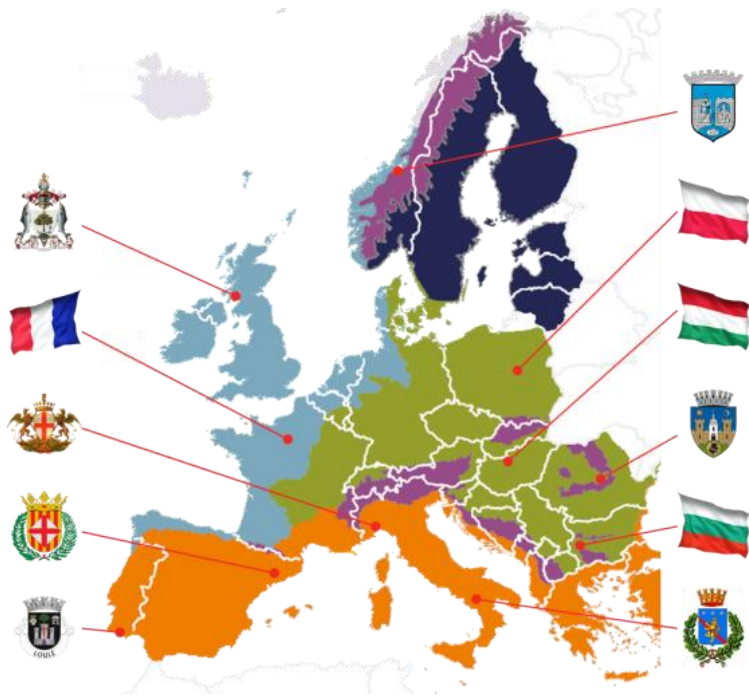
Legacy: learning from the past, studying
the future, prepare, anticipate, prevent



Urban Agenda

Climate Adaptation Partnership

Goal: to anticipate the adverse effects of climate change and take appropriate action to prevent or minimise the damage it can cause to Urban Areas.



Member States	Local Authorities	European Commission	Other EU Organizations	Stakeholder officially engaged
FRANCE	GENOVA (IT) - Coordinator	DG REGIO	EUROCITIES	EEA
POLAND	BARCELONA Diput. (ES)	DG CLIMA	CEMR	JRC
HUNGARY	GLASGOW (UK)	DG ENV	EIB	CoMo
BULGARIA	TRONDHEIM (NO)	DG RTD	URBACT	
	LOULÈ (PT)			
	POTENZA (IT)			
	SFANTU GHEORGHE (RO)			



Thank you...

Stefania Manca

Genova



climadapt@comune.genova.it



[Genova Lighthouse City](#)



[@ResilientGenoa](#)



[Urban Agenda - Climate Adaptation Partnership](#)



ZELÉNE PRAKSE MEST **GREEN** URBAN ACTIONS

