

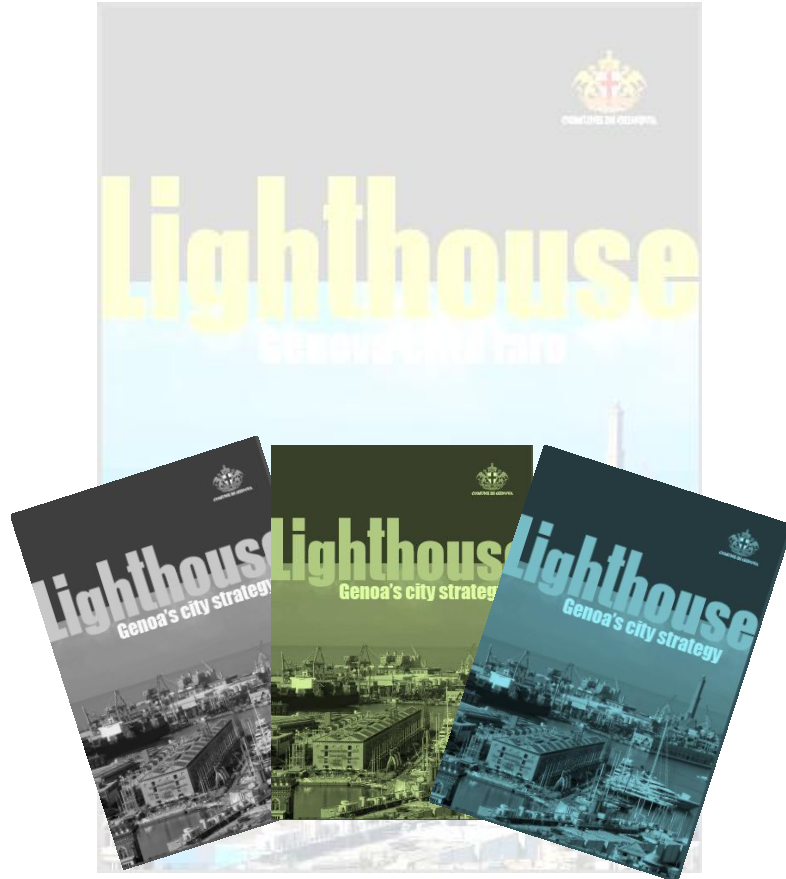


COMUNE DI GENOVA

ACTION PLAN GENOVA 2050

for a sustainable resilient city





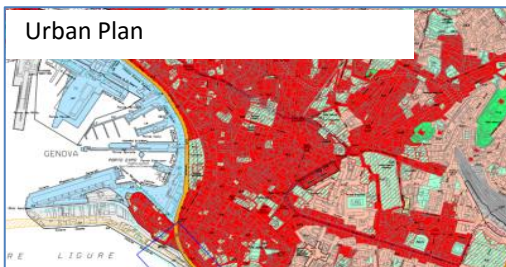
If we can not control the volatile tides of changes, we can learn to build better boats.

We can design – and redesign – organizations, institutions, and systems to better absorb disruption, operate under a wider variety of conditions, and shift more fluidly from one circumstance to the next.

Andrew Zolli e Ann Marie Healy

Paths towards Genoa Lighthouse City Strategy's Heritage

From planning documents required by
law and regulations.....



Civil Protection emergency Plan

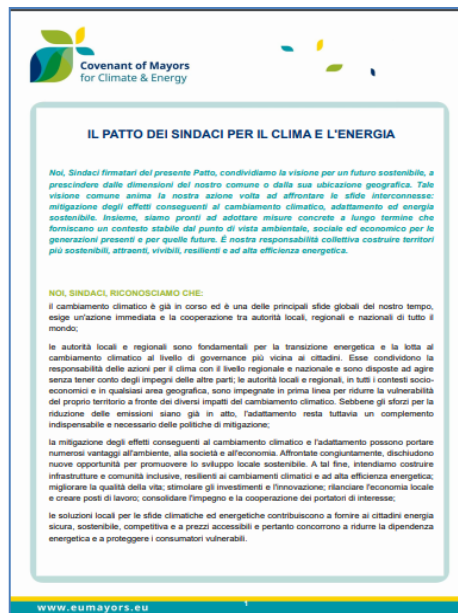
Allegati

- Relazione generale (DCC n. 4/2020)
- Piano Operativo di Protezione Civile Comunale - (DGC-2019-375)
- Schema Operativo per Rischio Meteo Idrogeologico (DCC n. 40/2015)
- Schema Operativo per la Gestione dell'Emergenza Neve (DCC n.45/2016)
- Schema Operativo per la Gestione dell'Emergenza Incendi di Interfaccia
- Schema Operativo per la Gestione dell'Emergenza Sismica (DCC n. 13/2011)
- Schema Operativo per la Gestione delle Emergenze di varia Tipologia (DCC n. 58/2003)
- Schema Operativo per la Gestione dell'Emergenza derivante da ondate di calore con effetti sulla (DGC n.675/2005)

Sustainable Mobility Plan



To new commitment EU - World
SECAP – Sustainable Energy Action
Plan

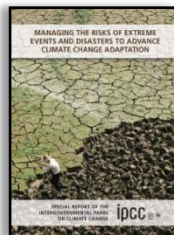


To foster transformative resilient and
sustainable path EU-World 2030 e 2050



Paths towards Genoa Lighthouse City

Strategy and Action Plan Baseline



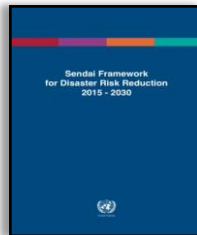
MANAGING THE RISKS OF EXTREME EVENTS AND DISASTERS TO ADVANCE CLIMATE CHANGE ADAPTATION
IPCC 2012



**CLIMATE CHANGE 2014
IMPACT, ADAPTATION
AND VULNERABILITY**
IPCC 2014



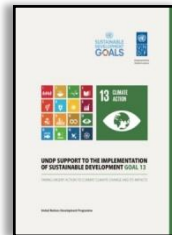
PARIS AGREEMENT
UNFCCC 2015



**SENDAI FRAMEWORK
FOR DISASTER RISK
REDUCTION**
UNISDR 2015



**NEW URBAN AGENDA
HABITAT III**



**TRANSFORMING
OUR WORLD
THE 2030 AGENDA
FOR SUSTAINABLE
DEVELOPMENT**
UN GA 2015



**HABITAT III
HOUSING AND
SUSTAINABLE
URBAN DEVELOPMENT**
UN GA 2016



**ADAPTATION
IN EUROPE
2016**
EEA 2013



**URBAN ADAPTATION
IN CLIMATE CHANGE
IN EUROPE 2016**
EEA 2017



**CLIMATE CHANGE
IMPACT AND
VULNERABILITY
IN EUROPE 2016**
EEA 2017



**GLOBAL WARMING OF
1.5 °C**
IPCC 2018



**HEALTHY
ENVIRONMENT,
HEALTHY LIVES:
HOW THE
ENVIRONMENT
INFLUENCES
HEALTH AND WELL-
BEING IN EUROPE**
2020



THE GLOBAL RISK WEF 2019 - 2020



**EU Biodiversity
Strategy for 2030**



**Marine Strategy
Framework Directive**



**EU Water
Framework Directive**



**EU Circular Economy
Action Plan**



**EU Floods
Directive**

Strategy's Heritage

3 Drivers of change



Climate



Demographic



Digital Transition

3 asset in the approved framework



Innovative Development of Infrastructures



Urban Regeneration



Community - Enterprise

3 Goals



Innovation



Anticipation

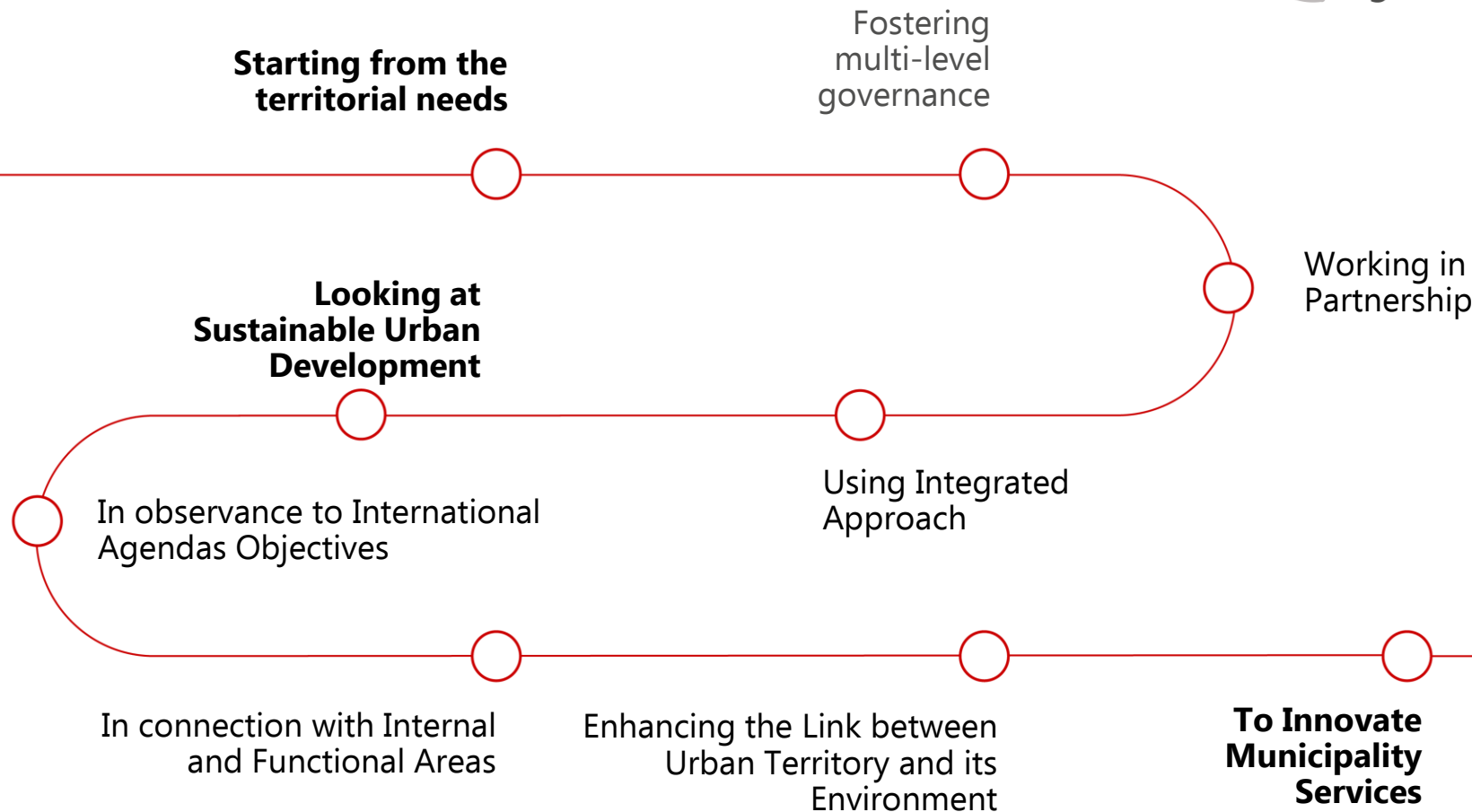


Strengthening

To pay attention to:

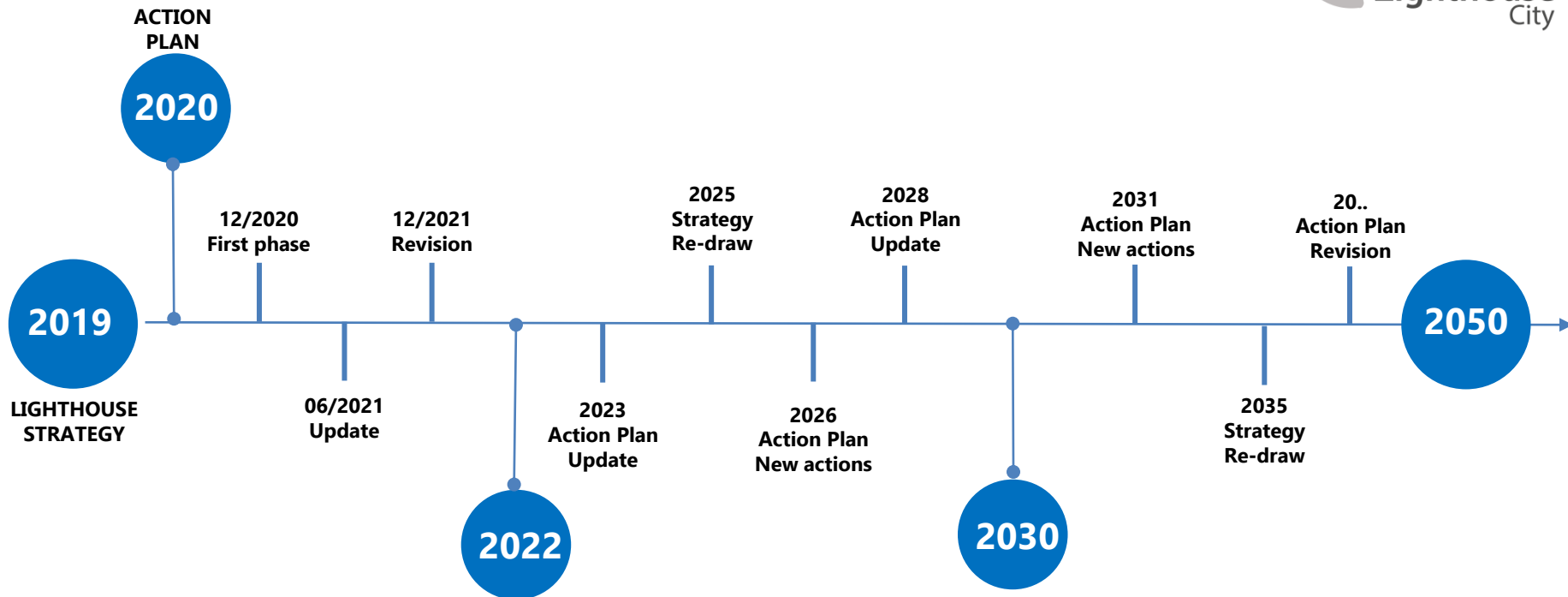
- **Timing, acceleration, simplification.**
Coherence among the city's social, economic, environmental tissue and its management
- **Different and new vulnerabilities** as opportunities for research and new services
- Urban **reputation** and **Transformation** to renew population and investors trust

Action Plan Roadmap



Action Plan Timeline

2021 2028 2036
Eu Programming Periods



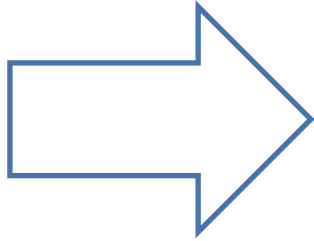
Target 2022

- Next Generation EU
- Status of Existing Actions
- New actions

Target 2030 - Strategy Re-draw

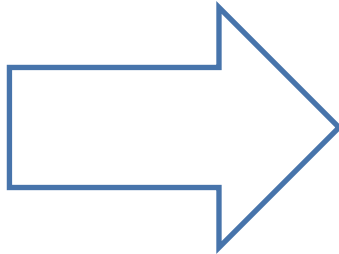
- SECAP
- SGDs
- International Agendas and Framework Update

Work pattern



Monitoring existing actions in the inner Unique Programmatic Document, Investment Plan, EU funded and Transnational cooperation activities, urgent measures and global agendas commitments

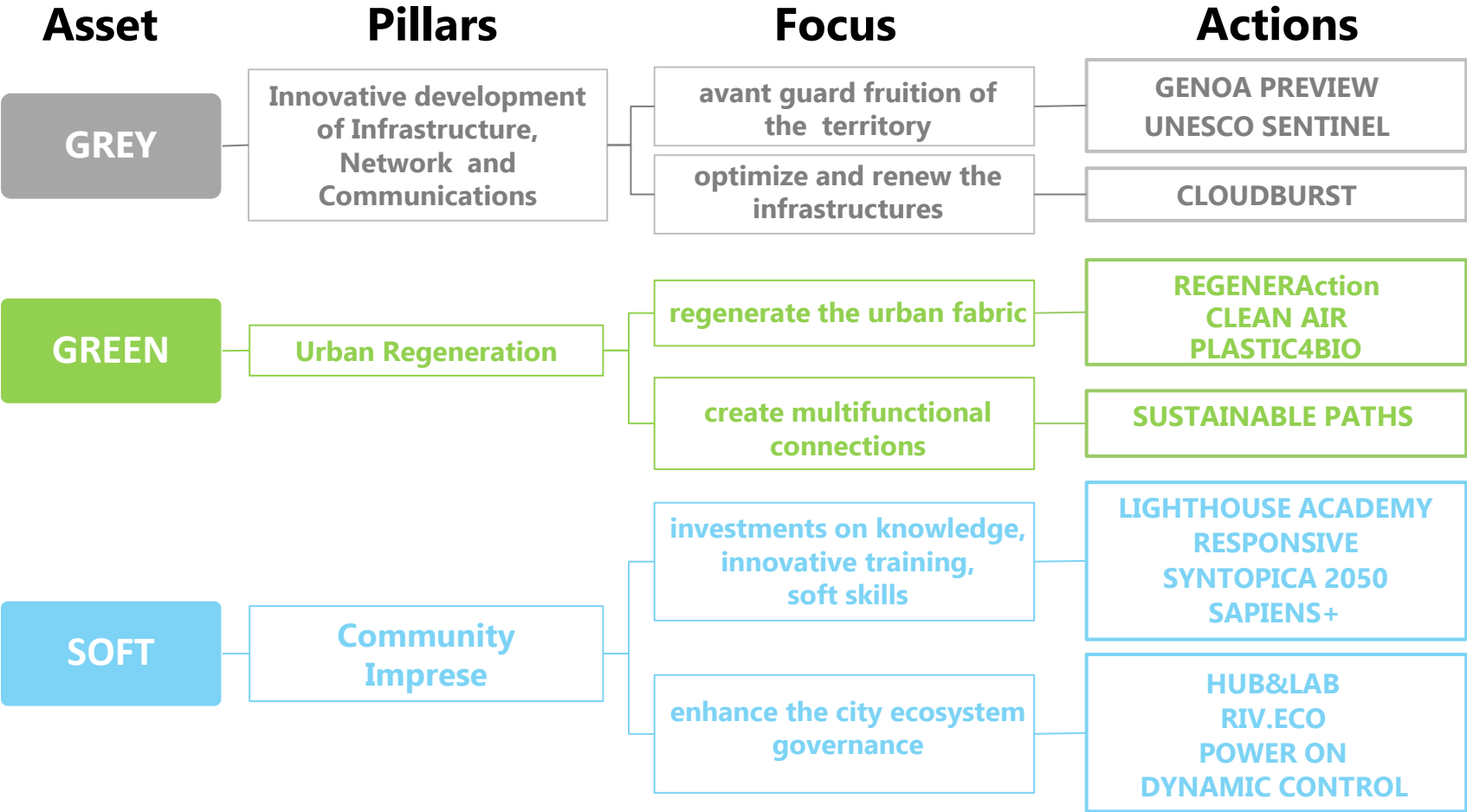
- Continuous flowing in the Lighthouse asset and goals' perspective



NEW actions with internal and external stakeholder commitment, updated periodically

- Coherence with Future Scenarios
- Metrics in the short and medium terms

Action Plan Core setting

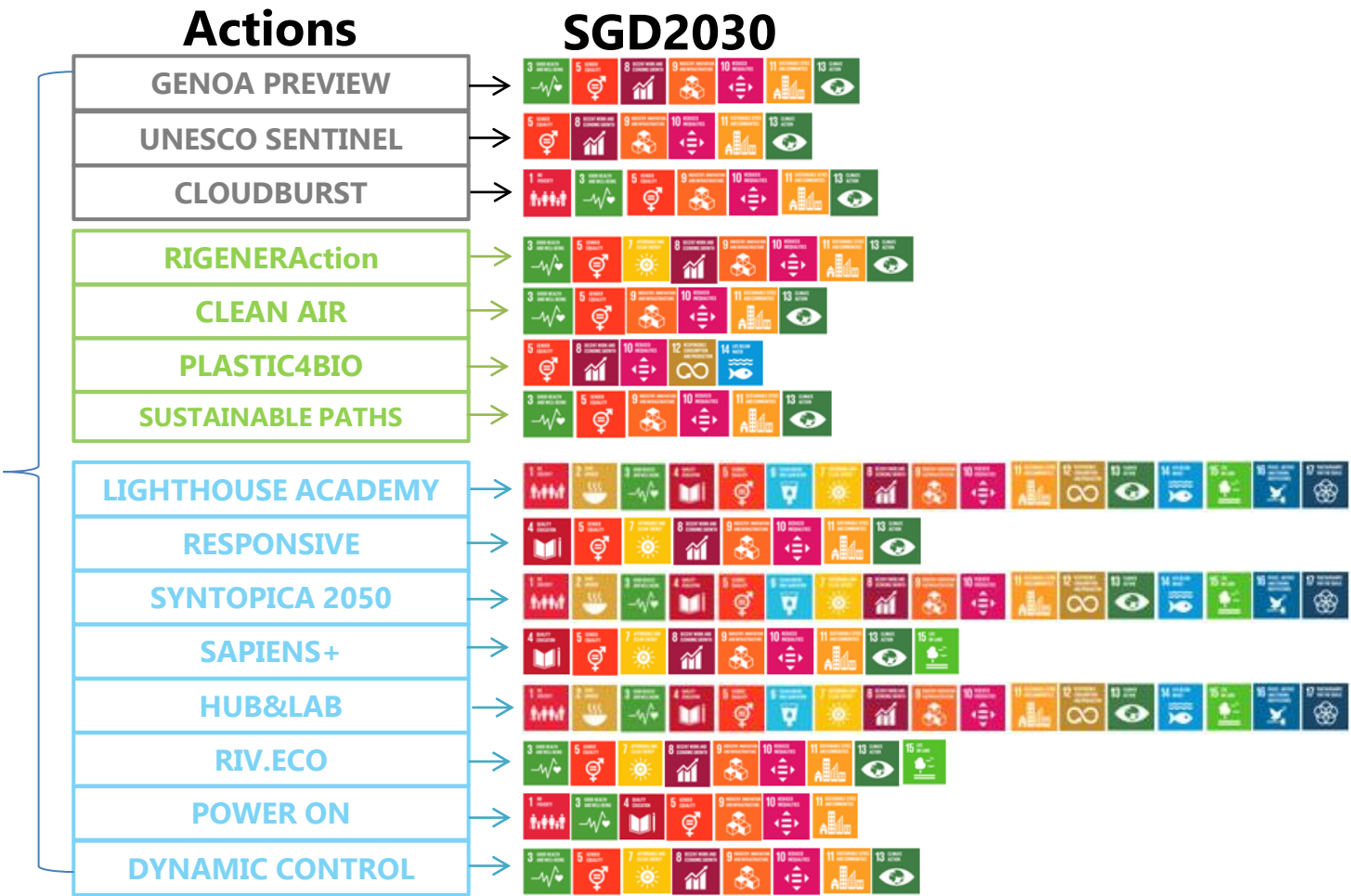
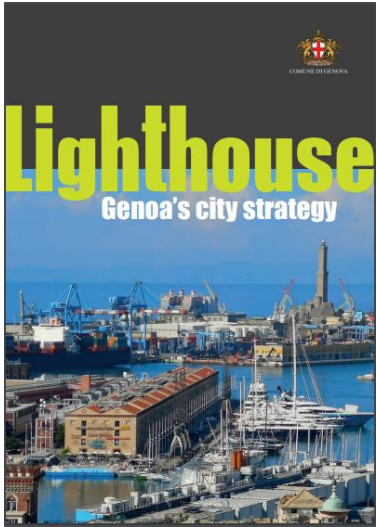


Il cuore dell'Action Plan: 15 Azioni

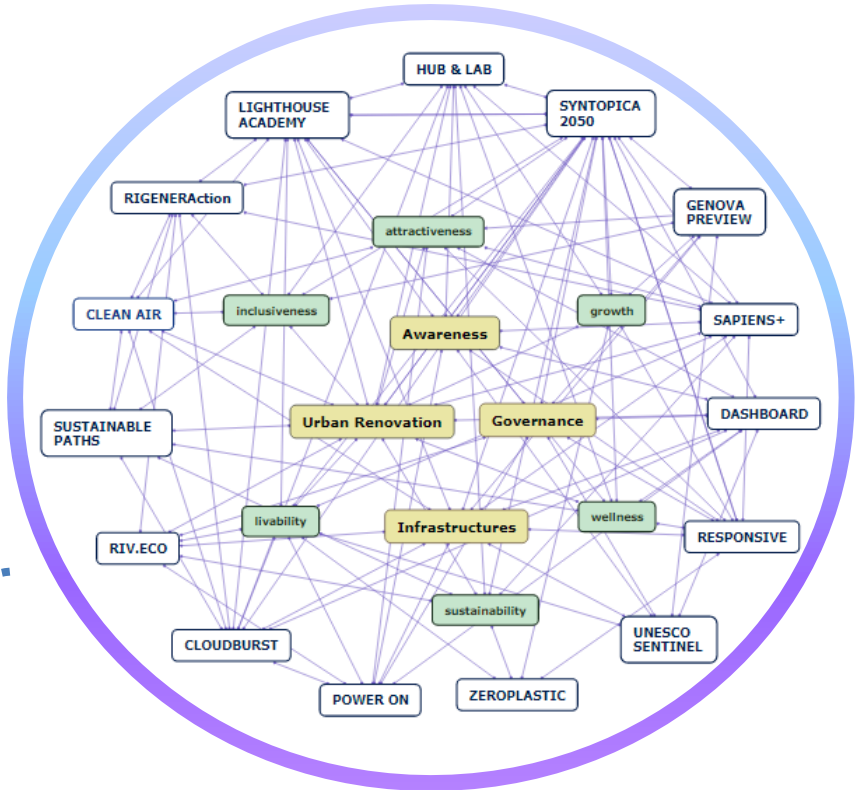
Azioni

GENOVA PREVIEW	New immersive interpretations of the city. IoT, bot&virtual avatar (i.e Doge, Paganini, Colombo). Situational gaming roleplay, innovative teaching.
UNESCO SENTINEL	Satellite monitoring of the state of conservation of Unesco buildings combined with sensors for diagnostics on decorations and architectural elements
CLOUDBURST	Improvement of drainage systems of paving and drainage network of rain water on the top of buildings and on the ground in 10 public spaces
RIGENERAZIONE	Multifunctional renewal of the public spaces. Pilot testing: 10 places as urban ecosystem to improve quality of life
CLEAN AIR	Distributed low cost sensors on air quality . App wearable-smartphone with Clean Air healthy paths
PLASTIC4BIO	New packaging and COVID19 disposal from organic waste in logistic districts of food supply.
CONNESSIONI SOSTENIBILI	Carbon free connecting routes at district level inside and outside the city for freetime, job and tourism
LIGHTHOUSE ACADEMY	Capacity building, new skills for public employee and stakeholder through a light training on the Lighthouse themes
CAPACITIVI	Skilled and competitive. Professional gaps detection, countermeasures i.e. mentoring, job shadowing, support for new productive population
SYNTOPICA 2050	Editorial project and attractor pole on the FUTURE. Renowned experts in collaboration with local excellences will contribute to a cultural renewal
SAPIENS+	Educational contents of high innovation and complementary training to renew the technical and professional offer of specialized schools in Genoa
HUB&LAB	Set up a group of experts to assist in the implementation of the Lighthouse actions.
RIV.ECO	Review 16 City Regulations to identify opportunities for updating and improving the Lighthouse Strategy
POWER ON	Floods 2011-2014, Morandi Bridge collapse - 2018, COVID19 - 2020. Improvements on business continuity, protection, services and support
CONTROLLO DYNAMICO	Dynamic map of actions, interventions, studies, projects and analyses that improve the capacity, resilience and sustainability of Genoa

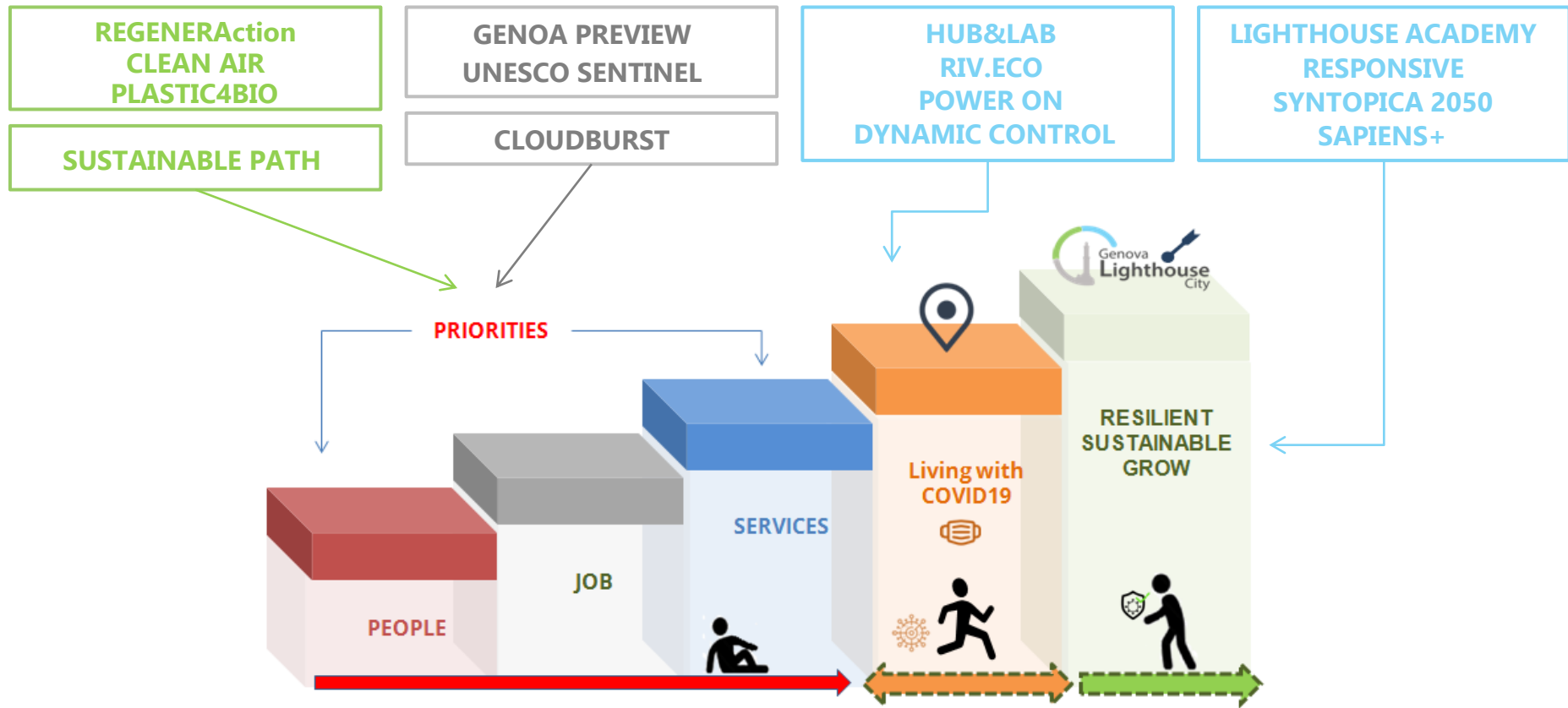
Actions: interconnection with SDGs 2030

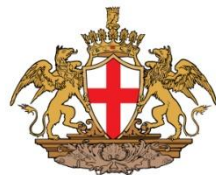


Actions: Keywords & Sinergies



Actions & COVID19





COMUNE DI GENOVA

GENOVA 2050

Thank you

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