Public FLOOD Emergency and Awareness SERVice

Genoa Pilot
Progress Status may 2017

Stefano Bertoncin

2nd FLOOD Consortium Meeting

11 – 12 May

**Comune di Genova
Direzione Urbanistica SUE
e Grandi Progetti
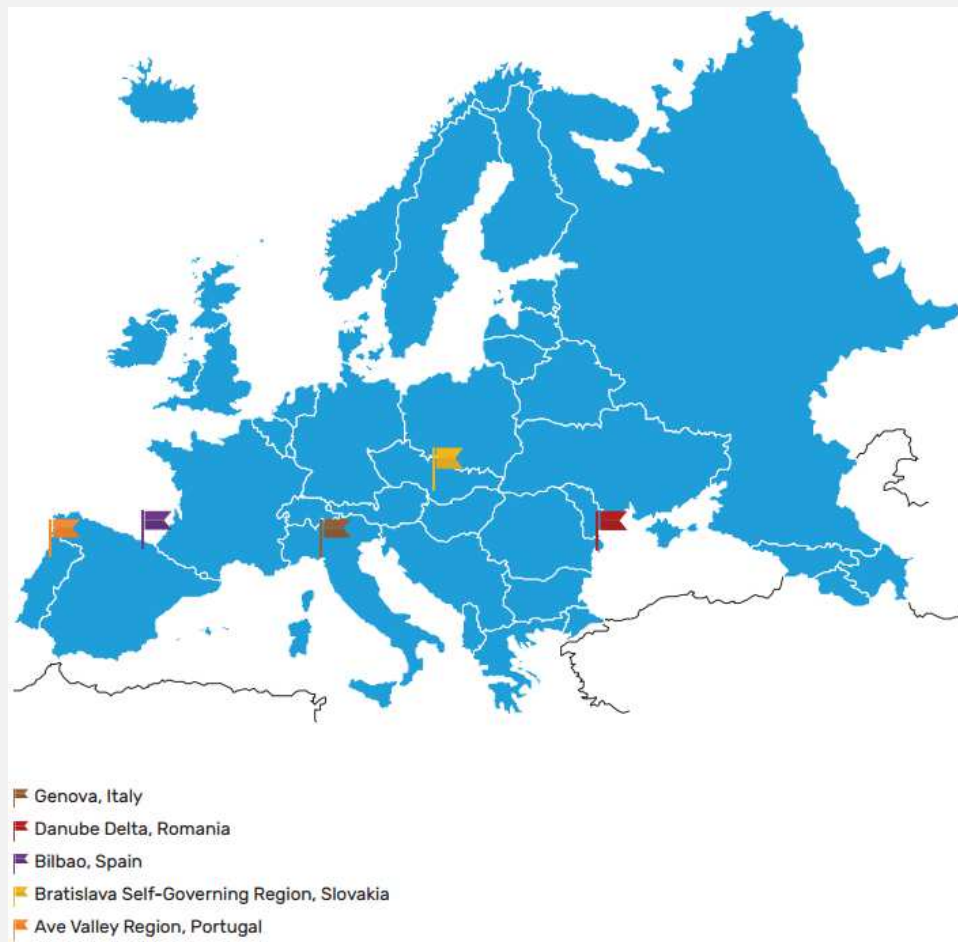Staff di Direzione**

The pilots

Pilot actions aim to link citizen, public authorities and other stakeholders and to enable the public to be warned en masse so that actions can be taken to reduce the adverse effects of the flood.

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Pilot sites

Genova, Italy

Danube Delta, Romania

Bilbao, Spain

Bratislava Self-Governing Region, Slovakia

Ave Valley Region, Portugal
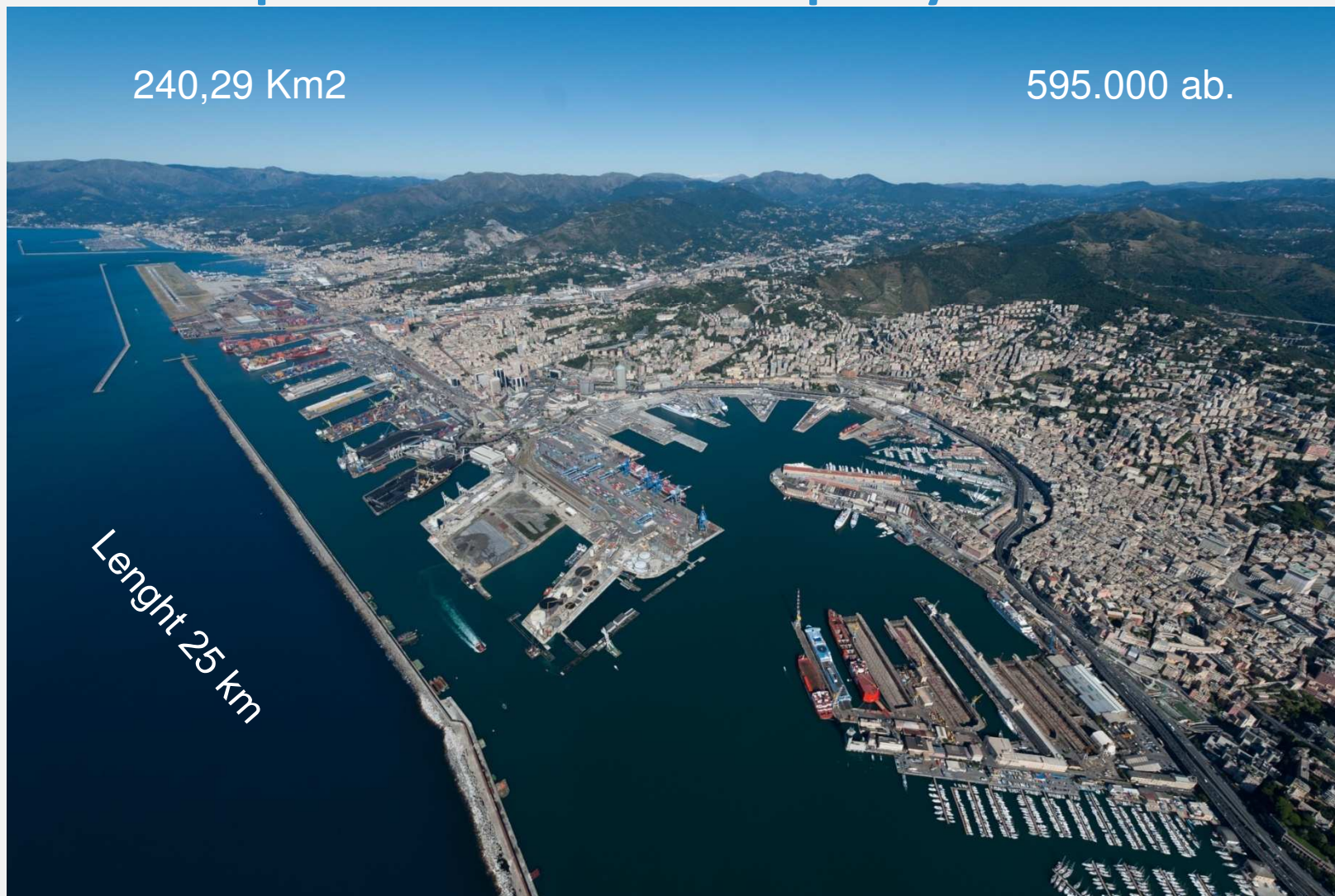
Genova, Italy
Danube Delta, Romania
Bilbao, Spain
Bratislava Self-Governing Region, Slovakia
Ave Valley Region, Portugal

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FLOOD-serv pilot in Genoa Municipality

240,29 Km2

595.000 ab.

Lenght 25 km

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FLOOD-serv pilot in Genoa Municipality

The situation in Genoa
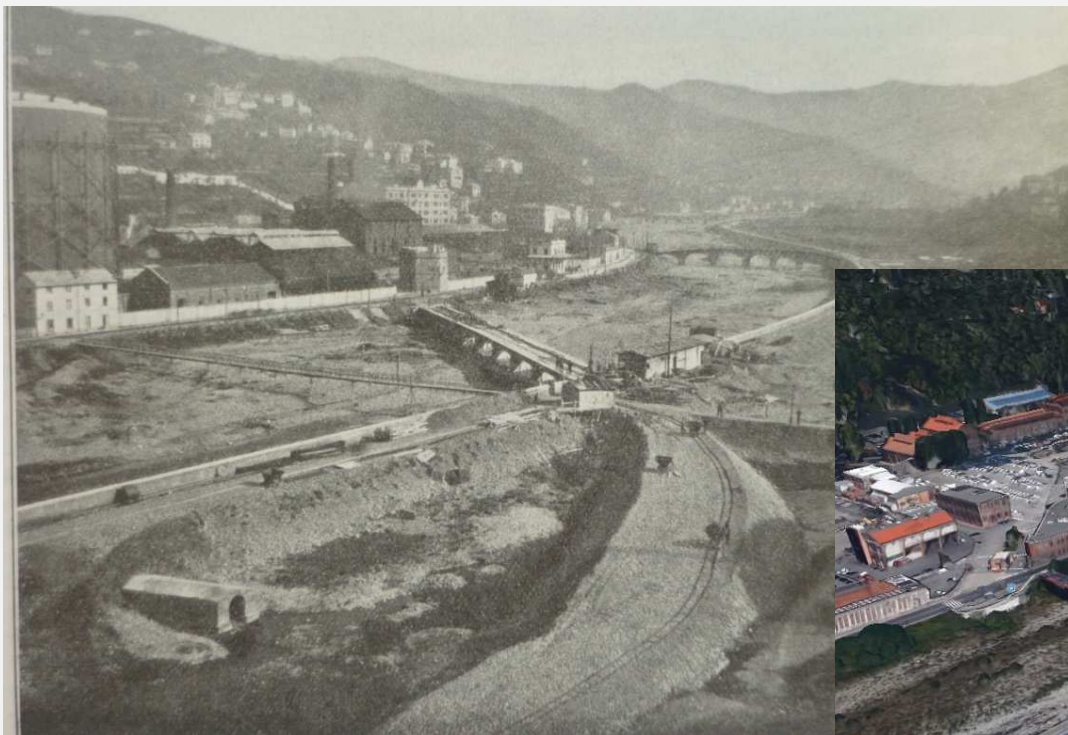
FLOOD-serv pilot in Genoa Municipality

FLOOD-serv pilot in Genoa Municipality

The aim

Pilot actions in Genoa Municipality aim to facilitate and certify building paths of local community networks able to interact with territories, to raise awareness and major responsibility on self-help projects in critical situation.

The goal is to strengthen citizens involvement and leverage the collaborative power of ICT networks (networks of people, knowledge and sensors) during day by day routine to learn how to deal together regarding different situations.

FLOOD-serv pilot in Genoa Municipality

The approach

The Genoa pilot project is based on the use of new technologies and tools that will include new software applications and services for smartphone, capitalizing existing networks and instruments to build focus groups as a network of people belonging to a neighborhood affected, negatively or positively, by a recurring event. The power of ICT will be enhanced through the interchange of opinions / information establishing a new concept of dialogue with the civic administration, co-participated on the basic concepts of cities, urban planning, environment.

FLOOD-serv pilot in Genoa Municipality

Stakeholders

Some stakeholders have been involved in the pilot project Flood-serv:

Town Hall of Bassa Val Bisagno

Town Hall of Medio Levante

Integrated Street Center (CIV)

Citizens' Associations

University of Genoa – Departments of Architecture and Political Science

FLOOD-serv pilot in Genoa Municipality

Role of the P.A. in the Project:

- Coordination of the stakeholders' work.

- Collection and dissemination of data to share with citizens.

- Transposing of data from abroad on a feed-back mechanism.

- Diffusion and sharing of urban planning data of the territory.

- Relations with civil protection bodies.

FLOOD-serv pilot in Genoa Municipality

The actions address to:

- gather collective knowledge in the urbanized territory

- get sites analytical and planning maps

- include self-defense actions facing risk conditions

Which data is using the PA? And how?

Maps of Hazard and Risk from Regional and Genoa Municipality's Geoportal (floodable areas, lansdslides, …) [GIS]

Datasets on vulnerability of inhabitants and commercial activities in flooded areas (lists and contact informations) [tables]

Citizens' reports on street damage [phone calls, …]

Meteo Alerts

Damage reports and requests for reimbursement

…

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How we proceed

Gather and organize information

Citizens Survey to evaluate the level of flood risk awareness and enhance self-defence (*what would you do in case of …?*)

Testing of a tool for **collecting info and data FROM citizens** (ICT - App?) and integration with existing/informal reporting tools (TV, fb, etc…)

Analysis of data collected from citizens and integration with data on flood risks used by Public Administrations (geoportal)

Definition of data and contents to be included in the communication tool FROM/BY citizens to be used in the PRE- and POST- events
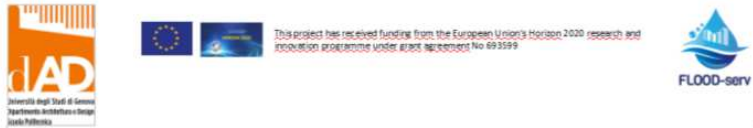
PLATFORM

FLOOD-serv

Which data and how?

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Pilot in Genoa Municipality

Check-list for PA:

- Which data from citizens? And how?

- Which data to citizens? And how?

We are asking to PA at different level and with different task what they think should be communicated and if they already have those data

Which data and how?

Check-list for citizens:

- Which data from citizens to PA? And how?

- Which data from PA to citizens? And how?

We are asking to citizens and associations through focus group what they would like to know and/or communicate to PA about flood-risk

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and
Genoa University - DAD – Department of Architecture and Design

Thank you for your attention!

Comune di Genova
Direzione Urbanistica SUE
e Grandi Progetti
Staff di Direzione

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