

Main aim of the project: to scale one existing solution with appropriate means to the whole city/those areas that are mostly affected by hydrological risks.

Solution discussed: helping to build capacity for nature-based solutions (NBS) on the following levels:

- citizens,
- planners,
- municipal technicians.

Identified steps:

- 1.) Creating a shared vision for NBS on city-scale;
- 2.) Demonstrating quantifiable evidence of the NBS value;
- 3.) Building a business case

Lessons learned from the methodology:

Templates are not always the right way to go. Lots of value in making many different people with different backgrounds think around one challenge, having a clearer protocol about what is the next step in the pipeline would be desired

City Challenge poster

Value creation ~~Flood prevention~~ through NBS in disaster-prone areas

- Hydrological risks
- Scaling
- Existing success story as starting point
- Demonstrating the lack of non-action
- Connecting vision to policy context
- \Rightarrow Implementing work demonstrates

Multiplying exist. solution
capacity building



Vision development for urban area
More holistic approach
Value creation

0.) Creating a shared vision

- 1.) Quantifiable evidence of the NBS value
- 2.) Promoting environmental social norms
- 3.) Business Case creation

1.

cost

 - ~~cost~~ - Benefits analysis
 - impact modelling and evaluation
 - risks analysis
 - human and assets value evaluation
 - identifying areas most affected
 - stakeholder analysis
 - Prioritisation of NBS solutions
2.

co

 - Educational materials
 - Co-creation workshops
 - Creating task forces (governance analysis)
 - ~~cost~~ - Benefit analysis

I am interested in (contributing to) this project:
[write down your full name]

H2020 Rescur
H2020 THINK NATURE + Hybrid (EIB)
ICL

GENOVA

- 600.000 inhs.
 - High density
 - Hills hit by 60s construction boom
 - ⊖ Hydrological risk: Sept. - Nov.
 - Heavy rain events
 - 2011: 6 deaths
 - #2020:
 - €3 mil from city
 - 900k from #2020
 - new drainage system + green roofs
 - + participation + co-creation
 - gaps: capacity building for nature-based sol.
- ↓
Soil very dry
can't absorb water

PROBLEMS

- Social acceptance
 - Building capacity
 - Funding
- defining objects + benefits
 - transparency: information + co-decision
 - data collection
 - quality control (pys, monitoring, etc.)
 - cross-benefit - analysis int. social
 - demonstrating risk of non-action
 - lack of information - < know

PATTERNS

- engaging community to maintain park (not isolated)
- installing buildings → growing rooftop
- urban gardening → social engagement
- entrepreneurs → industrial hubs
- mobility → e-bikes, e-car sharing
- urban agriculture (at urban)

SCENARIOS

- educational material (video, infographics)
- information point
- studies / analysis to identify areas + cross-benefits
- experiments: co-ownership + impact study
- analysing ownership structure + climate conditions

1. defining urban
2. estimating value
3. risk analysis

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