



## proGInreg-productive Green Infrastructure for post-industrial urban regeneration

**Programme** Horizon 2020

**Topic/Keywords** Business model innovation / Private investment / Social innovation / Private and environmental health

**Project** For proGInreg four front-runner cities (Dortmund (DE), Turin (IT), Zagreb (HR), Ningbo (CN)) will create Living Labs in urban areas which face the challenge of post-industrial regeneration. These areas suffer from social and economic disadvantages, inequality and related crime and security problems. They lack quality greenspaces, have a negative impact on human health and wellbeing and are more vulnerable to the effects of climate change. Going beyond the current state-of-the-art with Green Infrastructure as a one-off state intervention, the proGInreg Living Labs will develop NBS which are citizen owned and co-developed by state, market and civil society stakeholders. Innovation will take place on the technical level through the NBS deployments, on the social level through co-designing, co-creating and co-implementing NBS with local communities and on the economic level through combining NBS with market-ready business models. Five follower cities in Eastern and Southern Europe (Cascais PT, Cluj-Napoca RO, Piraeus GR, Sofia BG, Zenica BA) will be co-steering the research process to assure replicability and adaptability to their local context resulting in urban plans for NBS deployment. The NBS to be tested i.a. include: regenerating industrial soils biotic compounds, creating community-based urban agriculture and aquaponics and making renatured river corridors accessible for local residents.

### Role of Municipality of Piraeus

Municipality of Piraeus will be co-steering the research process to assure replicability and adaptability to its local context resulting in urban plans for NBS deployment. It will also develop a master plan for its own green spaces by using NBS.

### Partnership

**Lead partner:** RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE AACHEN Germany

#### Other partners:

STADT DORTMUND **Germany**, COMUNE DI TORINO **Italy**, GRAD ZAGREB **Croatia**, The Forestry Bureau of Ningbo City **China (People's Republic of)**, MUNICIPALITY OF SOFIA **Bulgaria**, INSTITUT PLANOVANI A ROZVOJE HLAVNIHO MESTA PRAHY **Czech Republic**, Municipality of Piraeus **Greece**, ASOCIATIA DE DEZVOLTARE INTERCOMUNITARA ZONA METROPOLITANA CLUJ **Romania**, City of Zenica **Bosnia and Herzegovina**, ICLEI EUROPEAN SECRETARIAT GMBH (ICLEI EUROPASEKRETARIAT GMBH)\* **Germany**, die Urbanisten e.V. **Germany**, Fondazione della comunità di Mirafiori **Italy**, KYTTARO ENALLAKTIKON ANAZITISEON NEAON KEAN **Greece**, hei-tro GmbH **Germany**, EFB Europäische Föderation Bauwerksbegrünungsverbände **Austria**, DUAL **Italy**, lohrberg stadtdlandschaftsarchitektur **Germany**, STARLAB BARCELONA SL **Spain**, PARCO SCIENTIFICO E TECNOLOGICO PER L'AMBIENTE-ENVIRONMENT PARK SPA **Italy**, URBASOFIA SRL **Romania**, INSTITUTE OF URBAN ENVIRONMENT, CHINESE ACADEMY OF SCIENCES **China (People's Republic of)**, FUNDACION PRIVADA INSTITUTO DE SALUD GLOBAL BARCELONA **Spain**, UNIVERSITA DEGLI STUDI DI TORINO **Italy**, CONSIGLIO NAZIONALE DELLE RICERCHE **Italy**, POLITECNICO DI TORINO **Italy**, UNIVERSITA DEGLI STUDI DI BARI ALDO MORO **Italy**, FACHHOCHSCHULE SUDWESTFALEN **Germany**, ZEDA-Zenicka razvojna agencija **Bosnia and Herzegovina**, SVEUCILISTE U ZAGREBU ARHITEKTONSKI FAKULTET **Croatia**

**Duration** 60 months (2018-2023)

**Budget** **Total:** 11.304.072,50 €

**Municipality of Piraeus:** 83.337,50 €