

Nature4Cities (N4C)

Nature Based Solutions for re-naturing cities: knowledge diffusion and description support through new collaborative models.

Supporting organization

European Commission – Executive Agency for Small and Medium –sized Enterprises (EASME) H2020-SCC-NBS 730468 (2016-2020)

Duration of the project

01. 11. 2016. - 29. 10. 2020.

Participants of the project

University of Szeged, Department of Climatology and Landscape Ecology (Partner Beneficiary)

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Lead Beneficiary:

1. NOBATEK (NBK), Franciaország

Partner Beneficiaries:

2. Fundacion Technalia Research and Innovation (TEC), Spanyolország
3. Luxembourg Institute of Science and Technology (LIST), Luxemburg
4. Fundacio Eurecat (EUT), Spanyolország
5. Fundacion Cartif (CAR), Spanyolország
6. Centre d Etudes et d Expertise sur les Risques l Environnement (CER), Franciaország
- 7. Szegedi Tudományegyetem (SZTE), Magyarország**
8. Institut Supérieur des Sciences Agronomiques, Agroalimentaires, Horticoles et du Paysage (AO), Franciaország
9. Middle East Technical University (METU), Törökország
10. Acciona Infraestructuras S.A. (ACC), Spanyolország
11. D'Appolonia SPA (DAPP) SPA, Spanyolország
12. Green4Cities GMBH (G4C) Ausztria
13. R2M Solution SRL (R2M) SRL, Olaszország
14. Ekodenge (EKO), Törökország
15. Argedor (ARG), Törökország
16. Colouree SRL (CLR), Olaszország
17. Innova Integra Limited (IIL), Egyesült Királyság
18. TERRANIS SAS (TRS) SAS, Franciaország
19. Duneworks BV (DW), Hollandia
20. Plante&Cite (P&C), Franciaország
21. Magyar Urbanisztikai Tudásközpont Nonprofit Kft. (MUTK), Magyarország
22. Citta Metropolitana di Milano (CMM), Olaszország
23. Cankaya Belediyesi (CAN), Törökország
24. Szeged Megyei Jogú Város Önkormányzata (SZEG), MagyarországSZEGED
25. Ayuntamiento de Alcalá de Henares (AH), Spanyolország
26. Université de Nantes (UN), Franciaország

Aim of the project

The environmental concept of NBS has recently been identified by the E.U. as a strategic frame to help the development of sustainable cities. Nature4Cities is one of the two research program selected and funded by the European Union in order to build a common ground for “NBS & Re-Naturing Cities”, through the H2020 Research and Innovation Programme. The N4C project aims to develop a scientific and technical database and operational tool for the effectiveness of Nature Based Solutions applied in a framework which considers a holistic approach and, which integrates multiple stakeholders. It intends to produce knowledges and to empower urban projects stakeholders (involved in urban planning/design/management intervention) to take decision. It addresses to scientists, urban decision makers, practitioners and citizens.

Nature4Cities project is based on:

- the building of a NBS knowledge base and associated, integrated analysis framework
- the development of a holistic assessment methodology exploring technical, governance, business, financing models and economic aspects.
- the adaptation of existing technologies for citizen's participatory engagement, urban data acquisition and urban data management
- the co-development and assessment of actual NBS projects and strategies with Partner Cities

N4C research team is an interdisciplinary and international team (from 9 countries). The consortium partners take a pro-active part in the EU dynamics of R&D&I, at the crossing of urban green infrastructure planning and construction sector, environmental assessment, social sciences, innovation management and Information and Communication Technology supporting tools. All along the 4-years project, researchers, policy makers, planners, professionals from the public and private sector and citizens will work together to develop knowledge, new collaborative models and tools in order to enhance the Re-naturing Cities transition. The links with and between these stakeholders will contribute to upscale results, share Best-Practices generated by the project and widespread their expertise all over Europe. The knowledge built will remain and be spread through the decision supporting web platform. The project will thus sustain with its full services and operative capacity after the project lifetime.

Homepage of the project:

<https://www.nature4cities.eu/>

Logo of the project:

