



Research & Innovation on Nature-Based Solutions in Europe

NATURE  
4 CITIES

A knowledge diffusion & decision support platform for renaturing cities

New challenges  
for renaturing cities

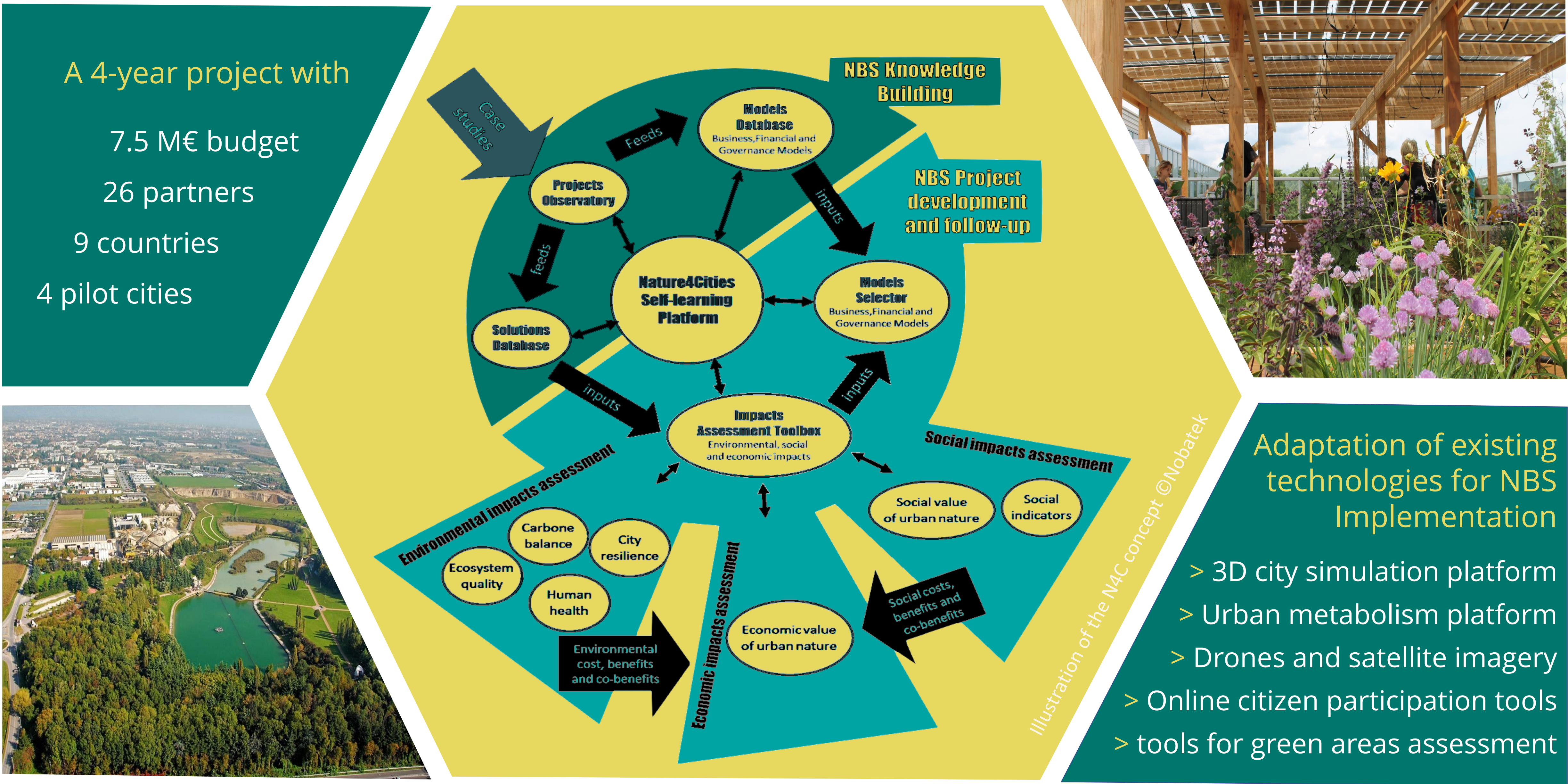
Most Nature-Based Solutions (NBS) can't be thought just as replacements for conventional solutions, but require a new whole governance approach. Integrating NBS in urban planning requires both a change of mind in multiple stakeholders and new models of governance, business & funding as well as new integrated assessment capabilities.



Nature4Cities Answer

To support local authorities and urban planners in projects development and give them new tools to engage citizens in the process, Nature4Cities concept is based on: (1) the building of a NBS knowledge base and associated integrated analysis framework, (2) the development of a holistic assessment methodology, (3) the adaptation of existing technologies for urban data management and citizens' participatory engagement, and (4) the co-development and demonstration with partner cities.

By creating a reference framework on NBS, Nature4Cities will contribute to create a global market and new business opportunities within green economy.



A 4-year project with  
7.5 M€ budget  
26 partners  
9 countries  
4 pilot cities

Adaptation of existing  
technologies for NBS  
Implementation

- > 3D city simulation platform
- > Urban metabolism platform
- > Drones and satellite imagery
- > Online citizen participation tools
- > tools for green areas assessment

Key moments

- November 2016** Official launch of the project with the Kick-off meeting
- July 2018** Web-based NBS project observatory online with pioneering projects
- October 2019** Prototype of N4C platform fully integrated and beginning of demonstration with partner cities on real case studies
- October 2020** Operational platform running

Nature4Cities consortium

- > **6 leading Research and Technology Organizations**  
Nobatek (FR), Cerema (FR), Tecnalia (ES), Eurecat (ES), Cartif (ES), Luxembourg Institute of Science & Technology (LU)
- > **4 universities**  
University of Nantes (FR), Agrocampus Ouest (FR), University of Szeged (HU), Middle East Technical University (TR)
- > **2 leading industrial organizations**  
Acciona Construction (ES), D'Appolonia (IT)
- > **8 Small and Medium-sized Enterprises (SMEs)**  
Green4Cities (AT), Terranis (FR), Colouree (IT), Duneworks (NL), Argedor (TR), Ekodenge (TR), Innova Integra Ltd (UK), R2M Solution Ltd (UK)
- > **2 clusters of stakeholders**  
Plante & Cité (FR), Hungarian Urban Knowledge Center (HU)
- > **4 pilot cities**  
Alcala de Henares (ES), Città Metropolitana Di Milano (IT), Szeged (HU), Çankaya (TR)