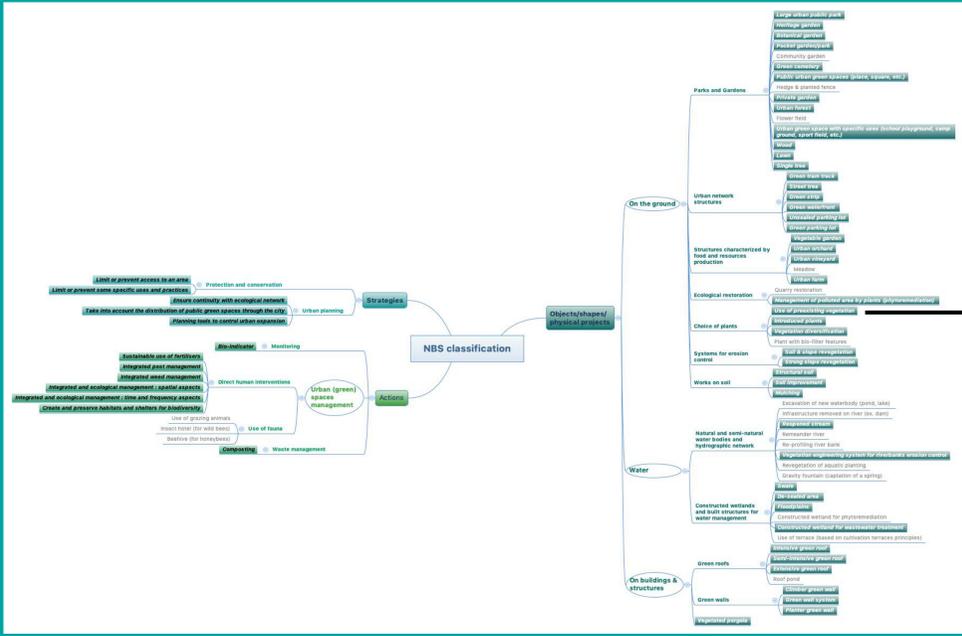


N4C knowledge databases and NBS frameworks

N4C NBS typology

A NBS classification based on solutions' nature has been built so that to structure knowledge and enable to have a global view of all NBS



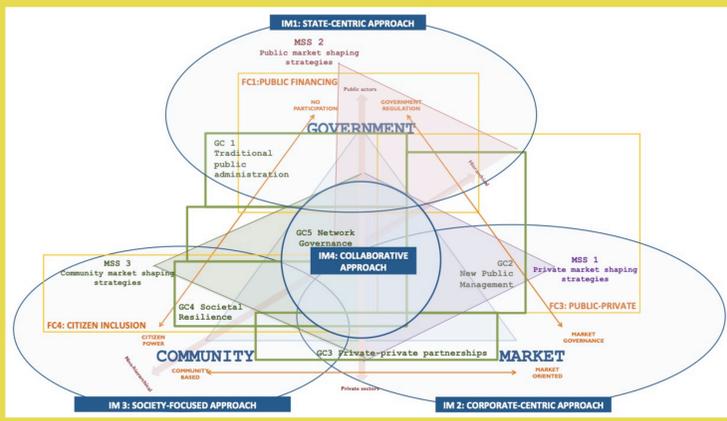
NBS catalogue

57 NBS have been fully documented. For each one: a description of the solution is given, the challenges it addresses are identified, as well as the stakeholders, enablers and barriers to implementation...

The screenshots show detailed entries from the NBS catalogue. One entry, 'Use of pre-existing vegetation', includes a general description, a table of 'Success and limiting factors', and a 'References' section. Another entry, 'More detailed information on the NBS entity', provides a 'Description and implementation at different spatial scales', 'Temporal parameters', 'Stakeholders involved', and 'Design / technical aspects'.

Implementation Models

Implementation Models (governance models, financing schemes and business models) have been classified according to their capacity to overcome barriers, to become drivers of NBS implementation and to be adapted to different social, economic, cultural and regulatory contexts



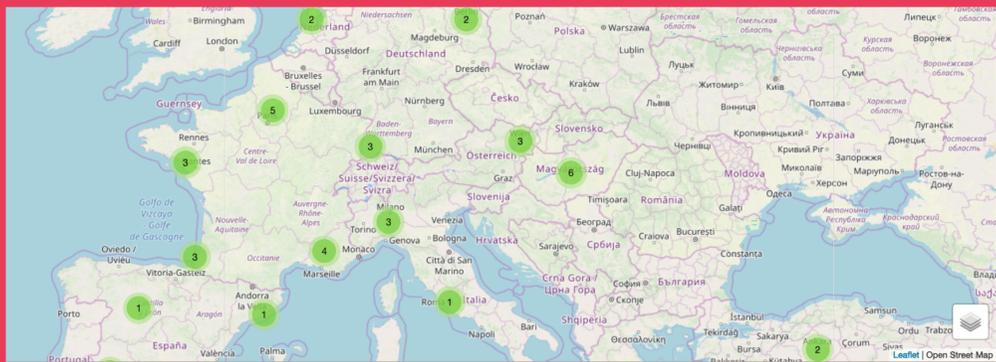
Urban Challenges

11 urban challenges and 25 sub-challenges have been identified, as well as Key Performance Indicators (KPI) and tools to assess NBS impacts on the challenges



Project database

Projects have been selected with regards to their pioneer feature or because they present an interesting implementation model. They have been documented and gathered in a database. They are also in OPPLA NBS database



The screenshot shows an entry in the OPPLA NBS database for the 'Green Roof of Almá Celsaire School Complex'. It includes a title, a general description of the pioneer NBS, a table of 'Success and limiting factors', and a 'References' section.

> 6 leading Research and Technology Organizations

NOBATEK/INEF4 (FR) – Coordinator
Cereira (FR), Tecnalia (ES), Eurecat (ES), Cartif (ES), Luxembourg Institute of Science & Technology (LU)

> 4 universities

University of Nantes / IFSTTAR (FR), Agrocampus Ouest (FR), University of Szeged (HU), Middle East Technical University (TR)

> 2 leading industrial organizations

Acciona Construction (ES), Acciona Ingeniería (ES), Rina Consulting (IT)

> 9 Small and Medium-sized Enterprises (SMEs)

Green4Cities (AT), Terranis (FR), Colouree (IT), Duneworks (NL), Argedor (TR), Ekodenge (TR), Innova Integra (UK), R2M Solution (IT), Grün statt Grau (AT)

> 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)



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