

B01 BIRD'S NESTS



Enhancing bird visitation in areas that artificial nests are placed.



CARD BENEFITS

Economy +

Urban Area □

Environment ◇ ◇ ◇ ◇

Society ● ●

Connection to other NBS

D05 - ART

E02 - REST AREA

By installing nests in green spaces, but also in household gardens, biodiversity is enhanced and welcoming spaces for birds are created. They are made simply and economically.

Source: URBAN GreenUp (2018). NBS Catalogue

Cyprus Energy Agency (2021). Nature-based solutions (NBS)

Case Study

Pollinator Park, Strovolos - Lakatamia, Cyprus



B02 TREE PLANTATION



Enrichment of the local flora
through tree planting
specific plant species.



CARD BENEFITS

Economy	+
Urban Area	□□□□□
Environment	◊◊◊◊◊
Society	●●●●

Connection to other NBS

B06 - DRY GARDENS D02 -
NATURAL PLAYGROUNDS Y03 -
PLYMMIRAS PARK

The benefits of trees are manifold, including temperature regulation and improving mental health. At the same time, they can enrich biodiversity and the city.

Source: Cyprus Energy Agency (2021). Nature-based solutions (NBS)

Case Study

Various green spaces, Municipality
of Strovolos 2022-23



B03 BEE HOTELS



Facilitating insect pollination
for plant breeding and food
health.



CARD BENEFITS

Economy +

Urban Area □

Environment ◇ ◇ ◇ ◇

Society ● ●

Connection to other NBS

B06 - DRY GARDENS

D01 - OUTDOOR GYM D02 -
NATURAL PLAYGROUNDS

D05 - ART

The construction of hotels for bees and other pollinators can be done with simple materials found in nature and placed in various places, even unattended.

Source: URBAN GreenUp (2018). NBS Catalogue

Cyprus Energy Agency (2021). Nature-based solutions (NBS)

Case Study
Pollinator Park, Strovolos -
Lakatamia, Cyprus



B04 KITCHEN GARDEN



Standard construction for growing plants and food by residents.



CARD BENEFITS

Economy + + +

Urban Area ◊

Environment ◇ ◇ ◇

Society ● ● ● ●

Connection to other NBS

B02 - TREE PLANTATION

D02 - NATURAL PLAYGROUNDS

D03 - COMPOSTING

E01 - ECOLOGICAL

FURNITURE E02 - REST AREA

Vegetable gardens can be designed and built by residents. Their management by the residents themselves intensifies the feeling of responsibility and ownership.

Source:

Case Study
Jardin d'éole, Paris, France



B05 XEROLITHS



Stacks of stones with a functional or non-functional character.



CARD BENEFITS

Economy +

Urban Area

Environment

Society

Connection to other NBS

B01 - BIRD NESTS B02

- TREE PLANTATION

B03 - BEE HOTELS B06 - DRY GARDENS

D05 - ART

Y03 - PLYMMIRAS PARK

Dry stones can be a natural solution for creating walls and borders, and for supporting the ground. They contribute to the preservation of biodiversity and to tackling climate change.

Source: 3PRO-TROODOS (2022). Manual for the construction of mountain drystone terraces in Cyprus. Deliverable D2.3c

Case Study

Troodos Mountains, Cyprus



B06 DRY GARDENS



Gardens designed for harsh weather conditions, with low maintenance planting to match.



CARD BENEFITS

Economy +

Urban Area

Environment

Society

Connection to other NBS

B02 - TREE PLANTATION

B03 - BEE HOTELS D01 -

OUTDOOR GYM D02 -

NATURAL PLAYGROUNDS

D05 - ART

X02 - REST AREA Y02 -

PERMEABLE MATERIALS

Dry gardens improve the aesthetics of an area. They are made with natural materials such as stones and wood and resistant plants such as cacti, succulents and air plants are chosen.

Source: Politecnico Milano (2019). Catalog of Nature-based solutions for urban regeneration

Case Study

Roads Water-Smart Gardens, Colorado,
USA



D01 OUTDOOR GYM



Exercise equipment in public places to promote physical and mental health.



CARD BENEFITS

Economy	++++
Urban Area	□□□□
Environment	◊
Society	● ● ● ●

Connection to other NBS

D02 - NATURAL PLAYGROUNDS

D05 - ART

X02 - REST AREA Y02 -
PERMEABLE MATERIALS

Such equipment in green spaces creates an attractive environment for sports, strengthens the relationship between man and nature and makes the community aware of nature in the city.

Source: Kolokouris Petros (2021), Investigating the attitudes of trainees about "green gyms" [...]

Case Study

Agios Ioannis, Limassol, Cyprus

D02 NATURAL PLAYGROUNDS



Activating children's senses and curiosity through play in nature.



€7k

CARD BENEFITS

Economy + + +

Urban Area □□□□□

Environment ◇ ◇ ◇

Society ● ● ● ●

Connection to other NBS

B01 - BIRDS' NESTS

B06 - DRY GARDENS

D01 - OUTDOOR GYM D03 - COMPOSTING

D05 - ART

E01 - ECOLOGICAL

FURNITURE E02 - REST AREA

Natural playgrounds allow children to develop physically, socially, perceptually and intellectually. They offer opportunities to explore, communicate, and interact with nature.

Source: Ethier S. (2017). Developmental benefits of playing on a natural playground

Case Study

Holary Rosary Primary School, Dublin,
Ireland



D03 COMPOSTING



Community involvement in composting processes with natural stock appreciation.



€2k

CARD BENEFITS

Economy	+++
Urban Area	◊
Environment	◊◊◊
Society	●●●

Connection to other NBS

B06 - DRY GARDENS D02 -
NATURAL PLAYGROUNDS X01 -
ECOLOGICAL FURNITURE Y02 -
PERMEABLE MATERIALS

By implementing such procedures, opportunities are created to educate and activate the local community. For implementation, local resources such as organic and plant matter are needed.

Source: URBAN GreenUp (2018). NBS Catalogue

Case Study

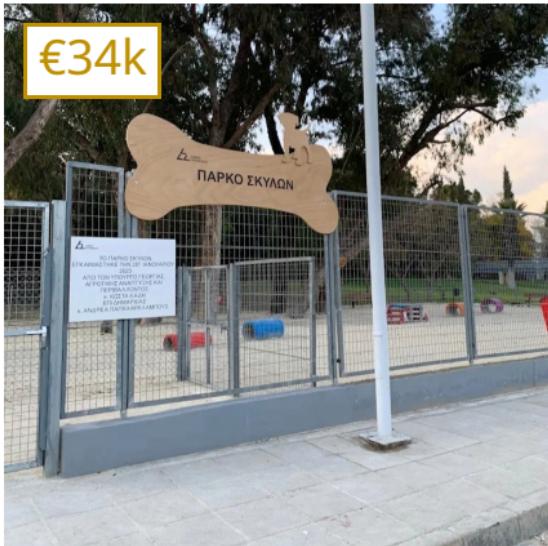
Municipality of Aglantzia,
Home Composting



D04 DOG PARK



A meeting place for animals and people, which intensifies social relations in the community.



CARD BENEFITS

Economy +

Urban Area ☐☐

Environment ☢

Society ●●●●

Connection to other NBS

D02 - NATURAL PLAYGROUNDS

X01 - ECOLOGICAL FURNITURE Y02

- PERMEABLE MATERIALS

Dog parks have social, psychological and physical benefits. By socializing the dogs and park users, relationships develop between community members.

Source: Gómez E. (2013). Dog Parks: Benefits, Conflicts, and Suggestions

Case Study

Acropolis Dog Park, Municipality of Strovolos, Cyprus





CARD BENEFITS

Economy	+
Urban Area	□□□
Environment	◊
Society	● ● ●

Connection to other NBS

B01 - BIRD'S NESTS B03 - BEE HOTELS D01 - OUTDOOR GYM X02 - REST AREA Y02 - PERMEABLE MATERIALS

In collaboration with local artists, creation of constructions that can be used for play but also for the enrichment of nature. Encouraging creativity and local art.

Source: CreativesUnite (2024). A contemporary artist that combines biodiversity installations and human [...]

Case Study

Biodiversity Tower, International Award for Public Art in Eurasia (2019)

D06 TELESCOPE



Public space telescope for
nature observation.



CARD BENEFITS

Economy	+
Urban Area	□□
Environment	◊
Society	● ● ●

Connection to other NBS

D01 - OUTDOOR GYM D02 -

NATURAL PLAYGROUNDS

D05 - ART

E02 - REST AREA

Placing a telescope in natural environments allows observing mainly birds of the ecosystem and constellations in the night sky. It can be used by different users.

Source: BirdLife Cyprus (2019). Celebrating World Wetlands Day at Nicosia's largest wetland

Case Study

Athalassa Park, Nicosia, Cyprus
(occasionally)



E01



ECOLOGICAL FURNITURE

Furniture made from recyclable materials that promote ecological culture and reuse.



CARD BENEFITS

Economy + + +

Urban Area □□□□

Environment ◇ ◇ ◇

Society ● ● ● ●

Connection to other NBS

D01 - OUTDOOR GYM D02 - NATURAL PLAYGROUNDS

D03 - COMPOSTING

D04 - DOG PARK D05

- ART

X02 - REST AREA Y02 -

PERMEABLE MATERIALS

Reusing materials for urban equipment promotes sustainability, reduces carbon dioxide emissions and can accommodate planting to enrich biodiversity in the city.

Source: Politecnico Milano (2019). Catalog of Nature-based solutions for urban regeneration

Case Study

Johannesburg, Street installation
"Brothers in Benches", by artist r1

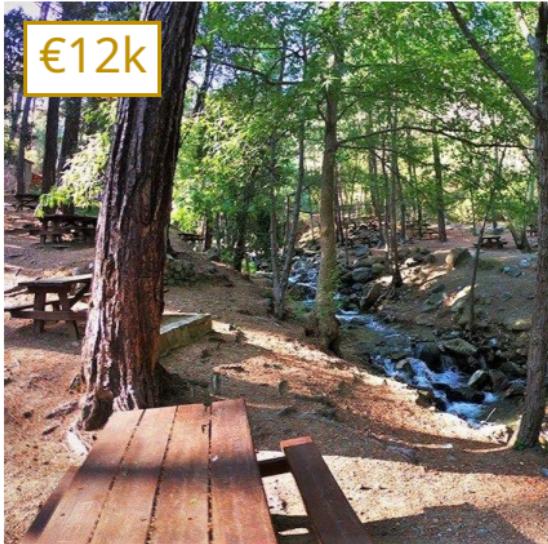


E02

REST AREA



Creating spaces that encourage the relationship between man and nature.



€12k

CARD BENEFITS

Economy + + +

Urban Area □□□□□

Environment ◇ ◇ ◇ ◇

Society ● ● ● ●

Connection to other NBS

B01 - BIRD NESTS B02

- TREE PLANTATION

B06 - DRY GARDENS

D05 - ART

X01 - ECOLOGICAL FURNITURE

Y02 - PERMEABLE MATERIALS

Rest areas offer peace, nature observation and social gatherings. They can be used by everyone and host various activities for residents.

Source: URBAN GreenUp (2018). NBS Catalogue

Case Study

Excursion area Mesa Potamos,
Cyprus



E03



KIOSK

Covered area with sitting area
for gathering purposes.



€13k



CARD BENEFITS

Economy +

Urban Area □□□

Environment ♦

Society ● ● ● ●

Connection to other NBS

B05 - DRY STONES

D02 - NATURAL PLAYGROUNDS

D05 - ART

X02 - REST AREA Y02 -
PERMEABLE MATERIALS

The gazebo is a solution for public space that can be placed in unshaded areas. They can be used for meetings and activities as well as reference points.

Source:

Case Study
Alsos Akadimias, Nicosia, Cyprus



Y01



RIVER AREA

Vegetation zones along rivers and other wet features.



CARD BENEFITS

Economy ++

Urban Area □□

Environment ◇ ◇ ◇ ◇

Society ● ● ●

Connection to other NBS

B02 - TREE PLANTATION

B05 - DRY STONES

B06 - DRY GARDENS Y03 -
PLYMMIRAS PARK

Riparian vegetation zones allow protection of water and ecosystem quality, as well as flood resistance and heat adaptation.

Source: Climate ADAPT (2023). Establishment and restoration of riparian buffers

Case Study
Brenta River, Trento Italy



Y02



PERMEABLE MATERIALS

Porous floors on non-roofed surfaces that allow the absorption of rainwater



€2k



CARD BENEFITS

Economy	+
Urban Area	□□
Environment	◊◊◊
Society	●●

Connection to other NBS

- D01 - OUTDOOR GYM D02 - NATURAL PLAYGROUNDS
- D03 - COMPOSTING
- D04 - DOG PARK D05 - ART
- E01 - ECOLOGICAL FURNITURE E02 - REST AREA

They can reduce flooding due to their permeability and allow water to infiltrate, strengthening groundwater. It has reduced heat due to a smaller solid surface.

Source: Cyprus Energy Agency (2021). Nature-based solutions (NBS)

Case Study



Y03



PLYMMIRA PARK

Green spaces designed to flood during periods of heavy rainfall.



CARD BENEFITS

Economy	++++
Urban Area	□□□□□
Environment	◊◊◊◊◊
Society	●●

Connection to other NBS

B02 - TREE PLANTATION
D05 - ART
E01 - ECOLOGICAL FURNITURE
E02 - REST AREA
Y02 - PERMEABLE MATERIALS

Such parks can manage flooding events by retaining excess water. On the contrary, in dry periods they can be used by the community as relaxation areas.

Source: URBAN GreenUp (2018). NBS Catalogue

Case Study

Corktown Common Park, Toronto, Canada

