

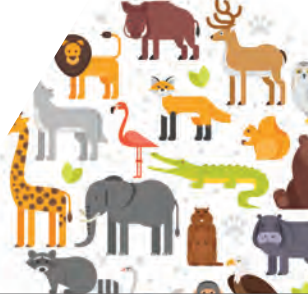
**biodiversity
habitat protection**



Beehive Gardens

Facilities for the breeding of bees were introduced in order to increase plant pollination rate, help to develop local agriculture, and organise environmental educational programs.

Interventions in Ecological and Habitat Biodiversity



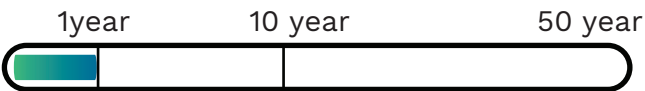
Related Main Indicators



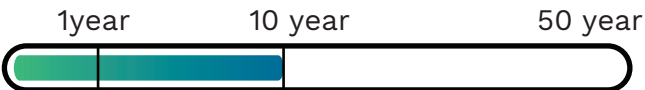
Expected Co-Benefits

- CLIMATE CHANGE ADAPTATION
- ECOSYSTEM RESTORATION
- GREEN ECONOMY AND JOBS
- INDIVIDUAL AND COLLECTIVE OUTCOME

Process of impact measure



Lifespan of the solution



Construction cost	Maintenance cost	Adressed themes
\$ \$	\$	environment people

Best practice example

Beekeeping Station Bielefeld, Bielefeld - Germany





**CLEVER
Cities**

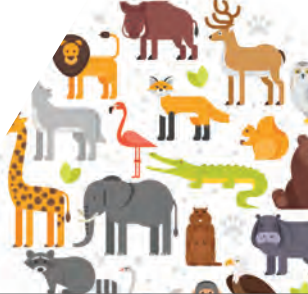
Bird Sanctuary and Gardening

biodiversity
habitat protection



Bird Sanctuary is to preserve and protect the bird species as part of the global community for future generations. Aim to create a world with diverse bird species are secure and thriving in a variety of stable ecological communities.

Interventions in Ecological and Habitat Biodiversity



Related Main Indicators



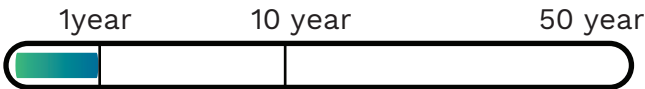
Expected Co-Benefits

CLIMATE CHANGE ADAPTATION

ECOSYSTEM RESTORATION

AIR QUALITY

Process of impact measure



Lifespan of the solution



Construction cost

\$\$

Maintenance cost

\$

Adressed themes

environment

Best practice example

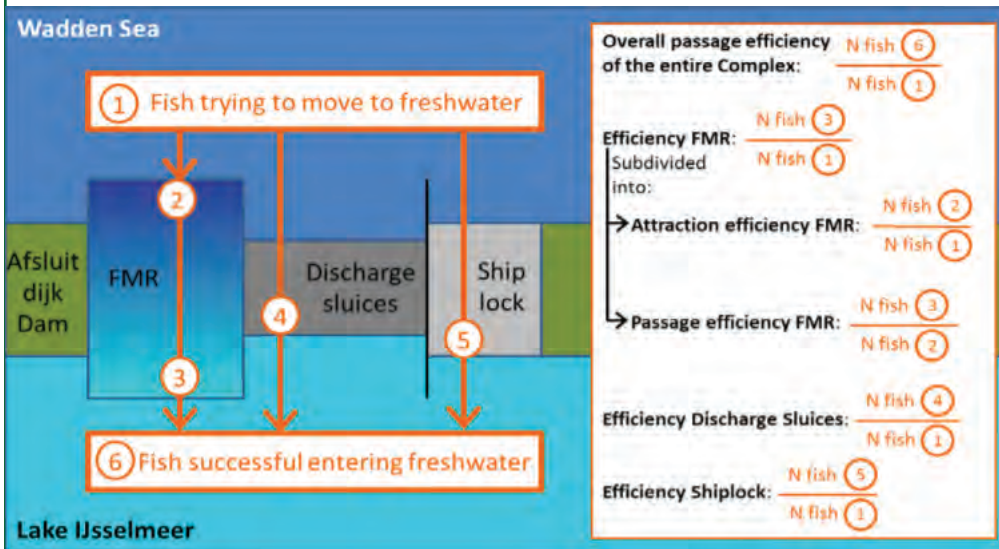
Lingang Bird Sanctuary; airport for birds,
Tianjin – China





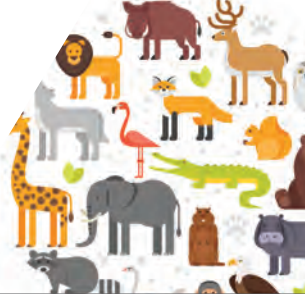
biodiversity
habitat protection
water management

Blue Connection Program



Cities are developing programs to enhance fish accessibility and efficiency of migration by monitoring, clearing, managing, and developing technical systems to fight with climate change problem of extinction of fish types.

Interventions in Ecological and Habitat Biodiversity



Related Main Indicators



Expected Co-Benefits

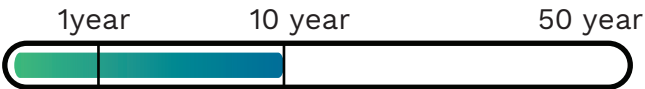
CLIMATE CHANGE ADAPTATION

ECOSYSTEM RESTORATION

AIR QUALITY

WATER MANAGEMENT

Process of impact measure



Lifespan of the solution



Construction cost

\$ \$

Maintenance cost

\$

Adressed themes

environment
accesibility

Best practice example

[Ljubljana Connects](#)





**CLEVER
Cities**

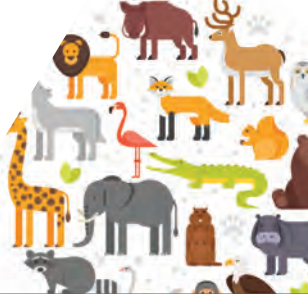
**biodiversity
habitat protection**



The Butterfly Park

A park design solution dedicated to attracting butterflies by plants and natural values to create natural habitation within cities or in outer-skirt of cities to increase the numbers and protect the species.

Interventions in Ecological and Habitat Biodiversity



Related Main Indicators



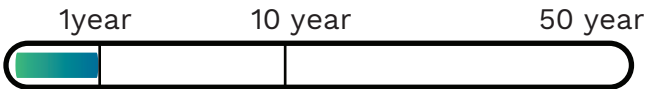
Expected Co-Benefits

CLIMATE CHANGE ADAPTATION

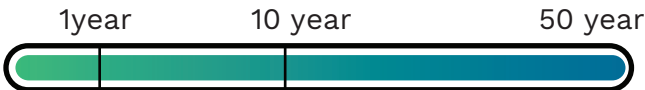
ECOSYSTEM RESTORATION

AIR QUALITY

Process of impact measure



Lifespan of the solution



Construction cost

\$\$

Maintenance cost

\$

Adressed themes

environment

Best practice example

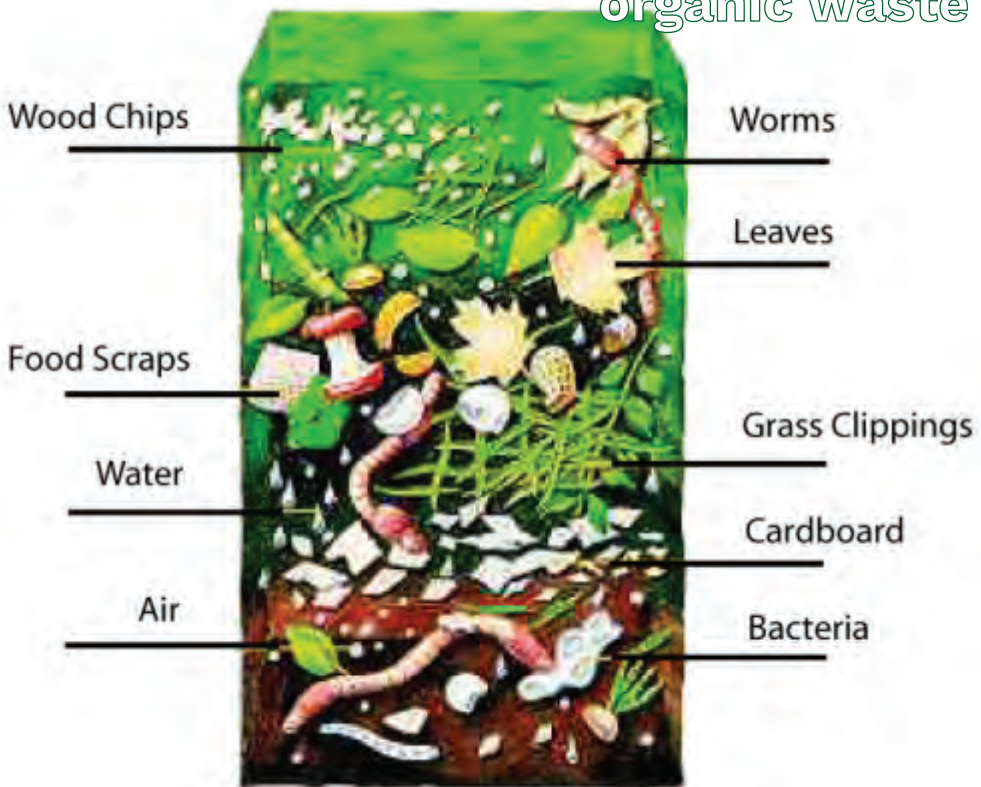
Butterfly Gardens, Sri Lanka
Dubai Butterfly Garden





**CLEVER
Cities**

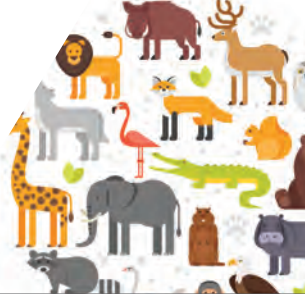
biodiversity
habitat protection
organic waste



Garden of Worms

Earthworms are beneficial to soil and can be used for composting, recycling, as fertiliser and help the soil to obtain more water, and they loosen the soil so oxygen and aerobic bacteria can reach to roots of the plants.

Interventions in Ecological and Habitat Biodiversity



Related Main Indicators



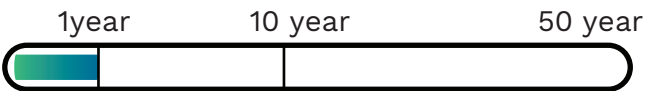
Expected Co-Benefits

CLIMATE CHANGE ADAPTATION

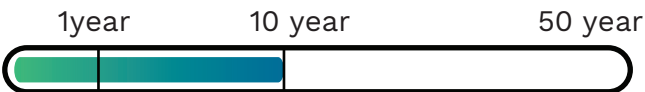
ECOSYSTEM RESTORATION

LAND PRODUCTIVITY

Process of impact measure



Lifespan of the solution



Construction cost

\$

Maintenance cost

\$

Adressed themes

environment

Best practice example

[Readymade Worm Farms Kits](#)

[Home-made Worm Farms](#)



EHB05



**CLEVER
Cities**

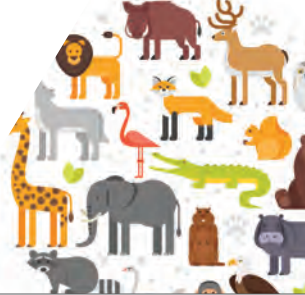
**biodiversity
habitat protection**

Green Bridges For Wildlife



Construction of bridges and tunnels on or under highways to easy accessibility and connection between different habitats to ensure the safety of the wildlife and protection of green space and nature.

Interventions in Ecological and Habitat Biodiversity



Related Main Indicators



Expected Co-Benefits

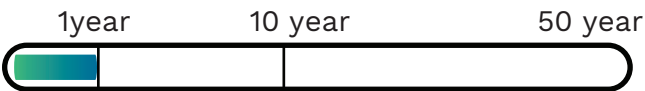
CLIMATE CHANGE ADAPTATION

ECOSYSTEM RESTORATION

URBAN REGENERATION

IMPROVE SAFETY AND SECURITY

Process of impact measure



Lifespan of the solution



Construction cost

\$ \$ \$

Maintenance cost

\$ \$

Adressed themes

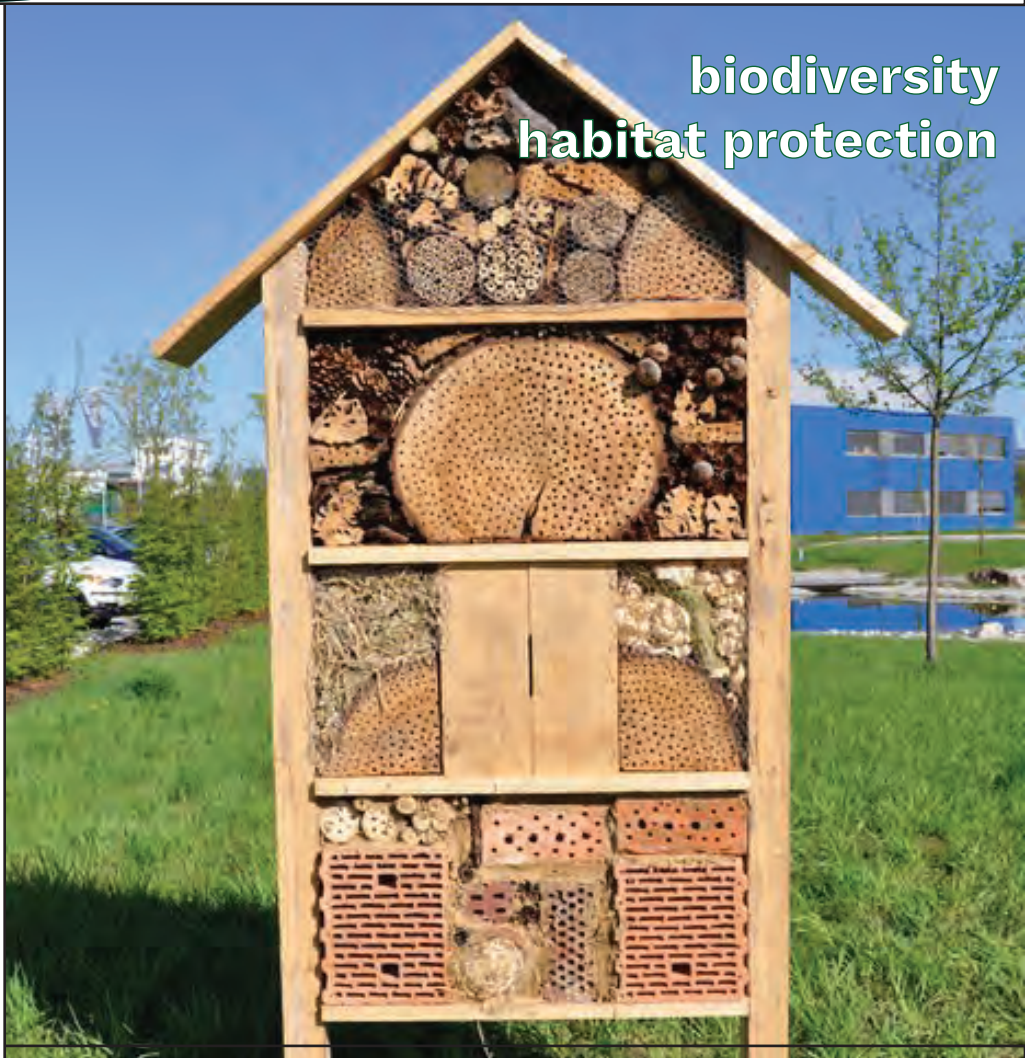
environment
people
accessibility

Best practice example

A wildlife crossing under the Trans-Canada Highway in Banff National



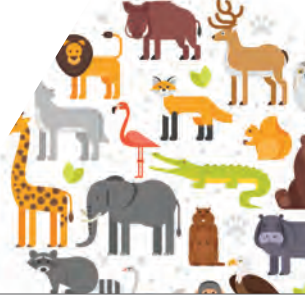
biodiversity
habitat protection



Hotel for Insects

A living space made by sustainable materials; mainly wooden, to create a refugee space for insects, bees, and butterflies.

Interventions in Ecological and Habitat Biodiversity



Related Main Indicators



Expected Co-Benefits

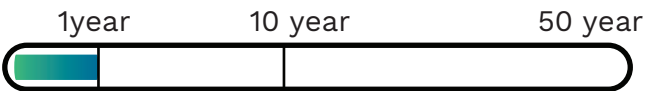
CLIMATE CHANGE ADAPTATION

ECOSYSTEM RESTORATION

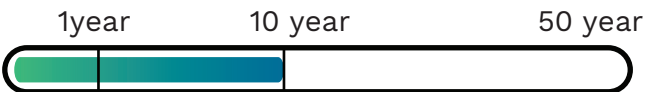
LAND PRODUCTIVITY

IMPROVE SAFETY AND SECURITY

Process of impact measure



Lifespan of the solution



Construction cost

\$

Maintenance cost

\$

Adressed themes

environment

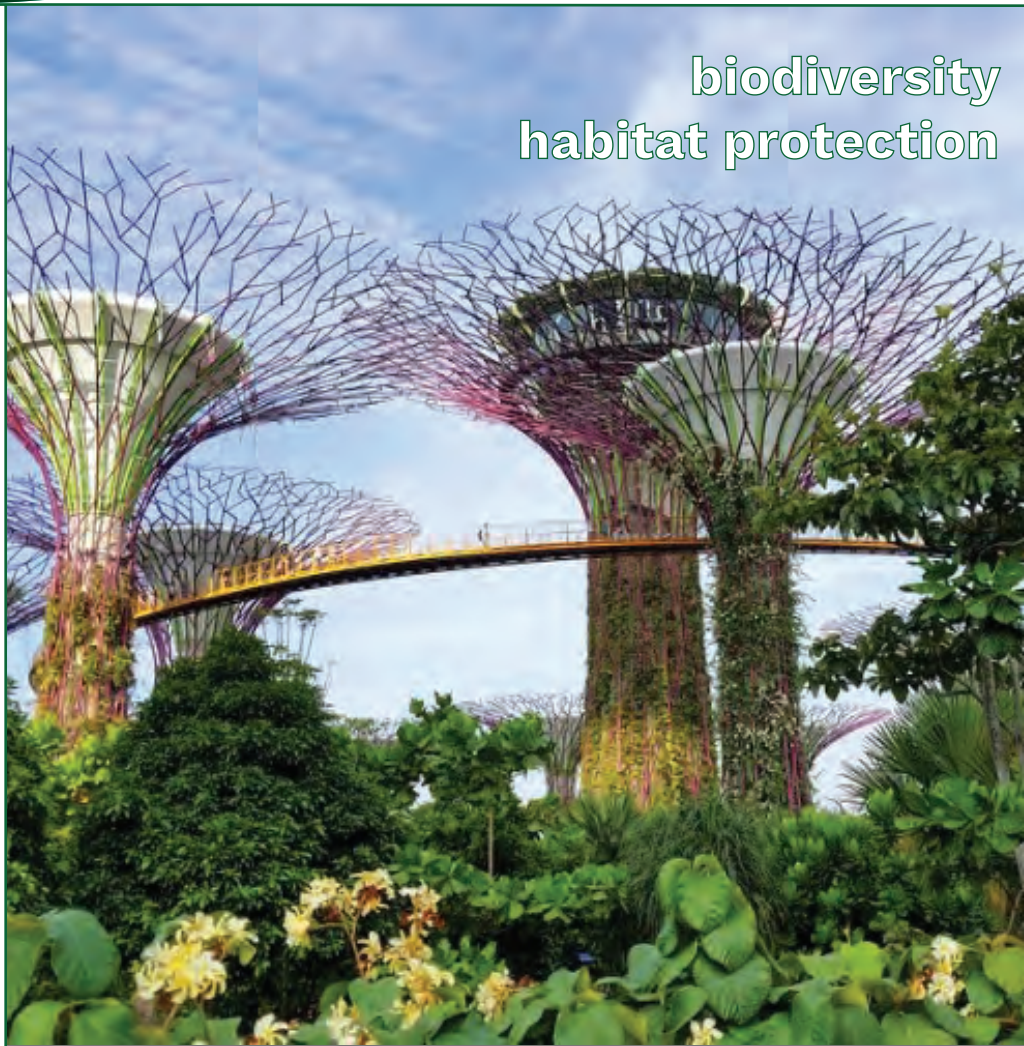
Best practice example

The Byodo Hotel for Insects, Mühldorf – Germany



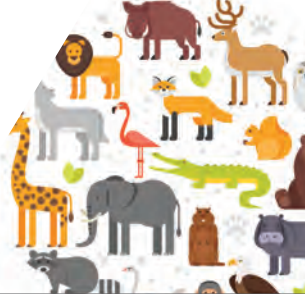
EHB07

biodiversity
habitat protection



Introduce more facilities for fauna in the urban context to increase biodiversity. Include fauna in general in urban planning

Interventions in Ecological and Habitat Biodiversity



Related Main Indicators



Expected Co-Benefits

CLIMATE CHANGE ADAPTATION

ECOSYSTEM RESTORATION

URBAN REGENERATION

IMPROVE SAFETY AND SECURITY

Process of impact measure



Lifespan of the solution



Construction cost

\$ \$ \$

Maintenance cost

\$ \$

Adressed themes

environment

Best practice example

Gardens by the Bay, Singapore



EHB08