CLEVER Cities

Green Roof Canopy

air quality improvement
CO2 reduction
noise pollution reduction

It aims to reduce the negative environmental effects of high capacity transportation systems like noise and air pollution.

Interventions in Transport Linear Infrastructures

Related Main Indicators
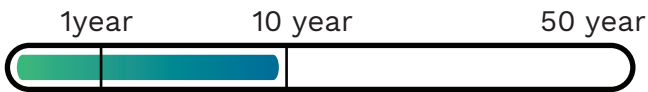

Expected Co-Benefits
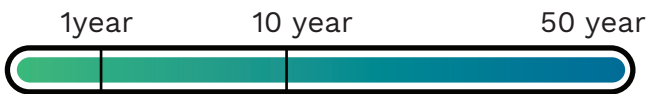
AIR QUALITY

HEALTH AND WELLBEING

CO2 REDUCTION

CLIMATE CHANGE ADAPTATION

URBAN REGENERATION

	1year	10 year	50 year
Process of impact measure			

	1year	10 year	50 year
Lifespan of the solution			

Construction cost	Maintenance cost	Adressed themes
$ $ $	$ $ $ $	environment energy people accesibility

Best practice example	Green Roof Covering: A7 tunnel construction in Altona / Hamburg

TLI01

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Green Noise Barriers

Greennoise barriers include all noise abatement/mitigation structures that form a part of a road system, including vertical, cantilevered/curved barriers and noise enclosure including in the design vegetation adapting to the surrounding environment, at grade or on elevated structures.

Interventions in Transport Linear Infrastructures

Related Main Indicators

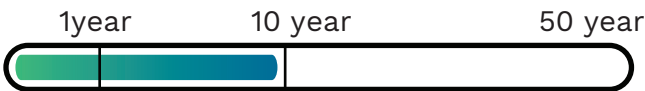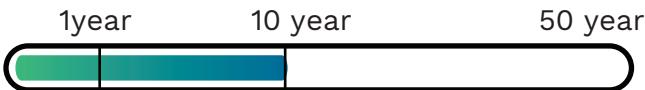## Expected Co-Benefits

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Process of impact measure			

	1year	10 year	50 year
Lifespan of the solution			

Construction cost	Maintenance cost	Adressed themes
$ $	$	environment people

Best practice example   Green noise barrier A348 near Velp in the province of Gelderland

TLI02