

URBAN GREEN-BLUE GRIDS

for sustainable and resilient cities

Measures › Water › Making water visible: above-ground drainage › Gutters › Open gutters

Open gutters

Data

Length: Variable

Depth: Variable

Slope: Variable

Water ●

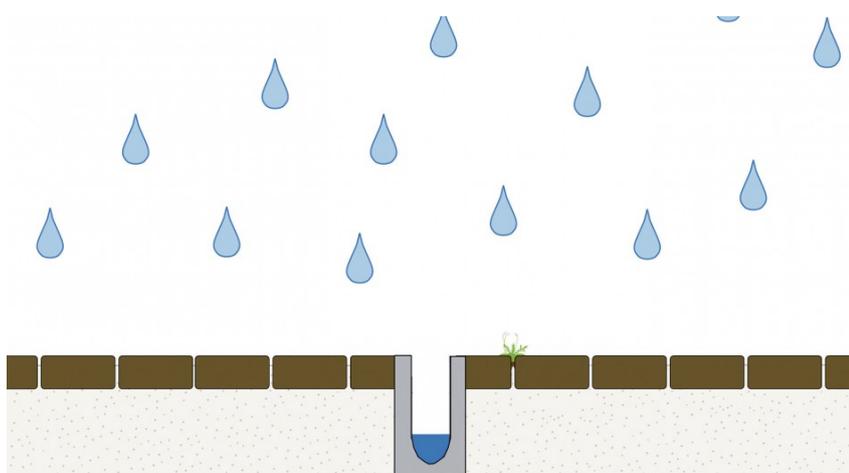
Social and economic importance ●

Construction costs ●

Maintenance/management ●

Open gutters can drain more water due to the larger possible depth and are less dependent on natural or artificial slopes. However, they cannot be cleaned with a standard road sweeper, and they can be an obstacle or a hazard for road users (prams, bicycles, etc.). This should be considered in the design phase.

You see this type of open gutters in Germany in areas with a natural slope in the landscape. Because of this they don't need to be flushed.



Section scheme © atelier GROENBLAUW, Marlies van der Linden



Line gutter in The Hague, The Netherlands © Line gutter in Den Haag [photo by atelier GROENBLAUW, Amar Sjaw En Wa

Source: <http://www.urbangreenbluegrids.com/measures/gutters/open-gutters/>

atelier **GROENBLAUW**

Green-blue urban grids make cities sustainable, resilient and climate-proof. This website and the design tool will help to find fitting measures and inspires with attractive examples.