

International Green Roof City Network

Case Study Amsterdam, Netherlands



1) City Data

Location

Amsterdam is the capital city of the Netherlands, situated in the western part of the country, near the North Sea.

Area

219 km²

Population

780,559 (1 January 2011)

Other Information

The climate can be described as a sea climate. Mild Summer and mild Winter (mean temperatures in °C: Amsterdam Airport 1981 – 2010 winter 3.7, spring 9.4, summer 16.8, autumn 10.9; precipitation winter 195.4 mm, spring 144.9, summer 117.9, autumn 188.6).

Source: www.klimaatatlas.nl/tabel/stationsdata/klimtab_8110_240.pdf

2) Description of the local Green Roof Policy Initiative

2.1 Start

In about 2000 the program started with an instruction about using green roofs. In 2009 a subsidy program started. In 2011 two icons (demonstration projects) were chosen. Within two years about 500,000 Euro have been used to promote green roofs and green walls.

2.2 Expected environmental benefits

- Stormwater management
- Biodiversity
- Urban Heat Island Effect
- Air Quality
- Climate Change
- Energy Savings
- Beautification of the City

2.3 Environmental benefit that is the carrier of the green roof initiative

There is no special carrier. We promote that green roofs have various benefits.

2.4 Support instruments that are used by the municipality to promote green roofs

- Building, landscape, energy, or other code or policy (e.g. land-use plan, green roof bylaw, zoning code, green factor, design regulations, etc.)
- Reduced stormwater fee
- Financial Incentives
- Tax Credits
- Favourable Credit Terms
- Density Bonus
- Demonstration Projects
- Ecological Labels
- Press, Internet
- Education and Information (e.g. seminars, conferences, green roof tours, etc.)
- Research
- Local Green Roof Guidelines
- Consultancy offer for constructors, investors, building owner
- Other instruments: Financial incentives for schools

Description of support instruments

Financial Incentives: The city is offering 50 % of the costs of a green roof with a maximum of 50 Euro/m². For schools and social housing companies there are different rules.

Demonstration Projects: There are also two 'icons': special project to show the possibilities of green roofs.

3) Number and area of green roofs

The number of green roofs is about 200, with a total surface of about 120,000 m²

4) Challenges and future prospects

Promoting green roofs without financial incentives.

5) Contact persons

Gemeente Amsterdam - Ruimte en Duurzaamheid

Auke Brouwer

E-Mail: a.brouwer@amsterdam.nl

Netherlands

6) Internet resources

http://www.amsterdam.nl/toerisme-vrije-tijd/groen-natuur/groene_daken/

http://maps.amsterdam.nl/groene_daken/

(Dutch language)