

Climate Resilient Neighborhood



→ The City of Copenhagen wants to create a green climate resilient neighborhood in the city's Østerbro district.



ENVIRONMENTAL

Climate adaptation solutions improve urban biodiversity, reduce CO2 emissions, and reduce the urban heat island effect in the city.



SOCIAL

Access to green areas increases public health and provides new spaces for social interaction.



ECONOMIC

Green and surface-based climate adaptation provides a double benefit (reducing the cost of damage from cloudbursts, increasing liveability) and is cheaper than expanding sewers.



Developed in Copenhagen, Denmark

Deployed in **Denmark**



In the Klimakvarter (climate neighborhood), located in Copenhagen's Østerbro district, planners want to **prepare the city for heavy rains** with green solutions at street level. The improvements create lush, green urban spaces while **leading water from cloudbursts away from inhabited buildings** to areas where it causes no damage.

The solutions are being developed **in cooperation with local residents** and target both public (streets) and private areas (inner courtyards).

Why a Sustainia100 solution?

Researchers expect that climate change will bring more heavy rains and cloudbursts to Copenhagen's densely built city center, where the sewer system is ill-equipped to handle the increased rainfall. Expanding the sewer system would be expensive, and would require digging up large parts of the city for decades, disturbing traffic and disrupting city life.



Large areas of asphalt will be transformed into green areas, trees and rain-gardens. By optimizing the streets, a green, thriving urban space can be created while still leaving room for cars, cyclists and pedestrians.