GREEN PUBLIC COURTYARDS

OBJECTIVE

Obtain less heat in summer in the city centre.

DESCRIPTION

Conversion of parking spaces, courtyards, schoolyards, playgrounds, public seating areas, public plazas, vacant lots in green parks where citizens can relax, meet and play. The conversion consists of removing the stony surface, so that rainwater can be drained at the square and kept away.

EXPECTED RESULTS

Reduce heat in courtyards; change hot stone courtyard into cool, green-blue places; create a better storage of rainwater to make the inner city more attractive and liveable; opportunities to enhance biodiversity.

RESULT INDICATORS

Green areas replaced [m^2]

INVOLVED ACTORS

Housing corporations, citizens living close to the courtyards, builders.

EXPECTED TIMELINE FOR ACTION

- Short term (1-4 years)

BEST PRACTICES

- Nijmegen – Netherland
- Roxbury – Massachusetts
- Lugano – Switzerland; Lombardia Region – Italy; Seattle – US
- Apulia Region – Italy
- Giovinazzo – Apulia Region – Italy

CRITICALITIES

Parking spaces are as important as urban green for the public space of city.

SCOPE OF THE ACTION

- Adaptation

TYPE OF PROPOSED ACTIONS

- Green

SECTOR OF ACTION

- Biodiversity / Conservation of ecosystems
- Public health
- Urban settlement

CLIMATE IMPACTS

- Change or loss of biodiversity
- Drought
- Extreme precipitation
- Extreme temperatures
- Floods

IMPLEMENTATION SCALE

- Municipality
- Region / Country

SOURCE

http://www.future-cities.eu/fileadmin/user_upload/pdf/FC_AdaptationCompass_Supplement_web.pdf
https://www.euro.who.int/__data/assets/pdf_file/0010/342289/Urban-Green-Spaces_EN_WHO_web3.pdf%3Fua=1