CREATE OR REPAIR FOUNTAIN TO COPE WITH HEAT WAVES IN CITIES

OBJECTIVE

Become resilient to global warming.

DESCRIPTION

Creating and/or repairing fountains for drinking and cooling. Repairing historic drinking fountains and installing new ones creates more opportunities for people experiencing the negative effects of heat in the city. They can use the water for drinking when feeling thirsty or they use the water to cool down.

EXPECTED RESULTS

To increase the number of built environment options and technological options.

RESULT INDICATORS

Decrease surrounding air temperatures [°C] and cooling effect up to a few meters away.

INVOLVED ACTORS

Local Public Authorities, urban planners, architects, citizenship.

EXPECTED TIMELINE FOR ACTION

- Short term (1-4 years)

BEST PRACTICES

- Antwerp – Belgium
- Košice and Trnava – Slovakia

CRITICALITIES

This measure could determine an increase in water consumption, which could be unsustainable during droughts and heat waves.

SCOPE OF THE ACTION

- Adaptation

TYPE OF PROPOSED ACTIONS

- Grey

SECTOR OF ACTION

- Public health
- Urban settlement
- Water resource management

CLIMATE IMPACTS

- Extreme temperatures

IMPLEMENTATION SCALE

- Municipality

SOURCE

https://climate-adapt.eea.europa.eu/metadata/adaptation-options/water-uses-to-cope-with-heat-waves-in-cities