

# CITY TWINNINGS ON CLIMATE CHANGE ADAPTATION

2015-2016

**13**  **visits**

**31**  **cities**



The twinning programme connects learning cities that are starting their adaptation work to mentor municipalities that have already developed successful strategies to make their territories more resilient.



# Climate adaptation examples



## FLOODING

- ★ **Bratislava** grants a **50% subsidy** to households implementing **Sustainable Urban Drainage** measures on their property
- ★ The cloudburst plan of **Copenhagen** includes more than **300 projects**, many of them involving private owners
- ★ The White Cart Water flood defense project in **Glasgow** protects **7,200 homes and businesses**
- ★ **Munich** renatured **8 kms** of the Isar **river banks**
- ★ **Isola Vicentina** implemented a **10 hectares'** reforestation project



## URBAN HEAT ISLAND

- ★ **Barcelona** monitors the **energy** consumption of **47 public buildings**
- ★ **Bologna** launched **28 projects** in 2014 dedicated to **replace sealed surfaces** with permeable areas
- ★ **Lisbon** created **32 hectares** of urban allotment **gardens**



## WATER SCARCITY

- ★ **Murcia** reduced water **consumption from 135 litres/person/day** in 1999 to **107** in 2015 thanks to active water saving campaigns
- ★ **Sevilla** reduced water **leakages from 24%** in 1999 to **14%** in 2015 thanks to smart water management
- ★ The use of **endogenous species** in green spaces in **Cascais** can **divide water consumption by 2**



## SEA LEVEL RISE

- ★ **1000** new **housing units** were created in the resilient district of Luciline in **Rouen**



## AWARENESS RAISING

- ★ The bio-observatory of **Valencia** educates **children** to make a **reasonable use** of **natural resources**

Find all twinning reports: <https://goo.gl/BJFSx2>  
Next call for applications: Summer 2017



## Tips

### from twinned cities

- Create areas that people benefit from, not just solve adaptation problems.
- Make sure that adaptation is included in the city's general development plans and planning documents: do not work alone!
- Secure stakeholder support.
- Start with early-stage intervention in city planning and pilot projects.
- Keep in mind biodiversity and conservation goals.
- Don't forget maintenance when estimating the costs and benefits of your adaptation measures.
- Integrate health and other co-benefits of having more green areas in the city in the business case. Assessing ecosystem services can help you.

Twinning visits  
continue within



Covenant of Mayors  
for Climate & Energy  
[www.eumayors.eu](http://www.eumayors.eu)