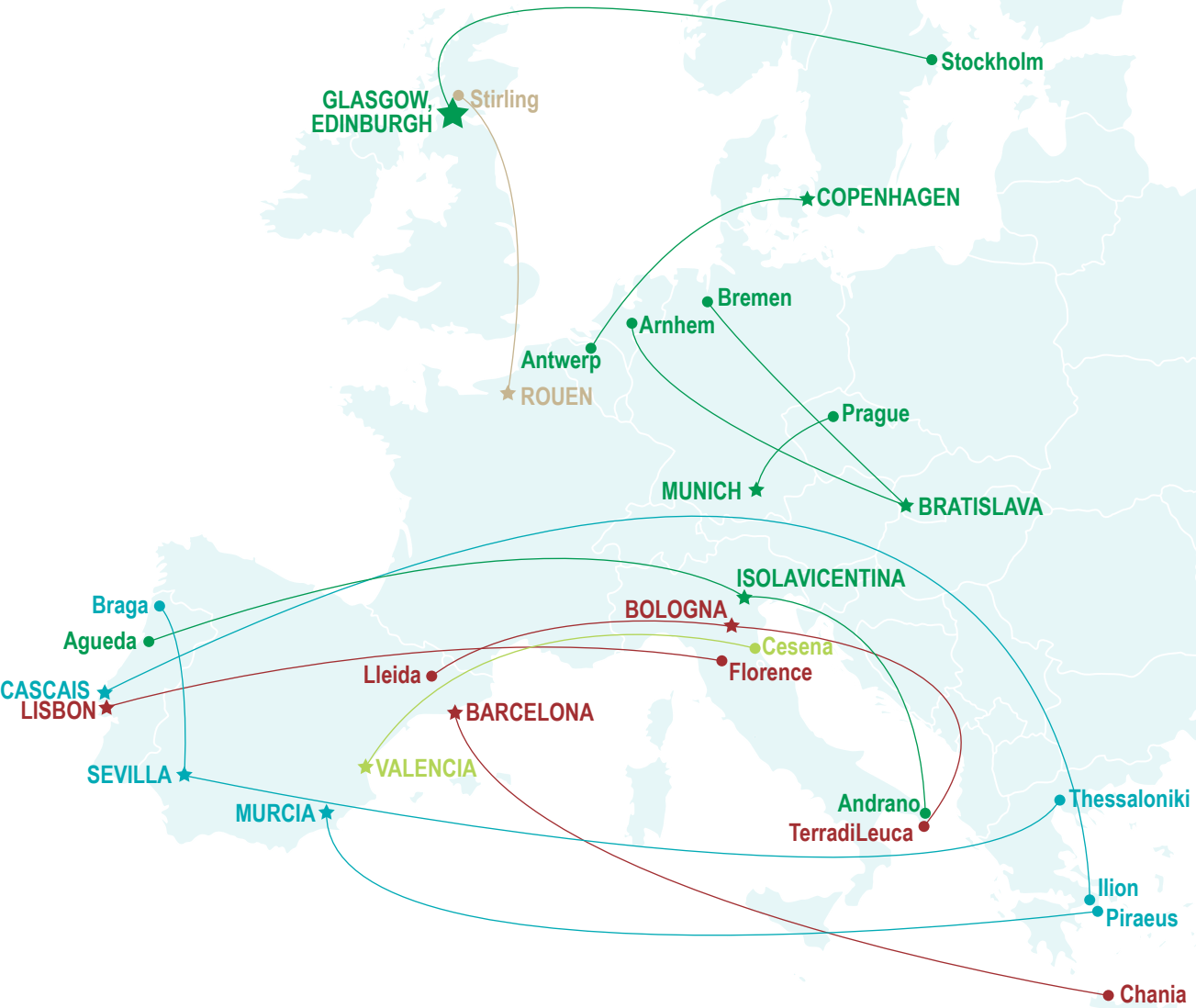


CITY TWINNINGS ON CLIMATE CHANGE ADAPTATION

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



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