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**EU4Environment**  
Water and Data in Eastern Partner Countries

## Site visit to 4 examples of nature-based solutions

**29 June 2023**

Organised by **Umweltbundesamt Vienna**

### Logistical information

**Departure** by bus has been arranged at 8:30 on Thursday 29 June, at [Hotel Mozart, Nordbergstraße 4, 1090 Vienna, Austria](#).

**Lunch** will be provided as a picnic.

The trip will **end around 18:30**. Optional trip to a local winery (costs not covered).

Please have **good walking shoes** with you: we will go twice on soft - rocky terrain.

**Bring some sun protection with you (hat, cap, sunmilk or similar)**. We expect 27 degrees and sunshine.

[Please register before 23 June](#)

### Programme

**Objective:** Present examples of different types of NbS and discuss practical experience of **identifying, financing, designing and implementing Nature-based Solutions** to inspire what can be effectively implemented in EaP countries.

**Restoration on urban creeks:** How does the City of Vienna improve flood protection, biodiversity and recreational qualities? A 1 km walk will lead us to a section of the 18 km long project to see the canalized creek before and soon after reconstruction and after 20 years. A city representative will explain the design, financing and challenges of measures.



Photos: © MA45, Vienna

**Re-introduction of sturgeon:** All sturgeon species are threatened by extinction in Europe in the Black Sea region. Government, academic and NGO partners cooperate on

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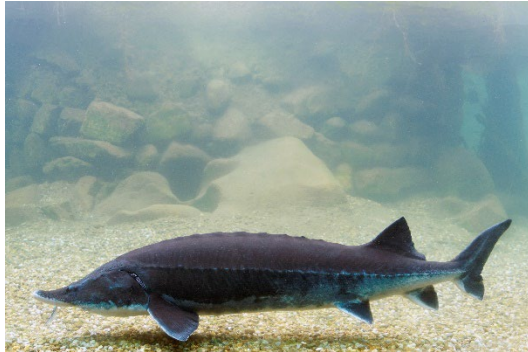




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EU-supported conservation measures for 4 sturgeon species in Austria and Romania. At the Danube island in the city, we will visit the breeding station for releasing young fish back into the wild.



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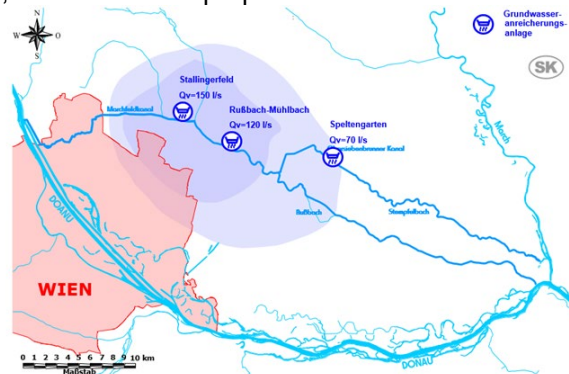
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**Fish migration over hydrodam:** according to the EU Water Framework Directive, fish migration must be restored over dams and weirs. In Austria, this requires over 1000 bypass structures: We will visit one at the big Danube hydrodam upstream Vienna: it is 4 km long and surpasses 14 m. A guide from the Austrian Hydropower company VERBUND will explain why they build such structures and how they monitor its effect.



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**Groundwater recharge:** The Marchfeld canal supplies a large region north-east of Vienna dominated by intensive agriculture that has often been subject to droughts and floods. Today, growing communes and industry also demand stable water supply. For over 20 years, this canal allows direct extraction by farmers, targeted aquifer recharge as well as improved recreation and ecology. The public corporate agency's operational manager will explain the institution, tasks and multi-purpose services. We then will visit the site nearby.



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