



Successful projects and examples

Canal Renaturation

CANAL RENATURATION

River Liesing & River Wien Fluss – Austria

Small rivers used as canals in concrete, which have been successfully renatured:

http://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n_proj_id=2118#RM

https://urban-waters.org/sites/default/files/uploads/docs/living_river_liesing.pdf



CANAL RENATURATION

Singapore and the ABC Programme

River restoration on large scale:

<https://www.pub.gov.sg/>

<https://www.pub.gov.sg/abcwaters/about>



Interactive Maps

 Explore ABC Waters	 Flood Prone Areas & Hotspots	 Water Level Sensors & CCTVs	 Construction Projects
The Active, Beautiful, Clean Waters Programme has transformed some of our blue spaces into postcard-pretty community spaces for all to enjoy.	Through concerted effort, careful land development planning and a continuous drainage improvement programme, flood prone areas have reduced tremendously over the years.	On rainy days, you can track on ground situation through our CCTVs and water level sensors in canals and drains.	To improve your environment, projects on water supply/used water system and drainage are carried out across the island.



CANAL RENATURATION

The Emscherumbau - Germany

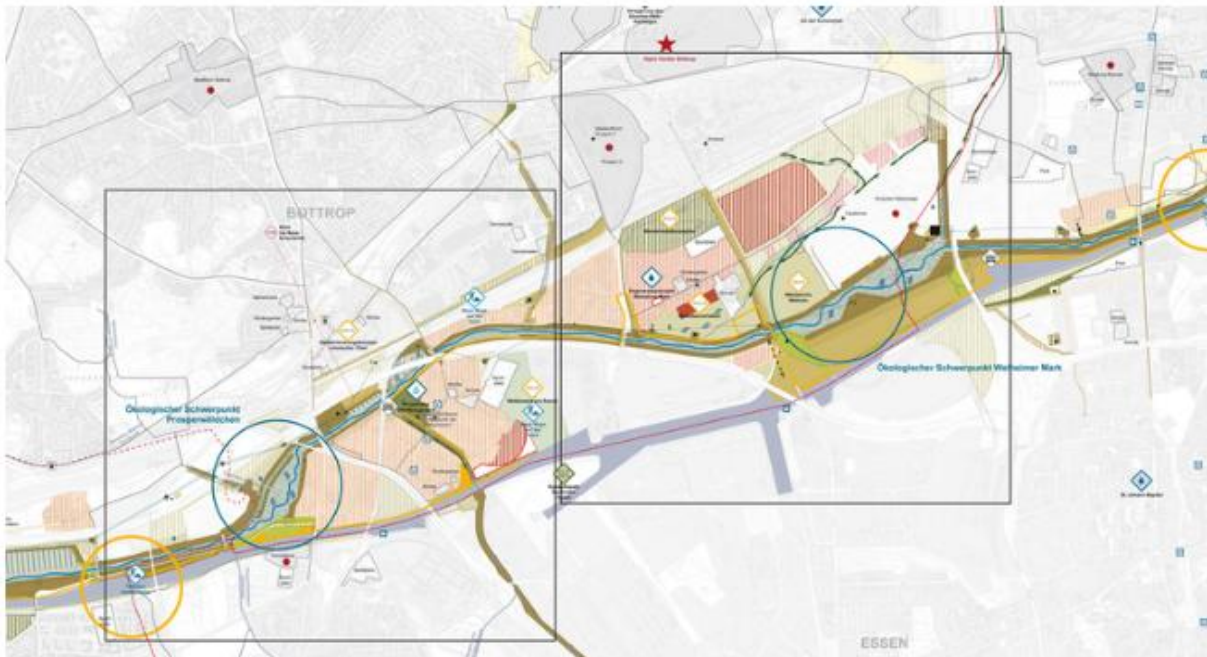
The “**Emscherumbau**” is a project in which a small river is being revitalized and renatured. The river is flowing through the Ruhr area and was formerly used as an open waste water disposal. It is a large project, which is steered from an institution called EmscherGenossenschaft who is collaborating with the cities. Also the smaller channels flowing into the Emscher river will be /are already renatured. The whole process goes along with the idea to create a huge landscape park in the area around the river, which is connecting the cities with blue and green infrastructure.

<https://naturvation.eu/nbs/essen/restoration-emscher-river>

<https://www.german-architects.com/en/astoc-architects-and-planners-koln/project/masterplan-emscher-zukunft>

<https://climate-adapt.eea.europa.eu/metadata/case-studies/a-flood-and-heat-proof-green-emscher-valley-germany/11305620.pdf>

<https://climate-adapt.eea.europa.eu/metadata/case-studies/a-flood-and-heat-proof-green-emscher-valley-germany>



The River Restoration Centre and their Manual of River Restoration Techniques - UK

An interactive map with project examples across the UK is also provided: