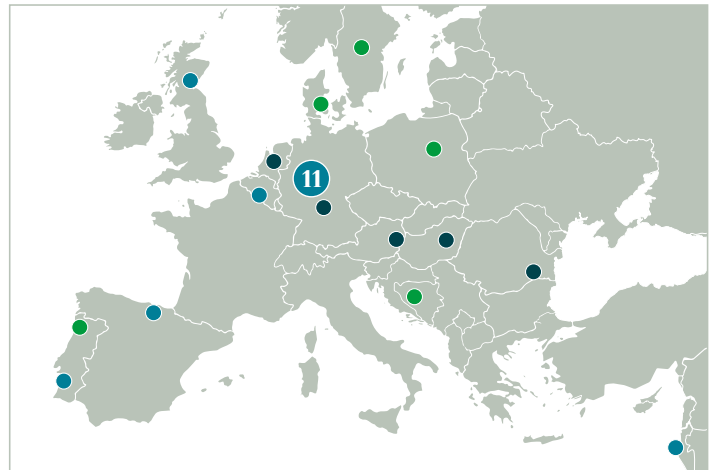




CS number: 11 – Emscher catchment
Case study cluster: small streams and basins
Country: Germany
Scientific partner: University Duisburg-Essen (UDE)
Implementation partner:
 Emschergenossenschaft (EGLV)
Twinning case study: Leipzig: revitalisation of
 streams, floodplains and riparian forests
Website: www.eglv.de



Demonstration

- **Type of restoration:** Emscher restoration: restoration of channelised and wastewater-carrying Emscher river and tributaries (350 km) in a 30+ year project (> 5,6 billion €)
- **Size:** catchment scale (800 km²)
- **Location(s):** restored river stretches and ecological hot spots in the entire Emscher catchment
- **Value of the case:** river and floodplain restoration, flood protection, urban climate resilience, biodiversity enhancement, recreation, regional development and well-being
- **Stakeholders involved:** municipalities (spatial and landscape planning, climate adaptation, infrastructural development), agencies and authorities, NGOs (nature protection), citizens, research, artists & cultural heritage, mining companies
- **Sectors involved:** (insurances)
- **Innovations being applied:** –

Implementation plans

- **Type of restoration:**
 - 1) transition in land use of dikes and near river areas towards extensive meadows
 - 2) synergies between river maintenance and nature protection
 - 3) participation activities (e.g. citizen science)
- **Size:** approx. 100 ha
- **Scope:** regional
- **Vicinity:** urban
- **Stakeholders to involve:** water management (river keepers), agencies and authorities, nature protection (NGOs), education, tourism, citizens, land owners
- **Innovations to be applied:** innovative large-scale technical solution for mowing high flowering meadows along dikes with collection and use of the cutting material