



KEY THEMES OF A WATER SENSITIVE CITY EXPLORED AND THE PROJECTS THAT CAPTURED EACH THEME THE BEST:

Catchment Scale

Isar River—Munich

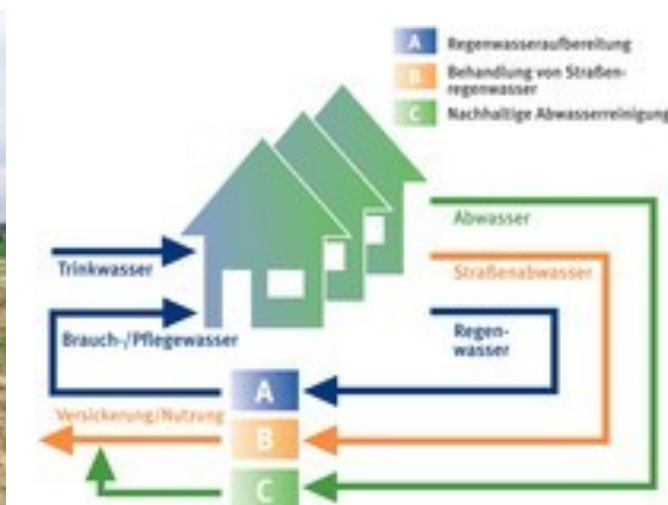
- Restoration of the Isar course to its natural state.
- Aim is to ensure flood protection, create a nature oriented riverside and improve recreational and leisure qualities of the river.
- Swimmable river in a capital city.



Innovation

DEUS₂₁—Stuttgart

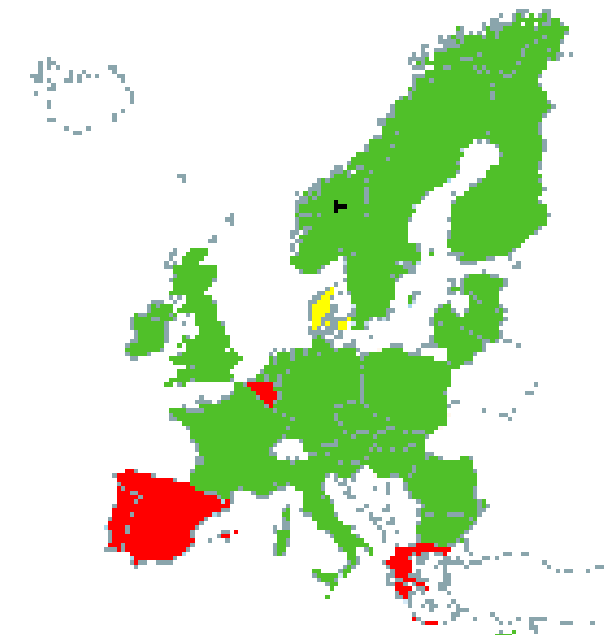
- Decentralised Urban Infrastructure Systems (DEUS₂₁).
- Represents a new type of water infrastructure concept.
- Innovative and flexible infrastructure.
- Includes vacuum sewers, anaerobic wastewater treatment, biogas recovery and use, integrated water system.



Policy

EU Water Framework Directive

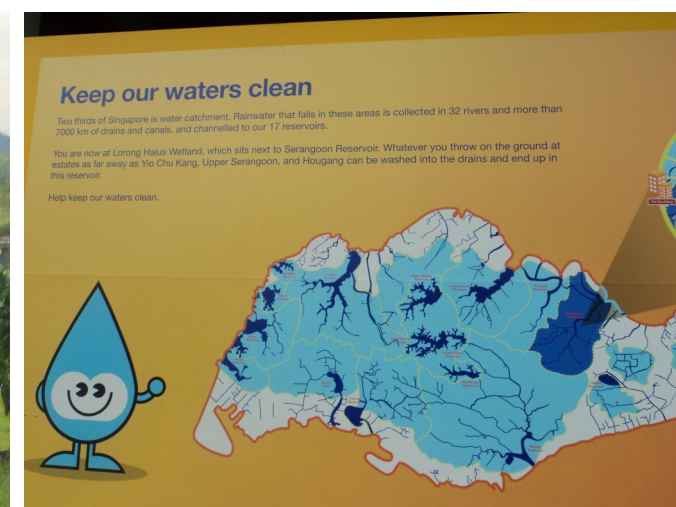
- EU legislation and policy applicable to all EU countries.
- Integrated approach to protection, improvement and sustainable use of Europe's rivers, lakes, estuaries, coastal waters and groundwater.
- Objectives are to protect from pollution and protect and restore the structure and function of aquatic ecosystems.



Community

Active Beautiful Clean (ABC) Program—Singapore

- Develop water bodies beyond functional use.
- Make aesthetically pleasing attractions which facilitate recreation and community interaction.
- Tap ideas from (people, public, private) in managing catchments, community spaces, protecting water quality and community safety.



Sustainability and resilience

Western Harbour— Malmö

- Former brownfield land.
- Green Space Factor—new planning tool.
- 100% locally produced renewable power.
- Source sorting waste system. Biogas generation for electricity and heat generation.
- Open stormwater system integrating people with water.
- Encourage public transportation and bike options.



Liveability

City of the Sun and Park of Luna — Netherlands

- Carbon neutral residential development.
- Complete change in landscape from rural farmland.
- 3,000 houses, 49ha square island, 60ha lake.
- 375MW solar generation.
- Open space area incorporating water treatment process.

