

LIVING WITH WATER PARTNERSHIP, HULL, UK



Sector

Highlights

- Biodiversity
- Carbon mitigation
- Community engagement
- Ecological uplift
- Education
- Property protection

Project owner

Living With Water

Project start/completion

2020 - Ongoing

Location

Hull, Northeast England

Community impacted

Urban, Coastal, Rural

Hazards mitigated

Water stress, Flooding

Sharm El-Sheikh Adaptation Agenda

This project addresses outcomes from the Sharm El-Sheikh Adaptation Agenda within the Marrakech Partnership Water and Nature System.

Living With Water is a partnership between Yorkshire Water, Hull City Council, East Riding of Yorkshire Council, the Environmental Agency (EA) and the University of Hull, supported by Stantec. All stakeholders play an essential role in managing water in Hull and East Riding, and are collaborating to build food resilience, develop innovative water management systems, and highlight the region as a great place to live, work and visit.

ABOUT THE PROJECT

Hull and Haltemprice are situated within a bowl-shaped zone with sloping topography leading to D ÆDW XUEDQ DUHD WKLV FDXVHV UDLQZDWHU WR FROOHFW WULJJHULQJ ÆRRGV ZLWK RQO\ RI WKH DUHD FRQVLGHUHG QRW WR EH DW ULVN IURP ÆRRGLQJ)ORRG ULVN LV H[SHFWHG to increase as the population grows, urban creep decreases green space, climate change increases rainfall, and tide levels rise. Since 2007, there's been VLJQL\FDQW LQYHVWPHQW WR UHGXFH WKHVH LQFLGHQWV however, to prepare and adapt to climate change, a collaborative, long-term vision is required. The Hull and Haltemprice Blue-Green Plan was commissioned to look uniquely through a long-term lens, reducing WKLV ÆRRG ULVN 7KH SODQ WDNHV VKDSH EXLOGGLQJ XSRQ Yorkshire Water's published Drainage and Wastewater Management Plan (DWMP) enhancing collaboration across industries and stakeholders. It provides the XQGHUVWDQGLQJ RI LQWHJUDWHG VRXUFHV RI ÆRRG ULVN DQG how working in partnership can alleviate this challenge The plan describes how blue (waterways) and green (vegetated) infrastructure can work together, LPSURLQJ ÆRRG UHVLOLHQFH ZKLOH HQDEOLQJ VXVWDLQDEOH and healthy lifestyles and providing attractive places to live and work. Implementation of the plan will GHFUHDVH ÆRRG ULVN DV UDLQIDOO LV PDQDJHG DW WKH VRXUFH DQG WKH ÆRZ LV VORZHG 7KH UHVHDFK WHDP EURXJKW LQ H[SHUW NQRZOHGJH

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comfortable with water management. The region has 104 schools averaging 300-400 students each. Based on the data, it has been assumed that a minimum of 500 students will be engaged in school trips or

CLIFTON WASTEWATER TREATMENT WORKS YORKSHIRE, UK

Clifton Wastewater Treatment Works

Project owner
Yorkshire Water

Project start/completion
July 2020 – September 2021

Location
Yorkshire, UK

Community impacted
Urban, Rural

Hazards mitigated
Flooding

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and providing environmental, social, and economic

Clifton improved the resilience of people through a systems-thinking approach. At its core, the project delivers water treatment naturally, avoiding the need for chemical dosing, while also breaking down matter on-site, mitigating transport measures and decreasing pressure on global supply chains.

At a higher level, Clifton is ensuring wider resilience as it is being replicated all throughout the UK and

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