

# Multiple Benefits of a Catchment Approach to Managing Flood Risk



## Reduced demand on sewers

By managing water more effectively within a catchment less will enter sewers, reducing the risk of them surcharging during periods of heavy rainfall.



## Creation of green space and increase in biodiversity



By incorporating Sustainable Drainage Systems (SuDS) and Natural Flood Management (NFM) measures into a catchment, large, open green spaces can be created. Measures such as tree planting or wetland creation, can help maintain and create habitats and the improve the biodiversity of the catchment.



## Reduced Flood Risk

Flood risk will be better managed throughout the whole catchment and not just in the area that floods. Each management measure will work simultaneously to help manage flood risk more effectively.



## Improved Water Quality

Improvements in soil structure through improved/better land management can increase infiltration rates. Also, reconnection of wetlands helps to improve the health of our water bodies through natural processes.

SuDS improve water quality through filtration and they also slow the rate at which surface water enters our sewers. In combined systems this reduces the the amount that requires treatment.

## Creates Links throughout the catchment



Communities, landowners, water companies, Risk Management Authorities and all other organisations can all work together to manage flood risk and responsibility will not lie with one body.

## Valuable Local Flood Knowledge



Communities have valuable local flood knowledge from years of living in the area that is essential for flood risk management.

