


WATER

By 2050 steps will need to be taken to significantly reduce demand for water, reduce wastage and manage water resources in ways that eliminate emissions and protect them for the future.

Although this work will need to be led by the water industry, the Council will have a significant role to play in this work. Firstly, in reducing our own water demand. And secondly, in leading the county's flood risk management, alleviation and mitigation work.

After detailed evidence and information gathering exercises, led by the EAP and carried out by officer working groups, it has been recommended that the Council **implement the following 16 actions** in relation to Water.

Milestones have been identified for each action. This plan shows the immediate targets we will need to achieve by 2023 to keep us on track.

Find definitions for each of the symbols used in this plan in the...  [SYMBOL KEY](#)



ACTION PLAN: Water



OBJECTIVE	ACTION TYPE	CO ₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Reduce water demand	D I P				
ACTIONS					2021-23 TARGET
Make Dorset Council Buildings water efficient, by installing technologies such as flow regulators, water efficient toilets & shower heads	D I P				Audit programme developed & initiated + 25 buildings retrofitted by 2023
Reduce / replace demand on mains water within Dorset Council buildings by installing technologies such as rainwater harvesting and grey water systems	D I P				Future target beyond 2023
Provide information to residents and businesses on reducing water consumption, helping to improve understanding of the issues and solutions to better water management, reducing bills and carbon emissions	D I P				Meetings held with water companies + Content created & made available to residents in 2021
Ensure procurement specification favours water efficient equipment	D I P				Procurement specification updated in 2021
Ensure water use is minimised and reuse is optimised in new developments	D I P				Policy developed & communicated by 2023

D Direct action
I Indirect action
P Partnership / influence action
 Improves ecology
 Builds resilience
 Encourages economic sustainability
 Enhances health & wellbeing
 Estimated carbon saving potential
 Estimated cost to implement action

ACTION PLAN: Water



OBJECTIVE	ACTION TYPE	CO ₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Reduce wasted water	D I P				
ACTIONS					2021-23 TARGET
Carry out an in-depth assessment of water leaks across the Council's estate	D I P				Water leak tests carried out at 25 sites by 2023
Liaise with water companies to ensure water leaks are identified and eliminated in Dorset	D I P				Meetings held with water companies + plans assessed by end of 2021

OBJECTIVE	ACTION TYPE	CO ₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Increase Resilience to Climate Change	D I P				
ACTIONS					2021-23 TARGET
Avoid developments in flood risk areas & areas subject to tidal surges and coastal erosion	D I P				Policy developed & communicated by 2023

D Direct action
I Indirect action
P Partnership / influence action
 Improves ecology
 Builds resilience
 Encourages economic sustainability
 Enhances health & wellbeing
 Estimated carbon saving potential
 Estimated cost to implement action

ACTION PLAN: Water



OBJECTIVE	ACTION TYPE	CO ₂ SAVING POTENTIAL	CO-BENEFITS	COST	
<p>Increase resilience to Climate Change</p>	<p>D I P</p>				
ACTIONS					2021-23 TARGET
<p>Work with Environment Agency to identify areas at risk from flooding & ensure adequate protection is in place</p>	<p>D I P</p>				<p>Top 10 communities at risk identified + Investigations prioritised + Funding requirements identified by 2022</p>
<p>Work with water companies to ensure:-</p> <ul style="list-style-type: none"> climate resilience is being addressed sufficient supplies of good quality water will be available for Dorset Residents 	<p>D I P</p>				<p>Meeting held with water companies + Plans reviewed & assessed in 2021</p>
<p>Raising awareness to Riparian owners to maintain water courses to prevent flooding</p>	<p>D I P</p>				<p>Awareness raising materials developed + Message communi-cated to residents by 2021</p>
<p>Work with partners to create tree planting programmes to prevent flood risks and water pollution</p>	<p>D I P</p>				<p>Agree approach with key partners & implement initial programme by 2023</p>

D Direct action
I Indirect action
P Partnership / influence action
 Improves ecology
 Builds resilience
 Encourages economic sustainability
 Enhances health & wellbeing
 Estimated carbon saving potential
 Estimated cost to implement action

ACTION PLAN: Water



OBJECTIVE	ACTION TYPE	CO ₂ SAVING POTENTIAL	CO-BENEFITS	COST	
<p>Protect Water Supplies</p>	<p>D I P</p>				
ACTIONS	2021-23 TARGET				
<p>Carry out audit of all Dorset Council sites holding materials hazardous to water quality to ensure correct storage is in place & ensure pollution prevention equipment is properly maintained.</p>	<p>D I P</p>				<p>Water protection measures included in PRP Refresher training and on relevant training matrix in 2021</p> <p>+ All sites audited by 2022</p> <p>+ Schedule for future audits in place in 2022</p>
<p>Work with Environment Agency to ensure all high risk industrial and farming areas in Dorset have been identified and appropriate pollution prevention measures are in place</p>	<p>D I P</p>				<p>Meeting held with EA</p> <p>+ Plans reviewed & assessed in 2022</p>

D Direct action
I Indirect action
P Partnership / influence action
 Improves ecology
 Builds resilience
 Encourages economic sustainability
 Enhances health & wellbeing
 Estimated carbon saving potential
 Estimated cost to implement action

ACTION PLAN: Water



OBJECTIVE	ACTION TYPE	CO ₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Protect Water Supplies					
ACTIONS	2021-23 TARGET				
Work with partners to promote land management practices that prevent polluting water courses and ensure good water management					Plan developed & initiated in 2022
Work with County Farms and Green Spaces to ensure land management practices protect water supplies					Land management practices reviewed in 2021 + Guidance developed in 2022 + Guidance communicated to County Farms in 2022

D Direct action
I Indirect action
P Partnership / influence action
 Improves ecology
 Builds resilience
 Encourages economic sustainability
 Enhances health & wellbeing
 Estimated carbon saving potential
 Estimated cost to implement action