# 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.

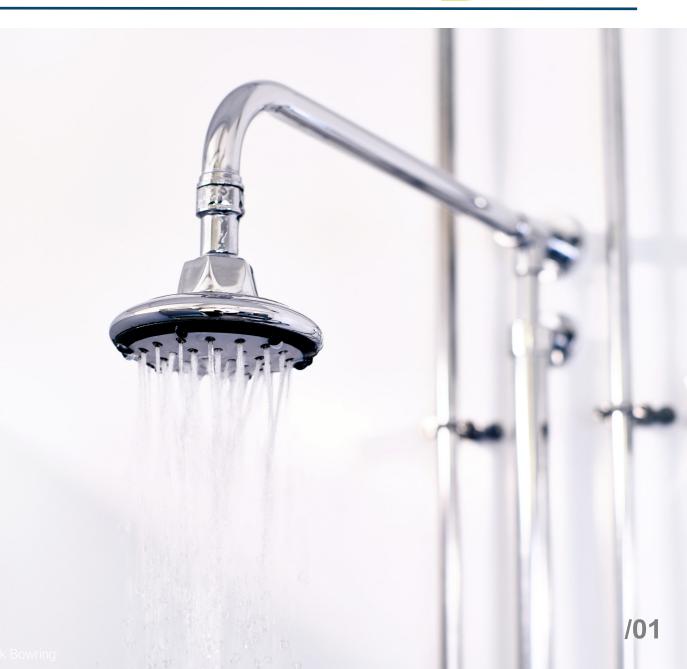
Although this work will need to be led by the water industry, the Council will have a significant role to play in this work. Firstly, in reducing our own water demand. And secondly, in leading the county's flood risk management, alleviation and mitigation work.

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...



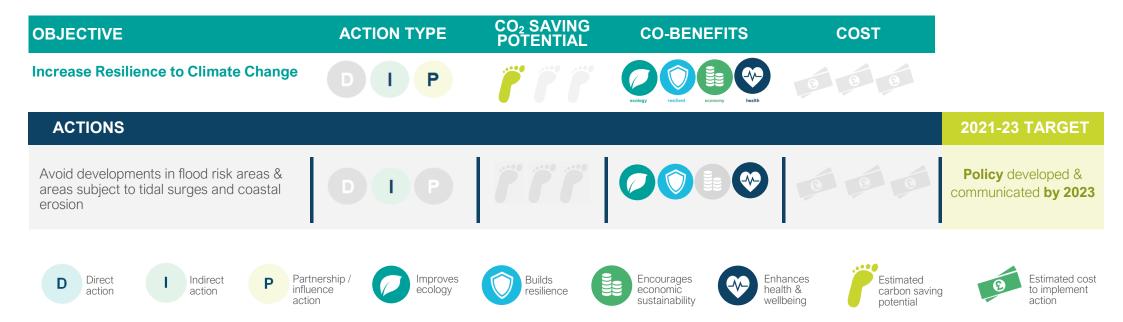




OBJECTIVE	ACTION TYPE	CO₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Reduce water demand	DIP	<b>r r r</b>	cology relient conny halth	8 8 8	
ACTIONS					2021-23 TARGET
Make Dorset Council Buildings water effi- cient, by installing technologies such as flow regulators, water efficient toilets & shower heads		<b>~ ~ ~</b>		BBB	Audit programme de- veloped & 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	DIP	<b>;;;;</b>		8 8 8	Future target <b>beyond 2023</b>
Provide information to residents and busi- nesses on reducing water consumption, helping to improve understanding of the issues and solutions to better water man- agement, reducing bills and carbon emis- sions	DIP	<b>;;;;</b> ;		BBB	Meetings held with water companies + Content created & made available to residents in 2021
Ensure procurement specification favours water efficient equipment	DIP	<b>;;;;;;</b> ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;		8 8 8	Procurement specifi- cation updated in 2021
Ensure water use is minimised and reuse is optimised in new developments		<b>;;;</b> ;		e e e	Policy developed & communicated by 2023
D Direct I Indirect P Partn action P Partn		Builds resilience	economič 💛 hea	lances lth & being	g Estimated cost to implement action



OBJECTIVE	ACTION TYPE	CO₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Reduce wasted water	D	<b>;;;;</b> ;	cology (resilient consistency health	8 8 8	
ACTIONS					2021-23 TARGET
Carry out an in-depth assessment of water leaks across the Council's estate		<b>~ ~ ~</b>		8 0 0	Water leak tests carried out at 25 sites by 2023
Liaise with water companies to ensure wa- ter leaks are identified and eliminated in Dorset	DIP	ĨĨĨ		8 8 0	Meetings held with water companies + plans assessed by end of 2021



Dorset

OBJECTIVE	ACTION TYPE	CO₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Increase resilience to Climate Change	DIP	<b>r r r</b>	cology (relief) (conmy hath		
ACTIONS					2021-23 TARGET
Work with Environment Agency to identify areas at risk from flooding & ensure ade- quate protection is in place		<b>" " "</b>		6 6 6	Top 10 communities at risk identified + Investigations prioritised + Funding requirements identified by 2022
<ul> <li>Work with water companies to ensure:-</li> <li>climate resilience is being addressed</li> <li>sufficient supplies of good quality water will be available for Dorset Residents</li> </ul>	DIP	<b>;;;;;;;</b> ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;		8 8 8	Meeting held with water companies + Plans reviewed & assessed in 2021
Raising awareness to Riparian owners to maintain water courses to prevent flooding	DIP	<b>" " "</b>		8	Awareness raising materials developed + Message communi- cated to residents by 2021
Work with partners to create tree planting programmes to prevent flood risks and water pollution	D	<b>;;;;</b> ;		8 8 8	Agree approach with key partners & implement initial programme by 2023
D Direct I Indirect P Partrinflue action		Builds resilience	economic V7 hea	lances lth & lbeing	g Estimated cost to implement action



OBJECTIVE	ACTION TYPE	CO₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Protect Water Supplies	DIP	<b>r r r</b>	codgy Collect Conny Collect	8 8 8	
ACTIONS					2021-23 TARGET
Carry out audit of all Dorset Council sites holding materials hazardous to water quality to ensure correct storage is in place & en- sure pollution prevention equipment is properly maintained.					Water protection measures included in PRP Refresher training and on relevant training matrix in 2021 + All sites audited by 2022 + Schedule for future audits in place in 2022
Work with Environment Agency to ensure all high risk industrial and farming areas in Dor- set have been identified and appropriate pollution prevention measures are in place	DOP	<b>" " "</b>		2 2 2	Meeting held with EA + Plans reviewed & assessed in 2022
D Direct I Indirect P Partne action P Partne		Builds resilience	economic V7 hea	ances Ith & Estimated carbon savin potential	g Estimated cost to implement action



OBJECTIVE	ACTION TYPE	CO₂ SAVING POTENTIAL	CO-BENEFITS	COST	
Protect Water Supplies	DIP		cology (resilient) (conomy health		
ACTIONS					2021-23 TARGET
Work with partners to promote land man- agement practices that prevent polluting water courses and ensure good water man- agement		<b>" " " "</b>		8 8 8	Plan developed & initiated in 2022
Work with County Farms and Green Spaces to ensure land management practices pro- tect water supplies					Land management practices reviewed in 2021 + Guidance developed in 2022 + Guidance communicat- ed to County Farms in 2022
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