

SuD's Features Llandovery

Why are we doing this?



Grasscrete
Grasscrete is a type of paving made of concrete blocks with open cells that let grass grow through, allowing rainwater to soak into the ground instead of running off.

Surface reprofiling
Surface reprofiling means reshaping the car park ground levels so rainwater naturally flows into areas designed to soak it up instead of running off.



Channel drains
Channel drains are narrow grated drains set into the ground that catch surface water and carry it away safely.

Perforated curbs
Perforated pavements let rainwater pass through tiny gaps in the surface so it soaks away instead of running off.



Bioretention planter
A bioretention planter is a planted area that collects rainwater, lets it soak through soil and roots and slowly releases the excess in a controlled way

Permeable block paving
Permeable block paving looks like normal paving but has small gaps between the blocks that let rainwater soak through into the ground below.



River Tywi
A Special Area of Conservation with 6 out of 7 of its designated species in unfavourable ecological condition. Every small action we take in our towns affects the health of the Tywi.

Pressure on our sewers
During heavy rain too much surface water enters the combined network mixing with waste water and sewage causing storm overflows. By keeping surface water out of the sewer network we can reduce flood risk and protect the river Tywi.



Greener, more natural spaces
Cooler car parks in the summer, nicer place to be, valuable small habitats for pollinators. Help the water soak into the ground naturally.

Surface water runoff
Water runs off our roads and car parks straight into drains carrying oil, pollutants and sediment to the river.



Reducing flood risk
The site lies partly within Flood Zone 3. By introducing SuDs to slow and store run off, we can reduce pressure on the drainage network and make the town more resilient to future storms.

Making it nicer for the community
A new rain garden and parent shelter will create a greener, calmer place to wait. Somewhere that feels part of the community not just a car park.

