

We are a not-for-profit organisation intent on reducing pollution from urban surfaces, including microplastics and plastic litter



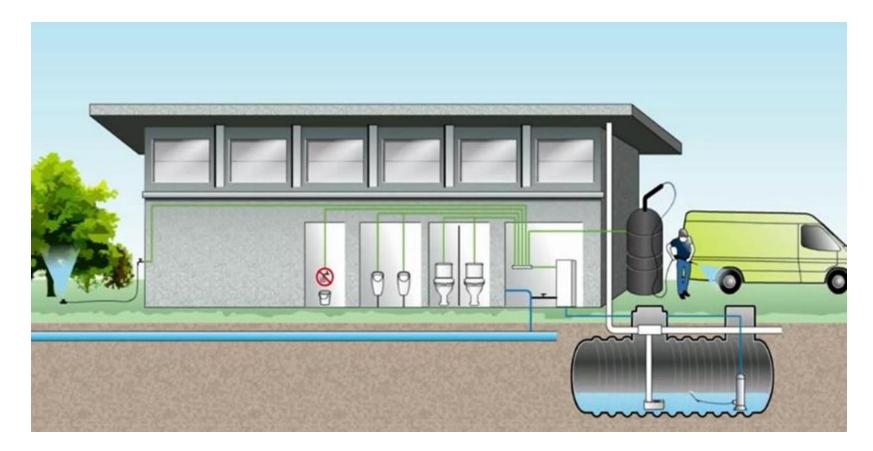


Managing stormwater on your site

- There are a number of things you should consider for stormwater management on your site;
 - Capture rainwater for re-use
 - Slow the **flow rate** of water off the site in heavy rain events
 - Reduce the volume of water discharging from your site and affecting downstream communities
 - Irrigate your green spaces to create healthy habitats for wildlife and places for people



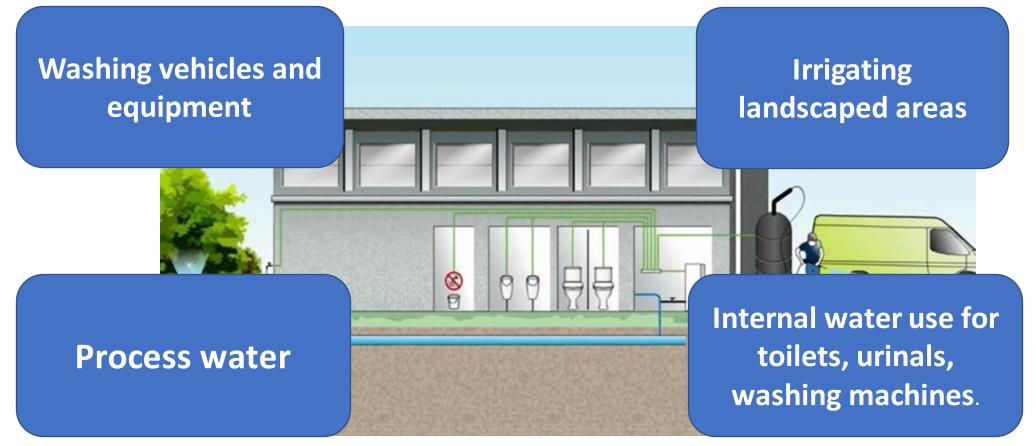
Capture rainwater for reuse



Zero Pollution Ambassadors



Capture rainwater for reuse



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Slow the flow rate of water off the site in heavy rain events



Next time it rains, take a brolly and take a walk around your site.

- Where does the water flow?
- Where does it gather or pool?
- Where does it leave your site?
- Is it causing an issue anywhere by blocking paths or parking?

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Slow the flow rate of water off the site in heavy rain events



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If you can infiltrate rainwater to ground on your site, this is an excellent way to reduce the flow rate off your site. But be careful to use this for low & medium pollution risk surfaces only, and where the soil can cope with it. You can't infiltrate grossly polluted water with oils, chemical and road runoff in it without pre-treatment.





This example from America is from a residential development but it shows how effective bioretention zones can be at capturing water in heavy rain.





Modular Bioremediation Systems

'Plug and Play' bioremediation systems are coming onto the UK market now. They are particularly useful for retrofit installations, but they are good for new build too, where they can be integrated into drainage systems easily.



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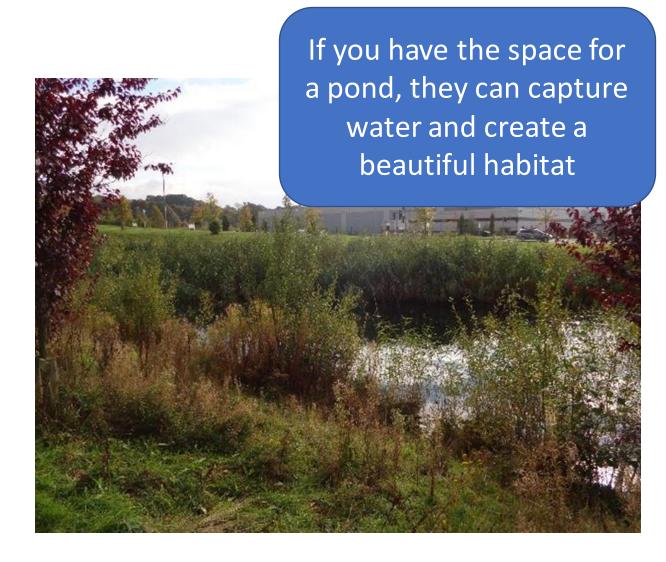


Green roofs on bike shelters, walkways, bin stores and parking areas can also deliver biodiverse habitats above functional spaces.





Reduce the volume of water discharging from your site and affecting downstream communities



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But if you don't have space for a pond, you can consider subsurface storage and attenuation....





Subsurface tanks can provide storage and attenuation where there is no room for a pond/wetland or where such features are not wanted. The tanks can be huge and they can capture water for re-use





Irrigate your green spaces to create healthy habitats for wildlife and places for people





- Thank you for listening
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