

Sustainable Drainage Systems

Climate change results in intensified rainfall which falls upon increasing impermeable surfaces fuelled by population growth and urbanisation. This disrupts the natural water cycle, leading to increased surface runoff, flooding, and pollution in our rivers and streams.

Sustainable Drainage Systems (SuDS) provide the solution. SuDS mimic natural rainwater management by addressing rainwater at source, storing it for reuse, slowing its flow, promoting infiltration and evapotranspiration and removing pollutants. The result is a reduction in flood risk and enhancement of water security, water quantity and quality. The reduction in rainwater entering the sewerage system lessens sewage overflows into rivers and seas and so delivers healthier waterways. The use of nature-based solutions increases biodiversity and delivers amenity in the midst of cities. SuDS is not only a response to the environmental challenges posed by climate change and urbanisation, but a forward-thinking approach to safeguard the health of our planet and its water for future generations.

As a leader in surface water management, we are committed to advancing SuDS that steward water responsibly, safeguard biodiversity and meet legislation requirements.



Design Support

Let us help you with your SuDS Scheme. Our teams are here to equip you with the products, knowledge and tools to progress your project swiftly and confidently.

www.aco.co.uk/design--support-services



Delivering SuDS Guide

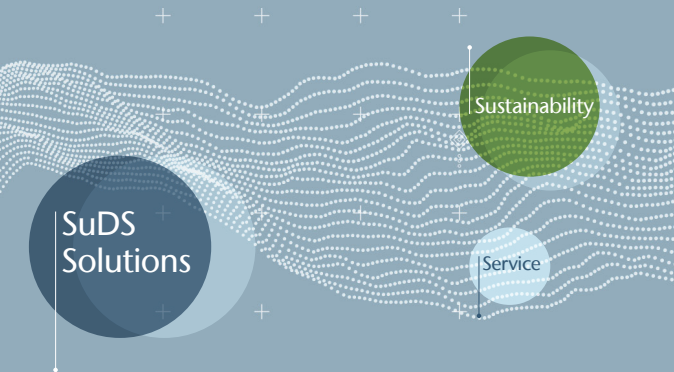
With water security a pressing concern and the need to implement SuDS soon to be a legal requirement in England, we have launched a new guide.

www.aco.co.uk/delivering-suds-whitepaper



delivering suds

Innovative solutions and expert support to deliver a sustainable future



service

Expert support to enhance SuDS

suds solutions

Products to deliver SuDS schemes

sustainability

Committed to a sustainable future

We provide specifiers with tools and knowledge to implement SuDS schemes effectively, which includes design calculation software, comprehensive CPDs, and legislation guidance.

Technical support & legislation guidance

We offer expertise in delivering SuDS solutions, assisting in optimising designs to improve water management efficiency, reduce costs, and ensure compliance with legislation, including Schedule 3 and Biodiversity Net Gain.

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Design calculation tools

We have leveraged years of experience to create a comprehensive suite of free-to-use design and calculation tools, aimed at assisting you in the design of drainage schemes. This service includes live chat support to assist you whenever needed.

www.aco.co.uk/design-tools

CPD portfolio

Discover bespoke learning programmes tailored to your business' specific needs. Our offerings include CPDs, webinars, interactive tutorials, and workshops, all designed to provide best-practice guidance and enhance your professional development.

www.aco.co.uk/professional-development

At ACO, our mission is to utilise design and technology to deliver innovative drainage products that not only reduce flood risk but also protect water resources and natural habitats.

This approach covers the entirety of the SuDS management spectrum, ensuring efficient water management from collection, through to treatment, storage, discharge, and ultimately the reuse of water. When integrated into a SuDS scheme, ACO solutions support the four fundamental pillars of SuDS - managing water quantity, improving water quality, enhancing biodiversity, and amenity.

Our range of engineered solutions encompasses channel drainage, attenuation and infiltration systems, flow controls, hydrodynamic separators, blue/green roof systems, and wildlife protection, among many others. These solutions can work in conjunction with, and complement, nature-based solutions, delivering integrated SuDS management schemes.



www.aco.co.uk/delivering-suds

For ACO, the only future is a sustainable one. We are driving down carbon emissions, fostering water stewardship, and supporting biodiversity and habitats across all the products and services we offer.

From Commitment to Outcome

For ACO, these commitments translate into measurable outcomes:

UN Global Compact

- Aligned with 10 principles concerning human rights, labour, the environment and anti-corruption.

Science Based Targets Initiative

- Committed to decarbonising our business through defined, science-based targets.

BES 6001

- Achieved responsible sourcing certification for materials and our products.

CEO Water Mandate

- Endorse responsible water management at our manufacturing facilities.



www.aco.co.uk/sustainability