

Integrated SuDS.

Hydraulically Modelled.
Designed to Deliver.



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GreenBlue [®]
URBAN

Creating healthier urban spaces in harmony with nature

Resilient Places, Proven Performance

GreenBlue Urban partners with water companies, local authorities, schools, architects and engineers to integrate nature-based SuDS that are technically robust, verifiable in performance, and built for the long term. As pioneers of the soil cell system, with 30+ years in UK stormwater management and tree planting, we bring unmatched expertise to every scheme.

With our Design to Delivery service, we help clients:

- Gain certainty through upfront predictive simulations and detailed design.
- Unlock multifunctional value through integrated green and blue infrastructure.
- Combine drainage, amenity, and biodiversity in one landscape.
- Align confidently with the National SuDS Standards
- Demonstrate Net Zero progress with UK-manufactured, recycled products.

Our joined-up approach goes beyond products. We partner from early feasibility through to installation support and aftercare, ensuring SuDS schemes are not only compliant but resilient, maintainable, and built to last.



GreenBlue's Integrated Nature-Based SuDS Solutions

GreenBlue Urban delivers engineered SuDS that unite natural planting with structural components, creating resilient, multifunctional systems aligned with CIRIA's four pillars: water quantity, water quality, biodiversity, and amenity.

We specialise in source-control features such as engineered tree pits, bioretention systems and raingardens that intercept, filter and attenuate water at source.

What sets our systems apart is the certainty of proven performance. Each design is hydraulically modelled, giving utilities and local authorities confidence that outcomes are reliable, adoptable, and future-ready.

Every solution is space-efficient, repeatable, and simple to build - combining drainage, amenity and biodiversity in one system. Designed for straightforward installation and long-term resilience, GreenBlue Urban SuDS work in both new development and retrofit projects nationwide.



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The Benefits of Nature-Based SuDS

Unlike traditional 'grey' infrastructure, nature-based SuDS deliver multiple benefits at once - drainage performance, biodiversity gains, community amenity, and carbon reduction. By providing verified hydraulic modelling and technical support from the outset, GreenBlue Urban ensures these benefits are credible, measurable, and sustainable.



For Water Companies & Local Authorities

- **Streamlined Approvals** - Modelled performance aligned with the new National SuDS Standards gives confidence in adoption.
- **Resilient Infrastructure** - Source-control SuDS reduce flood risk, protect sewer networks, and help manage CSO discharge.
- **Biodiversity & Climate Value** - Systems deliver statutory BNG while supporting Net Zero and climate resilience goals.

For Schools

- **Faster Planning** – Education authorities and local councils favour well-evidenced, modelled solutions, helping schools secure approvals and funding.
- **Maximised Use of Space** – Space-efficient systems transform playgrounds and outdoor areas into functional stormwater features.
- **Enhanced Learning Environment** – Visible green infrastructure creates engaging, nature-rich spaces that support wellbeing, outdoor learning, and a school's environmental values.



For Communities

- **Healthier Places** - Greener streets and public spaces that manage water, provide shade, and improve air quality.
- **Biodiversity Gain** - Habitats for wildlife integrated into urban fabric.
- **Long-Term Value** - Resilient infrastructure that performs year after year with low maintenance demand.

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SuDS in Action

We have a proven track record of delivering measurable benefits through our engineered SuDS. Our case studies demonstrate how nature-based, engineered systems provide resilience for water companies, local authorities and schools alike.

Reclaim the Rain, East Anglia



The Reclaim the Rain initiative across Norfolk and Suffolk introduced SuDSPods in schools and community spaces, capturing and slowing runoff to reduce flood risk while enhancing biodiversity, education, and local amenity.

With over fifteen installations across five schools and additional community sites, the scheme has eased pressure on drainage networks, improved resilience to surface water flooding, and strengthened community engagement through nature based solutions.

Kibworth Mead Academy, Leicestershire



Kibworth Mead Academy addressed recurring flooding by installing SuDSPods to capture and divert roof water, reducing pressure on drainage systems and protecting the school environment. These planters manage runoff effectively while enhancing the site and supporting student engagement.

Following repeated flood events, the scheme has improved resilience to surface water flooding and reduced disruption, while inspiring student involvement through a gardening club and contributing to a more sustainable school setting.

St Patricks Primary School, Manchester



St Patrick's RC Primary School transformed its playground with integrated SuDS features, combining effective surface water management with attractive, nature based planting. SuDSPods and HydroPlanters were introduced to capture roof and surface runoff, reducing pressure on drainage systems while enhancing the school environment.

By re-directing water into planted systems and upgrading drainage infrastructure, the scheme has improved resilience to rainfall, created greener outdoor spaces, and delivered a safer, more engaging setting for pupils and staff.

Staveley CE Primary School, Cumbria



At Staveley CE Primary School in Cumbria, GreenBlue Urban partnered with United Utilities to install nine SuDSPods, capturing and controlling roof runoff to reduce pressure on the local sewer network while creating an engaging learning resource.

By combining green infrastructure with education, the project improves stormwater management while inspiring students and the wider community to engage with sustainable water practices.

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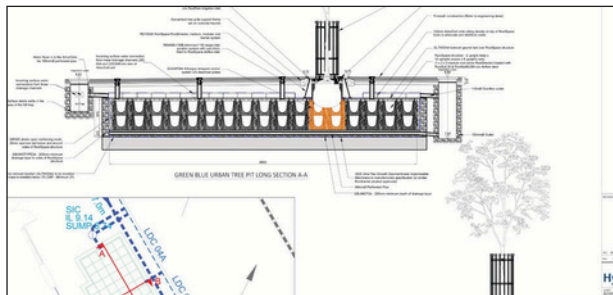
From Feasibility to Aftercare

GreenBlue Urban provides a complete Design to Delivery service, supporting projects from the earliest planning stage through to long-term performance. Each stage is underpinned by technical expertise and verified modelling, giving confidence that schemes are deliverable, adoptable and resilient.

Storm Event Betterment (Critical)	
1 year	Percentage
1 year	93%
10 year	84%
30 year	78%
100 year	72%

Table 2; Betterment (reduced flow rate existing vs proposed)

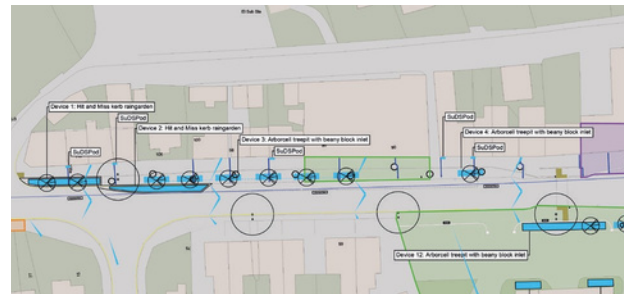
Feasibility Site assessments that review opportunities, constraints and regulatory requirements. Early advice ensures SuDS concepts align with the new National SuDS Standards, BNG, and adoption expectations.



Detail Design CAD drawings, technical specifications and verified hydraulic modelling outputs. Designs are tested against real conditions to remove risk and ensure long-term resilience.



Maintenance and Aftercare Frameworks and our ArborAdvance warranty protect investment and reduce future liability. Ongoing monitoring and advice help keep schemes functioning as designed.



Concept Design Initial layouts that integrate SuDS with trees, planting and amenity. We combine drainage, biodiversity and placemaking to maximise value from every square metre of land.



Installation On-site supervision of installation works, including guiding contractors, coordinating excavation activities, and ensuring systems are installed in accordance with the specified design and standards.



Unparalleled Experience As the inventor of the Soil Cell, our team is unrivalled in their expertise in tree pits and SuDS solutions.

The GreenBlue Difference

GreenBlue Urban's integrated approach ensures SuDS deliver more than drainage - they become multifunctional assets for water management, biodiversity and community value. What sets us apart is the certainty we provide through verified data and end-to-end delivery. From feasibility to aftercare, every stage is backed by proven data and technical expertise.

Modelled Certainty: Designs can be hydraulically modelled, giving utilities and local authorities confidence that systems will perform, be adoptable and resilient over the long term.

Standards Alignment: Our solutions are consistent with the new National SuDS Standards and support delivery of Biodiversity Net Gain and Net Zero objectives.



Public Engagement Support: Nature-based SuDS are visible, attractive and community-friendly. We help frame these benefits in ways that win public and political support, making planning and adoption smoother.

Sustainability Credentials: All GreenBlue systems are UK-manufactured using recycled materials. They reduce embodied carbon, support ESG goals and contribute to other sustainability ratings.



Proven Track Record: With 30+ years of experience, we've delivered successful schemes with water companies, local authorities and schools across the UK. Our relationships and expertise help anticipate challenges and de-risk approvals.

End-to-End Service: From feasibility and design, through to installation and aftercare, we provide a joined-up service that protects investment and reduces future liability.



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Integrated SuDS. One Partner. No Gaps.

GreenBlue Urban has helped local authorities, water companies and schools deliver SuDS that work - schemes that are adoptable, resilient, and valued by communities. With every project hydraulically modelled and supported from design to aftercare, we give decision-makers confidence that their investment will stand the test of time

Why it matters

- **Certainty in approvals** – modelled performance de-risks adoption.
- **Community impact** – greener, healthier public spaces with visible value.
- **Sustainability credentials** – UK-manufactured, recycled systems supporting Net Zero and BNG.

Next Step

Talk to us about how our Design to Delivery service can support your next project - from first feasibility check through to long-term performance.

Your Key Contact



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