

# susdrain SuDS Awards 2020

## Information Pack

### Background

SuDS are becoming an increasingly visible and functioning part of our landscapes. With increased implementation comes increased acceptance and improvements on their delivery.

susdrain's SuDS Awards was established in 2018 to encourage high quality planning, design, construction and maintenance of sustainable drainage. (We'd also love to be in a position to demonstrate the value of SuDS by including monitoring of performance, if it is available.)

Our second susdrain SuDS Awards competition is now open for entries and invites the construction industry to showcase high quality SuDS schemes that comply with industry standards, celebrating the SuDS champions involved in delivering the scheme and places a focus on projects that deliver multiple benefits beyond drainage alone.

There are three susdrain SuDS Award categories, and a SuDS Champion. Winning submissions will be assessed and chosen from each category and awarded to projects that demonstrate functionality, innovation and delivery of multiple benefits in the categories below:

- Retrofit SuDS
- New-build small scale SuDS (less than 10 properties / 1.0 hectares)
- New build larger scale, collective SuDS (10 plus properties / 1.0 hectares)
- susdrain Overall Winner 2020
- susdrain SuDS Champion Award 2020

The Overall Winner will be selected from the three project category award winners based on a combination of all criteria.

The susdrain SuDS Awards aims to raise the profile of SuDS and their contribution to creating great places and spaces. We also anticipate that the Awards will provide an opportunity to showcase outstanding schemes, the organisations involved as well as the individuals that have promoted and delivered SuDS.

Award entries will also be considered for inclusion in susdrain's catalogue of case studies as a 'light case study' (one of the most visited pages on the website).

### Timeline:

- Release call for nominations **January 2020**
- Deadline for submissions **30<sup>th</sup> April 2020**
- Judging peer review panel meets/assesses **May 2020**
- SuDS Champion shortlist released for public vote **May 2020**
- Project shortlist announced **June 2020**
- Awards presentation **16<sup>th</sup> July 2020 (at City Hall, London)**

### Winners will receive:

- Framed certificate and use of winner's logo
- Invitation to present at a susdrain seminar
- Increased project, team and personal profile on susdrain website and through wider susdrain partner networks
- Opportunities to present and network at other CIRIA / susdrain and their partner's events.

- Feedback in the scheme from a panel of experts.

## SuDS Champion

The **susdrain SuDS Champion** award is open for organisations and people to nominate an individual who has demonstrably gone ‘the extra mile’ to deliver and encourage the uptake of SuDS. These Awards recognise that more often than not, SuDS are implemented due to the ability of a single champion. A champion who is able to **inspire, inform** and **influence** others to get on board, share good practice, overcome challenges and share their enthusiasm for SuDS.

Nominated individuals may come from a wide variety of backgrounds, a SuDS practitioner, contractor, client, planner, member of the local community or from another area entirely.

Previous SuDS Champion winners will not be shortlisted and we cannot accept nominations from people in the same organisation. Previous runners up can be nominated and shortlisted.

All shortlisted nominees will be put forward for voting by the public and susdrain Partners and Supporters. Each shortlisted person will be informed before the shortlist is released. The winner will be announced at the Awards event in July 2020.

## Entering the 2020 Awards

1. [Choose a relevant category](#) relating to your SuDS scheme and nominate your SuDS Champion.
2. Complete the susdrain SuDS [award case study template](#) using the [guidelines for submitting your case study](#) to support you. Please do not change the fonts in the form.
3. Nominate your SuDS Champion – [complete the nomination form](#)
4. The submission deadline is **Thursday, 30<sup>th</sup> April 2020**. A shortlist will be announced in June.
5. Winners will be announced at the award ceremony on Thursday **16<sup>th</sup> July 2020 at City Hall, London**.

## Guidelines for submitting your award entry

For instructions on filling in your submission please use [this](#) pro forma and use following information as general guidance.

In submitting your entry/case study you are agreeing that the content and images can be used on the susdrain website and elsewhere by CIRIA. If this is not the case please state clearly on your submissions the restrictions that apply. Following submission it will be hosted on the main susdrain case study web page as a ‘light case study’. For it to mature to a full susdrain case study it will require a peer review and you may be asked to refine or provide additional information. This process may require additional iterations of the case study.

## Susdrain award entries and case studies should:

- **Be constructed schemes**, completed within the last four years (i.e. since 01/01/16)
- Disseminate and showcase **good practice** and **lessons learnt**
- Demonstrate what is **achievable**
- Highlight **innovation** in detail, design and overall approach wherever possible
- Explain the **rationale** behind the scheme (in relation to site opportunities and constraints)
- Illustrate **well designed** and **integrated** schemes with plans and high quality images
- Where possible include **information on costs** and any **monitoring**
- Be sufficiently **robust** and **credible**, to withstand peer review.

### Entries and case studies should where possible\* describe the following details:

- How **multiple benefits** were delivered and what design criteria was used
- Use of **source control**
- How **managing water on the surface** was achieved
- Implementation of a SuDS management train

*\* It is understood that for some sites achieving these outcomes is difficult, but please explain how this was challenging.*

### Entries and case studies should:

- Be presented in A4 portrait Word format, using the template and headings in the order illustrated in Appendix A, with images clearly labelled and embedded where feasible.
- Use high resolution images in a separate folder where necessary and clearly labelled to match the case study text.
- Include no more than 8 illustrations such as drainage or other plans, photos pre and post construction etc. in high resolution (300 dpi or greater size.)
- Be submitted as A4 Word documents and be no greater than 10mb size. PDFs will not be accepted.

### Entries and case studies should not:

- Be used to promote goods and services (ie CIRIA can encourage generic technology/processes but not accept registered trademarks in any submitted case study or illustrations)
- Promote any political agenda
- Contain more than 2 x A4 pages of supporting text

### Please consider the following when compiling your supporting information:

- The best case studies should tell the story behind the SuDS scheme by illustrating and/or describing an evolution from an early idea to a functioning reality.
- To make these case studies come alive they need the best set of illustrations, images and photos you can provide. This is an opportunity for you to showcase your project.
- We do not require a lot of images - one good quality image is better than several poor ones. Site plans are particularly useful.
- Ensure all plans, images and photos are correctly acknowledged with details provided (**all relevant permissions should be sought by the case study author before submission for use by CIRIA and others assuming properly credited**).
- Case studies should be technical, written in the third person, rather than editorial.

### Your descriptive text should:

- Be realistic, we want to know about your successes but also the challenges you faced along the way which influenced the design and the outcomes.
- Describe how you managed to overcome challenges.
- Explain your design rationale and how you delivered good practice (or not as the case may be).
- Demonstrate a collaborative process at professional levels with a good interdisciplinary mix of people.

- Demonstrate early engagement with statutory and local authorities (planners etc.) and the community.
- Demonstrate technical competence and awareness of critical issues during the design process.

### Who will read your case studies?

The case study must be engaging, so that it can appeal to an informed, but not always an expert readership. Where possible the case studies should follow the prescribed structure which is outlined below.

## Appendix A - Detailed entry and case study guidelines

	Section heading	Guidance notes
	<b>Title*</b>	Known name of project and main town or county
<b>1.</b>	<b>Location*</b>	Location details (where feasible provide an address with postcode or geo-reference)
<b>2.</b>	<b>Description*</b>	Briefly describe the scheme, the type of development, its setting, any unique features or design considerations (size, number of properties) and the reasons for need. Provide information on the character of the area and how the development is anticipated to fit in.
<b>3.</b>	<b>Main SuDS components used*</b>	<p>Briefly outline the overall drainage strategy of the scheme and support this with a SuDS drainage plan.</p> <p>List and describe the SuDS components and provide suitable images of the finished details - the case studies will be tagged on the basis of the main components</p>
<b>4.</b>	<b>How it works*</b>	<p>Explain the drainage strategy including the opportunities and challenges faced. The following questions should be considered and described in your response:</p> <ul style="list-style-type: none"> <li>– How much of the runoff is managed above the surface? Explain the design rationale.</li> <li>– To what extent is source control provided and with what components? Explain the design rationale.</li> <li>– Was a SuDS management train used? Explain the design rationale.</li> <li>– How does the system work i.e. flows going to what components etc.?</li> <li>– Where does the component/scheme discharge to (infiltration, watercourse, sewer or other)?</li> <li>– What were the key considerations for the design criteria around: <ul style="list-style-type: none"> <li>○ Flows and volumes* <ul style="list-style-type: none"> <li>▪ Has interception losses been considered?</li> <li>▪ What return period was the scheme designed to?</li> <li>▪ What is the final discharge flow rate?</li> <li>▪ Has drainage exceedance been considered?</li> </ul> </li> <li>○ Water quality <ul style="list-style-type: none"> <li>▪ How is runoff being treated?</li> <li>▪ What components are being used to provide water quality treatment?</li> </ul> </li> <li>○ Biodiversity <ul style="list-style-type: none"> <li>▪ What design features and interventions are being used to encourage biodiversity?</li> </ul> </li> <li>○ Amenity</li> </ul> </li> </ul>

	Section heading	Guidance notes
		<ul style="list-style-type: none"> <li>What design features and interventions are being used to ensure multi functionality and amenity use?</li> </ul>
5.	<b>Specific project details</b>	<p>Include the following:</p> <ul style="list-style-type: none"> <li>A wider description of the scheme</li> <li>Comparisons in performance with traditional drainage etc.</li> <li>What disciplines were involved?</li> <li>Description of how these interactions assisted or constrained delivery?</li> <li>Description of stakeholder and community engagement</li> <li>Anything of note on the design and construction process</li> </ul>
6.	<b>Maintenance &amp; operation*</b>	Describe how adoption was managed i.e. who does the maintenance? Does the maintenance and/or operation deviate from known good practice?
7.	<b>Monitoring &amp; evaluation</b>	<ul style="list-style-type: none"> <li>Has, or is the scheme being monitored or assessed?</li> <li>What evaluation processes are in place post construction?</li> </ul>
8.	<b>Benefits/achievements *</b>	What are the project's greatest achievements? Outline the evidence.
9.	<b>Lessons learnt/challenges*</b>	<ul style="list-style-type: none"> <li>What were the key challenges and how have they been overcome?</li> <li>What lessons were learnt and how can they influence others?</li> <li>What other aspects does the case study demonstrate, specific implications for H&amp;S, stakeholders etc.</li> </ul>
10.	<b>Interaction with the local authority (or client)</b>	<p>If appropriate</p> <ul style="list-style-type: none"> <li>Description of the relationship with the local authority (and/or client)</li> </ul>
11.	<b>Programme details, costs etc. *</b>	<p>Where possible provide the following</p> <ul style="list-style-type: none"> <li>Status (when was it construction completed)</li> <li>Costs (broken down to design and capital costs).</li> <li>Extent of the scheme</li> </ul> <p><i>When discussing status the most important date is construction, but please provide other key dates</i></p> <p><i>Comparative costs would be useful, comparing the scheme with a traditional drainage system</i></p> <p><i>Projects will normally only be accepted if they have reached practical completion and have been operational for a minimum of 6 months post completion.</i></p> <p><i>If this is not the case, the project will need to demonstrate a unique approach that would benefit a wider readership in the short term, or be of significance pre construction from a planning, community engagement or other point of view. If this is the case a follow up case study would be expected to explain outcomes of the planning or other engagement processes.</i></p>
12.	<b>Project Team*</b>	<p>Please provide a list of key project personnel and organisations including clients, funders, designers, contractors, suppliers etc.</p> <p>If possible, please provide logos of partners.</p>

\* must be provided

## Awards and Judging

There are three award categories and each case study can be entered into one category. There will be an overall winner for the scheme that demonstrates the greatest achievement in delivering SuDS across the pillars of water quality, water quantity, biodiversity and amenity. The awards are **free** to enter.

Case studies submitted to susdrain over the last two years will be accepted, providing an opportunity for those submitting to update content. Organisations will be limited to two submissions per category. Those submitting case studies will also have an opportunity to nominate their *SuDS Champion 2020* who will be chosen as part of the competition.

## Judging and criteria

A judging review panel will be assigned to each category and they will assess the submitted case studies to select a winner from each category. Highly commended schemes may be awarded at the judges' discretion and by exception. The winner of each category will then be put forward for the *Overall Winner* award.

Full award descriptions and criteria for case studies are provided and for the judging panel to use when assessing submissions.

There are three susdrain SuDS Award categories. Winning submissions will be chosen from each category and awarded to projects that demonstrate functionality, additional and multiple benefits, and innovation in the categories below:

- Retrofit SuDS
- New-build small scale SuDS (less than 10 properties / <1.0 hectare)
- New build larger scale, collective SuDS (10 plus properties > 1.0 hectares)
- SuDS Champion Award 2020
- susdrain Overall Winner 2020

The **Overall Winner** will be selected from the three project category award winners based on a combination of all criteria.

## Categories and criteria

Award Category	Retrofit
Description	<ul style="list-style-type: none"> <li>• SuDS projects that demonstrate effective management of runoff in an engaging way.</li> <li>• Projects that use land wisely and maximise its function as a retrofit solution.</li> <li>• Projects that integrate into a site where they may not have been considered at the outset.</li> <li>• Projects that form part of either a series of interventions or a single, standalone scheme.</li> <li>• Projects in either the public realm or on privately owned land.</li> <li>• Projects that seize opportunities to demonstrate innovation and resource efficiencies.</li> <li>• Projects completed since 01/01/16.</li> </ul>
Suggested criteria	<ul style="list-style-type: none"> <li>– The extent to which the project manages Water Quantity / run off</li> <li>– The extent to which the project improves Water Quality</li> <li>– The extent to which the project provides improvements on amenity</li> <li>– The extent to which the project delivers on biodiversity (as net gain)</li> <li>– The extent to which the project uses the overall SuDS design principles eg management train</li> <li>– Positive impact on the wider environment</li> <li>– Positive impact on the wider community</li> <li>– Level of innovation applied to resolving design issues or overcoming physical challenges</li> <li>– Quality of supporting data both physical and anecdotal</li> <li>– Delivery of multiple benefits over and beyond drainage</li> <li>– The extent to which the scheme has been designed for ease of access, maintenance and replicability</li> <li>– Level of collaboration in design process</li> <li>– Cost effectiveness ie what the project achieved relative to its capital costs</li> <li>– Replicability of the scheme</li> </ul>

Award Category	<b>New build small scale i.e. less than 10 properties / &lt;1.0 hectare</b>
<b>Description</b>	<ul style="list-style-type: none"> <li>• New build SuDS projects that demonstrate effective and engaging management of runoff in an engaging way.</li> <li>• Projects that use land efficiently and maximise its functionality through effective integration of SuDS within the wider landscape master plan.</li> <li>• Projects that integrate into a site as part of the new build landscape master plan</li> <li>• Projects can be either public realm or on privately owned land.</li> <li>• Projects that seize opportunities to demonstrate innovation and resource efficiencies.</li> <li>• Projects that form part of either a series of interventions or a single, standalone scheme.</li> <li>• Projects completed since 01/01/16.</li> </ul>
<b>Suggested criteria</b>	<ul style="list-style-type: none"> <li>– The extent to which the project manages Water Quantity / runoff</li> <li>– The extent to which the project improves Water Quality</li> <li>– The extent to which the project provides improvements on amenity</li> <li>– The extent to which the project delivers on biodiversity (as net gain)</li> <li>– The extent to which the project uses the overall SuDS design principles eg management train</li> <li>– Positive impact on the wider environment</li> <li>– Positive impact on the wider community</li> <li>– Level of Innovation applied to resolving design issues or overcoming physical challenges</li> <li>– Quality of supporting data both physical and anecdotal</li> <li>– Delivery of multiple benefits over and beyond drainage</li> <li>– Level of collaboration in design process</li> <li>– The extent to which the scheme has been designed for ease of access, maintenance and replicability</li> <li>– Cost effectiveness ie what the project achieved relative to its capital costs</li> <li>– Replicability of the scheme</li> </ul>

Award Category	<b>New build larger scale, collective eg 10 plus properties &gt; 1.0 hectares</b>
<b>Description</b>	<ul style="list-style-type: none"> <li>• New build SuDS projects that demonstrate effective and engaging management of run off.</li> <li>• Projects that use land efficiently and maximise its functionality through effective integration of SuDS within the wider landscape master plan.</li> <li>• SuDS designs that are mindful of the wider catchment of an area beyond the development red line boundary.</li> <li>• Projects can be either public realm or on privately owned land.</li> <li>• Projects that seize opportunities to demonstrate innovation and resource efficiencies.</li> <li>• Projects completed since 01/01/16</li> </ul>
<b>Suggested criteria</b>	<ul style="list-style-type: none"> <li>– The extent to which the project manages Water Quantity / run off</li> <li>– The extent to which the project improves Water Quality</li> <li>– The extent to which the project provides improvements on amenity</li> </ul>



	<ul style="list-style-type: none"> <li>– The extent to which the project delivers on biodiversity (as net gain)</li> <li>– The extent to which the project uses the overall SuDS design principles eg management train</li> <li>– Positive impact on the wider environment</li> <li>– Positive impact on the wider community</li> <li>– Level of Innovation applied to resolving design issues or overcoming physical challenges</li> <li>– Quality of supporting data both physical and anecdotal</li> <li>– Delivery of multiple benefits over and beyond drainage</li> <li>– The extent to which the scheme has been designed for ease of access, maintenance and replicability</li> <li>– Level of collaboration in design process</li> <li>– Cost effectiveness ie what the project achieved relative to its capital costs</li> <li>– Replicability of the scheme</li> </ul>
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<b>Award Category</b>	<b>Overall Winner</b>
<b>Description</b>	The overall winner will be selected by the judging panel from each category's winning schemes. The scheme will be selected as having been assessed as best overall in relation to the main judging criteria below.
<b>Suggested criteria</b>	<ul style="list-style-type: none"> <li>– The project that demonstrates greatest achievement in delivering SuDS across the pillars of water quality, water quantity, biodiversity and amenity</li> <li>– The project that goes the extra mile and can demonstrate benefits over and above the four pillars such as improvements to integrated Green Infrastructure, Natural Capital contribution</li> <li>– The extent to which the project offers lessons learnt and replicable ideas</li> <li>– The extent to which the ethos of SuDS has been carried through from inception through to the maintenance and management of a scheme.</li> <li>– The extent of collaboration with a range of professionals, through partnership working, and community engagement</li> <li>– Projects completed since 01/01/16</li> </ul>

<b>Award Category</b>	<b>susdrain SuDS Champion Award</b>
<b>Description</b>	Those entering schemes to the susdrain Awards are invited to nominate one person who has demonstrably gone the extra mile to promote use of SuDS. Previous winners will not be shortlisted, but previous runners-up can be nominated and shortlisted.
<b>Suggested criteria</b>	<b>Key qualities for a susdrain SuDS Champion</b> <ul style="list-style-type: none"> <li>– <b>Inspiring</b> – someone who inspires others regarding SuDS</li> <li>– <b>Informing</b> – someone who shares good practice</li> <li>– <b>Influencing</b> – someone who has dealt with challenges and shared their enthusiasm about SuDS</li> </ul>

## Information and entry submission

For further information and to submit your entries please contact Louise Walker ([louise.walker@ciria.org](mailto:louise.walker@ciria.org)).

**The submission deadline is Thursday 30<sup>th</sup> April 2020.**

Good luck!