Establishing the future urban landscape
Establishing the future urban landscape

THE FOUR PILLARS OF SUDS

In 2015, CIRIA (Construction Industry Research and Information Association) launched the SuDS Manual, which stated that the overarching principle of SuDS design should be that surface water runoff should be used for maximum benefit.

The ‘four pillars’ detail the means by which these benefits can be delivered.
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Collaborating with Kent County Council & WSP to make Margate a cooler, greener place.
On-site constraints

- Narrow verges
- Utilities below ground
- Overhead cables
Tree pit designs

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11 of 31 trees planted in a RootSpace SuDS system
Each SuDS tree pit provides 15 cubic metres of uncompacted soil volume.
Soil within a GreenBlue Rootspace System can store water in approximately 22% of its total volume.
Monitoring stormwater outflow

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Slowing the Flow

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Keighley, North Street
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Keighley, North Street

2021
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Evapotranspiration – trees
‘breathe’ water – a mature tree
can use up to 200 litres per
day, cleaning & cooling the air.
Southend, Cool Towns

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Breda, Cool Towns, Joosten

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