



Llywodraeth Cymru
Welsh Government

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Dyheadau ar gyfer SuDS yng Nghymru Aspirations for SuDS in Wales

Phil Chatfield
Llywodraeth Cymru/Welsh Government

Aspirations for SuDS in Wales

This presentation outlines:

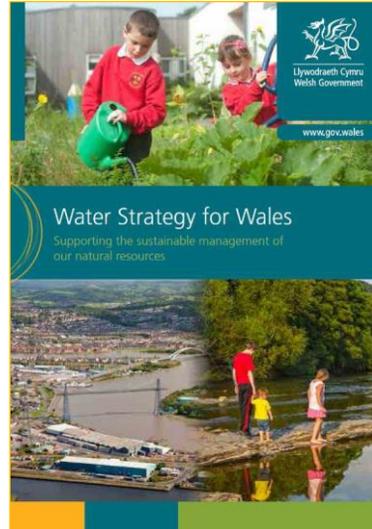
- ◆ Welsh legislative context
- ◆ SuDS standards in Wales
- ◆ Evidence around costs and benefits
- ◆ Next steps



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Welsh Legislative context

- ◆ Common framework in Wales and England
- ◆ Flood & Water Management Act
- ◆ Well-being of Future Generations Act
- ◆ Water Strategy

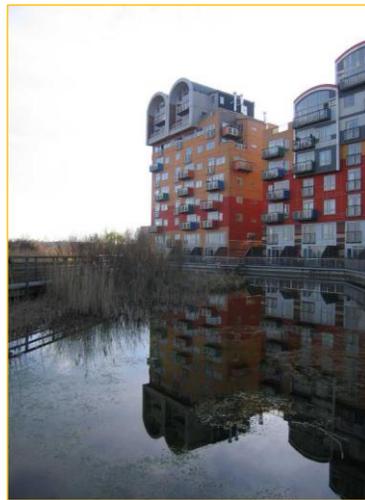


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SuDS standards in Wales

Voluntary standards published in January 2016

- ◆ Set of principles
- ◆ Six standards
- ◆ Guidance
- ◆ Links to other information sources



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SuDS standards in Wales

- ◆ Aim for multiple benefits
- ◆ Runoff quality protected
- ◆ Runoff quantity reduced
- ◆ Runoff rate reduced
- ◆ Biodiversity enhanced
- ◆ Better places to live



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SuDS standards in Wales

- ◆ A natural approach to managing surface water
- ◆ Aim to mimic natural processes
- ◆ Addresses quantity, quality, amenity and biodiversity
- ◆ Use a wide range of techniques



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SuDS standards in Wales

- ◆ Principles
- ◆ Hierarchy for destination
- ◆ Fixed standards
- ◆ Design criteria
- ◆ Construction
- ◆ Maintenance/operation



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SuDS Standards in Wales

Principles for sustainable drainage:

- ◆ Manage water on the surface and close to source
- ◆ Maximise benefits
- ◆ Future proof
- ◆ Prevent pollution
- ◆ Use management train



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Evidence around costs and benefits

Voluntary standards not enough

- ◆ Unless statutory they are ignored
- ◆ How do we improve uptake?
- ◆ Maintenance and adoption is the problem
- ◆ Schedule 3
- ◆ Planning



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Evidence around costs and benefits

Need for evidence

- ◆ Compare SuDS to standard drainage
- ◆ Performance
- ◆ Costs
- ◆ Benefits
- ◆ Consider legislative context



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Evidence around costs and benefits

Report approach

- ◆ Review 34 case studies
- ◆ 24 Stakeholder interviews
- ◆ Additional evidence
 - Adoption
 - Maintenance
 - Funding
- ◆ Economic analysis



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Evidence around costs and benefits

Key findings

- ◆ SuDS already in use in Wales
- ◆ But variable quality
- ◆ Often “hard”
- ◆ Key barriers maintenance & operation
- ◆ Costs variable, but-
- ◆ lower than conventional

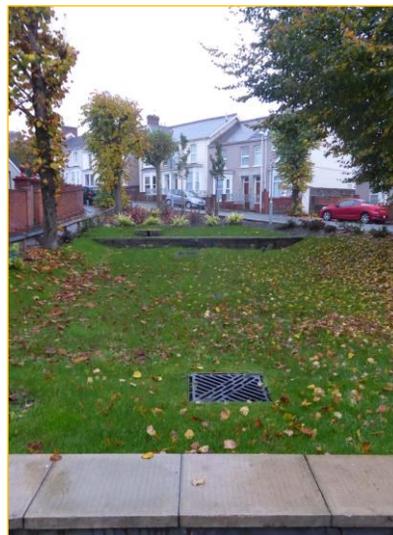


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Evidence around costs and benefits

Key recommendations

- ◆ Adoption/maintenance
- ◆ Sustainable funding
- ◆ Collection of evidence
- ◆ SuDS Register
- ◆ SuDS as assets not liabilities
- ◆ SuDS summit



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Next steps

Developing consultation package

- ◆ Considering all options
- ◆ Likely to consult on three options
- ◆ Schedule 3 preferred
- ◆ Impact assessment
- ◆ Funding options



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Next steps

Working with stakeholders

- ◆ Review our standards
- ◆ Process map
- ◆ Continue to gather evidence
- ◆ Do we need changes in Schedule 3?



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Sustainable drainage in Wales

This presentation outlined:

- ◆ Welsh legislative context
- ◆ SuDS standards in Wales
- ◆ Evidence around costs and benefits
- ◆ Next steps



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Diolch/Thank You

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