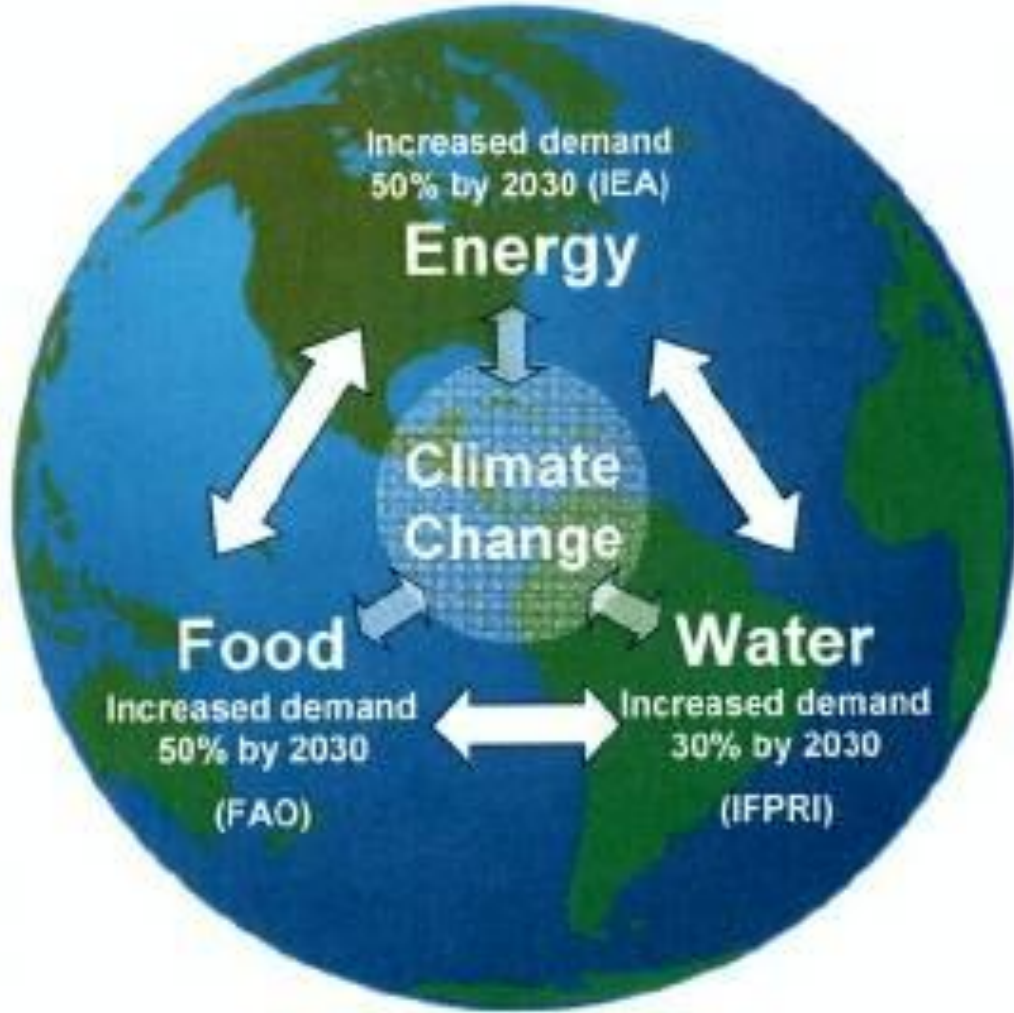


# Put Water at the Heart of a Whole New Way of Living

## Facilitating Sustainable Drainage

Steve Langlois







**Tomorrow's forecast is more frequent, more violent storms, raining down on more people, in more homes, built at higher densities.**

# A Challenging & Changing World



192 Quangos Axed



Fairness and affordability?



# Leading and influencing



# Natural Environment White Paper spring 2011

www.defra.gov.uk  
Consultation on Draft Regulations and Proposals for Schemes for the Transfer of Private Sewers to Water and Sewerage Companies in England and Wales

August 2010  
www.defra.gov.uk

An invitation to shape the Nature of England



Discussion Document  
July 2010



# Water white paper summer 2011



**Review**

**OFWAT**

CONSUMER COUNCIL FOR

**Water**

gtz

**WATER FUTURES**

WORKING TOGETHER FOR A SECURE WATER FUTURE

# What is Love Every Drop?



# THIS IS HOW WE MAKE IT A REALITY

We have set ourselves 10 goals, backed up by over 100 commitments and measures to help us get it right.



## 10 Ambitious Goals...

Backed up by >100 commitments & measures...

An infographic with a purple background featuring a pattern of water drops in various shades of purple and pink. Ten white water drop shapes of varying sizes are scattered across the page, each containing a goal. The goals are: "No incidents", "Leading employer in our region", "No accidents", "No pollutions", "Get it right first time, every time. Zero waste", "Frontier performer in our industry", "100% of our customers very satisfied with our service", "Halve our embodied carbon in new assets we build by 2015 from a 2010 baseline", "Reduce our operational carbon emissions by 10% in real terms by 2015 from 2010 baseline", and "Effective management of the impact of growth and climate change in our region". In the bottom right corner, there is a small version of the "love every drop. anglianwater" logo.

# SuD s offer multiple benefits



**Relieve  
water stress**



**Recreation  
and amenity**

**Biodiversity**



**Improve water  
quality**



**Tackle diffuse  
pollution**



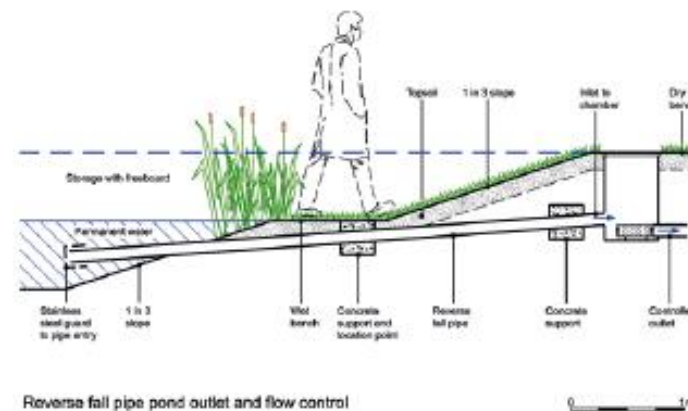
**Reduce  
flood risk**



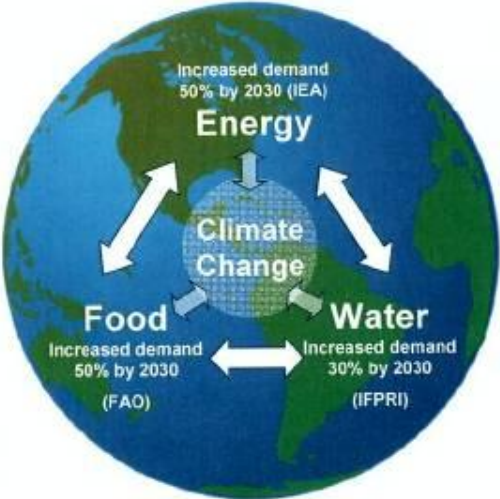
# Our SuDS Adoption Manual



- Developed with partners
- Concepts underpinning SuDS
- Early joint engagement process
- Design & construction guidelines



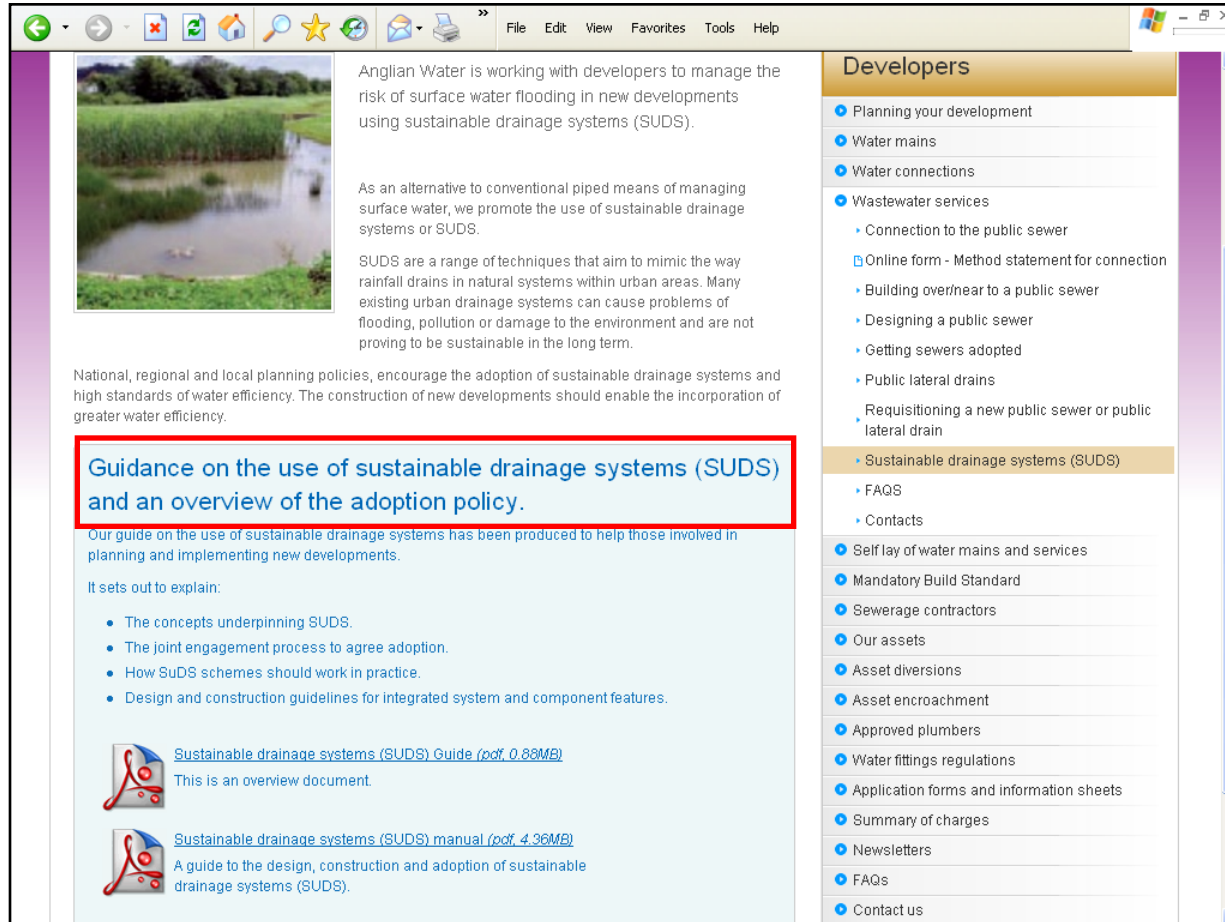
# Working Together



# What will you do?



# Questions?



Anglian Water is working with developers to manage the risk of surface water flooding in new developments using sustainable drainage systems (SUDS).

As an alternative to conventional piped means of managing surface water, we promote the use of sustainable drainage systems or SUDS.

SUDS are a range of techniques that aim to mimic the way rainfall drains in natural systems within urban areas. Many existing urban drainage systems can cause problems of flooding, pollution or damage to the environment and are not proving to be sustainable in the long term.


National, regional and local planning policies, encourage the adoption of sustainable drainage systems and high standards of water efficiency. The construction of new developments should enable the incorporation of greater water efficiency.


**Guidance on the use of sustainable drainage systems (SUDS) and an overview of the adoption policy.**

Our guide on the use of sustainable drainage systems has been produced to help those involved in planning and implementing new developments.

It sets out to explain:

- The concepts underpinning SUDS.
- The joint engagement process to agree adoption.
- How SuDS schemes should work in practice.
- Design and construction guidelines for integrated system and component features.

 [Sustainable drainage systems \(SUDS\) Guide \(pdf, 0.88MB\)](#)  
This is an overview document.

 [Sustainable drainage systems \(SUDS\) manual \(pdf, 4.36MB\)](#)  
A guide to the design, construction and adoption of sustainable drainage systems (SUDS).

### Developers

- Planning your development
- Water mains
- Water connections
- Wastewater services
  - Connection to the public sewer
  - Online form - Method statement for connection
  - Building over/near to a public sewer
  - Designing a public sewer
  - Getting sewers adopted
  - Public lateral drains
  - Requisitioning a new public sewer or public lateral drain
- Sustainable drainage systems (SUDS)
  - FAQs
  - Contacts
- Self lay of water mains and services
- Mandatory Build Standard
- Sewerage contractors
- Our assets
- Asset diversions
- Asset encroachment
- Approved plumbers
- Water fittings regulations
- Application forms and information sheets
- Summary of charges
- Newsletters
- FAQs
- Contact us

<http://www.anglianwater.co.uk/developers/sewer-connection/suds.aspx>