



European Union The European Regional Development Fund

The Interreg IVB
North Sea Region
Programme



*Investing in the future by working together
for a sustainable and competitive region*

North Sea SKills Integration and New Technologies Project (SKINT)

Prof. Walter Leal, HAW Hamburg

European Union



The European Regional Development Fund

*Investing in the future by working together
for a sustainable and competitive region*

SKills Integration and New Technologies

The European Water Framework Directive (WFD) and Floods Directive (FD) have clear goals about improving water quality and regulating water quantity in the EU and in helping Europe to address the challenges posed by climate change.

The Interreg IVB project SKINT helps to implement these Directives and facilitates the implementation of sustainable urban land and water management by improving the integration of water management in spatial planning processes. The project deals with both ground water and surface water and integrates water quality as well as water quantity, hence helping to address two major issues in the climate change debate.

Partners

Bradford City Council (UK)

City of Bradford Metropolitan District Council

www.bradford.gov.uk

Hamburg University of Applied Sciences (D)



Hochschule für Angewandte
Wissenschaften Hamburg

Hamburg University of Applied Sciences

Norsk Institutt for Vannforskning (N)

NIVA

Norwegian Institute for Water Research

Delft University of Technology (NL)

TU Delft

Delft University of Technology



The
University
Of
Sheffield.

University of Abertay Dundee (UK)



UNIVERSITY
ABERTAY DUNDEE

University of Sheffield (UK)

Hoogheemraadschap Hollands Noorderkwartier (NL)



hoogheemraadschap
Hollands
Noorderkwartier

Introduction to the SUDS Workshop

- Sustainable Urban Drainage Systems (SUDS) refers to an approach which tries to combine the environmental, social and economic impacts of drainage.
- Even though there are many approaches, but there is a need to discuss how SUDS can handle surface water use and avoid risks of flooding.
- Today´s workshop is meant to discuss some of these approaches.

Programme

- 11.45 **SUDS in Holland** - Floris Boogaard, University of Delft, The Netherlands
- 12.15 **Climate Change and Green Roofs** - Toine Vergoesen, University of Delft, The Netherlands
- 12.45 Lunch**
- 13.15 **SUDS for Roads** - Prof. Chris Jefferies, University of Abertay Dundee, Scotland
- 13.45 **Stormwater Management in the City of Hamburg** - Dr. Axel Waldhoff, Hamburg Water, Germany
- 14.15 **Decentral Water Management: some project examples** - Prof. Wolfgang Dickhaut, HafenCity, University, Germany and Interreg IVB, North Sea Project SAWA
- 14.45 **Retrofitting surface water management into the urban environment** - John Blanksby, University of Sheffield, United Kingdom
- 15.15 **Concluding remarks**

Our aims?

1. To discuss an important topic in the SKINT project
2. To exchange information and ideas
3. More interaction between people and projects
4. More networking!



THANK YOU FOR YOUR ATTENTION!

