Susdrain – A journey towards sustainable drainage

Working with flood authorities to deliver effective SuDS solutions
A case study of managing surface water in Fellgate

Chris McLarnon
Project Technical Lead

An integrated approach to surface water management delivered a sustainable solution

by

1. developing a common solution
2. adding value
3. winning community support
DEFRA Guidance: “work together and develop a shared understanding of the most suitable solutions to surface water flooding problems”

**FELLGATE – PRE SCHEME**
Measures are designed to intercept overland flow paths and store on the surface

Innovative approach meets the SuDS challenge
Partnering encourages a common understanding of the problem and shared responsibility

The SuDS approach creates added value opportunities
Economic impact assessment demonstrates added value

- Property Flood Risk Reduction Benefits
- Health Impacts of Flood Risk Reduction
- Educational Opportunities
- Emergency and Recovery
- Habitat creation and biodiversity
- Vehicle Damage Benefits

Community engagement wins local support

- Fellgate Estate, Jarrow Surface Water Management Plan 2015
An integrated approach to surface water management delivered a sustainable solution

by
• developing a common solution
• adding value
• winning community support