RoadsBeSTand Simple

- Basic
 - SuDSor Roads Whole Life (and Carbon) Cost Tool
 - Overrun from S4Rds Project
 - 2010'ish

SuDS4ds - Whole Life Cost Tool

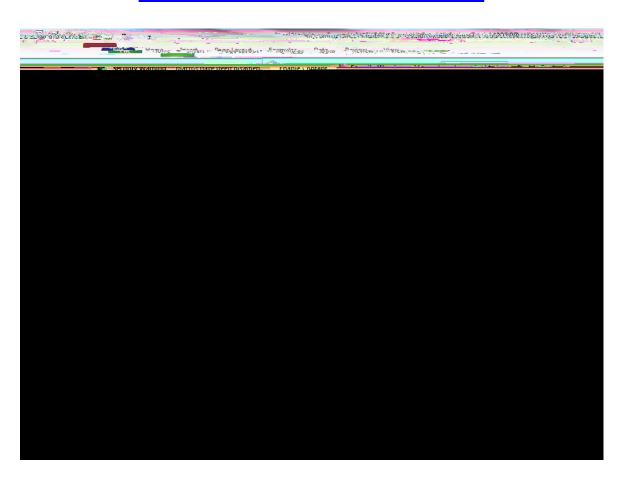
- Provides good indicative costs 6 uDS
- Easy to learn and apply
- Useful carbon module as integrated benefit
- Not allSuDS-it's for roads, so no green roofs for example!
- Available at;

http://www.scotsnet.org.uk/bestpractice.php

SUDS4RdsWLC

Provides Indicative Costs for Various DS hroughout life cycle

SuDS4RD&/LCTool



Simple Index Assessment Tool

For Water Environment Quality & Protection

- SEPATool to assess adequate Subsections
 for water quality
- Basic scoring approach for hazard
- Countered by SuD Sprovisions

Can be downloaded at;

http://www.susdrain.org/resources/SuDS_Manual.html

Designing for Water Quality - Simple Index Approach

- Land use defines Pollution Hazard Index
- Different SUDS have differing potentials to reduce different pollutants
- SuD\$provideMitigation index
- CIRIAHRWallingfordhas developed an Excel tool to assist with the assessment

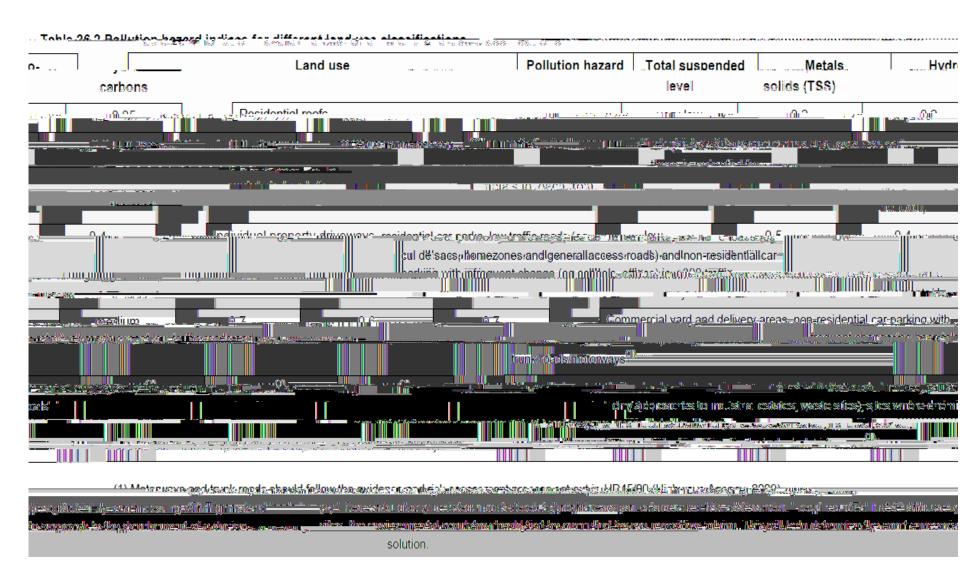
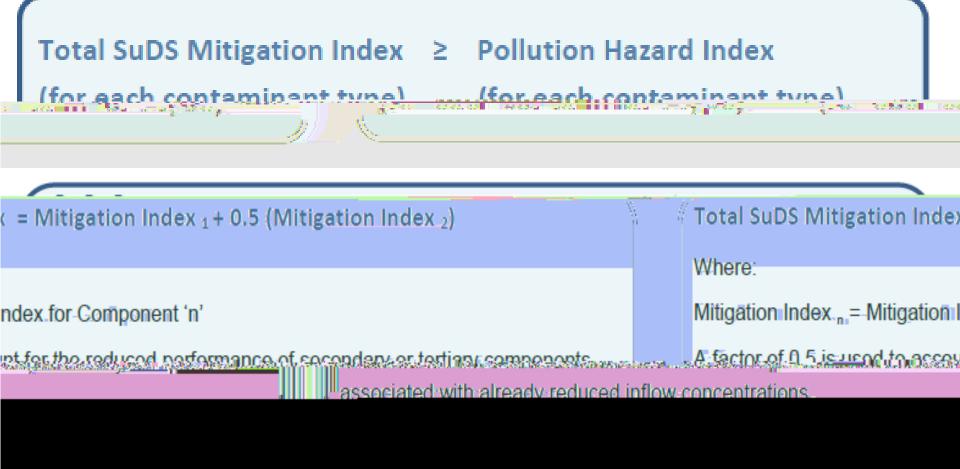


Table 26.3 Indicative SuDS mitigation indices for discharges to surface waters H<u>yd</u>l Lype_of SuDS_eomponent_ TSS. Metals: _0.4 (2) 0.4 filter trench... _0.4 0.5 0.6 0.6 swala 2.0= hiorofestinom ∩ 9.e± syts terr



Expect source control in addition

Simple Index Approach Tool

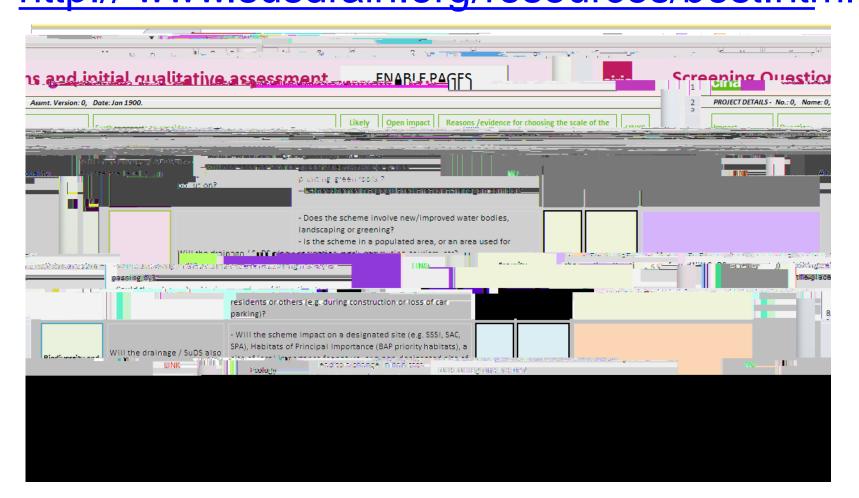
- RM08 to be changed
- Launched 2 November

Benefits of SuDS & eST) Tool

- Very useful tool but takes time to grasp
- Comprehensive spreadsheet
- Better for real developments, i.e. serious proposals
- CIRIAdevelopment

BeSTTool

Available free (but need to register) from;
 http://www.susdrain.org/resources/best.html

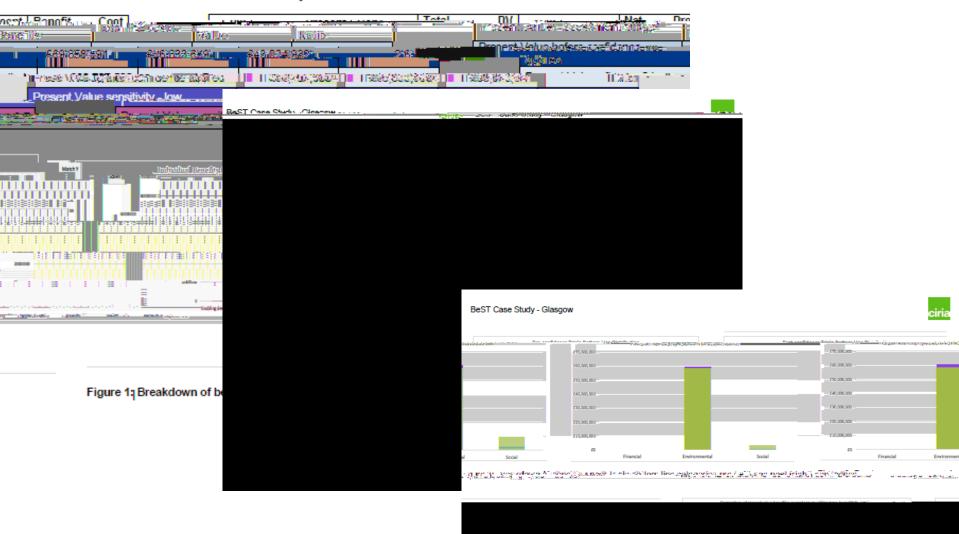


 Considers 19 possible "Impacts" that SuDScan provide benefits to

Glasgow<u>SWMP</u>Case Study
Available from website at
http://www.susdrain.org/files/resources/BeST/best_case_study_glasgow_swmp.pdf

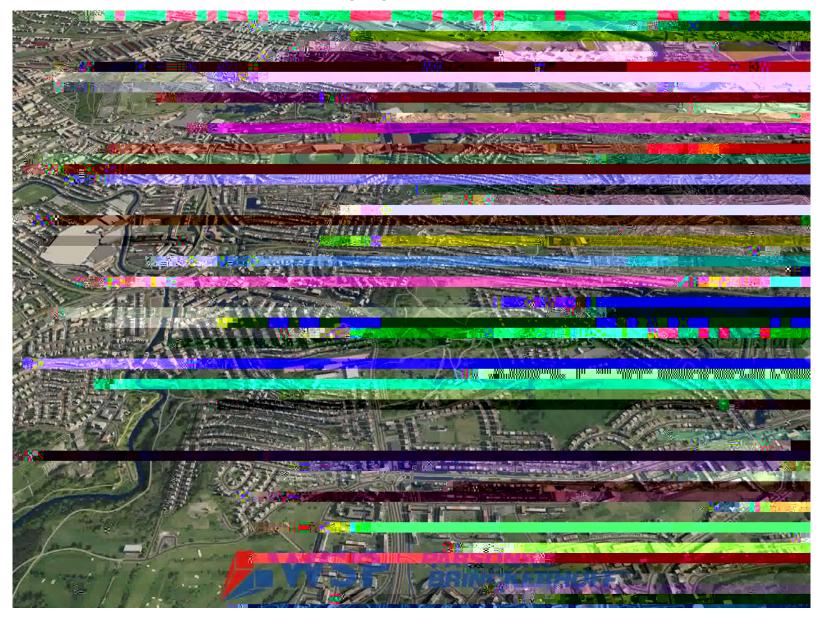


Table 1: Summary of results



Visualisation Tools

Good for Community Engagement and Elected Member Sessions



Questions?

Discussion?

Notes?