

Constructing Excellence in Wales

South East Best Practice Club

Site Visit to Bryn Quarry

“ Where Do you Think Your Waste Goes ?”

14th April 2010

Constructing Excellence in Wales

Construction and Demolition Waste Programme

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Construction and Demolition Waste Programme

Construction
Waste FEE

SWMP

Data Hub

TRAMS

Markets for
Recyclates

**C&D Waste
Programme**

WHQS

Infrastructure for
Problem Wastes

RAMS

PAS 402:2009

Green Compass

WEFO

ALFW

Construction and Demolition Waste Programme

PAS 402 & The Green Compass Scheme



PAS 402:2009

- To provide companies (waste producers) with validated information about waste management organizations
- To provide companies/organizations (waste producers) with the ability to stipulate in contracts the employment of a waste management organization that meets the requirements of the standard
- To provide waste management organizations with the ability to demonstrate validated performance information
- Increase reuse and recycling of construction and demolition waste in Wales



Green Compass Scheme

- Route to PAS402:2009
- Implementation broken down into manageable phases
- 10 Pathfinder companies Wales wide
- UKAS certification



**GREEN
COMPASS**
Giving Waste Direction

**CWMPAWD
GWYRDD**
Cyfeirio Gwastraff

Progress to date

- Pilot complete
- Diverted 20,000 tonnes waste from landfill
- Publication PAS 402 June 2009
- Minister Launch 13/07/09
- Green Compass Scheme roll out summer 2009
- DEFRA Pilot
- WEFO funding 01/01/10 - £497,482.72



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Trade Waste Bring Sites (TWBS)



TWBS Model

- Establish waste transfer stations at builders merchants
- Trade customers bring C&D waste for disposal
- Segregated waste streams
- Waste to Green Compass Waste Management Organizations for recovery/reuse/recycling
- Operates cost neutral or better

TWBS pilot

- 2 Pilot sites now identified
- Planning Permission
- Environmental Permit
- x 5 segregated waste streams
 - Inerts
 - Plasterboard
 - Cardboard
 - Metal
 - Plastic

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Recycled Aggregate for Minor
Schemes (RAMS)



We Can Easily Turn This



And Even This



Into This



The Problem Is This



RECYCLED AGGREGATES FOR MINOR SCHEMES (RAMS)

Aims to produce a Technical Standard for adoption in Wales to

- Maximise the use of recycled materials in low grade engineering pavements e.g. footpaths, car parks etc.
- Reduce Engineers' risk
- Make recycled aggregate the aggregate of choice.
- Reduce landfill by 500,000 tonnes/pa

RAMS – Progress

- Phase 1 complete – 80 samples tested to date
- Results indicating consistency across sources
- Phase 2 underway – single representative source used for mechanical testing
- Performance Testing to follow.
- Phase 3 to look at Environmental/Economic/Logistic aspects

ALFW

- Aggregates Levy Fund Wales
- x2 Applications
 1. TRAMS £37,808
01/01/10 – 31/12/10
 2. Specification 0 £35,157
01/04/10
- Secondee

TRAMS

- Building industry confidence in the application of recycled aggregates for minor schemes, through sound data set
- Objectives
 - Divert waste from landfill
 - Overcome market barriers
 - Influence government procurement

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Site Waste Management Plans
(SWMP)



Site Waste Management Plans – Progress

- Delivery to 40 SME's on one to one basis
- Input to Policy Development minimised
- x4 options being considered
- Cost/Benefit Analysis currently undertaken
- Policy Consultation Spring 2010

Additional Funding

- R&D Proposal to WAG £58,000
- Construction Sector Plan £20,000
- VAT 09/10 £28,600
- Additional European Funding Bid £3.2 million (CEW £300,000 approx)



Construction and Demolition Waste Programme

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