

Constructing Excellence in Wales: Enabling Zero Waste Launch

24th June 2014


Paul Jennings Director, Construction and Demolition
Waste Programme

CEW Construction and Demolition Waste Programme

- PAS402:2013 & Green Compass Scheme
- Trade Waste Bring Sites (TWBS)
- Interventions
- Surplus Centre
- RAMS- Specification
- Design for Deconstruction
- SWMP Regulations

ADRIAN ZUKI
MANAGING DIRECTOR

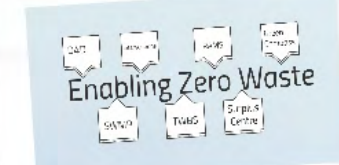
CONSTRUCTION
EXCELLENCE



Four pilot sites

- Coal Llan: Newport Cardiff Care Partnership Ltd
- Glynn Vivian Art Gallery: Thomas John Weaver Contractors Ltd
- Ice Arena Wales, Cardiff Bay: Kier Construction
- Millbank Primary School, CV: Cardiff WNV Construction Ltd

Enabling Zero Waste



Construction and Demolition Waste Survey 2012

- Welsh construction and demolition sectors generated an estimated 3.4 million tonnes of waste in 2012
- The Civil Engineering (47%) and Construction (41%) sectors generated the majority of this waste
- 639,000 tonnes (19%) of CAD generated waste was disposed of via landfill
- In 2012, the re-use, recycling and other material recovery rate for CAD waste generated in Wales was 81%, however, this is an aggregated figure - long way to go for priority wastes
- Mixed skip is still a problem

- "Practical, positive and action orientated professional public engagement solutions"
- "The project will return waste to be fully re-used, piloted where re-use and reuse the best practice with the CSD sector"
- "The project will demonstrate and encourage the use of re-use and reuse the best practice with the CSD sector"

Towards Zero Waste Wales 2050

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• Is it feasible? Associated costs?

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Enabling Zero Waste ☐

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
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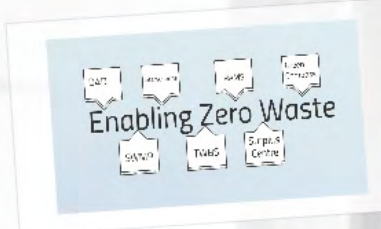
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EXCELLENCE



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- Mixed skip is still a problem

- "Practical, achievable and innovative measures to improve waste management in Wales"
- "The project will deliver a range of pilot projects that will demonstrate the benefits of the Enabling Zero Waste initiative and provide the best practice for the CAD sector"
- "The project will demonstrate the benefits of the Enabling Zero Waste initiative and provide the best practice for the CAD sector"

Towards Zero Waste Wales 2050

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• Is it feasible? Associated costs?

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Enabling Zero Waste ☐

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Construction and Demolition Waste Survey 2012

- Welsh construction and demolition sectors generated an estimated 3.4 million tonnes of waste in 2012
- The Civil Engineering (47%) and Construction (41%) sectors generated the majority of this waste
- 639,000 tonnes (19%) of C&D generated waste was disposed of via landfill
- In 2012, the re-use, recycling and other material recovery rate for C&D waste generated in Wales was 87%, however, this is an aggregated figure - long way to go for priority wastes
- Mixed skip is still a problem



The skip



Towards Zero Waste Wales 2050




- Is it feasible? Associated cost?




Enabling Zero Waste ○

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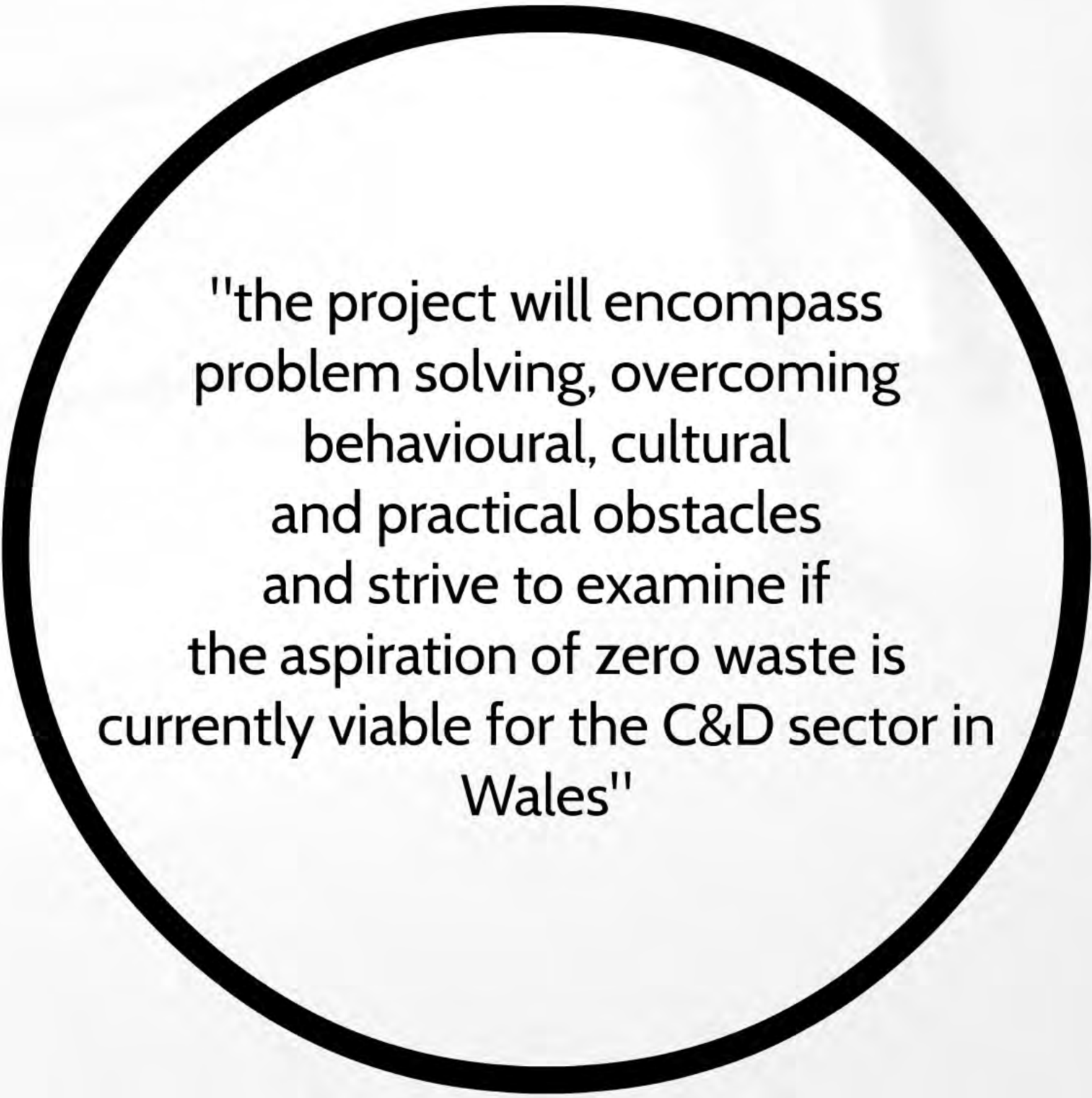




" a practical, positive
and active intervention of
professional waste
management solutions"



"the project will reduce
waste to landfill from
pilot project sites
and capture the lessons
learnt and share this best
practice with the
C&D sector"



"the project will encompass
problem solving, overcoming
behavioural, cultural
and practical obstacles
and strive to examine if
the aspiration of zero waste is
currently viable for the C&D sector in
Wales"

D4D

Interventions

RAMS

Green
Compass

Enabling Zero Waste

SWMP

TWBS

Surplus
Centre

Four pilot sites

- Care Home, Newport (Castleoak Care Partnerships Ltd)



- Glynn Vivian Art Gallery, Swansea (John Weaver Contractors Ltd)



- Ice Arena Wales, Cardiff Bay (Kier Construction)



- Millbank Primary School, Ely, Cardiff (WRW Construction Ltd)

