



**FOUNDED ON EXCELLENCE, BUILDING ON EXPERIENCE**

**MAYFIELD**



# MAYFIELD

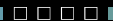


Waste and sustainable  
Procurement

2009

FOUNDED ON EXCELLENCE, BUILDING ON EXPERIENCE

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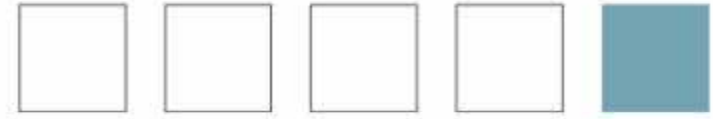


Working together in partnership with

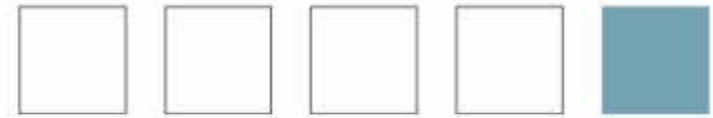


St. Helens Council

- Presented by:
  - Warren Hough
    - Contracts Manager



- **Content**
- Introduction
- Case Study
  - Why do we need best practices
  - Drivers for best practice
  - Project Objectives
  - Delivering the Objectives
  - Outcomes
  - What Went Wrong?
- Summary



## ■ Who we are

- 'Your Local Provider, providing local labour initiatives'
- Established 1965
- Part of McKean Group 1999
- Based in Kirkby, Merseyside
- Our people: 75+ directly employed local workers
- Award Winning Contractor
  - (BALI, Considerate Constructors, Green Apple, North Business Awards)
- Current Turnover £17m+

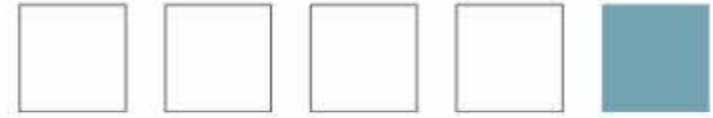




## ■ Case Study

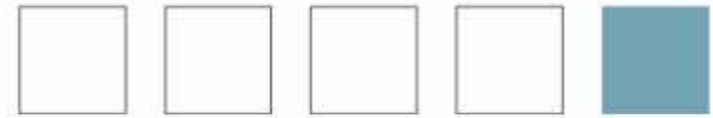
### Waste & sustainability - Focal Point St Helens

- £6.3million project to upgrade the town centre public space
- Contract period
  - 2.5 years
- Procurement method
  - NEC form of contract – Option C (activity schedule)
- Pain/Gain capped at 5%



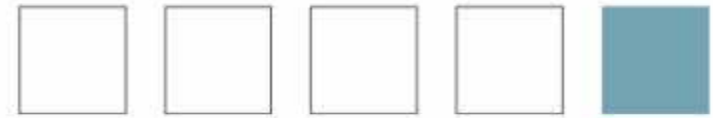
## ■ why undertake best practices ?

- Public sector is required to make 2.5% year on year savings –Gershon
- Large reduction in capital spend within local government schemes - Financial deficit running at £175 billion
- Construction produces near on 20% or 400million tons of waste (defra)
- Removing the culture of lowest price – discouragement of best practice



## ■ Drivers for best practice

- To Reduce cost & enhance quality
- To achieve targets well in excess of industry tangibles (KPIs)
- Project teams which are 'free thinkers'
- Collaborative working
- Integrating teams from client to front line operations
- Treating the project as an objective rather than a process
- To fully engage the supply chain – waste as a resource



## ■ Project Objectives

- To deliver the project to the highest quality level
  - BALI Award: Best Hard Landscaping Project - Nationally
- To maximise
  - Recycled material
  - Re use material
  - Reduce waste
- Embrace community benefits
  - Green Apple: Environmental Business of the Year 2006
- And finally...





## ■ WASTE REDUCTION

- Modular sizing of paving units
- Ongoing reviews to minimise cutting materials
- Site batching for small concrete and cement bound
- Optimising & standardisation of se
- Varying construction with regard to use
- Incentives through supply chain ensure “self policing”
- “Get it right first time” culture attempting zero defects



ST HELENS TOWN  
CENTRE FOCAL POINT

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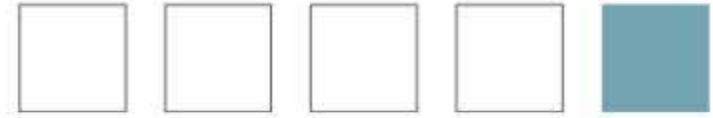
## RECYCLING

- Strict segregation at source
- Arising segregation
- Waste streams identified
- Supply chain audits
- Continual improvements



ST HELENS TOWN  
CENTRE FOCAL POINT





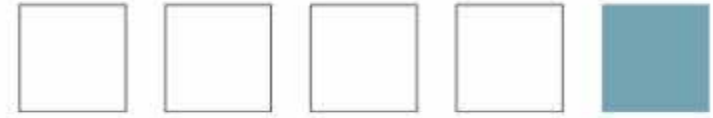
## ■ Focal point - Outcomes

### ■ Cashable

1. 5% gain share achieved & re-invested (£260,000)
2. Waste on paving materials reduced to 2%
3. 97% of waste materials re-cycled

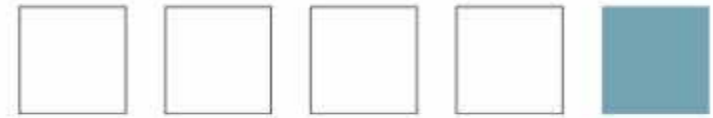
### ■ Non cashable

1. Re-used 4000m<sup>2</sup> of existing paving in community projects
2. All the existing Benches re-used
3. All packaging recycled



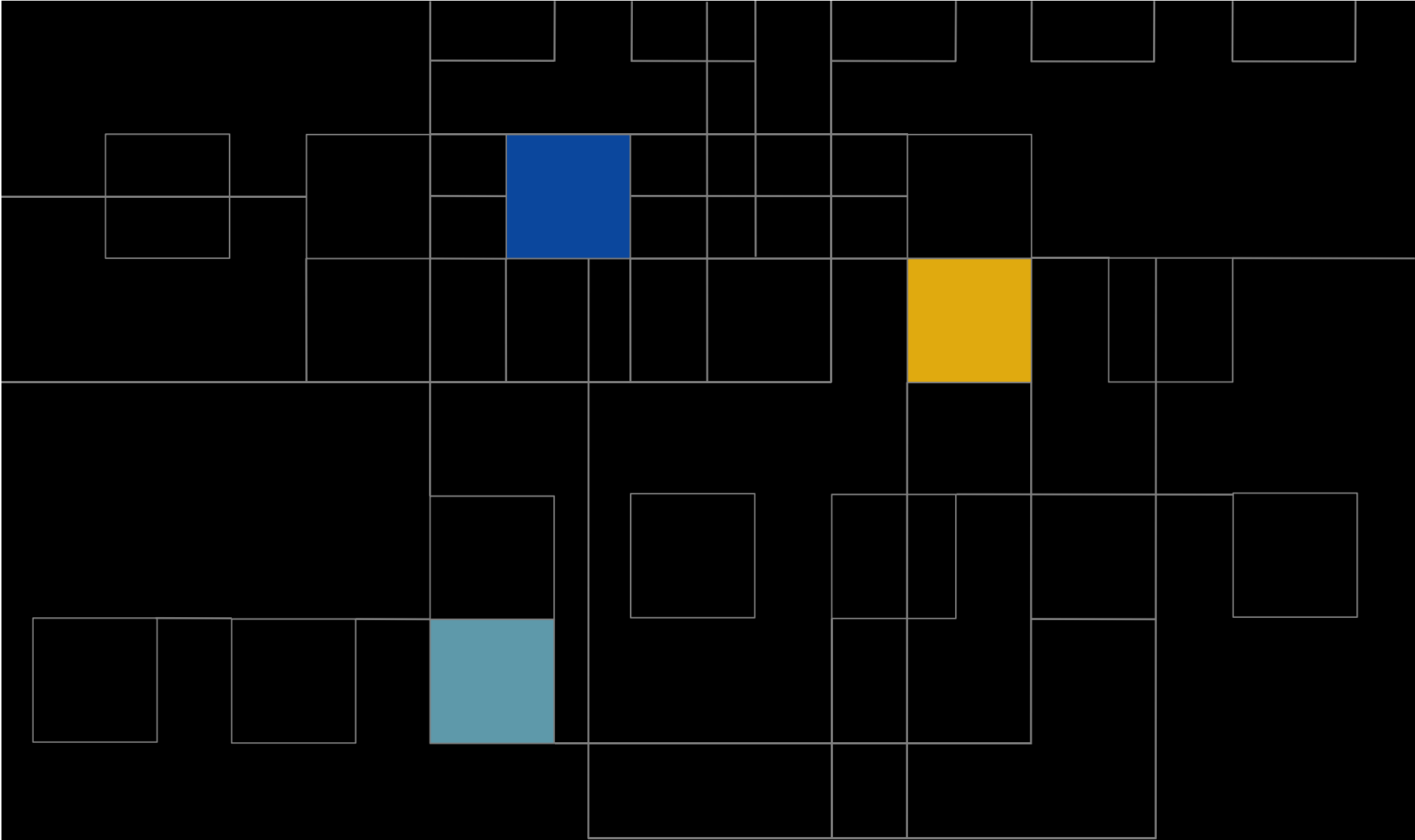
## ■ What Went Wrong?

- Suppliers ignored best practice on packaging – waste increase.
- No follow on contracts!
- Knowledge transfer to other clients - procurement



## ■ Summary

- Changing the procurement process away from lowest cost
- Increasing the rate of diffusion of good practice
- Encouraging frameworks & partnering
- Engaging more SMEs & regional business
- Regional agencies to implement sustainability as a key project driver
- Projects need strong client leadership to deliver tangible objectives



**Q&A**