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Structures sustainability issues
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Sustainability
• ‘Securing the future’ – HM Government
• ‘Achieving sustainability’ – HA Action Plan
• HA background – congestion, safety, respect environment, better information
• Resources, aggregates, energy, water
• Waste, resource, recycling
• Climate change adaptation strategy
• Carbon accounting tools
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**Sustainability**

- Balance of costs, lifecycle issues, quality, durability
- Demonstration project
- New construction and maintenance
- Different materials and forms of construction
- Training
- Research
- Publications
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Sustainability

• All industry initiatives – clients, designers, contractors, manufacturers
• How do we coordinate initiatives?
• How do the initiatives link into product certification?
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Highways Agency initiatives
• Sustainability Development Action Plan
• Carbon accounting tools on Portal
• Benchmarking
• Target key areas
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Team sustainability plans

• Implications for our work – technical approval, standards and specifications, industry liaison, research, training
• Managing industry initiatives
• Quality and certification
• Procurement issues
• Eco-friendly structures
• Waste management
• Recycling
• Flooding and scour
• Discussion
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Open for discussion