

International Bridge Forum

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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