

Highway Assets - Managing and Adapting for Climate Change

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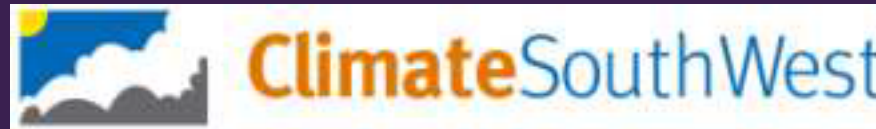


Winter Flooding Events - The Case to Adapt



Resilience Challenges – South West Highways Initiative

- Winter damages from storm events of late 2013/early 2014
- Transport Resilience Review (July 2014, DfT)
- Review of transport network and resilience to extreme weather events
- South West Transport Adaptation Task and Finish Group



HIRAM

- Highways Infrastructure Resilience Assessment Modelling tool
- Network strategic tool to analyse risks and their socio economic impacts
- To improve resilience on network based level
- Evidence for infrastructure business cases
- Risks based on experience and UKCP09 data forecasts
- Impact of the risks on the economy, communities and businesses is key

Dft Local Highways Maintenance Incentive Funding (June 15)

- Maintenance Funding between 2015/16 and 2020/21
- £578M of £5.8 billion set aside for new 'Incentive Fund'
- Reward to Councils who can demonstrate they are delivering VFM
- Three Band categories, Band 1 (low) to Band 3 (high)
- 22 Self-Assessment Questions
- Asset Management (9), Resilience (3), Customer (3), Benchmarking (2) and Delivery (5)

Asset Management Delivery Self Assessment Questions

Section 2 - Resilience Question

Q9. Has your local authority established a resilient network as recommended by the 2014 Transport Resilience Review?

Q10. Has your local authority implemented the relevant recommendations of the 2012 HMEP Potholes Review - Prevention and a Better Cure?

Q11. Has your local authority implemented the relevant recommendations of the 2012 HMEP Guidance on the Management of Highway Drainage Assets?

What is the Resilient Network?

- Part of Highway Infrastructure Asset Management (HIAM)
- Ensures all users can move around the network with minimum disruption even in inclement weather events
- Assessing crucial parts which serve areas of economic importance such as hospitals, schools, transport hubs and businesses
- Targeted priority for programme investment strategy and winter maintenance
- Reviewed every two years in line with the DfT guidance
- Review of larger BCP network and priorities

Thank you

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