

# Increasing our resilience to weather



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# Evidence gathering



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# 2006 heat wave - road damage

High temperatures (34.8oC on 19th July 2006) create 'sticky' conditions on more than 37 roads over two day period.

## Consequences:

- Heat damage
- Road closures

## Responses

- diversions
- Gritting
- 'Slippery road'

## Cost

- Estimates £3.6m



# 2006 heat wave - school closures

Some schools recorded temperatures of more than 36°C (97°F) in classrooms.

## Consequences

Temperature in some classrooms exceeded 36°C

## Responses

6 schools closed for either an afternoon, one or two days. Head teachers decided that pupils should be sent home. Over 970 students affected.



# Snow/cold spells

2007-2009: 4 events; cost c £600,000

January 2010

- Estimated highway related costs **£630k** over budget for snow clearance and gritting Nov- January period.
- More than **25,000** miles of gritting and even more miles of snowploughing



# Total estimated costs

<b>Period covered</b>	<b>Approx no of severe weather events</b> eg 2007 and 2008 floods, January 2009 cold spell/snow	<b>No of recorded incidents/ consequences</b> eg damage to school buildings, school closures	<b>Est. total costs</b>
<b>1996-2006</b>	36	263	£16.5 million
<b>2007-2009</b>	10	93	£4.5 million
<b>Total</b>	46	356	<b>£21 million</b>



# Our response

- Strengthening internal processes and joint working
- Risk assessments
- Local community resilience



# Infrastructure



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# The Future

- Service and resource planning
- Capital and asset management
- Leading by example

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