Increasing our resilience to weather



T584 AGU



Evidence gathering









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





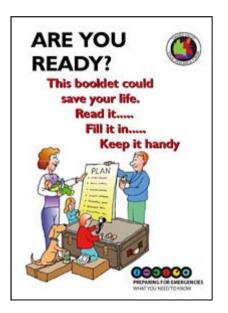
Total estimated costs

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



Our response

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





Infrastructure







The Future

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

