

Transport Resilience Review

Call for Evidence

This study was commissioned by the Secretary of State for Transport to identify practical measures to improve the resilience of the transport network to severe weather events in the short term, whilst also giving due consideration to longer term resilience of the nation's transport infrastructure. This will include plans looking to mitigate impacts from severe weather events; contingency planning to manage the effects, and adaptation of infrastructure to manage projected future risks. The review will build on the review led by David Quarmby in 2010, which considered the resilience of transport systems to extreme winter weather – snow and ice.

This review will not, therefore, consider snow and ice, but will include:

- more extreme rainfall events, leading to fluvial, pluvial and groundwater flooding
- increased incidence and severity of storms and high winds
- higher frequency of extreme coastal storm surges and sea level rise
- extreme high temperatures

It will also consider the following parts of the transport industry:

- the strategic road network and local roads
- the national rail network, including private and public transport
- aviation – airports of economic and strategic importance
- maritime – ports of economic and strategic importance
- light rail and underground systems

Providing Evidence to the Review

Respondents with very different backgrounds will wish to contribute to the Review's thinking. Written evidence is particularly welcome from transport and infrastructure operators, highway and transport authorities, maintenance contractors, passenger organisations and representative groups with an interest in the resilience of the transport sector. The Expert Panel may wish to invite some interested parties to give additional evidence face-to-face.

Respondents should structure their responses according to the questions below, though different questions will be relevant to different respondents. **Please answer only those questions which are relevant to you.** Please provide examples to support your answers wherever possible and **limit your response to a maximum of 6 pages of A4.**

Responses should:

- be in Word (doc, docx, rtf, txt, ooxml or odt) format, not PDF

- contain as few logos or embedded pictures as possible
- contain no macros
- comprise a single document. If there are any annexes or appendices, these should be included in the same document.

We expect to publish the written evidence received on the Review website. If you do not wish your submission to be published, you must clearly say so and explain your reasons. The Expert Panel will take this into account in deciding whether to publish.

Please send your response by **2nd May 2014** to:

(email) resilience.review@dft.gsi.gov.uk

(post) Transport Resilience Review, c/o 2/26 Great Minster House, 33 Horseferry Road, London SW1P 4DR.

If you have any further questions, please contact the Review Team via the above email address or telephone 0207 944 3904.

Please use the structure which follows for your response.

About You

What is the name of your organisation?

Do you represent a particular interest group? If so who?

Which transport sectors are you particularly interested in?

What are your contact details for any follow-up?

Questions

The Transport Network in Extreme Weather

1. What weather or climate related impacts to transport concern you most, and for what reasons?
2. How accurate have you found forecasting of extreme weather? How have you acted on forecasts?
3. What was your experience of the extreme weather of autumn-winter 2013-2014? What lessons have you learned?
4. What other, historical weather events have impacted you most, and how?
5. How well did the UK's transport network respond to the extreme weather? In particular, what worked well and what do you consider needs to be improved?
6. How was the service to customers and transport users modified to manage the impact of the extreme weather?
7. How well did transport operators communicate with their customers and transport users?
8. How well did transport operators communicate among themselves and co-ordinate their response?
9. What action do you have underway or planned as a result of the challenges faced?
10. What action would you like to see taken by others to reduce the impact of extreme weather on transport?

Managing the Impacts on Transport from Extreme Weather

11. In the context of your business or interests, what are your planning assumptions about extreme weather?

12. In the context of your business or interests, what is the economic basis for investment and resource allocation decisions related to the effects of extreme weather on transport networks?
13. Are investment and resource allocation decisions prioritised to reduce the vulnerability of transport systems and their users to weather events? Is there a case to revise the approach?
14. The transport network serves many needs for our society and economy. Are there parts of our transport infrastructure which cannot be allowed to fail in any eventuality? If so, why?
15. What level of service can customers and transport users reasonably expect in extreme weather?
16. How do you work with other bodies to improve resilience to extreme weather events?
17. What can we learn by the experience of and approach taken by other nations in terms of planning and managing resilience?
18. Are there any other issues which you think relevant to the Review's Terms of Reference and would like to raise?