

Highways Agency Specification 2013-14 – Scoping Document

Field	Notes
Short Title	Investigating Alternative Measures of Reliability, which could Reflect the Impact of Investment on the Reliability of the SRN.
Performance Specification Reference	Output 5 – PS 4.7b
Requirement / Output Details	<p>The network operator should complete a piece of work by the end of March 2015 which:</p> <ul style="list-style-type: none"> Investigates whether there are other measures of reliability, aside from the on time measure currently used, which could help reflect how, and to what extent, the network operator's investments and interventions affect the reliability of the SRN.
Scope	<p>We already use other measures of reliability in our appraisal and evaluation of major projects. Therefore we will initially review how those measures could be used to this end. Only if no existing mechanisms are suitable will we extend the scope to considering whether there are any other measures that could be derived.</p> <p>The chosen measure will then be tested for applicability to other scheme types.</p>
Rationale	<p>Output 5 highlights that journey times on the SRN should be reliable.</p> <p>We are focussing on major schemes in the first instance as these represent the majority of our investment and the most likely to have an impact. Many of our major schemes claim that they will improve reliability.</p> <p>The POPE (Post Opening Project Evaluation) of Major Schemes programme has been running since 2002. Over this time period reliability has become a higher profile aim of major schemes, therefore evaluation methodology relating to reliability has evolved overtime. As such, the POPE will be used as the basis of this investigation.</p>
Proposed Deliverables (with Associated Completion Dates)	<p>Deliverable 1:</p> <ul style="list-style-type: none"> a review of the methods which have been undertaken to evaluate reliability impacts of major schemes as part of the POPE programme, (November 2013)

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	<ul style="list-style-type: none">the outcome of this review will be considered and further investigations programmed if required. <p>Deliverable 2:</p> <ul style="list-style-type: none">a report setting out the preferred measure. (by Dec 2015) <p>Deliverable 3:</p> <ul style="list-style-type: none">an investigation into the applicability of the measure to other types of intervention such as maintenance and technology schemes. This is dependent on deliverable 2 identifying a suitable measure. (by March 2015)the results of all investigations to be collated in a report. (by March 2015)
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