

TC D.3 – Bridges

Issue D.3.1	
Bridge design towards improved inspection and maintenance	
<i>Strategies</i>	<i>Outputs</i>
Undertake an evaluation and analysis of inspection and maintenance practices and plans developed to meet new codes and standards. Review of practices to include practical examples and case studies of successful and failed practices.	Report reviewing good and poor practices and proposal of general recommendations and guidance.
Issue D.3.2	
Technical and economic considerations of bridge rehabilitation methods	
<i>Strategies</i>	<i>Outputs</i>
Consideration and review of rehabilitation strategies (from no rehabilitation to major rehabilitation or rebuilding). Include factors such as: bridge life span, remaining life, residual value, rehabilitation cost, replacement cost.	Report with review and analysis of the experience of different countries. Compendium of best practices.
Issue D.3.3	
Inspections and damage assessment techniques	
<i>Strategies</i>	<i>Outputs</i>
Conduct a review of assessment techniques and evaluation models used to determining the reliability and safety of bridges.	Report on the impact and outcomes of several damage assessment techniques and evaluation models.

Development of content alongside the formal outputs to foster visibility and the sharing of the group's work throughout the cycle.