

INFRASTRUCTURE AUSTRALIA

REFORM AND INVESTMENT FRAMEWORK TEMPLATES FOR USE BY PROPONENTS

(To be read in conjunction with Infrastructure Australia's
Better Infrastructure Decision-Making guidelines)

Summary Template and Templates for Stages 1-6

October 2010

Proposal Summary (2 pages, excluding maps)

Initiative Name:	
Location (State/Region(or City)/ Locality):	
Name of Proponent Entity:	
Contact (Name, Position, phone/e-mail):	
Description of Initiative:	<ul style="list-style-type: none"> • Provide a 2-3 paragraph description of the initiative and the capability it will provide. The description needs to provide a concise, but clear description of the initiative's scope. • Include two maps (in pdf format) showing the location of the proposal, one showing the broader area within which the initiative sits, and one showing the initiative in more detail. • As part of the submission, attach Geographic Information System data for the initiative (either in Mapinfo tab or mif format, or ESRI shape file or geo-database format), where available.
Theme alignment	<ul style="list-style-type: none"> • With reference to Infrastructure Australia's themes, describe the strategic planning or decision-making task for which assessment against the Reform and Investment Framework is being undertaken eg. Transforming [City X], Water Security for [], Developing the national energy market through []. • Outline how the initiative could contribute to these themes and create national benefits.
Pipeline category nominated by proponent (please indicate one category only):	Early Stage/Real Potential/Threshold/Ready to Proceed
Capital Cost of Initiative by Proponent (\$M, nominal, undiscounted):	
Commonwealth contribution sought by Proponent, and cash flow in financial years – including any requests for project development funding (\$M, nominal, undiscounted):	
Other funding (source/amount/cash flow) (\$M, nominal, undiscounted):	
BCR by Proponent excluding Wider Economic Benefits	
High level development and implementation program	<ul style="list-style-type: none"> • Show key steps, eg planning, the initiative's development, business case consideration, environmental approvals, procurement, and construction, with expected start and end dates.
Confidentiality	<ul style="list-style-type: none"> • Indicate which part(s) of the submission have been submitted to Infrastructure Australia on a confidential basis, and provide a brief explanation of the reason(s) for the confidentiality request.

Stage 2: Problem Identification

<p>Problem Identification:</p> <p>Current issues</p>	<p><i>List those current problems, issues or challenges that the proponent considers will limit the ability to achieve the goals and objectives identified in Stage 1:</i></p> <p><i>This could be accessibility, availability, prices/cost, capacity, emissions, safety etc. Identification should be based on empirical observations and could be generated based on surveys, interviews or studies from a wide range of sources.</i></p>
<p>Problem identification:</p> <p>Future scenarios</p>	<p><i>Outline the 'drivers of change' that are likely to have the greatest impact on the relevant infrastructure network(s), for example:</i></p> <ul style="list-style-type: none"> • <i>Socio-demographic change</i> • <i>Economic change</i> • <i>Energy prices</i> • <i>Climate change</i> • <i>Technological change</i> • <i>Governance change</i> <p><i>What are the uncertainties around these 'drivers'?</i></p> <p><i>Outline any scenarios that have been generated from the drivers of change, i.e. High-oil prices scenario, High-population scenario etc – detailing the horizon year, data sets, models used, outcomes)</i></p>
	<p><i>List potential <u>future</u> problems or challenges from the scenarios. Are they same as the current problems? Have some problems disappeared? Would new problems arise under some scenarios?</i></p> <p><i>This could be accessibility, availability, prices/cost, capacity, emissions, safety etc. Identification should be based on empirical observations and could be generated based on surveys, interviews or foundation studies from a wide range of sources.</i></p>

Stage 3: Problem Assessment

Problem assessment	<p><i>To what extent does (or will) the problem impact upon the goals and objectives?</i></p>
Current problems	<p><i>How is the problem currently affecting the nation/ state/ region (city)/ locality?</i></p> <p><i>Quantify the extent to which the problems may affect the attainment of the goals/objectives.</i></p> <p><i>List the data and evidence available to support the quantification.</i></p>
Future problems	<p><i>How is the problem likely to affect the nation/ state/ region/ city/corridor?</i></p> <p><i>Quantify the extent to which the problems may affect the attainment of the goals/objectives.</i></p> <p><i>List the available data and evidence to support the quantification.</i></p>

Stage 4: Problem Analysis

Problem analysis	<p><i>Outline the underlying causes of the problem.</i></p> <p><i>Give the policy argument explaining the genesis of the problem (e.g. market failure, incorrect pricing, lack of investment signals, governance).</i></p> <p><i>Provide data and other evidence to back up the policy arguments.</i></p>
Identify fundamental cause, not symptoms, of the problem	<p><i>Focus on the fundamental cause of the problem, e.g. the root cause of road congestion should not simply be claimed as a “lack of capacity” – what has caused the lack of capacity?</i></p> <p><i>It may, for example, be a demand/supply mismatch caused by incorrect pricing and excess demand, or a lack of supply side investment due to the absence of price signals or targeted revenue streams.</i></p>
Problem Prioritisation	<p><i>Identify why this problem has been prioritised against other problems across that network and/or region – i.e. demonstrate which problems are most likely to hinder the achievement of goals and objectives.</i></p>

Stage 5: Option Generation

REFORM (ESSENTIALLY NON-CAPITAL INVESTMENT) OPTIONS

Option 1

Short description of the option, and how it is likely to achieve the goals/objectives.

Option 2

Short description of the option, and how it is likely to achieve the goals/objectives.

Option_n

Short description, etc.

INVESTMENT OPTIONS

Option 1

Short description of the option, and how it is likely to achieve the goals/objectives.

Option 2

Short description of the option, and how it is likely to achieve the goals/objectives.

Option_n

Short description, etc.

Stage 6: Options Assessment

Infrastructure Australia is not mandating a particular process for moving from a long list of potential options to a short list of lead candidates. The following three-step process is an indicative guide.

Long list	<p>Explain how an original full list ('long list') of options was initially narrowed down to an interim list.</p> <p>Summarise the results of this process, for instance the scores from a high level Multi Criteria Analysis process.</p> <p>Where possible, explain how this process incorporated different scenarios.</p>
Interim list	<p>Explain how the interim list of options was then narrowed down to a short list.</p> <p>Summarise the results of this process, for instance the scores from a detailed Multi Criteria Analysis process and the headline results of Rapid Economic Appraisals.</p> <p>Where possible, explain how this process incorporated different scenarios.</p>
Short list	<p>Explain how the interim list of options was finally narrowed down to a lead option.</p> <p>Summarise the results of this process, for instance the scores from a detailed Multi Criteria Analysis process and the main results from a detailed economic appraisal of two or three lead contenders (presenting, for instance, the Appraisal Summary Table for each lead option).</p> <p>Where possible, explain how this process incorporated different scenarios.</p>