

INFRASTRUCTURE AUSTRALIA

REFORM AND INVESTMENT FRAMEWORK TEMPLATES FOR USE BY PROPONENTS

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

Summary Template and Templates for Stages 1-6

October 2009

Proposal Summary (2 pages, excluding maps)

Initiative Name:	
Location (State/Region(or City)/ Locality):	
Name of Proponent Entity:	
Contact (Name, Position, phone/e-mail):	
Project Description:	<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.
Capital Cost of Initiative by Proponent (\$M, nominal, undiscounted):	
Commonwealth contribution sought by Proponent, and cash flow in financial years (\$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, project 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: 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

<p>Problem assessment</p>	<p><i>To what extent does (or will) the problem impacts upon the goals and objectives?</i></p>
<p>Current problems</p>	<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 is available to support the quantification.</i></p>
<p>Future problems</p>	<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>
<p>Problem Prioritisation</p>	<p><i>Identify which are the most pressing problems – i.e. demonstrate which problems are most likely to hinder the achievement of goals and objectives.</i></p>

Stage 4: Problem Analysis

<p>Problem analysis</p>	<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>
<p>Identify fundamental cause, not symptoms, of the problem</p>	<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>

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>