

Regulators' Alliance for Progressing  
Infrastructure Development

January 2024



# Gate four submission template



## **Guidance for completing this submission**

The submission should provide concise evidence of the solution's progress and ongoing viability. The submission document is intended to be a factual, standalone summary of the evidence assembled for gate four activities and the solution's progress. We expect the text of the submission document to be no more than approximately 20 pages and its length to be commensurate with the complexity of the solution. Documents forming part of the submission may be appended to the submission document in addition, but the number and length of appended documents should be kept to a minimum as much of the information will already have been submitted as either part of your planning application or other permits and consents.

The gate four guidance document outlines what is expected to be included in each section of the submission document. Please refer to it when completing the submission. Where relevant, cross-reference other sections within the submission document to avoid duplication.

The submission document must provide an overview about the progress of the solution and evidence of gate four activities without duplicating information already provided as part of the planning and environmental consenting. Any references to materials outside of this document are intended to provide an audit trail. All documents and data referred to in this submission must be published either alongside the submission, redacted as necessary in line with our guidance or be available as part of the planning application or other permit and consents routes. The number and size of supporting documents included in the submission should be kept to a minimum.

# **Strategic regional water resource solutions: detailed feasibility and concept design**

## **Gate four submission for [solution name]**

Date: [insert completion date]

Published version: 1

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# 1. Executive summary

Provide an overview of the solution and please complete the at-a-glance table below setting out key facts, that allow comparisons with other solutions and highlight key risks at the bottom.

Item	Details
Scheme type	
Key assets	
1 in 500 year Deployable Output (DO)	
Requirements met by the scheme	
Plans in which the scheme features	
Date by when the scheme is required	
Year the scheme can be first operated	
Max utilisation average incremental costs (AIC) (with sensitivity test figures)	
Date planning application submitted and outcome	

## 2. Solution costs and benefits

Present updated key cost information provided at gate three for the preferred option with reduced uncertainty in costs and benefits and an explanation of any material change in costs, including where optimism bias has been reduced as costs firm up.

See section 6 of the guidance.

## 3. Environmental

Provide a brief description of the environment permits and consent the solution requires and an update of where the applications are i.e. applied for or accepted.

In [Strategic regional water resources solutions guidance for gate three](#) RAPID laid out guidance for solutions that may affect National Parks, The Broads or Areas of Outstanding Natural Beauty position, we expect an update of the position provided at gate three.

If the solution is utilising existing consents this should be included in the narrative in the environmental section.

See sections 3.6 and 8 of the guidance.

## 4. Programme and planning

### 4.1 Project plan

A clear and up to date project-level plan that sets out the key solution-specific milestones to delivery and includes key activities and outputs that need to be undertaken and achieved for the rest of the project is required at gate four. It should contain clarity around important milestones and interdependencies.

See section 4.1 of the guidance.

### 4.2 Key risks and mitigation measures

An assessment of key risks to the solution's planned progress to completion and an assessment of risks to costs and realisation of the benefits of the solution should be provided.

See section 4.2 of the guidance.

### **4.3 Proposed activities after gate four and outcomes**

Evidence solution owners have started development of a digital twin and evidence solution owners have considered how the solution will integrate with existing operations.

See section 4.3 of the guidance.

### **4.4 Land Acquisition, Construction and Operational Impacts**

Provide an overview of where the solution is in the process of acquiring land and rights over land.

See section 4.4 of the guidance.

## **5. Procurement and operation model**

Updated procurement arrangements and updated procurement strategy.

See section 5 of the guidance.

## **6. Stakeholder and customer engagement**

Include a plan for the remaining activities that the solution intends to complete to communicate any changes of water source to stakeholders and customers.

See section 7 of the guidance.

## **7. Board statement and assurance**

An assurance statement from the Board of each solution owner, in its own words.

See section 10 of the guidance.

## **8. Efficiency of expenditure**

Enter information in the Efficiency of Expenditure template detailing incurred costs for each gate activity allocated to the categories of Programme and Project Management; Finalised Feasibility and Developed Design; Environmental Assessment; Data Collection, Sampling, and

Pilot Trials; Planning and Land; Commercial and Procurement; Stakeholder Engagement; Legal, and Other.

See section 2.6 of guidance and the Efficiency of Expenditure template.

## 8.1 Solution progression

Recommendations for the solution to progress through gate four and continue to receive funding for preconstruction activities.

## 9. Conclusions and recommendations

Concise summary of the conclusions and list of recommendations if applicable.

## 10. Supporting documentation

Any data tables including cost and benefit profiles must be consistent with 2024 water resource management plans (WRMP24) reporting requirements.

In the main gate four report include:

- A table of any actions and recommendations given by RAPID at the previous gate and signpost where further detail can be found in the main report and/or appendix.
- If appendix are needed, include a table listing each appendix of the submission, its title and a summary of content.

In the appendix to the main report include:

- An appendix that lists the criteria from the gate four guidance and signposting where in the main report or which appendix of the main report it is addressed. An example from a gate two appendix has been included as a guide on the next page.


## 11. Example from gate two of guidance criteria and signposting appendix

Guidance reference	Overview of expectation	Sub-reference and detail of expectation	Addressed?	Description and/or rationale for X SRO	Report and	Section reference
3.1 Background <b>Objectives</b>	n/a	3.1.1. The submission should outline what requirements and objectives this solution is aiming to address, including requirements and objectives set out by the Environment Agency for England in the National Framework for Water Resources, published in 2020, the Water Strategy for Wales and regional and company plan(s). Proposals that affect Wales will have regard to the interests of Wales, in particular sustainable management of its natural resources and Welsh legislation and policies especially the guiding principles.	Yes	The requirements and objectives are set out in the main gate two report.	Main gate two report	2
3.2 Solution, Options and sub-options	The submission should provide descriptions about the	3.2.1. Solution description - what does it do.	Yes	Refer to gate two report	Main gate two report	3.1
		3.2.2. Evidence that a broad range of solution options have been	Yes	An appraisal of potential site options has been completed	Main gate two report	3.2, 3.3, 4.3



Guidance reference	Overview of expectation	Sub-reference and detail of expectation	Addressed?	Description and/or rationale for X SRO	Report and	Section reference
	solution, options and sub-option elements, and evidence of what has been considered. This should include:	considered with justification for why sub-optimal options have been eliminated and viable options selected to be carried forward including consideration of sub-option elements (key assets) interaction (both intra-regional and inter-regional) and scalability		at gate two to identify feasible quarries for repurposing as water storage reservoirs, and to reject any unsuitable sites. Potential alternative options to increase the storage to provide a higher DO have been considered and discussed as potential opportunities.	Annex A1 - Options Appraisal, Site Selection  Annex A4 – Concept Design Report	All  1.3, 1.4, 1.5
		3.2.3. Configuration of solution options and sub-option elements including a description of how the solution/ options/sub-option elements will be operated.	Yes	A scheme diagram has been developed to communicate the key assets in the gate two report. Further detail of key asset and operation is provided in the conceptual design report.	Main gate two report  Annex A4 Concept Design Report	3.4  All

Example from a gate two appendix of guidance and section signposting.



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**OGI**