

## 4.4 Community impacts and infrastructure safety

**Principle:** Livelihoods and living standards impacted by the project are improved relative to pre-project conditions for project-affected communities; and life, property and community assets and resources are protected from the consequences of dam failure and other infrastructure safety risks.

**Scope:** Impacts of the project on project-affected communities, including economic displacement, impacts on livelihoods and living standards, public health impacts, and impacts to rights, risks and opportunities of those affected by the project. This section also addresses project benefits and infrastructure safety during project preparation, implementation and operation.

### Requirements:

Criteria	Minimum requirements (good practice)	Advanced requirements (best practice)
Assessment	<p><b>Preparation Stage:</b></p> <p><i>Project-affected Communities</i> – An assessment of issues relating to project affected communities has been undertaken, utilising local knowledge.</p> <p><i>Public Health</i> – A public health issues assessment has been undertaken; the assessment includes public health system capacities and access to health services, and has considered health needs, issues and risks for different community groups.</p> <p><i>Project Benefits</i> – An assessment of opportunities to increase the development contribution of the project through additional benefits and/or benefit sharing strategies has been undertaken; and the pre-project baseline against which delivery of benefits can be evaluated post-project is well-documented.</p> <p><i>Infrastructure Safety</i> – An assessment has been undertaken of dam and other infrastructure safety risks with appropriate expertise during project preparation, construction and operation.</p> <p><b>Implementation Stage:</b></p> <p><i>Project-affected Communities</i> – Issues relating to project affected communities have been identified through an assessment process utilising local knowledge; and monitoring of project impacts and effectiveness of management measures is being undertaken during project implementation appropriate to the identified issues.</p> <p><i>Public Health</i> – Public health issues relevant to project implementation and operation have been identified through an assessment process utilising appropriate expertise; and monitoring is being undertaken during the project implementation stage appropriate to the identified issues.</p> <p><i>Project Benefits</i> – Opportunities to increase the development contribution of the project through additional benefits and/or benefit sharing have been assessed. In the case that commitments to additional benefits or benefit sharing have been made, monitoring is being undertaken on delivery of these commitments.</p>	<p><b>Preparation Stage:</b></p> <p>The assessments take broad considerations into account, and both risks and opportunities.</p> <p><b>Implementation Stage:</b></p> <p><i>Project-affected Communities and Public Health</i> – Monitoring of project-affected communities issues, and public health issues during project implementation takes into account inter-relationships amongst issues, and both risks and opportunities that become evident during implementation.</p> <p><i>Project Benefits</i> – The assessment of delivery of project benefits takes into consideration both risks and opportunities.</p> <p><i>Infrastructure Safety</i> – Consideration of safety issues takes into account a broad range of scenarios and both risks and opportunities.</p> <p><b>Operation Stage:</b></p> <p><i>Project-affected Communities</i> – Identification of ongoing or emerging issues for project affected communities takes into consideration both risks and opportunities, and interrelationships amongst issues.</p> <p><i>Public Health</i> – identification of ongoing or emerging public health issues takes into account public health system capacities, access to health services, and health needs, risks and opportunities for different community groups.</p> <p><i>Project Benefits</i> – Identification of ongoing or emerging issues relating to project benefits takes into account both risks and opportunities.</p> <p><i>Infrastructure Safety</i> – Identification of ongoing or emerging safety issues takes into account consideration of a broad range of scenarios and both risks and opportunities.</p>

**Operation Stage:**

***Project-affected Communities and Project Benefits***

– Monitoring is being undertaken to assess if commitments to project affected communities, and to project benefits, have been delivered and if management measures are effective; and ongoing or emerging issues that affect project affected communities, or relating to the delivery of project benefits, have been identified.

***Public Health*** – Ongoing or emerging public health issues associated with the operating hydropower facility have been identified, and if management measures are required then monitoring is being undertaken to assess if management measures are effective.

***Infrastructure Safety*** – Routine monitoring of dam and infrastructure safety is being undertaken to identify risks and assess the effectiveness of management measures; and ongoing or emerging dam and other infrastructure safety issues have been identified.

**Management**

**Preparation Stage:**

***Project-affected Communities*** – Management plans and processes for issues that affect project affected communities have been developed including monitoring procedures, utilising local expertise when available; and if there are formal agreements with project affected communities these are publicly disclosed.

***Public Health*** – Plans and processes to address identified public health issues have been developed for project implementation and operation.

***Project Benefits*** – Project benefit plans and processes have been developed for project implementation and operation that incorporate additional benefit or benefit sharing commitments; commitments to project benefits are publicly disclosed.

***Infrastructure Safety*** – Dam and other infrastructure safety management plans and processes have been developed for project implementation and operation in conjunction with relevant regulatory and local authorities and provide for communication of public safety measures; emergency response plans include awareness and training programs and emergency response simulations; and dam safety is independently reviewed.

**Implementation Stage:**

***Project-affected Communities*** – Measures are in place to address identified issues that affect project affected communities, and to meet commitments made to address these issues; and if there are any formal agreements with project affected communities these are publicly disclosed.

**Preparation Stage, Implementation Stage and Operation Stage:**

***Project-affected Communities, Public Health, and Project Benefits*** – Processes are in place to anticipate and respond to emerging risks and opportunities; plans provide for public safety measures to be widely communicated in a timely and accessible manner; and emergency response plans are independently reviewed.

***Infrastructure Safety*** – Processes are in place to anticipate and respond to emerging risks and opportunities; and public safety measures are widely communicated in a timely and accessible manner

**Public Health** – Processes are in place to ensure management of identified public health issues, and to meet commitments, relevant to the project implementation stage; plans are in place for the operation stage for ongoing public health issues management including hand-over to local authorities as appropriate.

**Project Benefits** – Measures are in place to deliver commitments by the project to additional benefits or benefit sharing; and commitments to project benefits are publicly disclosed.

**Infrastructure Safety** – Processes are in place to address identified dam and other infrastructure safety issues, and to meet any safety related commitments, relevant to the project implementation stage, including providing for communication of public safety measures; a formal quality control program is in place for construction; safety management plans for the operation stage have developed in conjunction with relevant regulatory and local authorities; and emergency response plans include awareness and training programs and emergency response simulations.

**Operation Stage:**

**Project-affected Communities and Project Benefits** – Measures are in place to deliver commitments to project affected communities, and to project benefits, and to manage any identified issues relating to these commitments; and if there are any formal agreements with project affected communities, and commitments to project benefits, these are publicly disclosed.

**Public Health** – Measures are in place to manage identified public health issues.

**Infrastructure Safety** – Dam and other infrastructure safety management plans and processes have been developed in conjunction with relevant regulatory and local authorities, and provide for communication of public safety measures; emergency response plans and processes include awareness and training programs and emergency response simulations.

**Conformance/ Compliance**

**Implementation Stage and Operation Stage:**

Processes and objectives relating to project-affected communities issues, project benefits, safety, and in place to manage public health issues, have been and are on track to be met with no major non-compliances or non-conformances, and commitments have been or are on track to be met.

**Implementation Stage and Operation Stage:**

There are no non-compliances or non-conformances

## Outcomes

### Preparation Stage:

**Project-affected Communities** – Plans provide for livelihoods and living standards impacted by the project to be improved, and economic displacement fairly compensated, preferably through provision of comparable goods, property or services.

**Public Health** – Plans avoid, minimise and mitigate negative public health impacts arising from project activities.

**Project Benefits** – Plans deliver benefits for communities affected by the project.

**Infrastructure Safety** – Plans avoid, minimise and mitigate safety risks.

### Implementation Stage and Operation Stage:

**Project-affected Communities** – Livelihoods and living standards impacted by the project have been or are on track to be improved, and economic displacement is fairly compensated, preferably through provision of comparable goods, property or services.

**Public Health** – Negative public health impacts arising from project activities are avoided, minimised and mitigated.

**Project Benefits** – Communities directly affected by the development of the hydropower project, and any other identified beneficiary of the facility have received or are on track to receive benefits.

**Infrastructure Safety** – Safety risks have been avoided, minimised and mitigated.

### Preparation Stage:

**Project-affected Communities** – Plans provide for livelihoods and living standards that are impacted by the project to be improved with the aim of self-sufficiency in the long-term; and the project contributes to addressing issues for project affected communities beyond impacts caused by the project itself.

**Public Health** – Plans avoid, minimise, mitigate and compensate negative public health impacts with no identified gaps; and provide for enhancements to pre-project public health conditions or contribute to addressing public health issues beyond those impacts caused by the project.

**Project Benefits** – Plans deliver significant and sustained benefits for communities affected by the project.

**Infrastructure Safety** – plans contribute to addressing safety issues beyond those risks caused by the project itself.

### Implementation Stage:

**Project-affected Communities** – The measures put in place to improve livelihoods and living standards are on track to promote self-sufficiency in the long-term.

**Public Health** – Negative public health impacts arising from project implementation are avoided, minimised, mitigated and compensated; and enhancements to pre-project public health conditions or contributions to addressing public health issues beyond those impacts caused by the project are achieved or are on track to be achieved.

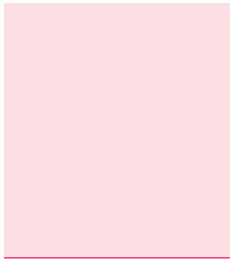
**Project Benefits** – Benefits are significant and the project has delivered or is on track to deliver significant and sustained benefits for communities affected by the project

**Infrastructure Safety** – Safety risks have been avoided, minimised and mitigated; and safety issues have been addressed beyond those risks caused by the project itself.

### Operation Stage:

**Project-affected Communities** – The measures put in place to improve livelihoods and living standards are on track to become self sustaining in the long-term.

**Public Health** – Where opportunities have been identified, measures to address public health issues beyond those impacts caused by the operating hydropower facility have been or are on track to be achieved.



**Project Benefits** – Benefits are significant and sustained for communities affected by the project.

**Infrastructure Safety** – Safety risks have been avoided, minimised and mitigated with no identified gaps; and safety issues have been addressed beyond those risks caused by the operating facility itself.

## 4.5 Resettlement

**Principle:** The dignity and human rights of those physically displaced are respected; that these matters are dealt with in a fair and equitable manner; and livelihoods and standards of living for resettles and host communities are improved.

**Scope:** Physical displacement arising from the hydropower project development.

### Requirements:

Criteria	Minimum requirements (good practice)	Advanced requirements (best practice)
Assessment	<p><b>Preparation Stage:</b></p> <p>An assessment of the resettlement implications of the project has been undertaken early in the project preparation stage to establish the socio-economic baseline for resettlement for potential resettles and host communities, and has included an economic assessment of required resettlement including ongoing costs for improvement in living standards.</p> <p><b>Implementation Stage:</b></p> <p>An assessment of the resettlement implications of the project has been undertaken that establishes the pre-project socio-economic baseline for resettles and host communities; monitoring is being undertaken of implementation of the resettlement plans, and to see if commitments made to resettles and host communities have been delivered and are effective and to identify any ongoing or emerging issues.</p> <p><b>Operation Stage:</b></p> <p>Monitoring is being undertaken to assess if commitments made to resettles and host communities have been delivered and if management measures are effective; and ongoing or emerging issues relating to resettlement have been identified.</p>	<p><b>Preparation Stage:</b></p> <p>The assessment takes broad considerations into account, and both risks and opportunities.</p> <p><b>Implementation Stage:</b></p> <p>The assessment of delivery of commitments to resettles and host communities takes into consideration both risks and opportunities.</p> <p><b>Operation Stage:</b></p> <p>Identification of ongoing or emerging resettlement issues takes into account both risks and opportunities.</p>
Management	<p><b>Preparation Stage:</b></p> <p>A Resettlement Action Plan and associated processes have been developed in a timely manner for project implementation and operation, which includes an up-to-date socio-economic baseline, compensation framework, grievance mechanisms, and monitoring procedures; and formal agreements with resettles and host communities are publicly disclosed.</p>	<p><b>Preparation Stage, Implementation Stage and Operation Stage:</b></p> <p>Processes are in place to anticipate and respond to emerging risks and opportunities.</p>