

TI Project Phases Definition - Dams

Pre-feasibility Phase 1	<ul style="list-style-type: none"> • Form Irrigator Group • Expressions of Interest • Concept development and preliminary assessments (land capability, hydrology, off stream dams) • Dam selection report • Basis of Design • Feasibility studies: environmental flows, stream geomorphology, hydrology (including sustainable yields impacts), flora and fauna, cultural heritage, limited geotechnical • Initiate EPBC and AHT assessments • Stake holder's consultation • Preliminary engineering design and cost estimates • Socio-economic report • Secure water allocation and dam location 	
Preferred option		
Feasibility and Approval Phase 2	<ul style="list-style-type: none"> • Public Launch • Community Consultation initially on concept and then on going • Finalise feasibility studies including defining the reserves off-set requirement • Reserves offset assessment • Prescribed clearing plan • Dam Development Effect and Management Strategy (DDEMS) • EPBC referral here or later • Water licence, Catchment Management Plan and transmission losses • Preliminary geotechnical, conceptual engineering design and cost estimates • Authorised Engineering Cost Estimate • Business case • Board approval 	
Project Funding Secured		
Approvals, Design & Tendering Phase 3	<ul style="list-style-type: none"> • Public launch • Binding water contracts to the threshold. • Detailed surveys • Declaration of Irrigation District • Land and easement acquisition negotiated • Complete geotechnical investigation 	<ul style="list-style-type: none"> • Dam Permit • Engineering Design • Revocation of reserves • Tendering and contract preparation. • Operations Implementation Plan • Recommendation to Construct
Approval to construct		
Construction Phase 4	<ul style="list-style-type: none"> • Award contracts • Harvesting of timber • Clearing • Construction • Commissioning • Farm Water Access Plans • Implementation of Operations 	
Practical Completion		
Commiss- ioning & Operations	<ul style="list-style-type: none"> • Commissioning and handover to Operations • Delivery of water • Construction defects liability 	