## Guide to Rail Investment Process (GRIP)

Initiate		Choose Option		2 3 3 3		uild Close	
1	2	3	4	5	6	7	8
Output Definition	Feasibility	Option Selection	Single Option Development	Detailed Design	Construction, Testing & Commission	Scheme Handback	Project Close Out
GRIP Stage 1 Output definition		GRIP Stage 2 Feasibility		GRIP Stage 3 Option selection		GRIP Stage 4 Single Option Development	
AIM: Define the output for the project. For example, connect new terminal.  MAIN OUTPUT: Define the needs and requirements – the opportunity.		AIM: Define the scope of the investment and identify constraints. Confirm that the outputs can be economically delivered and aligned with network strategy.  MAIN OUTPUT: Identifying solutions in response to the requirements		AIM: Develops options for addressing constraints. Assesses and selects the most appropriate option that delivers the stakeholders' requirements together with confirmation that the outputs can be economically delivered.  MAIN OUTPUT: Single option determined and stakeholder approval to option secured through Approval in Principle [AIP].		AIM: Initiation of the development of the chosen single option.  MAIN OUTPUT: Reference / outline design	
GRIP Stage 8 Project Closeout		GRIP Stage 7 Scheme Handback		GRIP Stage 6 Construction, Test and Commission		GRIP Stage 5 Detailed Design	
AIM: Closeout in an orderly manner. Contractual accounts are settled and any contingencies or warranties are put into place. Assessment of benefits is carried out.  MAIN OUTPUT: Project formally closed out and project support systems formally closed.		AIM: Transfer asset responsibility from the project team to the operator and maintainer.  MAIN OUTPUT: Project handed over to operator and maintainer.		AIM: Delivery to the specification and testing to confirm operation in accordance with design  MAIN OUTPUT: Project built, tested and commissioned into use.		AIM: Produces a complete, robust engineering design that underpins definitive cost / time / resource and risk estimates.  MAIN OUTPUT: Full design to which the project will be built	