Appendix 10: Flowcharts of the RAMP process

Figure 17. Flowchart of the overall RAMP process
Figure 18. Activity A – Process launch
Figure 19. Activity B – Risk review: B1 plan and initiate risk review
Figure 20. Activity B – Risk review: B2 identify risks
Identify risks

Evaluate risks

- B3.1 Preliminary evaluation of risks
- B3.2 Review and reclassify risks
- B3.3 Identify minor risks
- B3.4 Identify major risks
- B3.5 Identify risks requiring further analysis
- B3.6 Conduct detailed analysis of risks identified above
- B3.7 Estimate unforeseen and unknown risks
- B3.8 Assess impact on each parameter
- B3.9 Determine overall impact
- B3.10 Perform sensitivity analysis
- B3.11 Preliminary assessment of response options
- B3.12 Assess overall impact of residual risks

 Respond to risks

Risk register

Investment model

Figure 21. Activity B – Risk review: B3 evaluate risks
**Figure 22. Activity B – Risk review: B4 respond to risks**

1. **B3 Evaluate risks**
2. **B4 Respond to risks**
   - B4.1 Select response options
   - B4.2 Evaluate response options
   - B4.3 Decide which options are appropriate
   - B4.4 Devise action plan for each option
   - B4.5 Group together common or related actions
   - B4.6 Compile risk response strategy
   - B4.7 Update NPV calculations
   - B4.8 Reconsider response actions
   - B4.9 Select those options requiring in-depth analysis
   - B4.10 Conduct in-depth analysis
   - B4.11 Decide on responses to be adopted

- Risk register
- Investment model
- Risk register
- Risk response strategy
- Investment model
- Risk register

- **B5 Assess residual risks**

Some options require in-depth analysis, while others do not.

None of the options need further consideration.

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Figure 23. Activity B – Risk review: B5 assess residual risks
Figure 24. Activity B – Risk review: B6 plan responses to residual risks
Figure 25. Activity B – Risk review: B7 communicate strategy and plans
RISK ANALYSIS AND MANAGEMENT FOR PROJECTS

B7 Communicate strategy and plans

C1 Implement strategy and plans

C1.1 Ensure plan and strategy are integrated with mainstream management of investment

C1.2 Ensure special or exceptional actions are accounted for

C1.3 Ensure exceptional actions are co-ordinated with mainstream activities

C1.4 Report significant developments to risk process manager

C2 Control risks

Figure 26. Activity C – Risk management: C1 implement strategy and plans
C1 Implement strategy and plans

C2 Control risks

C2.1 Verify that strategy and plan are effectively implemented

C2.2 Monitor progress against strategy and plan

C2.3 Monitor risks and identify trends

C2.4 Release contingencies as required

C2.5 If significant changes occur revise strategy and plan or initiate unscheduled risk review

C2.6 Submit regular reports on progress

C2.7 Review investment

C2.8 Do events require further risk review?

B1 Plan and initiate risk review

D1 Assess investment outturn

Figure 27. Activity C – Risk management: C2 control risks
D1 Assess investment outturn

D1.1 Evaluate the performance of the investment

D1.2 Compare expected risks with actual risks

D2 Review RAMP process

D2.1 Critically assess how effectively RAMP was implemented

D2.2 Compile close-down report

D2.3 Obtain approval for report from all parties

Close-down report

Process complete

Figure 28. Activity D – Process close-down