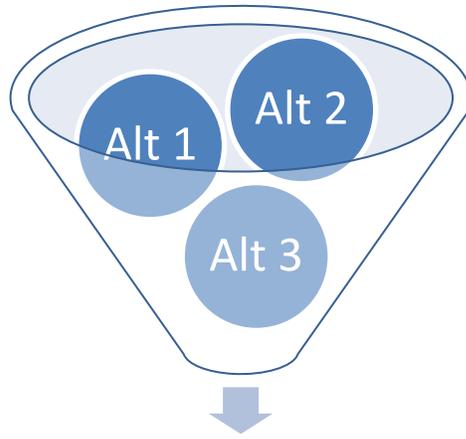


Stakeholder Advisory Group: Multi-Objective Decision Analysis



Recommended Preferred Route

Step 1: Criteria for evaluation – based on model criteria or different

- Discuss decision criteria
- Reach consensus on decision criteria

Example: built environment / natural environment / engineering / opportunity areas

Or

Example: technical feasibility / community effects / environmental effects

Step 2: Weighting of criteria

- Rank order the criteria 1 – 3 (highest number is highest importance)
- Assign weighting percentages mathematically
- Validate via discussion

Step 3: Score each alternative using the criteria

- Individual scoring
- Scores compiled
- Criteria weighting applied
- Weighted scores produced
- Numerical ranking of alternatives

Step 4: Discuss and validate numerical results

Step 5: Consensus recommendation