

# IDENTIFYING WEIGHTS FOR 1<sup>st</sup> LEVEL GOALS

Imagine a hypothetical **worst-case** scenario (see the first scenario below), in which none of the 1st order goals will be achieved (indicated on the left with the smiley faces). Such a worst case scenario gets **0 points** (indicated in the box on the left).

Now, identify which one of the five goals (A to E; *Estuary health, Sense of place, etc.*) is the most important one for you. Assign the maximum number of points, i.e. 100, to the scenario in which your most important goal is written in **blue**. This means that in this scenario, your most important goal **will be reached**, but all the other goals **won't be achieved**. This scenario receives 100 points from you. Remember the scenarios are hypothetical and might not make sense practically! **Just click the box and type the points.** Now assign points from 0 to 100 to all the other scenarios, in each of which one of the goals **is achieved**.

Assign points to the respective **scenario** comparing it to the worst-case scenario and to the 100-points scenario. You can also assign a range of points (e.g. 50-60) to each scenario, if that feels more accurate to you (or you can go through the survey twice and note down the first and second round of points). The points you assign **don't** have to add up to **100** (I'll do the rescaling later). **Also, you can assign the same number of points to different scenarios, if you think the respective goals are similarly important, or 0 or 100 points to other scenarios.**

How many points?

**Worst-case scenario: all goals in a bad status**



Goal A:	Goal B:	Goal C:	Goal D:	Goal E:
Catchment & estuary health	Sense of place	Local culture	Sustainable economy	Cost-eff. management plan



**Scenario 1: Catchment & estuary in excellent health, but all other goals in the worst status**



Goal A: Catchment & estuary health				
-----				
	Goal B:	Goal C:	Goal D:	Goal E:
	Sense of place	Local culture	Sustainable economy	Cost-eff. management plan



**Scenario 2: Sense of place in excellent status, but all other goals in the worst status**



	Goal B: Sense of place			
-----				
Goal A:		Goal C:	Goal D:	Goal E:
Catchment & estuary health		Local culture	Sustainable economy	Cost-eff. management plan



**Scenario 3: Local culture in excellent status, but all other goals in the worst status**



		Goal C: Local culture		
-----				
Goal A:	Goal B:	Goal D:	Goal E:	
Catchment & estuary health	Sense of place	Sustainable economy	Cost-eff. management plan	



**Scenario 4: Excellent sustainable economy, but all other goals in the worst status**



			Goal D: Sustainable economy	
-----				
Goal A:	Goal B:	Goal C:	Goal E:	
Catchment & estuary health	Sense of place	Local culture	Cost-eff. management plan	



**Scenario 5: A cheap and effective management plan, but all other goals in worst status**



				Goal E: Cost-eff. management plan
-----				
Goal A:	Goal B:	Goal C:	Goal D:	
Catchment & estuary health	Sense of place	Local culture	Sustainable economy	





# WEIGHTINGS FOR 2<sup>nd</sup> LEVEL GOALS UNDER THE 1<sup>ST</sup> LEVEL GOAL "SENSE OF PLACE"

Imagine a hypothetical **worst-case** scenario (see the first scenario below), in which none of these 2nd order goals will be achieved (indicated on the left with the smiley faces). Such a worst case scenario gets **0 points** (indicated in the box on the left).

Now, identify which one of the four goals (A to D; *Water-bound birds, No invasive species etc.*) is the most important one for you. Assign the maximum number of points, i.e. 100, to the scenario in which your most important goal is written in **blue**. This means that in this scenario, your most important goal will be **achieved**, but all the other goals will **not be achieved**. This scenario receives a 100 points from you.

Now assign points from 0 to 100 to all the other scenarios, in each of which one of the goals will be achieved. Assign points to the respective scenario comparing it to the worst-case scenario and to the 100-points scenario. You can also assign a range of points (e.g. 50-60) to each scenario, if that feels more accurate to you (or you can go through the survey twice and note down the first and second round of points).

The points you assign **don't** have to add up to 100 (I'll do the rescaling later). Also, you can assign the same number of points to different scenarios, if you think the respective goals are similarly important, or 0 or 100 points to other scenarios.

## Worst-case scenario: all goals in a bad status

Points



0



Goal A: Sea birds, waterfowl, waders	Goal B: No invasive species	Goal C: Estuary riparian vegetation	Goal D: Protective spit vegetation
---	--------------------------------	--	---------------------------------------

## Scenario 8: Sea birds, waterfowl and waders in excellent status, all other goals in bad status



Goal A: Sea birds, waterfowl, waders	Goal B: No invasive species	Goal C: Estuary riparian vegetation	Goal D: Protective spit vegetation
---	--------------------------------	--	---------------------------------------

## Scenario 9: No invasive species around, but all other goals in a bad status



	Goal B: No invasive species		
Goal A: Sea birds, waterfowl, waders		Goal C: Estuary riparian vegetation	Goal D: Protective spit vegetation

## Scenario 10: Excellent riparian vegetation around the estuary, but all other goals in a bad status



		Goal C: Estuary riparian vegetation	
Goal A: Sea birds, waterfowl, waders	Goal B: No invasive species		Goal D: Protective spit vegetation

## Scenario 11: Vegetation on the spit in excellent status, but all other goals in a bad status



			Goal D: Protective spit vegetation
Goal A: Sea birds, waterfowl, waders	Goal B: No invasive species	Goal C: Estuary riparian vegetation	

# WEIGHTINGS FOR 2<sup>nd</sup> LEVEL GOALS UNDER THE 1<sup>ST</sup> LEVEL GOAL "LOCAL CULTURE"

Imagine a hypothetical **worst-case** scenario (see the first scenario below), in which none of these 2nd order goals will be achieved (indicated on the left with the smiley faces). Such a worst case scenario gets **0 points** (indicated in the box on the left).

Now, identify which one of the three goals (A, B or C; *Indigenous knowledge preservation, Harvesting mahinga kai or Recreational activities*) is the most important one for you. Assign the maximum number of points, i.e. 100, to the scenario in which your most important goal is written in **blue**. This means that in this scenario, your most important goal **will be achieved**, but all the other goals **won't be achieved**. This scenario receives a 100 points from you.

Now assign points from 0 to 100 to all the other scenarios, in each of which one of the goals will be achieved. Assign points to the respective scenario comparing it to the worst-case scenario and to the 100-points scenario. You can also assign a range of points (e.g. 50-60) to each scenario, if that feels more accurate to you (or you can go through the survey twice and note down the first and second round of points).

The points you assign **don't** have to add up to 100 (I'll do the rescaling later). Also, you can assign the same number of points to different scenarios, if you think the respective goals are similarly important, or 0 or 100 points to other scenarios.

## Worst-case scenario: all goals in a bad status

☺				Points
☹	Goal A: Indigenous knowledge preservation	Goal B: Harvesting mahinga kai	Goal C: Recreational activities	0

## Scenario 12: Indigenous knowledge well preserved, but the other two goals in bad status

☺	Goal A: Indigenous knowledge preservation			
☹		Goal B: Harvesting mahinga kai	Goal C: Recreational activities	

## Scenario 13: Excellent harvest of mahinga kai, but the other two goals in bad status

☺		Goal B: Harvesting mahinga kai		
☹	Goal A: Indigenous knowledge preservation		Goal C: Recreational activities	

## Scenario 14: Excellent status of recreational activities, but the two other goals in bad status

☺			Goal C: Recreational activities	
☹	Goal A: Indigenous knowledge preservation	Goal B: Harvesting mahinga kai		

# WEIGHTINGS FOR 2<sup>nd</sup> LEVEL GOALS UNDER THE 1<sup>ST</sup> LEVEL GOAL "SUSTAINABLE ECONOMY"

Imagine a hypothetical **worst-case** scenario (see the first scenario below), in which none of these 2nd order goals will be achieved (indicated on the left with the smiley faces). Such a worst case scenario gets **0 points** (indicated in the box on the left).

Now, identify which one of the five goals (A to E; *Sustainable cockle harvest, Sustainable agriculture etc.*) is the most important one for you. Assign the maximum number of points, i.e. 100, to the scenario in which your most important goal is written in **blue**. This means that in this scenario, your most important goal **will be achieved**, but all the other goals **won't be achieved**. This scenario receives a 100 points from you.

Now assign points from 0 to 100 to all the other scenarios, in each of which one of the goals will be achieved. Assign points to the respective scenario comparing it to the worst-case scenario and to the 100-points scenario. You can also assign a range of points (e.g. 50-60) to each scenario, if that feels more accurate to you (or you can go through the survey twice and note down the first and second round of points).

The points you assign **don't** have to add up to 100 (I'll do the rescaling later). Also, you can assign the same number of points to different scenarios, if you think the respective goals are similarly important, or 0 or 100 points to other scenarios.

## Worst case scenario: all goals in a bad status



Goal A: Sust. cockle harvest					Goal B: Sust. agriculture					Goal C: Sust. forestry					Goal D: Sust. tourism					Goal E: Sustainable urbanization				
---------------------------------	--	--	--	--	------------------------------	--	--	--	--	---------------------------	--	--	--	--	--------------------------	--	--	--	--	-------------------------------------	--	--	--	--

Points

## Scenario 15: Cockle harvest is highly sustainable, but all the other economic activities not



Goal A: Sust. cockle harvest					Goal B: Sust. agriculture					Goal C: Sust. forestry					Goal D: Sust. tourism					Goal E: Sustainable urbanization				
---------------------------------	--	--	--	--	------------------------------	--	--	--	--	---------------------------	--	--	--	--	--------------------------	--	--	--	--	-------------------------------------	--	--	--	--

## Scenario 16: Agriculture is highly sustainable, but all the other economic activities not



Goal B: Sust. agriculture					Goal A: Sust. cockle harvest					Goal C: Sust. forestry					Goal D: Sust. tourism					Goal E: Sustainable urbanization				
------------------------------	--	--	--	--	---------------------------------	--	--	--	--	---------------------------	--	--	--	--	--------------------------	--	--	--	--	-------------------------------------	--	--	--	--

## Scenario 17: Forestry is highly sustainable, but all the other economic activities not



Goal C: Sust. forestry					Goal A: Sust. cockle harvest					Goal B: Sust. agriculture					Goal D: Sust. tourism					Goal E: Sustainable urbanization				
---------------------------	--	--	--	--	---------------------------------	--	--	--	--	------------------------------	--	--	--	--	--------------------------	--	--	--	--	-------------------------------------	--	--	--	--

## Scenario 18: Tourism is highly sustainable, but all the other economic activities not



Goal D: Sust. tourism					Goal A: Sust. cockle harvest					Goal B: Sust. agriculture					Goal C: Sust. forestry					Goal E: Sustainable urbanization				
--------------------------	--	--	--	--	---------------------------------	--	--	--	--	------------------------------	--	--	--	--	---------------------------	--	--	--	--	-------------------------------------	--	--	--	--

## Scenario 19: Urbanization is highly sustainable, but all the other economic activities not



Goal E: Sustainable urbanization					Goal A: Sust. cockle harvest					Goal B: Sust. agriculture					Goal C: Sust. forestry					Goal D: Sust. tourism				
-------------------------------------	--	--	--	--	---------------------------------	--	--	--	--	------------------------------	--	--	--	--	---------------------------	--	--	--	--	--------------------------	--	--	--	--

# WEIGHTINGS FOR 2<sup>nd</sup> LEVEL GOALS

## UNDER THE 1<sup>ST</sup> LEVEL GOAL "COST-EFFECTIVE MANAGEMENT PLAN"

Imagine a hypothetical **worst-case** scenario (see the first scenario below), in which none of these 2nd order goals will be achieved (indicated on the left with the smiley faces). Such a worst case scenario gets **0 points** (indicated in the box on the left).

Now, identify which one of the two goals (A or B; *Cost-effective monitoring* or *Cost-effective management action*) is the more important one for you. Assign the maximum number of points, i.e. 100, to the scenario in which your most important goal is written in **blue**. This means that in this scenario, your most important goal **will be achieved**, but all the other goals **won't be achieved**. This scenario receives a 100 points from you.

Now assign points from 0 to 100 to all the other scenarios, in each of which one of the goals will be achieved. Assign points to the respective scenario comparing it to the worst-case scenario and to the 100-points scenario. You can also assign a range of points (e.g. 50-60) to each scenario, if that feels more accurate to you (or you can go through the survey twice and note down the first and second round of points).

The points you assign **don't** have to add up to 100 (I'll do the rescaling later). Remember, you can assign the same number of points to different scenarios, if you think the respective goals are similarly important, or 0 or 100 points to other scenarios.

**Worst-case scenario:** the monitoring and the management are expensive and not effective Points



Goal A: <i>Cost-effective monitoring</i>		Goal B: <i>Cost-effective management action</i>
---	--	--



**Scenario 20:** The monitoring is highly cost-effective, but the management action is not



Goal A: <i>Cost-effective monitoring</i>	Goal B: <i>Cost-effective management action</i>
---	--



**Scenario 21:** The management action is highly cost-effective, but the monitoring is not



Goal A: <i>Cost-effective monitoring</i>	Goal B: <i>Cost-effective management action</i>
---	--

