

## Livelihoods & Economies: Economies

$x_{eco}$  is the status of the economies sub-goal

$$x_{eco} = \left( \sum_{k=1}^N e_{c, k} \right) \left( \sum_{k=1}^N e_{r, k} \right)^{-1}$$

$e_{c, k}$  is the total adjusted revenue generated directly and indirectly from sector  $k$  at current  $c$  time point

$e_{r, k}$  is the total adjusted revenue generated directly and indirectly from sector  $k$  at reference  $r$  time point

$k$  sectors: tourism, commercial fishing, marine mammal watching, aquarium fishing,

wave & renewable energy, mariculture, transport. & shipping, ports & harbors, ship & boat-building