

# Risk financing solutions and transfer mechanisms to promote climate resilience for ecosystems

## Prioritization workshop for Indonesia

Output 4 under TA-6742 REG: Building Coastal Resilience through Nature-Based and Integrated Solutions

**Location:** Jakarta (hybrid event)

**Date:** 28 February 2024



## Project Purpose

Identify and make recommendations for the applicability of sustainable financing and risk management models and approaches for coral reef ecosystems in targeted, high-opportunity sites in four countries, namely Fiji, Indonesia, the Philippines and Solomon Islands, towards increasing the climate resilience of coastal businesses, communities and their livelihoods.



## Project Objectives

- **Building the case for effective coral reef protection, restoration and sustainable management** by defining the range of goods and services they provide and quantifying the environmental, social and economic risks associated with their damage;
- **Implementing strong policies and governance approaches** to underpin their protection, restoration and sustainable management; and
- **Assessing viable options for sustainable financing and risk management** models and approaches, to optimize and complement the limited public funds allocated for coral reef protection and restoration.



# Consulting team

**Lead consultant:** Landell Mills Limited in association with Swiss Re Group

**Local partner:** Konservasi Indonesia





## Candidate Sites in Indonesia

(based on ADB baseline studies)

# Timeline

7 sites

PAST

September to November 2023

Development of **prioritization methodology & Inception report**

PAST

November 2023

**Virtual kick-off meeting** with regional stakeholders

PAST

November to January 2023

**Prioritization assessment** for 7 candidate sites including **initial climate risk assessment**

2 sites

TODAY

**Agreement on 2 High Opportunity Sites in Indonesia**

NEXT

March to August 2024

**Further investigations** to assess suitability for coral reef finance and insurance for the agreed 2 High Opportunity Sites

NEXT

August 2024

**Proposed Risk Financing Solutions** for the agreed 2 High Opportunity Sites

1 site

NEXT

August 2024

**Agree on 1 site** for design of risk financing solutions and transfer mechanisms

NEXT

September/October 2024

Provide **recommendations on coral reef financing approaches**

NEXT

October to December 2024

**Design the risk financing solutions** and transfer mechanisms agreed

## Objectives of this workshop

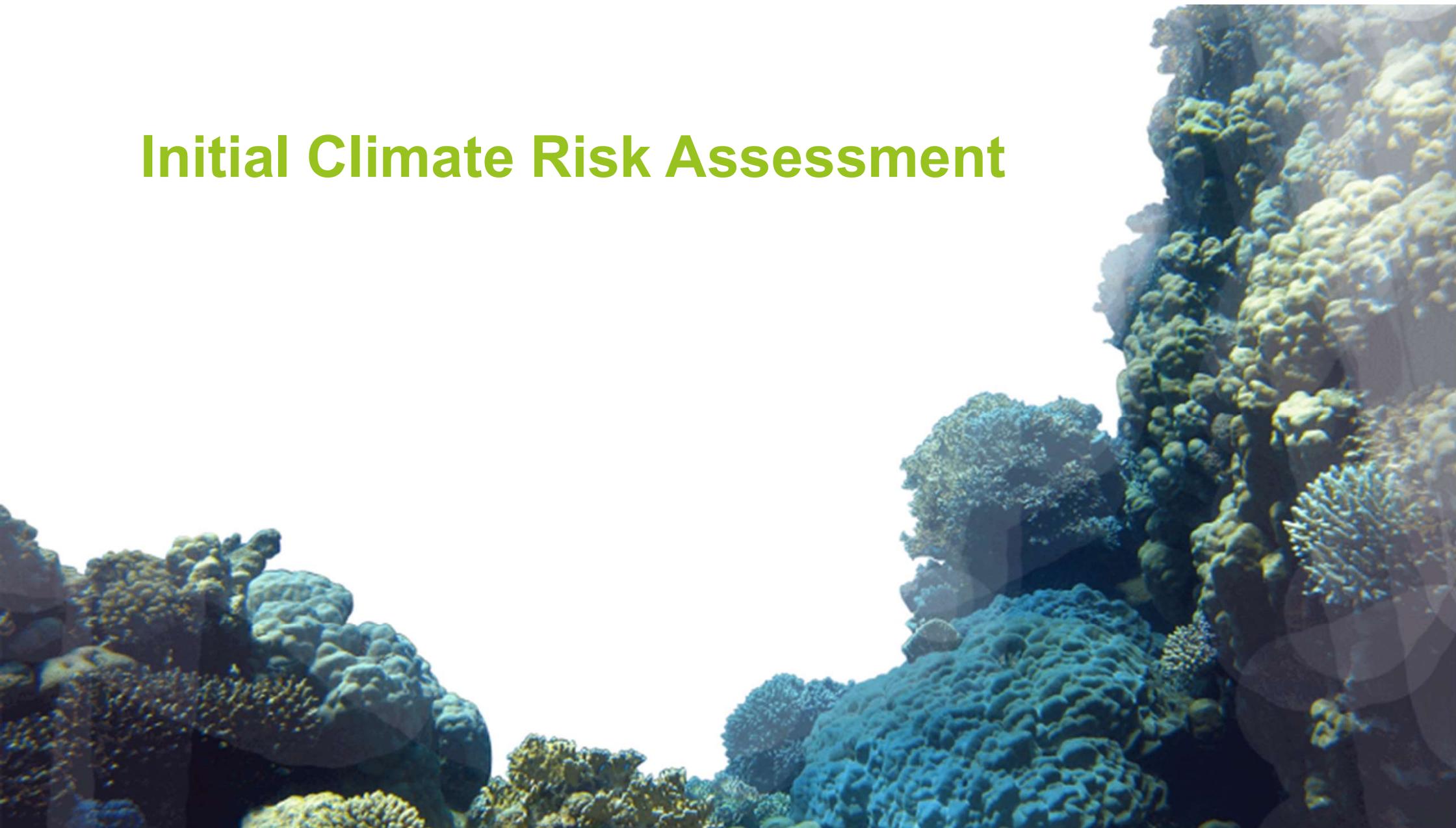


**Understand  
stakeholder priorities**



**Collaboratively agree  
2 High Opportunity  
Sites for further  
assessment**

# Initial Climate Risk Assessment



# Current flood related hazards

Flood related hazards that pose a risk to coral reefs include pluvial flooding, river flooding, and storm surges. Pluvial and river flooding can damage corals through surface-run off of pollutants and sediment. Storm surges lead to heavy waves, which can cause direct physical damage.

For flood related hazards, reefs which are closer to river bodies have higher relative flooding associated risk. However, overall this risk is very low for all sites.

Storm surge related risks are considered 'low' for two sites.

The assessment is based on data from CatNet.

| Hazard        | Raja Ampat Regency (West Papua Province) | Wakatobi Regency (South East Sulawesi) | Rote Ndao Regency (East Nusa Tenggara) | Berau Regency (East Kalimantan) | Klungkung Regency (Bali) | Makassar City (South Sulawesi) | Pandeglang Regency (Banten) |
|---------------|--|--|--|---------------------------------|--------------------------|--------------------------------|-----------------------------|
| Pluvial Flood | Very Low                                 | Very Low                               | Very Low                               | Very Low                        | Very Low                 | Very Low                       | Very Low                    |
| River Flood   | Very Low                                 | Very Low                               | Very Low                               | Very Low                        | Very Low                 | Very Low                       | Very Low                    |
| Storm Surge   | Low                                      | Very Low                               | Very Low                               | Very Low                        | Very Low                 | Very Low                       | Low                         |
| Score         | 2  | 1                                      | 1                                      | 1                               | 1                        | 1                              | 2                           |

## Scoring:

- Very low = 1
- Low = 2
- Medium = 3
- Medium to high = 4
- High = 5

# Current wind related hazards

## Current hazard overview

Indonesia is not exposed to cyclone activity due to its proximity to the equator.

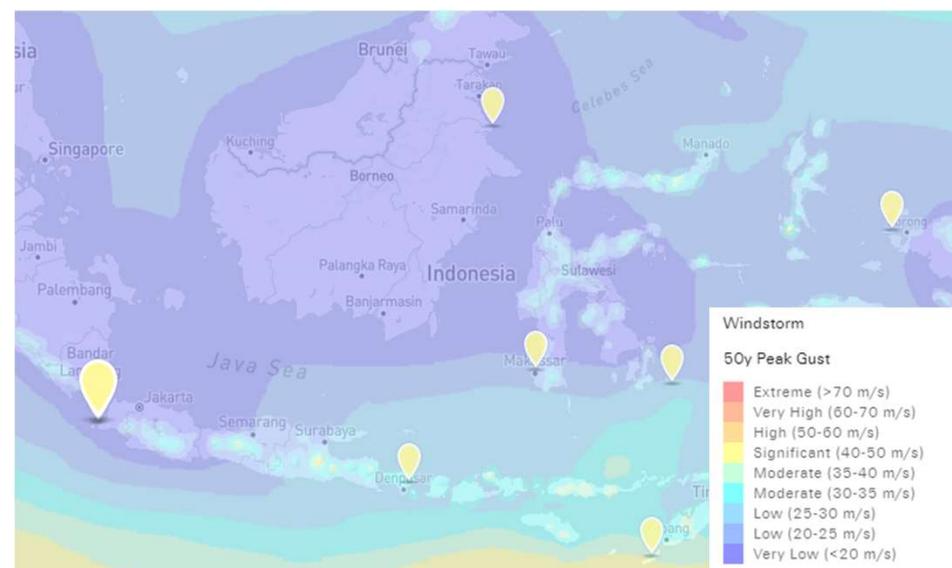
Across Indonesia, windstorm is therefore not a significant hazard. There is a slight risk around Rote Island, but this is not catastrophic

| Hazard     | Raja Ampat Regency (West Papua Province) | Wakatobi Regency (South East Sulawesi) | Rote Ndao Regency (East Nusa Tenggara) | Berau Regency (East Kalimantan) | Klungkung Regency (Bali) | Makassar City (South Sulawesi) | Pandeglang Regency (Banten) |
|------------|--|--|--|---------------------------------|--------------------------|--------------------------------|-----------------------------|
| Wind Storm | Very Low                                 | Very Low                               | Medium                                 | Very Low                        | Very Low                 | Very Low                       | Very Low                    |
| Score      | 1  | 1                                      | 3                                      | 1                               | 1                        | 1                              | 1                           |

### Scoring:

- Very low = 1
- Low = 2
- Medium = 3
- Medium to high = 4
- High = 5

## Windstorm details



# Future climate components

The table details components of future natural hazard risk (as well as current values for reference)

The projections are done under SSP5-8,5 scenario for the year 2040.

Makassar city site has most rainfall (and hence is vulnerable to run off risk), with the highest extreme precipitation as well.

Berau Regency site is expected to have largest change in extreme heat wave frequency.

| Section                            | Component                                     | Reja Ampat Regency (West Papua Province) | Wakatobi Regency (South East Sulawesi) | Rote Ndao Regency (East Nusa Tenggara) | Berau Regency (East Kalimantan) | Klungkung Regency (Bali) | Makassar City (South Sulawesi) | Pandeglang Regency (Banten) |
|------------------------------------|---|--|--|--|---------------------------------|--------------------------|--------------------------------|-----------------------------|
| Air Temperature (2m above surface) | Current mean daily temperature (°C)           | 26.63                                    | 26.84                                  | 27.64                                  | 26.89                           | 24.58                    | 27.21                          | 26.50                       |
|                                    | Current days above 30 degrees                 | 365                                      | 363                                    | 364                                    | 364                             | 141                      | 365                            | 356                         |
|                                    | Current days above 35 degrees                 | -  | -                                      | 9                                      | -                               | -                        | -                              | -                           |
|                                    | Change in mean temperature (°C)               | 1.15                                     | 1.14                                   | 1.21                                   | 1.21                            | 1.25                     | 1.18                           | 1.23                        |
|                                    | 95th percentile temperature change (°C)       | 1.40                                     | 0.81                                   | 1.25                                   | 2.12                            | 1.64                     | 0.97                           | 1.50                        |
|                                    | 99th percentile temperature change (°C)       | 2.17                                     | 1.53                                   | 1.98                                   | 3.33                            | 2.21                     | 1.80                           | 1.87                        |
| Heat wave                          | Current heatwave duration                     | 11.84                                    | 71.16                                  | 51.82                                  | 61.78                           | -                        | 48.67                          | 59.06                       |
|                                    | Current Heatwave frequency                    | 1.81                                     | 2.70                                   | 0.77                                   | 3.94                            | -                        | 3.22                           | 3.63                        |
|                                    | 95th percentile change in heat wave frequency | 1.70                                     | 0.98                                   | 1.51                                   | 2.57                            | 2.00                     | 1.18                           | 1.81                        |
|                                    | 99th percentile change in heat wave frequency | 2.63                                     | 1.86                                   | 2.41                                   | 4.03                            | 2.70                     | 2.18                           | 2.27                        |
| Rainfall                           | Max monthly precipitation (mm)                | 198.33                                   | 244.88                                 | 245.94                                 | 290.89                          | 418.67                   | 935.30                         | 462.45                      |
|                                    | Extreme precipitation (mm)                    | 11.35                                    | 13.12                                  | 8.76                                   | 14.36                           | 17.69                    | 33.82                          | 20.96                       |
|                                    | Change in extreme precipitation frequency (%) | 4.02                                     | 1.82                                   | 4.60                                   | 0.24                            | 2.28                     | 0.10                           | 1.51                        |
|                                    | Mean extreme windspeed today (m/s)            | 4.53                                     | 6.95                                   | 7.23                                   | 3.08                            | 3.48                     | 4.92                           | 8.17                        |
| Windspeed                          | Change in extreme wind (m/s)                  | 0.02                                     | 0.03                                   | 0.10                                   | 0.00                            | 0.06                     | 0.05                           | 0.05                        |
|                                    | <b>Score</b>                                  |  |  |  |                                 |                          |                                |                             |

"Extreme" defined as 90<sup>th</sup> percentile  
Temperature values are of air at 2m above the surface

# Prioritization assessment



# Prioritization approach

- Aim to select 2 'High Opportunity' sites from 7 'Candidate' sites
- Transparent and scientific evidence-based approach to help inform decision making
- Four categories evaluated: Risks, Corals, Socio-economic values and Governance

## 14 criteria scored

Each scored out of 5 (1 = worst, 5 = best)

Evidence/data from: Swiss Re, databases, ADB baseline report and national consultants

## Each criteria also weighted

Weightings vary between 5 and 10 per criteria

Based on consulting team judgement  
Total weighting 100

TODAY

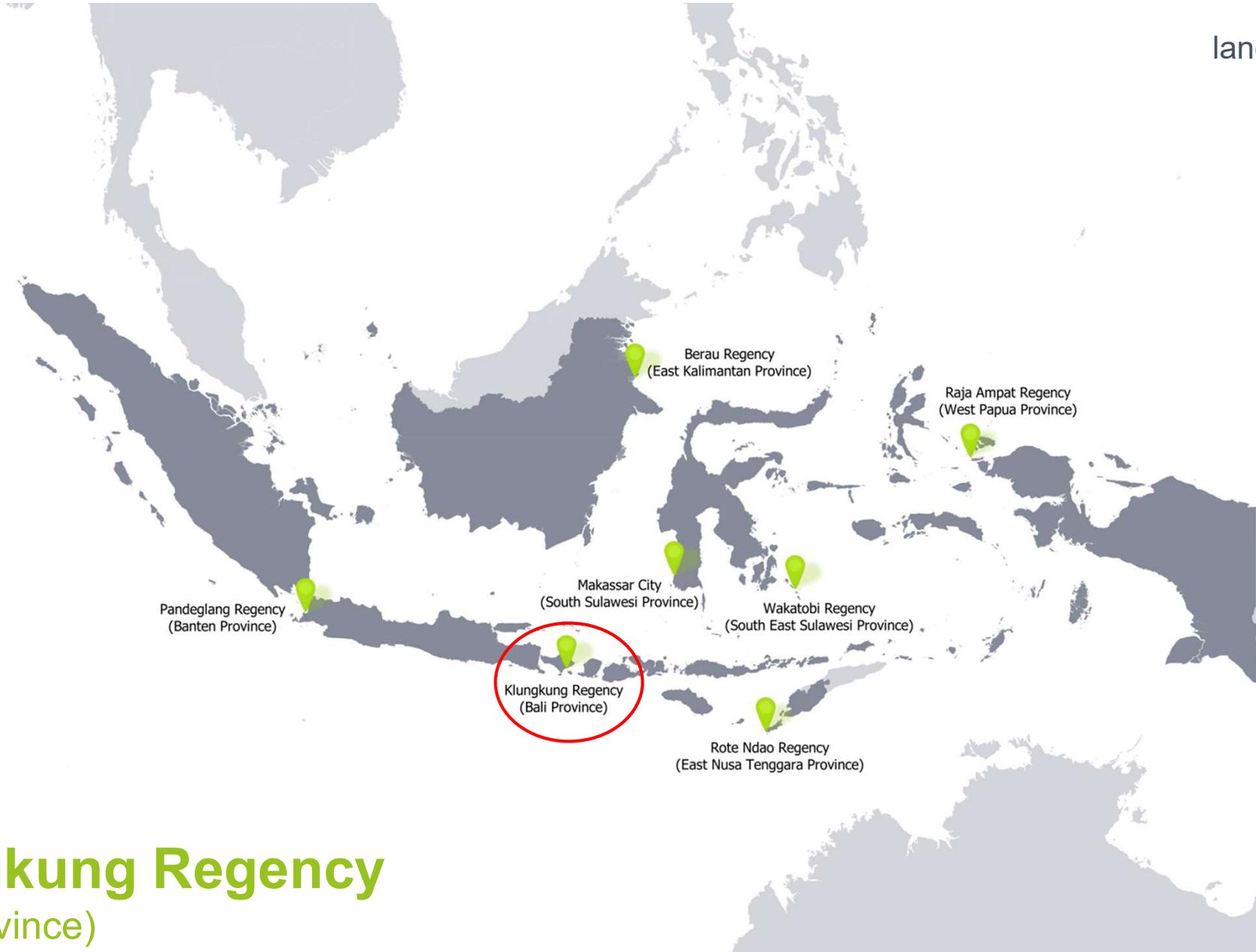
**Stakeholders to provide feedback  
on the ranking – to select 2 sites**

# Prioritization criteria

| Risks  |                               |  | Corals                           |  |  | Socio-economics   |  |   |   |  | Governance   |  |   |
|--|-------------------------------|--|----------------------------------|--|--|---|--|---|---|--|--|--|---|
| Current flooding                                       | Current wind                  | Human disturbances   | Extent of corals                 | Bio-diversity value  | Condition of coral   | Coastal protection value                                  | Local population in area   | General tourism value   | Diving/snorkelling value                                      | Fisheries value  | Stakeholder/Gov support for a scheme                                       | Organisations set up to implement it   | Protected area/coastal management status                          |
| Hazard from flooding (storm surges, fluvial & pluvial) | Hazard from wind and cyclones | Threats from: fishing, coastal development, on-shore & marine pollution - Plus maritime traffic. | Size of coral area               | Diversity, abundance, iconic species & rarity of organisms | Degree that corals are in good condition (e.g. live coral cover %) | Relative value of shoreline protection provided by corals | Number of people living in the area - cities and coastal communities | Extent of hotels & restaurants - and overall value of tourism | Importance (extent) of diving and snorkelling in the vicinity | Importance of commercial and subsistence fisheries in the vicinity | Degree of stakeholder & government support for coral insurance at the site | Extent to which organisations at the site may be interested in supporting its implementation | Extent to which protected areas or coastal management is in place |
| Swiss Re   |                               | Databases  | Databases + national consultants |  |  |   |  |   |   |  | Your feedback today  | National consultants   | Database + national consultants                                   |

## Weightings:

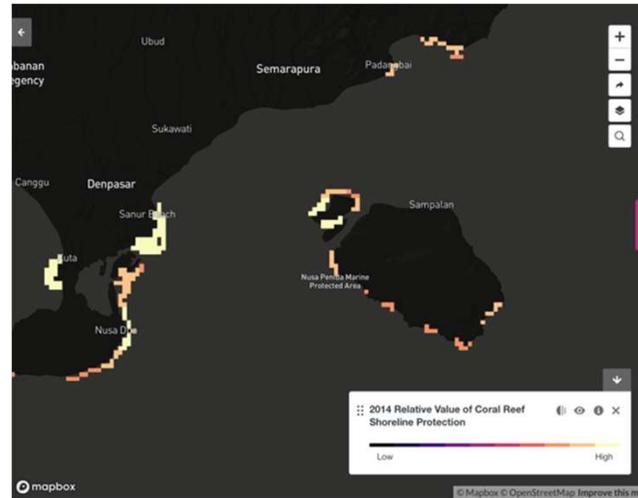
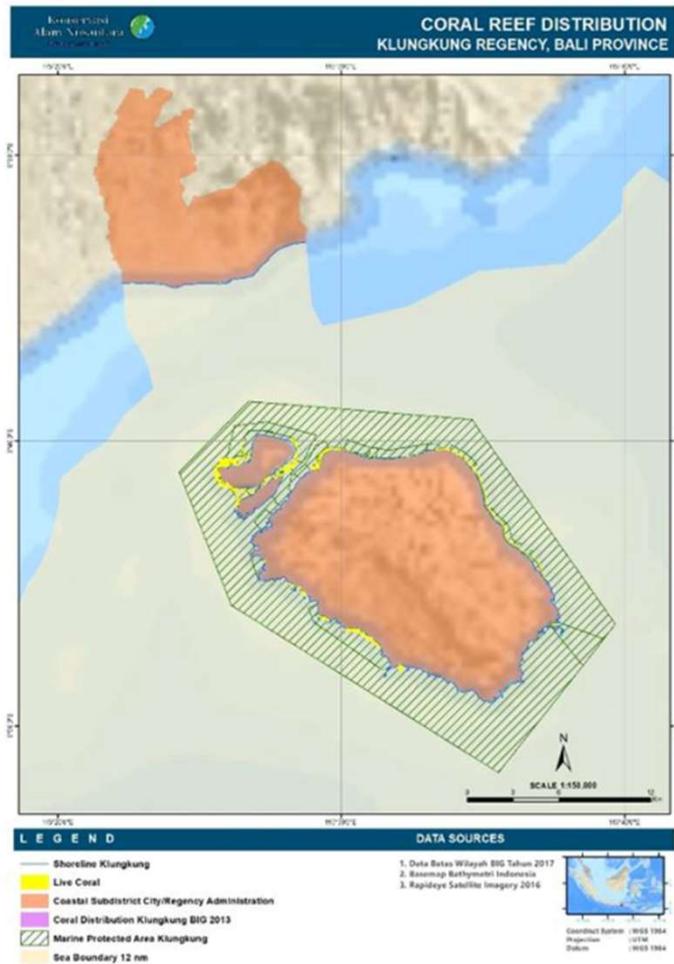
|   |   |    |   |   |   |    |   |    |    |    |   |    |    |
|---|---|----|---|---|---|----|---|----|----|----|---|----|----|
| 5 | 5 | 10 | 5 | 5 | 5 | 10 | 5 | 10 | 10 | 10 | ? | 10 | 10 |
|---|---|----|---|---|---|----|---|----|----|----|---|----|----|



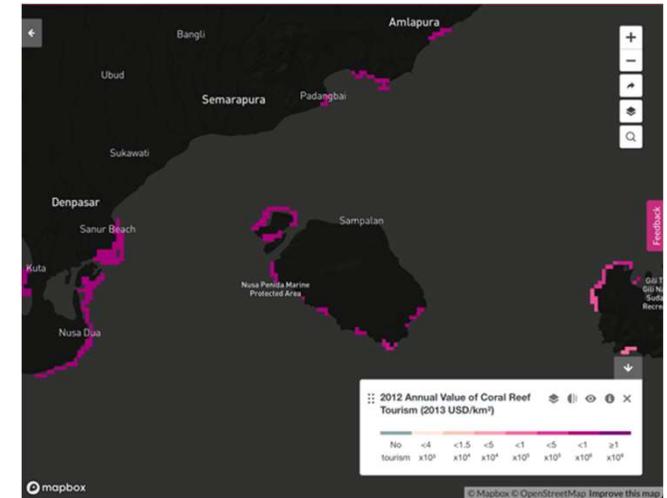
# Klungkung Regency

(Bali Province)

# Klungkung



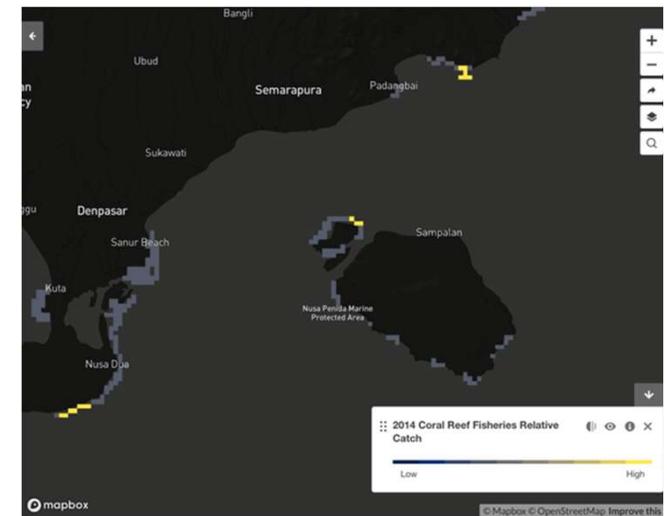
Coast protection value



Tourism value



Diving value



Fisheries value

# Klungkung Regency

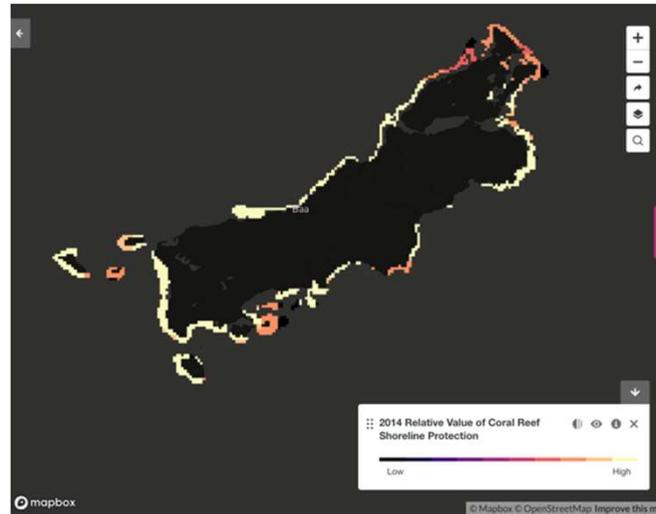
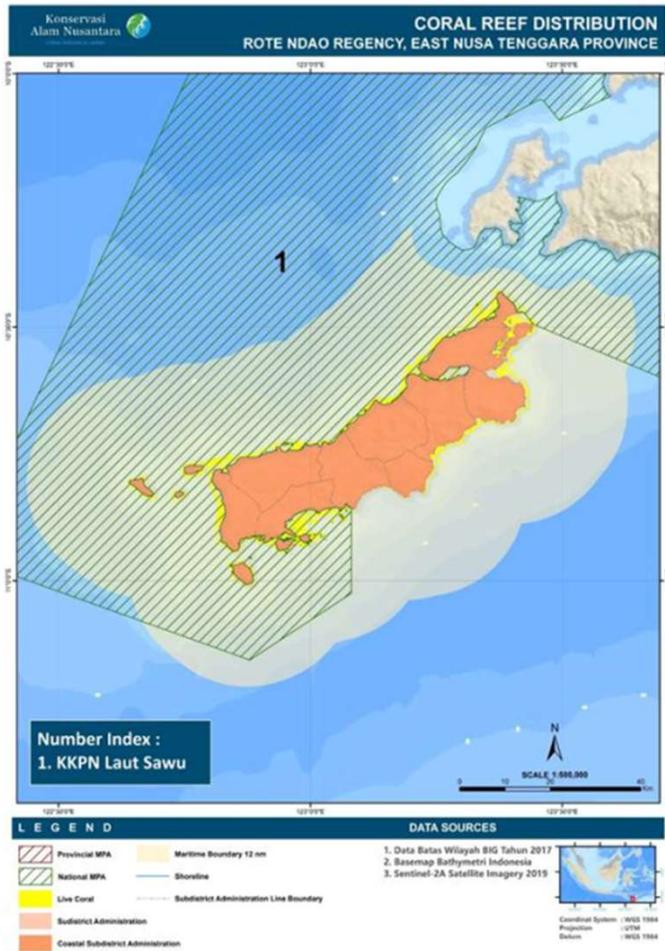
|                           | Total      | Risks            |              |                    | Corals           |                     |                    | Socio-economics          |                          |                       |                          |                 | Governance                           |                                      |  |
|---------------------------|------------|------------------|--------------|--------------------|------------------|---------------------|--------------------|--------------------------|--------------------------|-----------------------|--------------------------|-----------------|--------------------------------------|--------------------------------------|--|
|                           |            | Current flooding | Current wind | Human disturbances | Extent of corals | Bio-diversity value | Condition of coral | Coastal protection value | Local population in area | General tourism value | Diving/snorkelling value | Fisheries value | Stakeholder/Gov support for a scheme | Organisations set up to implement it | Protected area/coastal management status |
| Unweighted score          | <b>47</b>  | 1.0              | 1.0          | 5.0                | 1.0              | 4.0                 | 3.0                | 4.0                      | 1.0                      | 5.0                   | 5.0                      | 2.5             |                                      | 5.0                                  | 5.0                                      |
| Consultant team weighting | 100        | 5                | 5            | 10                 | 5                | 5                   | 5                  | 10                       | 5                        | 10                    | 10                       | 10              |                                      | 10                                   | 10                                       |
| Weighted score            | <b>370</b> | 5                | 5            | 50                 | 5                | 20                  | 15                 | 40                       | 5                        | 50                    | 50                       | 25              |                                      | 50                                   | 50                                       |



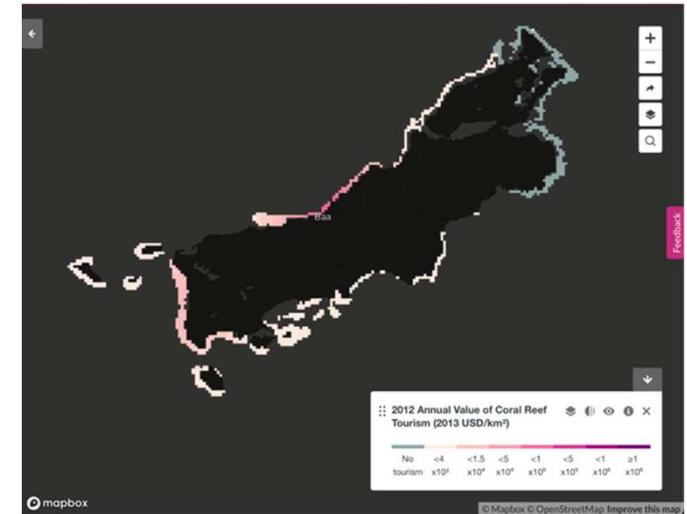
# Rote Ndao Regency

(East Nusa Tenggara Province)

# Rote Ndao



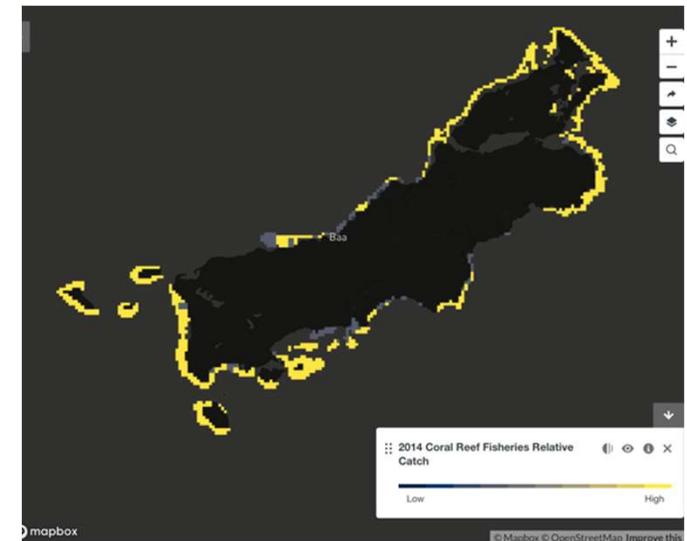
Coast protection value



Tourism value



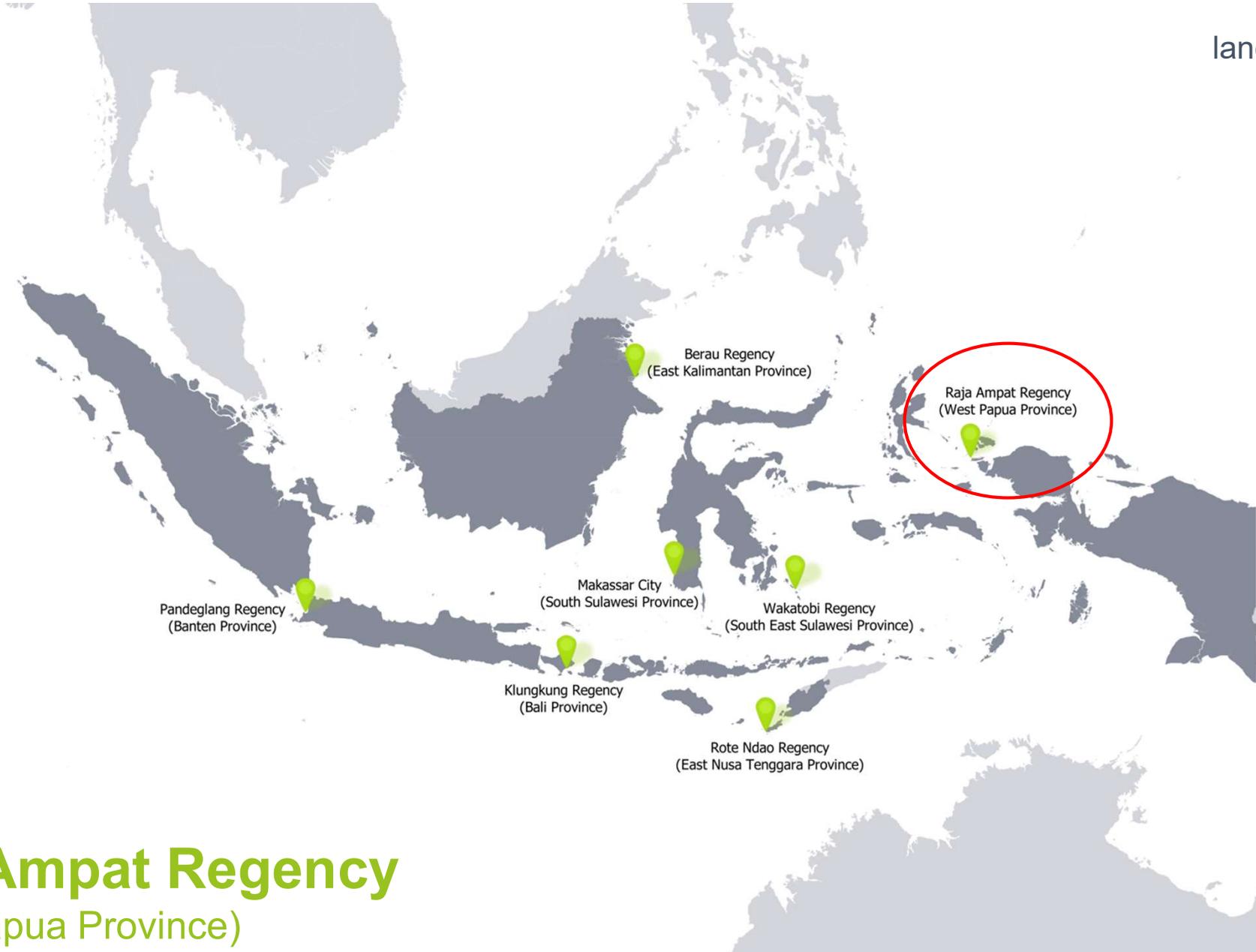
Diving value



Fisheries value

# Rote Ndao Rengency

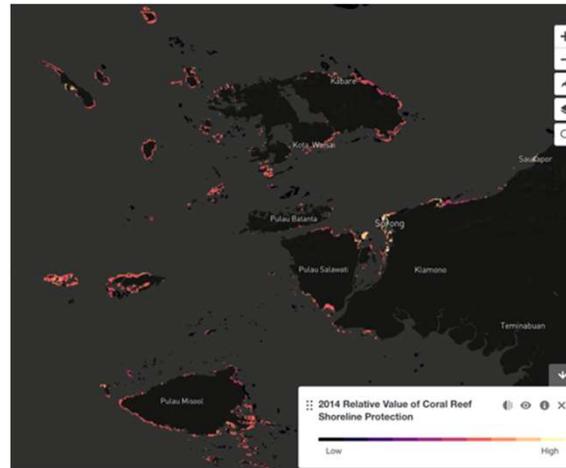
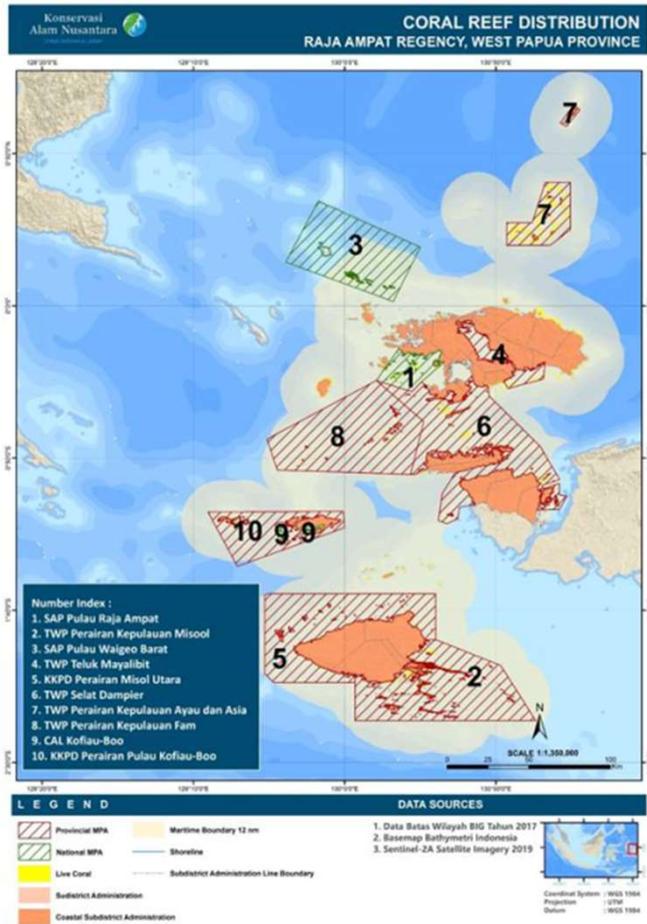
|                           | Total | Risks            |              |                    | Corals           |                     |                    | Socio-economics          |                          |                       |                          |                 | Governance                           |                                      |  |
|---------------------------|-------|------------------|--------------|--------------------|------------------|---------------------|--------------------|--------------------------|--------------------------|-----------------------|--------------------------|-----------------|--------------------------------------|--------------------------------------|--|
|                           |       | Current flooding | Current wind | Human disturbances | Extent of corals | Bio-diversity value | Condition of coral | Coastal protection value | Local population in area | General tourism value | Diving/snorkelling value | Fisheries value | Stakeholder/Gov support for a scheme | Organisations set up to implement it | Protected area/coastal management status |
| Unweighted score          | 47    | 1.0              | 3.0          | 3.5                | 2.0              | 5.0                 | 2.0                | 5.0                      | 1.5                      | 3.0                   | 3.0                      | 5.0             |                                      | 5.0                                  | 4.5                                      |
| Consultant team weighting | 100   | 5                | 5            | 10                 | 5                | 5                   | 5                  | 10                       | 5                        | 10                    | 10                       | 10              |                                      | 10                                   | 10                                       |
| Weighted score            | 363   | 5                | 15           | 35                 | 10               | 25                  | 10                 | 50                       | 8                        | 30                    | 30                       | 50              |                                      | 50                                   | 45                                       |



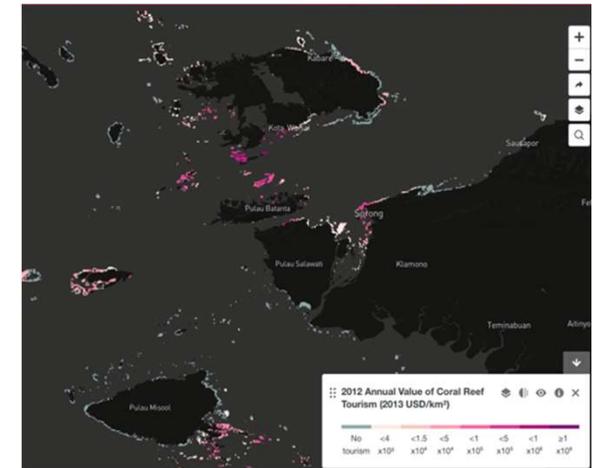
# Raja Ampat Regency

(West Papua Province)

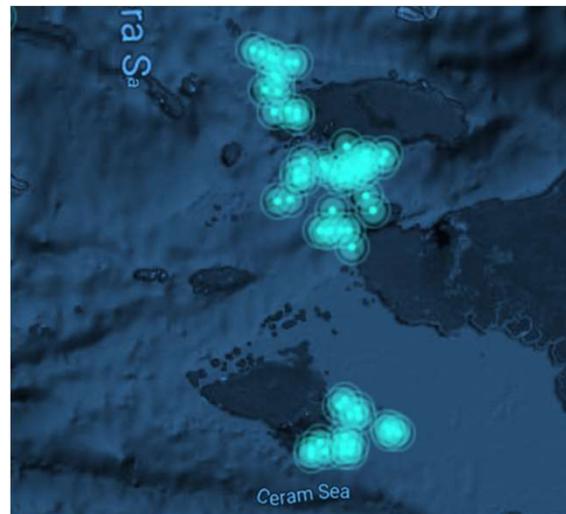
# Raja Ampat



Coast protection value



Tourism value



Diving value



Fisheries value

# Raja Ampat Regency

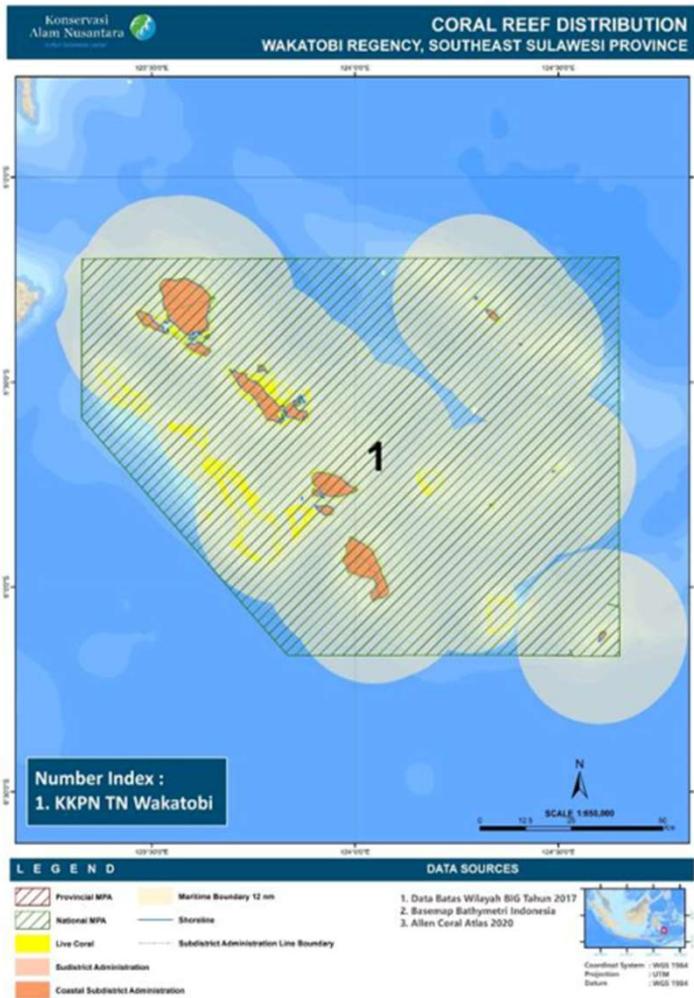
|                           | Total | Risks            |              |                    | Corals           |                     |                    | Socio-economics          |                          |                       |                          |                 | Governance                           |                                      |  |
|---------------------------|-------|------------------|--------------|--------------------|------------------|---------------------|--------------------|--------------------------|--------------------------|-----------------------|--------------------------|-----------------|--------------------------------------|--------------------------------------|--|
|                           |       | Current flooding | Current wind | Human disturbances | Extent of corals | Bio-diversity value | Condition of coral | Coastal protection value | Local population in area | General tourism value | Diving/snorkelling value | Fisheries value | Stakeholder/Gov support for a scheme | Organisations set up to implement it | Protected area/coastal management status |
| Unweighted score          | 46    | 2.0              | 1.0          | 1.5                | 3.0              | 5.0                 | 3.0                | 3.0                      | 1.0                      | 4.0                   | 5.0                      | 3.5             |                                      | 5.0                                  | 5.0                                      |
| Consultant team weighting | 100   | 5                | 5            | 10                 | 5                | 5                   | 5                  | 10                       | 5                        | 10                    | 10                       | 10              |                                      | 10                                   | 10                                       |
| Weighted score            | 345   | 10               | 5            | 15                 | 15               | 25                  | 15                 | 30                       | 5                        | 40                    | 50                       | 35              |                                      | 50                                   | 50                                       |



# Wakatobi Regency

(South East Sulawesi Province)

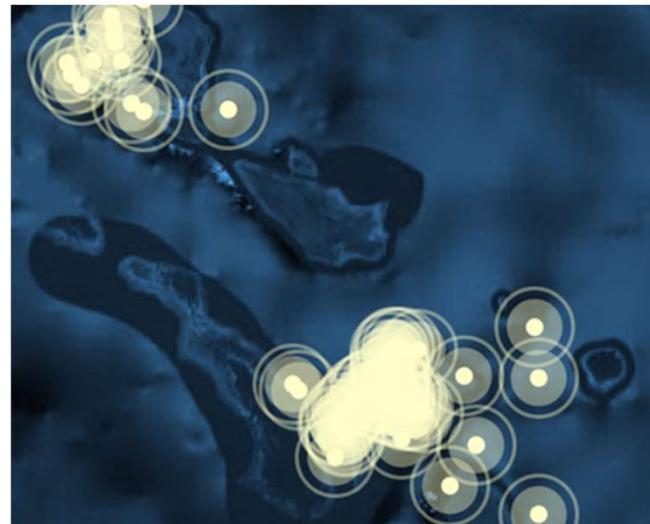
# Wakatobi



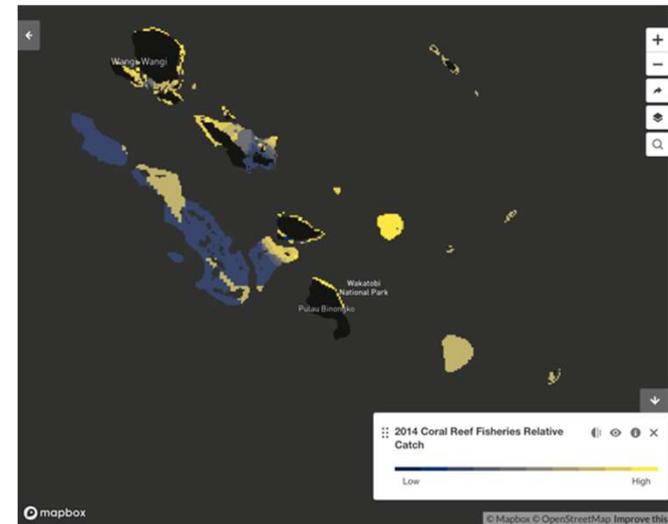
Coast protection value



Tourism value



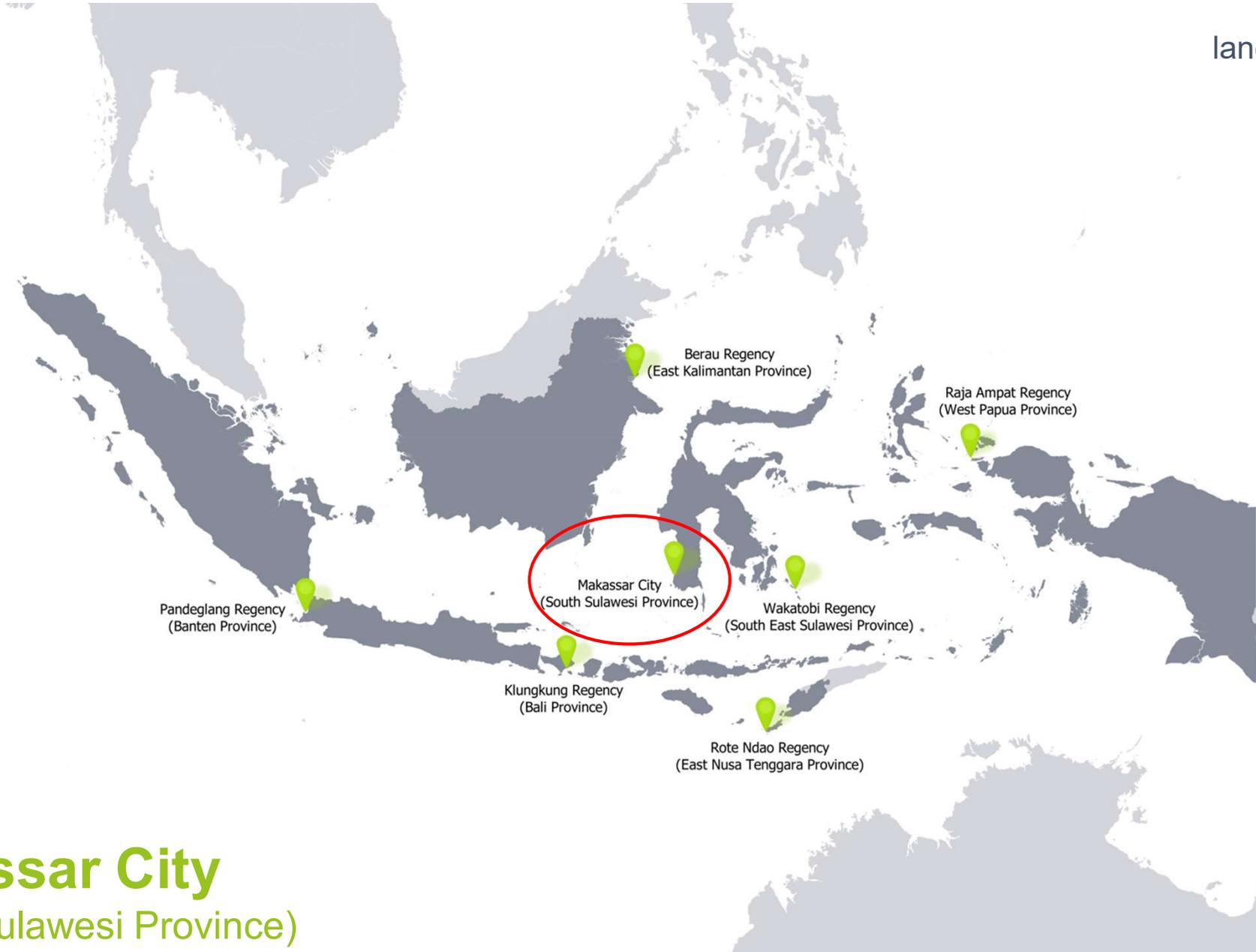
Diving value



Fisheries value

# Wakatobi Regency

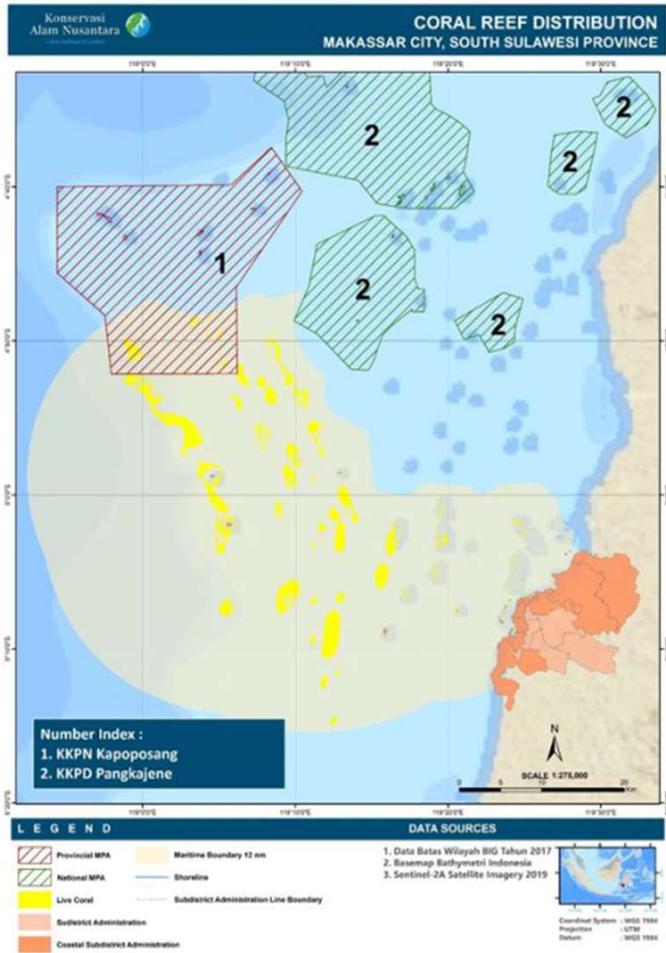
|                           | Total | Risks            |              |                    | Corals           |                     |                    | Socio-economics          |                          |                       |                          |                 | Governance                           |                                      |  |
|---------------------------|-------|------------------|--------------|--------------------|------------------|---------------------|--------------------|--------------------------|--------------------------|-----------------------|--------------------------|-----------------|--------------------------------------|--------------------------------------|--|
|                           |       | Current flooding | Current wind | Human disturbances | Extent of corals | Bio-diversity value | Condition of coral | Coastal protection value | Local population in area | General tourism value | Diving/snorkelling value | Fisheries value | Stakeholder/Gov support for a scheme | Organisations set up to implement it | Protected area/coastal management status |
| Unweighted score          | 43    | 1.0              | 1.0          | 2.0                | 2.0              | 4.0                 | 2.0                | 4.0                      | 1.5                      | 3.5                   | 5.0                      | 4.0             |                                      | 5.0                                  | 5.0                                      |
| Consultant team weighting | 100   | 5                | 5            | 10                 | 5                | 5                   | 5                  | 10                       | 5                        | 10                    | 10                       | 10              |                                      | 10                                   | 10                                       |
| Weighted score            | 343   | 5                | 5            | 20                 | 10               | 20                  | 10                 | 40                       | 8                        | 35                    | 50                       | 40              |                                      | 50                                   | 50                                       |



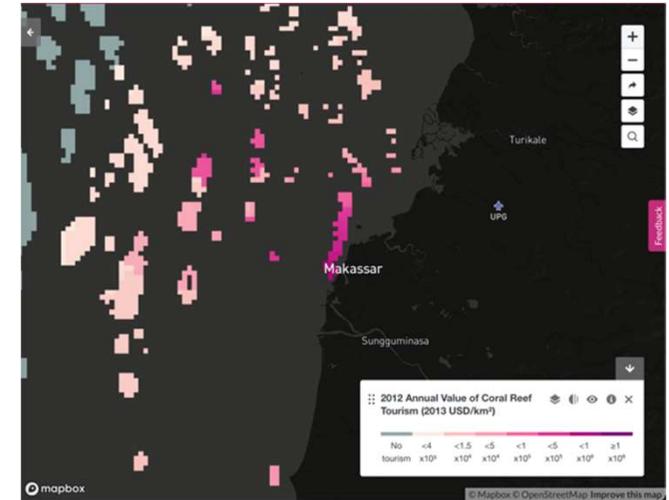
# Makassar City

(South Sulawesi Province)

# Makassar



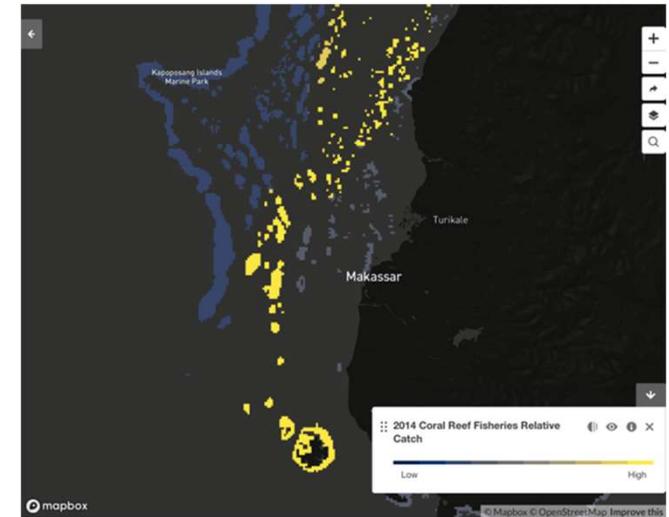
Coast protection value



Tourism value



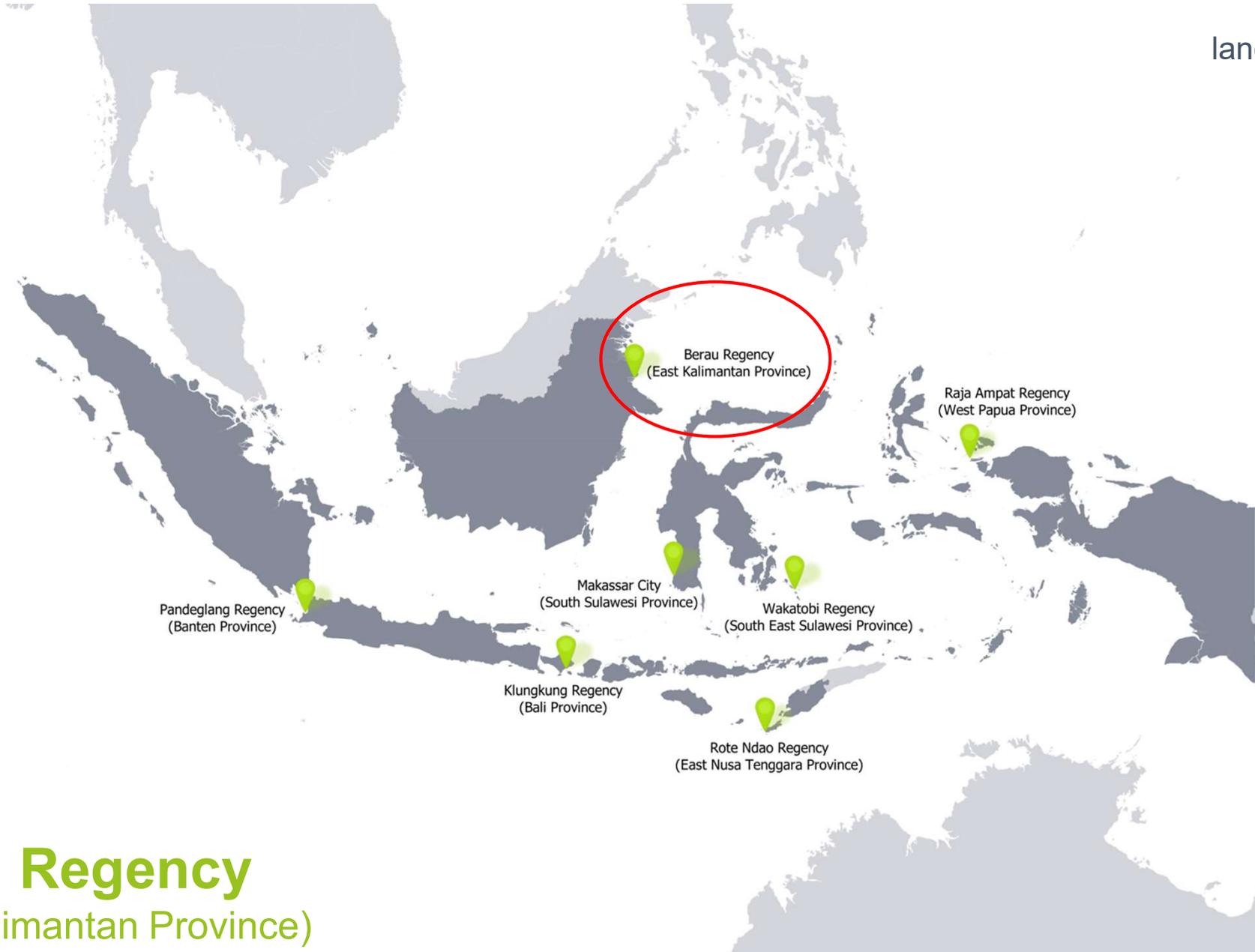
Diving value



Fisheries value

# Makassar City

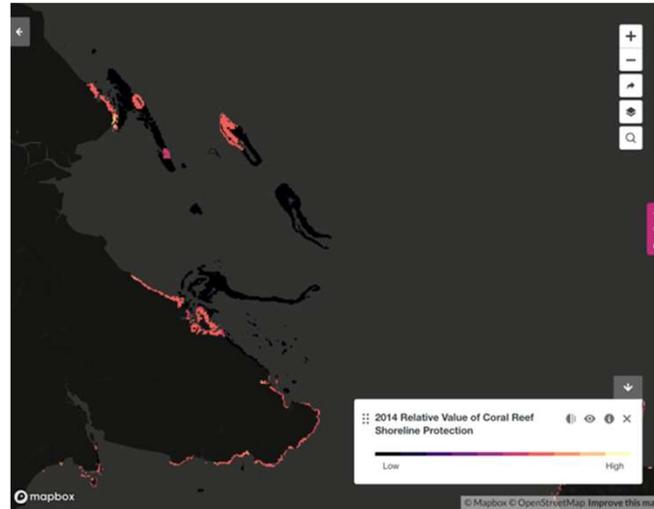
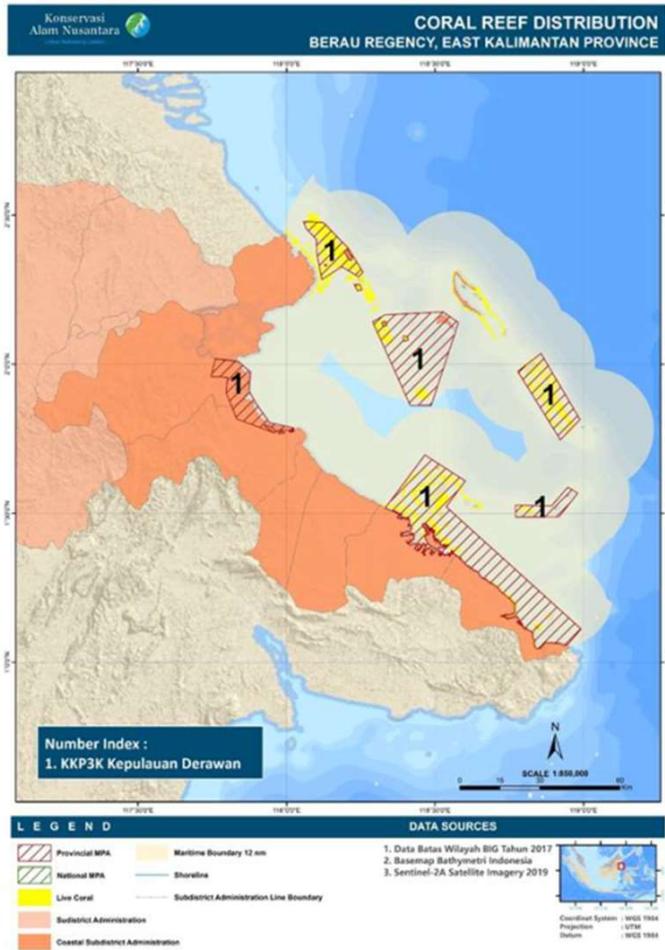
|                           | Total | Risks            |              |                    | Corals           |                     |                    | Socio-economics          |                          |                       |                          |                 | Governance                           |                                      |  |
|---------------------------|-------|------------------|--------------|--------------------|------------------|---------------------|--------------------|--------------------------|--------------------------|-----------------------|--------------------------|-----------------|--------------------------------------|--------------------------------------|--|
|                           |       | Current flooding | Current wind | Human disturbances | Extent of corals | Bio-diversity value | Condition of coral | Coastal protection value | Local population in area | General tourism value | Diving/snorkelling value | Fisheries value | Stakeholder/Gov support for a scheme | Organisations set up to implement it | Protected area/coastal management status |
| Unweighted score          | 46    | 1.0              | 1.0          | 4.5                | 2.0              | 3.0                 | 3.5                | 5.0                      | 5.0                      | 3.5                   | 1.0                      | 4.0             |                                      | 5.0                                  | 3.0                                      |
| Consultant team weighting | 100   | 5                | 5            | 10                 | 5                | 5                   | 5                  | 10                       | 5                        | 10                    | 10                       | 10              |                                      | 10                                   | 10                                       |
| Weighted score            | 338   | 5                | 5            | 45                 | 10               | 15                  | 18                 | 50                       | 25                       | 35                    | 10                       | 40              |                                      | 50                                   | 30                                       |



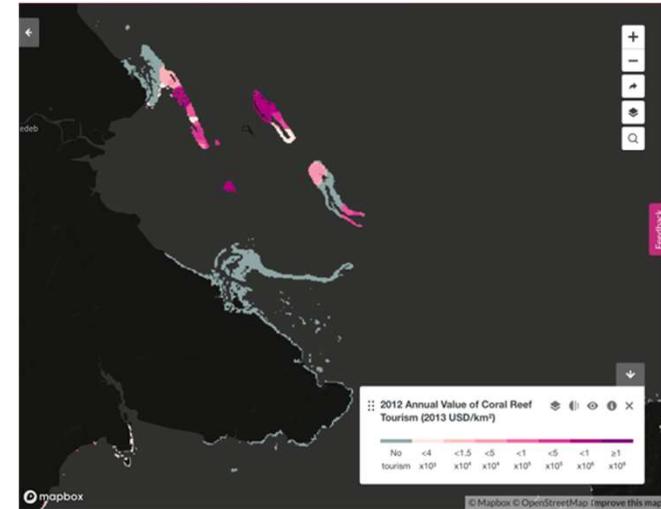
# Berau Regency

(East Kalimantan Province)

# Berau



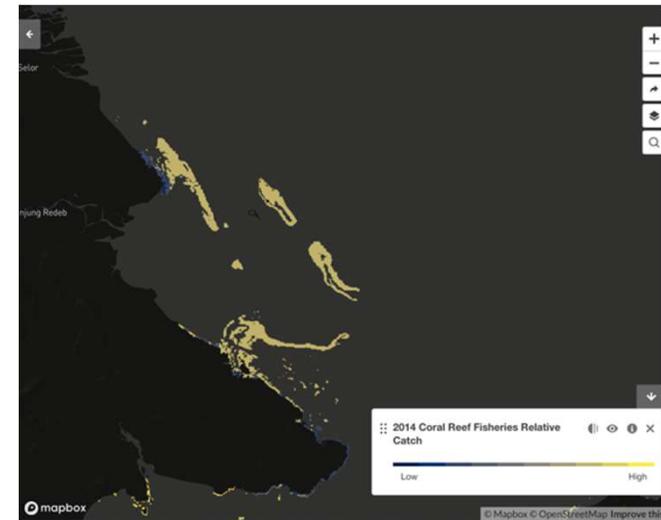
Coast protection value



Tourism value



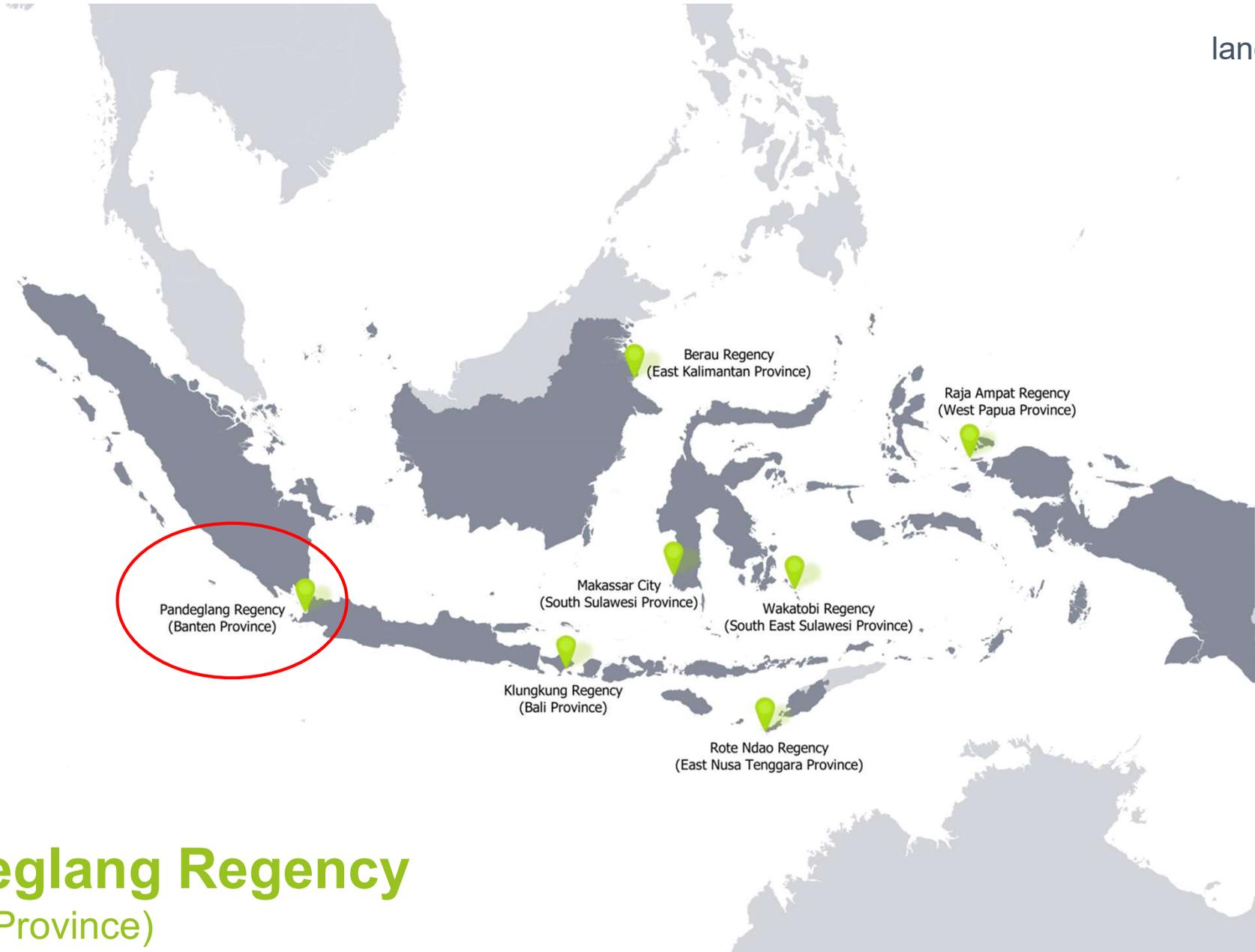
Diving value



Fisheries value

# Berau Regency

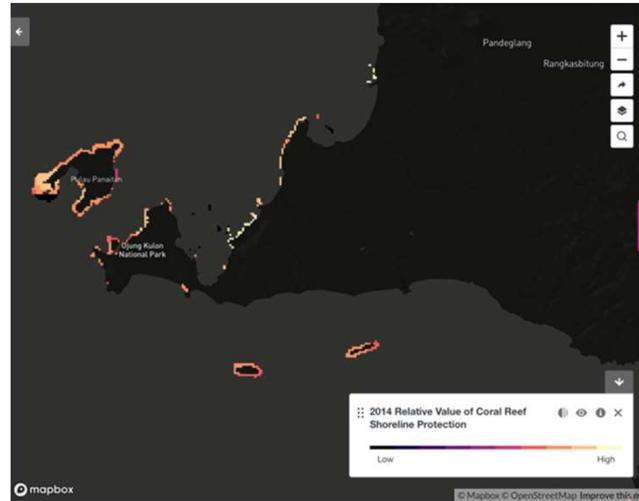
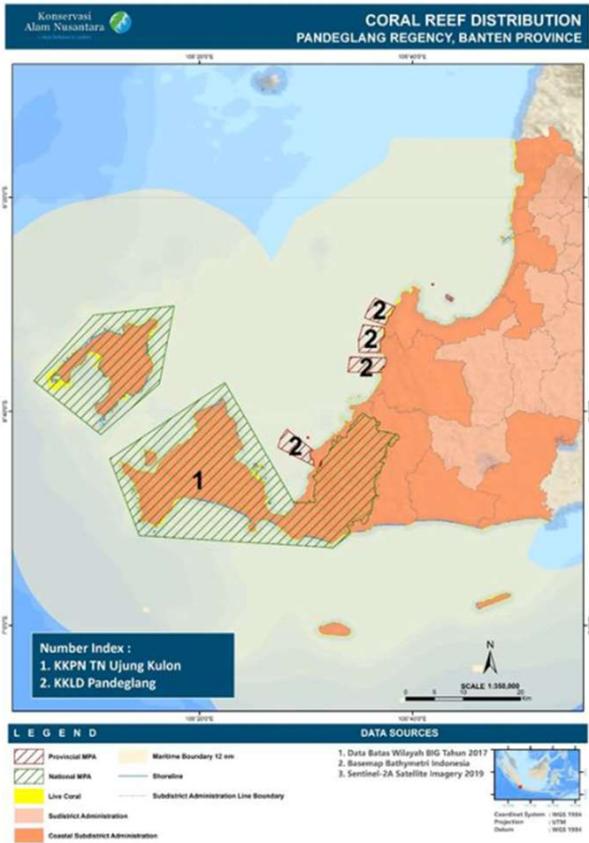
|                           | Total | Risks            |              |                    | Corals           |                     |                    | Socio-economics          |                          |                       |                          |                 | Governance                           |                                      |  |
|---------------------------|-------|------------------|--------------|--------------------|------------------|---------------------|--------------------|--------------------------|--------------------------|-----------------------|--------------------------|-----------------|--------------------------------------|--------------------------------------|--|
|                           |       | Current flooding | Current wind | Human disturbances | Extent of corals | Bio-diversity value | Condition of coral | Coastal protection value | Local population in area | General tourism value | Diving/snorkelling value | Fisheries value | Stakeholder/Gov support for a scheme | Organisations set up to implement it | Protected area/coastal management status |
| Unweighted score          | 45    | 1.0              | 1.0          | 1.5                | 5.0              | 5.0                 | 3.5                | 3.0                      | 1.0                      | 4.0                   | 3.0                      | 3.5             |                                      | 5.0                                  | 4.5                                      |
| Consultant team weighting | 100   | 5                | 5            | 10                 | 5                | 5                   | 5                  | 10                       | 5                        | 10                    | 10                       | 10              |                                      | 10                                   | 10                                       |
| Weighted score            | 328   | 5                | 5            | 15                 | 25               | 25                  | 18                 | 30                       | 5                        | 40                    | 30                       | 35              |                                      | 50                                   | 45                                       |



# Pandeglang Regency

(Banten Province)

# Pandeglang



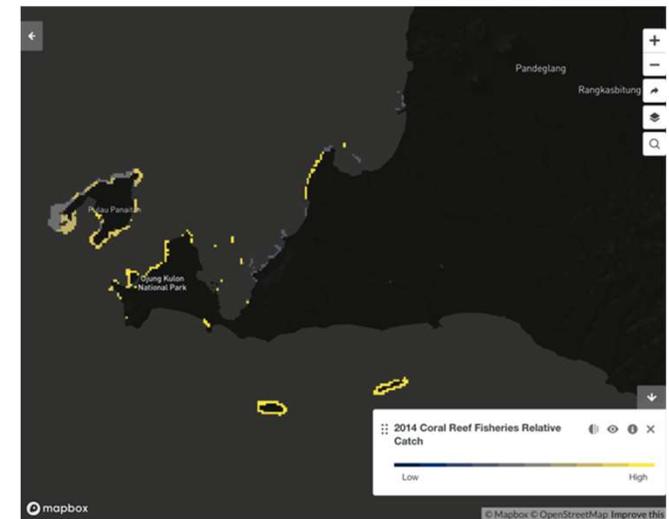
Coast protection value



Tourism value



Diving value



Fisheries value

# Pandeglang Regency

|                           | Total | Risks            |              |                    | Corals           |                     |                    | Socio-economics          |                          |                       |                          |                 | Governance                           |                                      |  |
|---------------------------|-------|------------------|--------------|--------------------|------------------|---------------------|--------------------|--------------------------|--------------------------|-----------------------|--------------------------|-----------------|--------------------------------------|--------------------------------------|--|
|                           |       | Current flooding | Current wind | Human disturbances | Extent of corals | Bio-diversity value | Condition of coral | Coastal protection value | Local population in area | General tourism value | Diving/snorkelling value | Fisheries value | Stakeholder/Gov support for a scheme | Organisations set up to implement it | Protected area/coastal management status |
| Unweighted score          | 38    | 2.0              | 1.0          | 3.0                | 1.0              | 3.0                 | 3.0                | 4.0                      | 1.5                      | 3.5                   | 1.0                      | 4.0             |                                      | 3.0                                  | 4.5                                      |
| Consultant team weighting | 100   | 5                | 5            | 10                 | 5                | 5                   | 5                  | 10                       | 5                        | 10                    | 10                       | 10              |                                      | 10                                   | 10                                       |
| Weighted score            | 288   | 10               | 5            | 30                 | 5                | 15                  | 15                 | 40                       | 8                        | 35                    | 10                       | 40              |                                      | 30                                   | 45                                       |

## Weighted scores

| Site                                     | Ranking | Weighted total score | Risks            |              |                    | Corals           |                     |                    | Socio-economics          |                          |               |                          |                 | Governance               |                                    |  |
|--|---------|----------------------|------------------|--------------|--------------------|------------------|---------------------|--------------------|--------------------------|--------------------------|---------------|--------------------------|-----------------|--------------------------|------------------------------------|--|
|  |         |                      | Current flooding | Current wind | Human disturbances | Extent of corals | Bio-diversity value | Condition of coral | Coastal protection value | Local population in area | Tourism value | Diving/snorkelling value | Fisheries value | Stakeholder/ Gov support | Organ-isations set up to implement | Protected area/coastal management status |
| Raja Ampat Regency (West Papua Province) | 3       | 345                  | 10               | 5            | 15                 | 15               | 25                  | 15                 | 30                       | 5                        | 40            | 50                       | 35              |                          | 50                                 | 50                                       |
| Wakatobi Regency (South East Sulawesi)   | 4       | 343                  | 5                | 5            | 20                 | 10               | 20                  | 10                 | 40                       | 8                        | 35            | 50                       | 40              |                          | 50                                 | 50                                       |
| Rote Ndao Regency (East Nusa Tenggara)   | 2       | 363                  | 5                | 15           | 35                 | 10               | 25                  | 10                 | 50                       | 8                        | 30            | 30                       | 50              |                          | 50                                 | 45                                       |
| Berau Regency (East Kalimantan)          | 6       | 328                  | 5                | 5            | 15                 | 25               | 25                  | 18                 | 30                       | 5                        | 40            | 30                       | 35              |                          | 50                                 | 45                                       |
| Klungkung Regency (Bali)                 | 1       | 370                  | 5                | 5            | 50                 | 5                | 20                  | 15                 | 40                       | 5                        | 50            | 50                       | 25              |                          | 50                                 | 50                                       |
| Makassar City (South Sulawesi)           | 5       | 338                  | 5                | 5            | 45                 | 10               | 15                  | 18                 | 50                       | 25                       | 35            | 10                       | 40              |                          | 50                                 | 30                                       |
| Pandeglang Regency (Banten)              | 7       | 288                  | 10               | 5            | 30                 | 5                | 15                  | 15                 | 40                       | 8                        | 35            | 10                       | 40              |                          | 30                                 | 45                                       |

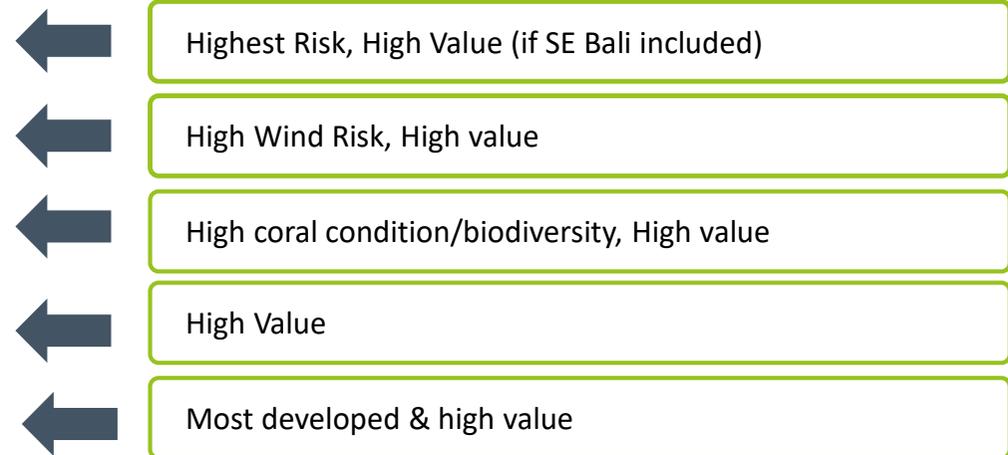
Weighting:

|   |   |    |   |   |   |    |   |    |    |    |   |    |    |
|---|---|----|---|---|---|----|---|----|----|----|---|----|----|
| 5 | 5 | 10 | 5 | 5 | 5 | 10 | 5 | 10 | 10 | 10 | ? | 10 | 10 |
|---|---|----|---|---|---|----|---|----|----|----|---|----|----|

= high criteria scores

# Prioritization results

| Candidate site                                  | Ranking  | Weighted total score |
|---|----------|----------------------|
| <b>Klungkung Regency (Bali)</b>                 | <b>1</b> | <b>370</b>           |
| <b>Rote Ndao Regency (East Nusa Tenggara)</b>   | <b>2</b> | <b>363</b>           |
| <b>Raja Ampat Regency (West Papua Province)</b> | <b>3</b> | <b>345</b>           |
| <b>Wakatobi Regency* (South East Sulawesi)</b>  | <b>4</b> | <b>343</b>           |
| <b>Makassar City (South Sulawesi)</b>           | <b>5</b> | <b>338</b>           |
| Berau Regency (East Kalimantan)                 | 6        | 328                  |
| Pandeglang Regency* (Banten)                    | 7        | 288                  |



\*MOEF national parks

# Questions



# Discussion on site selection



**Thank you**

