

SUPPORTING THE DEVELOPMENT OF, AND REPORTING AGAINST, MARINE RELATED INDICATORS IN THE POST-2020 GLOBAL BIODIVERSITY FRAMEWORK

DATA TO DECISIONS



BETTY'S BAY MARINE PROTECTED AREA

Slipway to beacon
NO WAKE ZONE

*Please remember:
Penguins have right of way!*

 CapeNature

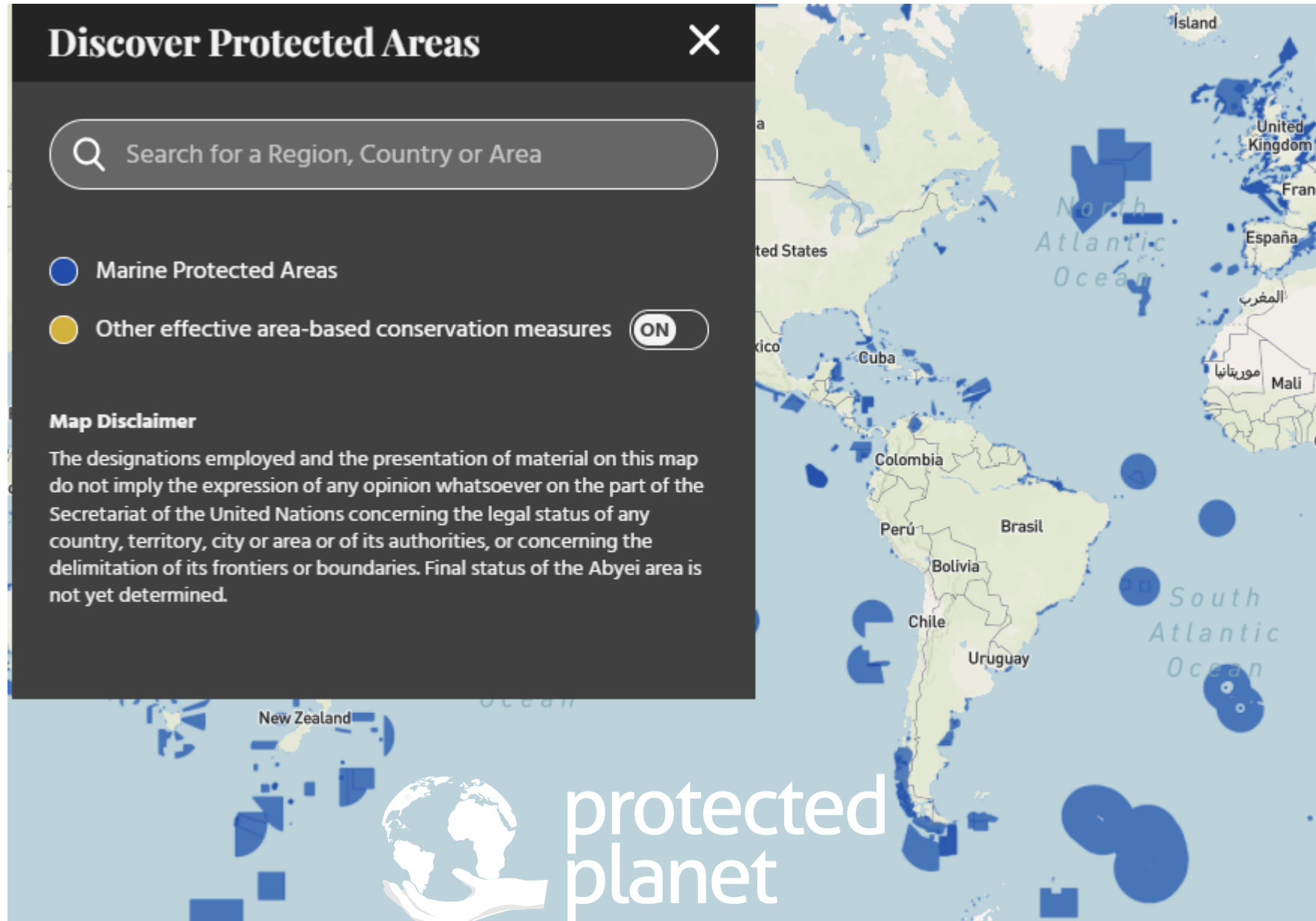
www.capenature.co.za



WARNING
Penguins will bite

Do not feed, touch or
disturb the penguins

DATA AND INDICATORS: PROTECTED AREAS



DATA AND INDICATORS: CONSERVED AREAS



**World Database on
Protected Areas
(WDPA)**

**World Database on
Other Effective Area-
based Conservation
Measures
(WD-OECM)**

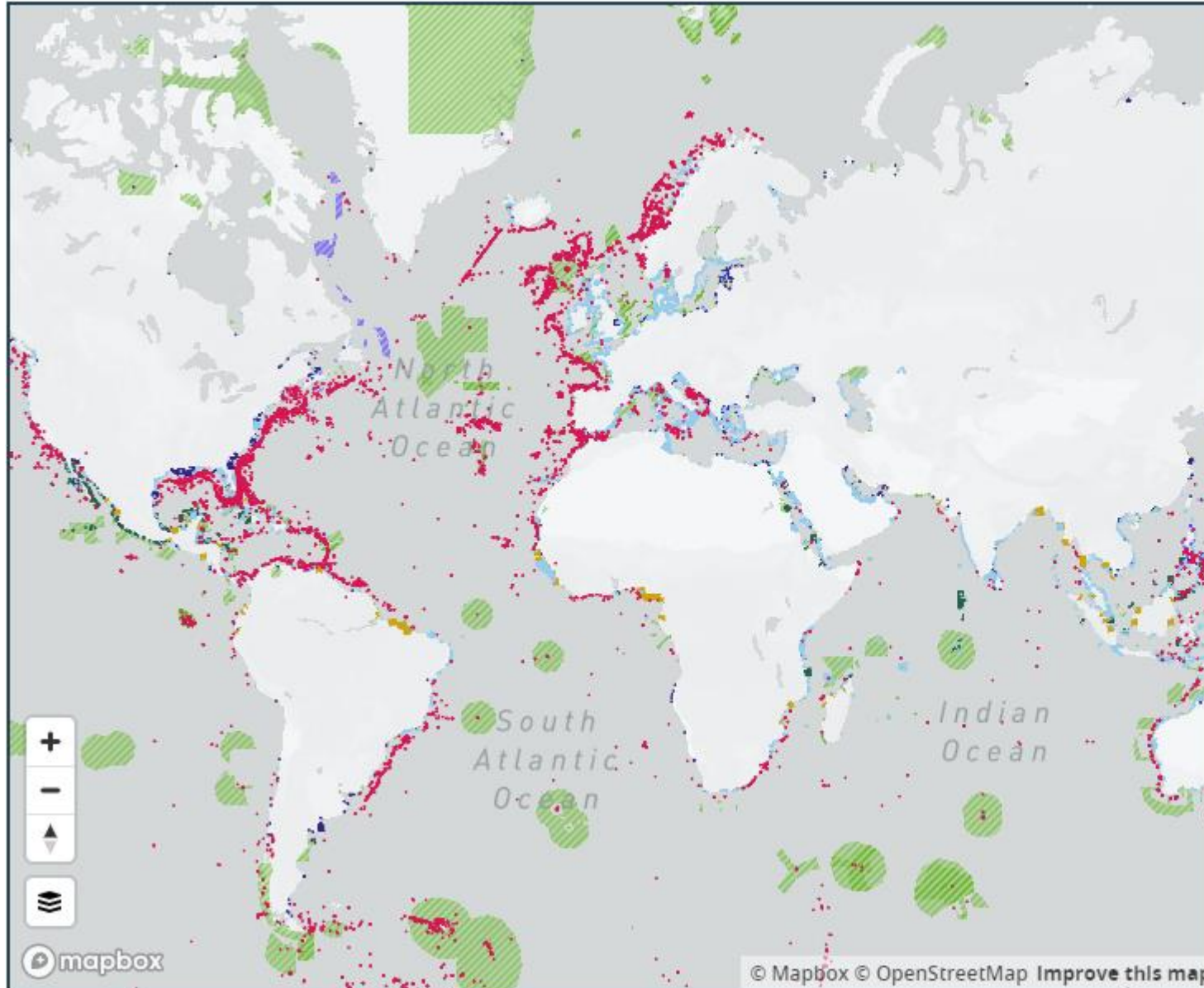
**Global Database on
Protected Area
Management
Effectiveness (GD-
PAME)**

DATA AND INDICATORS: MORE THAN COVERAGE

Level	Description	Datasets
Global target Aichi 11	At least 17% of terrestrial and inland water, and 10% of coastal and marine areas	World Database on Protected Areas + World Database on Other Effective Area-based Conservation Measures (WD-OECM)
Sub-target	Conserved through equitably and effectively managed means	Global Database on Protected Area Management Effectiveness (GD-PAME)
Sub-target	Well-connected system	WDPA + WD-OECM
Sub-target	Ecologically representative	Coverage of pelagic provinces and marine ecoregions
Sub-target	Areas of particular importance for biodiversity and ecosystem services	Coverage of Key Biodiversity Areas



DATA AND INDICATORS: HABITATS



Where in the world are marine and coastal habitats?

Warm-water corals



Saltmarshes



Mangroves



Seagrasses



Cold-water corals



Protected Areas (marine and coastal)



Other effective area-based conservation measures (marine and coastal)



Ocean⁺
Habitats

Estimated global change in habitat extent



Loss of
50%

Warm-water
corals

50% loss in warm-water
coral cover between **1870**
and **2019**



Loss of
20 - 50%

Saltmarshes

20 - 50% loss in saltmarsh
cover between **1850** and
2019



Loss of
20 - 35%

Mangroves

20 - 35% loss in mangrove
cover between **1980** and
2010



Loss of
30%

Seagrasses

30% loss in seagrass
cover between **1970** and
2000



Cold-water corals

Unfortunately, there is
currently no data for this
particular habitat.



DATA AND INDICATORS: MORE THAN COVERAGE

Madagascar

Known habitat occurrence

Based on the scientific literature, the following marine and coastal habitats are known to occur in Madagascar.

Confirmed Presence

Warm-water corals

Confirmed Presence

Saltmarshes

Confirmed Presence

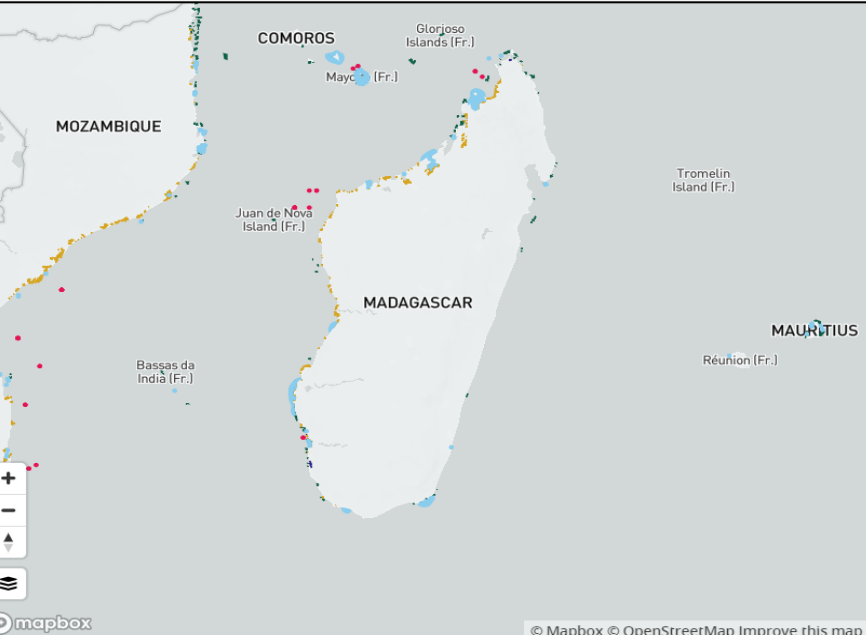
Mangroves

Confirmed Presence

Seagrasses

Confirmed Presence

Cold-water corals



Where in the world are marine and coastal habitats?

- Warm-water corals
- Saltmarshes
- Mangroves
- Seagrasses
- Cold-water corals
- Protected Areas
- Other effective area-based conservation measures

Proportion of habitat within protected and conserved areas

According to the World Database on Protected Areas, the following reflects the proportion of habitats found within marine and coastal protected areas in Madagascar.



- Warm-water corals
- Saltmarshes
- Mangroves
- Seagrasses
- Cold-water corals

	Warm-water corals	Saltmarshes	Mangroves	Seagrasses	Cold-water corals
CR Critically Endangered	0	3	0	0	0
EN Endangered	3	11	0	0	0
VU Vulnerable	63	7	0	1	0
NT Near Threatened	105	0	0	0	0
LC Least Concern	155	21	9	10	1
DD Data Deficient	20	1	0	1	0
NE Not Evaluated	0	1	1	0	0
Total:	346	44	10	12	1

IMPLEMENTATION AND REPORTING: SYNERGIES



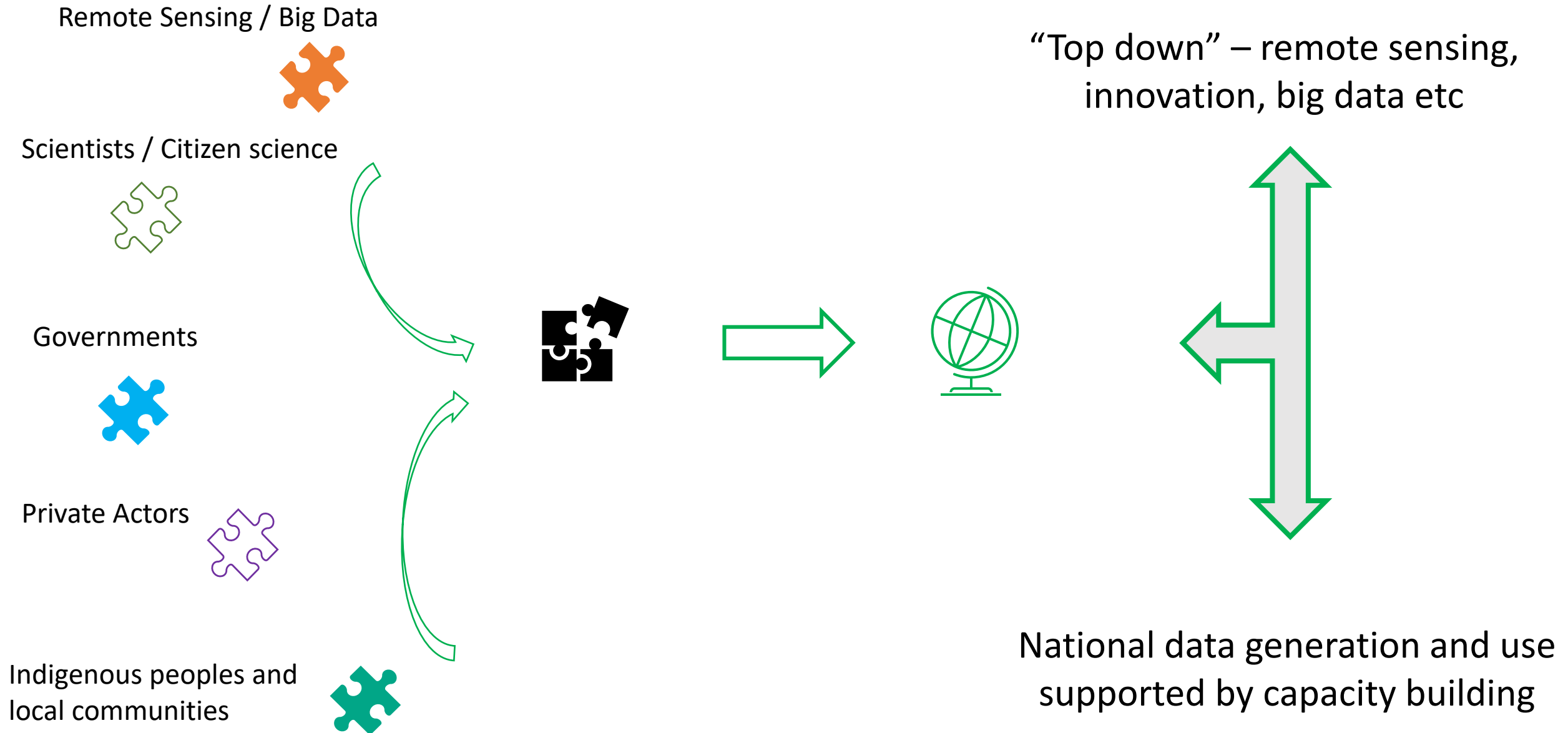
Convention on
Biological Diversity



2021 2030 United Nations Decade
of Ocean Science
for Sustainable Development



DATA AND INDICATORS: PEOPLE





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