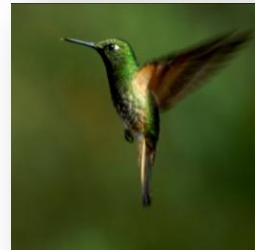
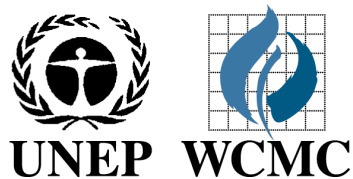


UNEP-WCMC

Dr Brian Mac Sharry

Protected Areas Programme

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Introduction to UNEP-WCMC

Based in Cambridge, UK

UNEP's specialist Biodiversity Assessment Centre

- Provide the data and information that supports decision-making
- Strengthen capacity for biodiversity decision-making

Mission

To evaluate and highlight the many values of biodiversity and put authoritative biodiversity knowledge at the centre of decision-making

www.unep-wcmc.org



UNEP-WCMC

Work across the biodiversity realms

- Business and Biodiversity
- Climate Change
- Ecosystem Assessment
- Informatics
- Marine
- Policy Support
- Protected Areas
- Science
- Species

www.unep-wcmc.org

an example...

Protected Area Programme

Target 11 is a driver of our work

Our Work.... Protected Areas Programme

Tracking global progress towards international protected area targets

World Database of Protected Areas

Registry of Indigenous and Community Conserved Areas

Site management and it's effectiveness

Aichi Biodiversity targets

Millennium Development Goals

Biodiversity Indicators Partnership



Our Work.... Protected Areas Programme

Support regions and nations to establish,
manage and conserve protected areas

Expert reviews

World Heritage Convention

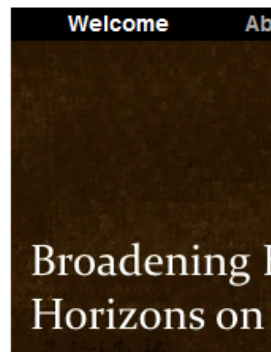
Guidance and data standards

Gap analyses



Our Work....

We provide tailored advice to decision-makers.



Welcome

Proteus is a partner
WCMC) to make ava
biodiversity data an



all areas of importance LISTED BY NAME

[A-C](#) | [D-F](#) | [G-L](#) | [M-Q](#) | [R-Z](#)

A
Alliance for Zero Extinction (AZE)
Sites
ASEAN Heritage Parks

B
Biodiversity Hotspots
Buffer Zones

C
Centres of Plant Diversity (CPD)
Crisis Ecoregions

E
Emerald Network Sites
Endemic Bird Areas (EBA)

G
Global 200 Ecoregions

H
Habitat / Species Management
Area
High-Biodiversity Wilderness

ABOUT

HISTORY OF AREAS

AREA CATEGORIES

BUSINESS RELEVANCE

Use the A to Z to find out about different areas of biodiversity importance. These include internationally recognised protected areas such as **World Heritage Sites** and **Ramsar Sites**, as well as the many approaches used to prioritise areas for conservation effort and protection including **Biodiversity hotspots** and **Key Biodiversity Areas**.

While the many and varied terms used to capture these important biodiversity areas are there to fulfil many purposes, this has created a confusing conservation landscape to navigate. The A to Z is designed to provide clear, concise and relevant information about each type of area, which can be used by all sectors including business, government and environmental agencies.

FEATURED TOOLS

THE INTEGRATED BIODIVERSITY ASSESSMENT TOOL (IBAT)

[IBAT for business](#) is an initiative developed through a partnership

NEW PROTECTED PLANET WEBSITE LAUNCHED

[Protected Planet](#) is a new initiative by IUCN and UNEP-WCMC to boost

protected areas SUPPORTED BY NATIONAL NATIONAL INSTITUTION

internationally recognised

nationally designated

global priorities areas

DEVELOPED BY ACADEMY OF
CONSERVATION GROUP

regional scale

site scale



Our Work.... Protected Areas Programme

Resilience & future proofing of the protected areas network

PARCC Project - Protected Areas Resilient to Climate Change in West Africa

MAVA - reduce the socio-economic vulnerability of communities to climate change

Connectivity Conservation

Complementarity



World Database on Protected Areas (WDPA)

WDPA

It is the global authoritative database on Protected Areas, corresponding to the IUCN definition of Protected Areas which is managed by UNEP-WCMC.

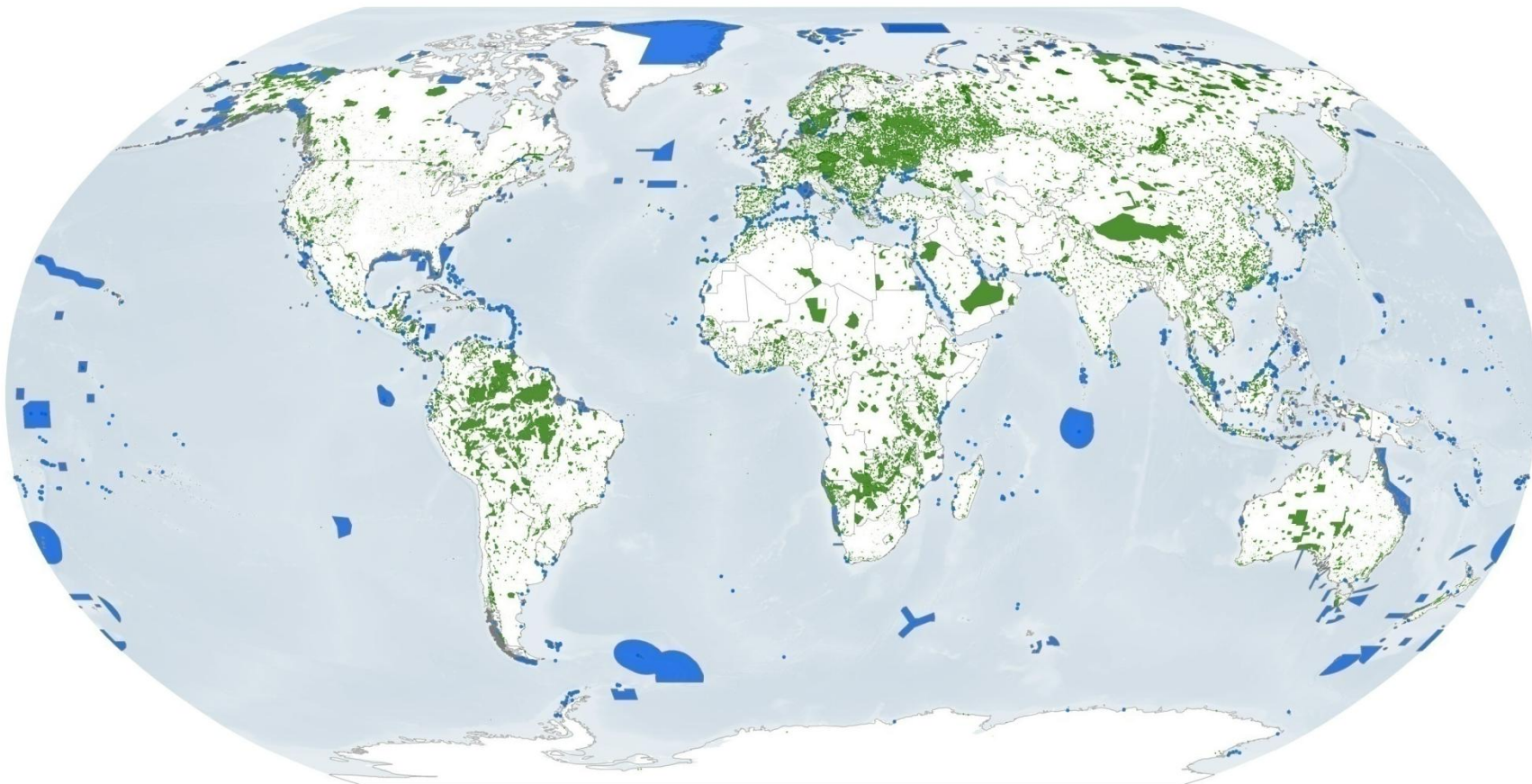
Origin from Mandate 713 (XXVII) from 1959 from United Nations, which asks countries to send to the Secretary General of the UN *“areas they desire to have internationally registered as national parks or equivalent reserves”*

The WDPA in its current form dates from 1981.

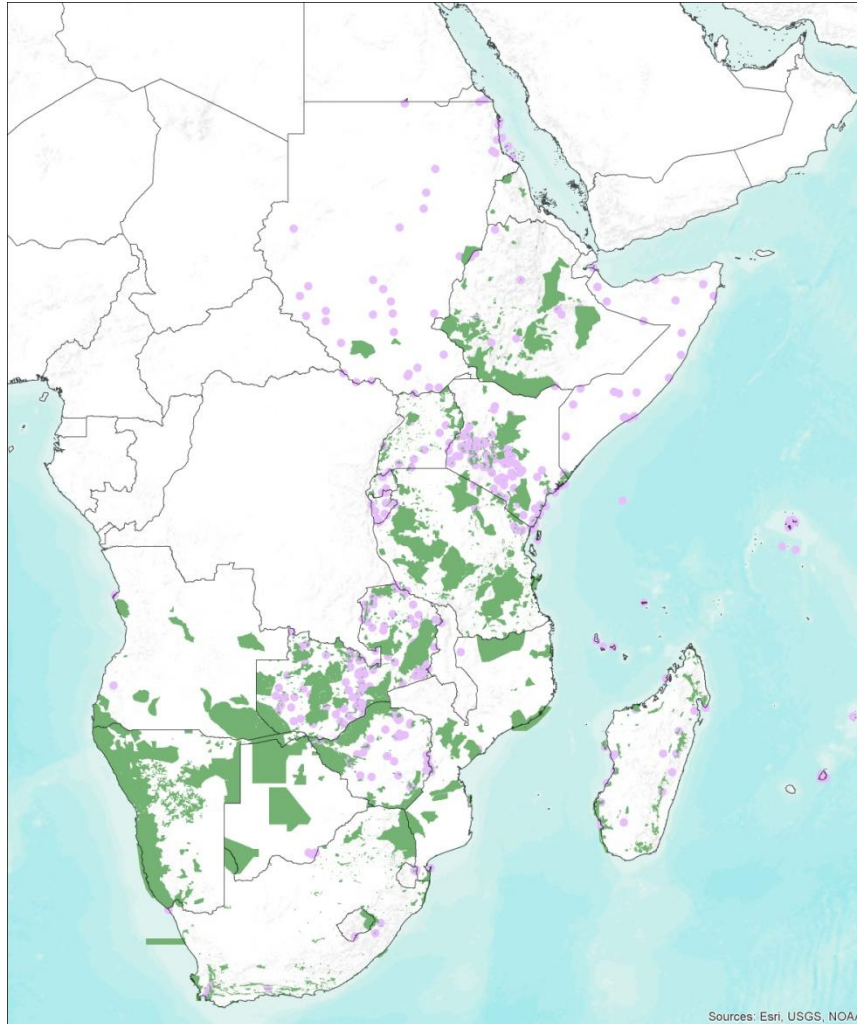
What is the global situation today ?

<i>Points</i>	12%
<i>Polygons</i>	88%

WDPA May. '14: 204 652 **records**



WDPA May. '14: 4 274 records

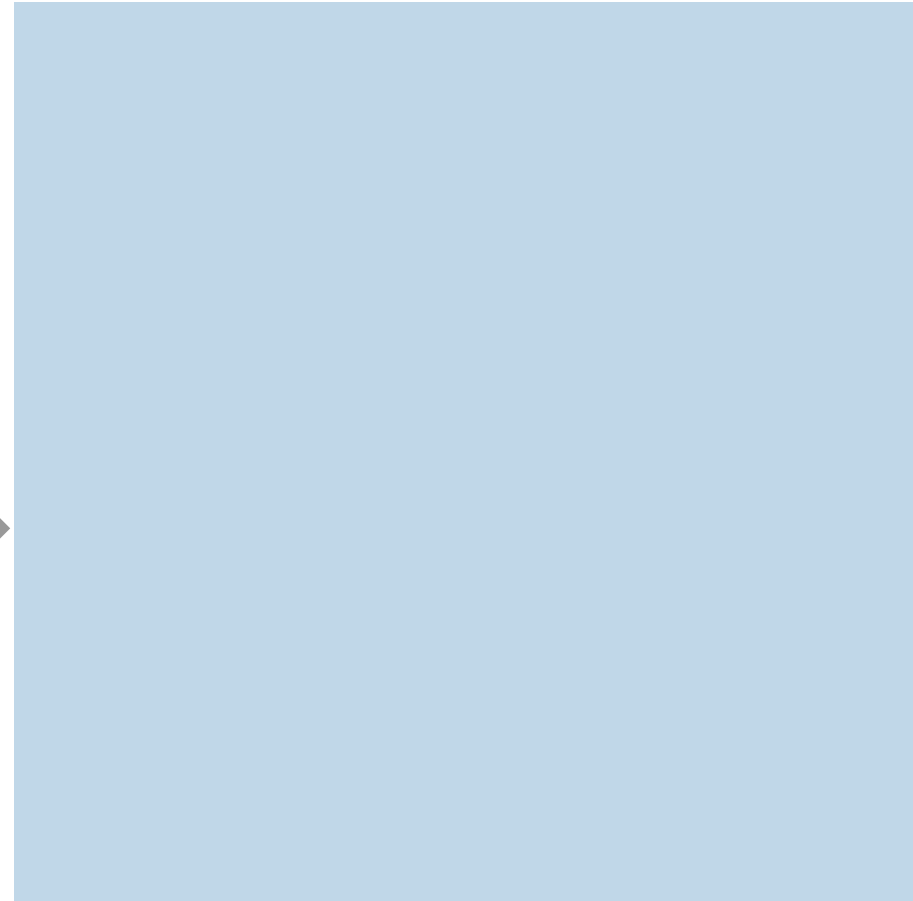
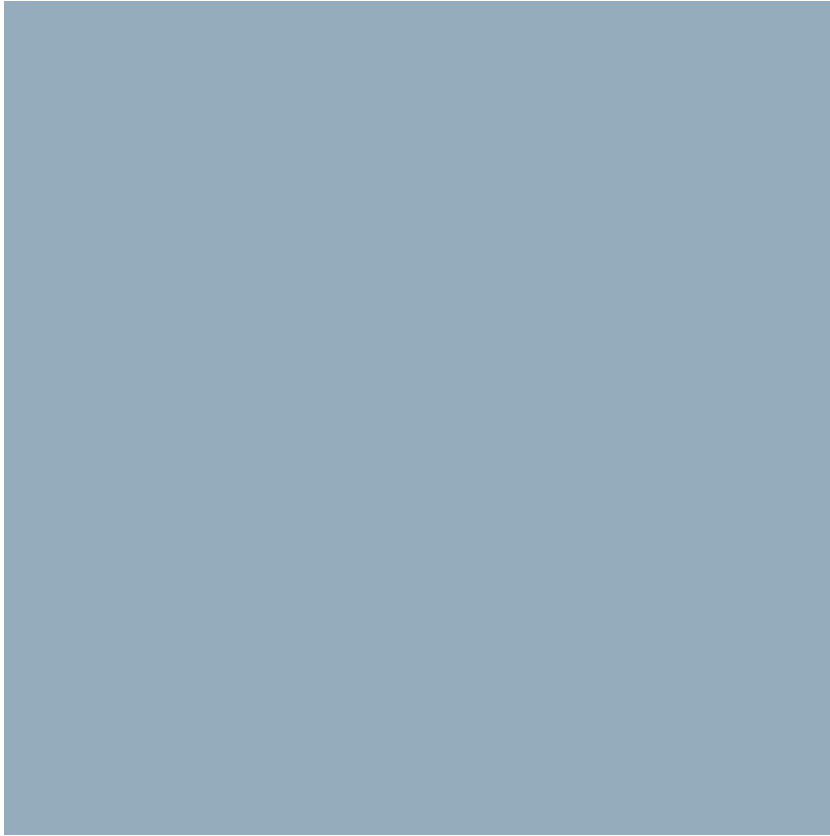


Coverage statistics

Terrestrial

(quantitative, not qualitative)

By 2020



2014 ~**14.6%**

By 2020 **17%**

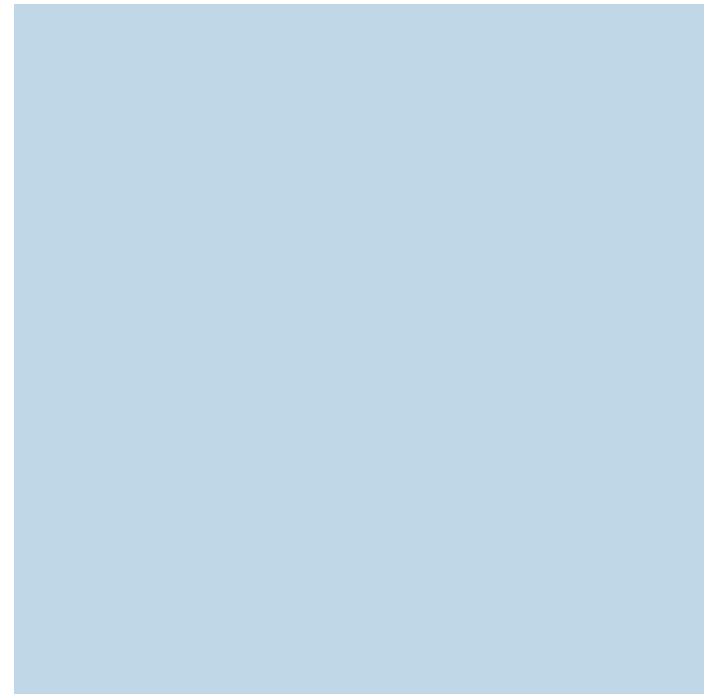
Marine

(quantitative, not qualitative)

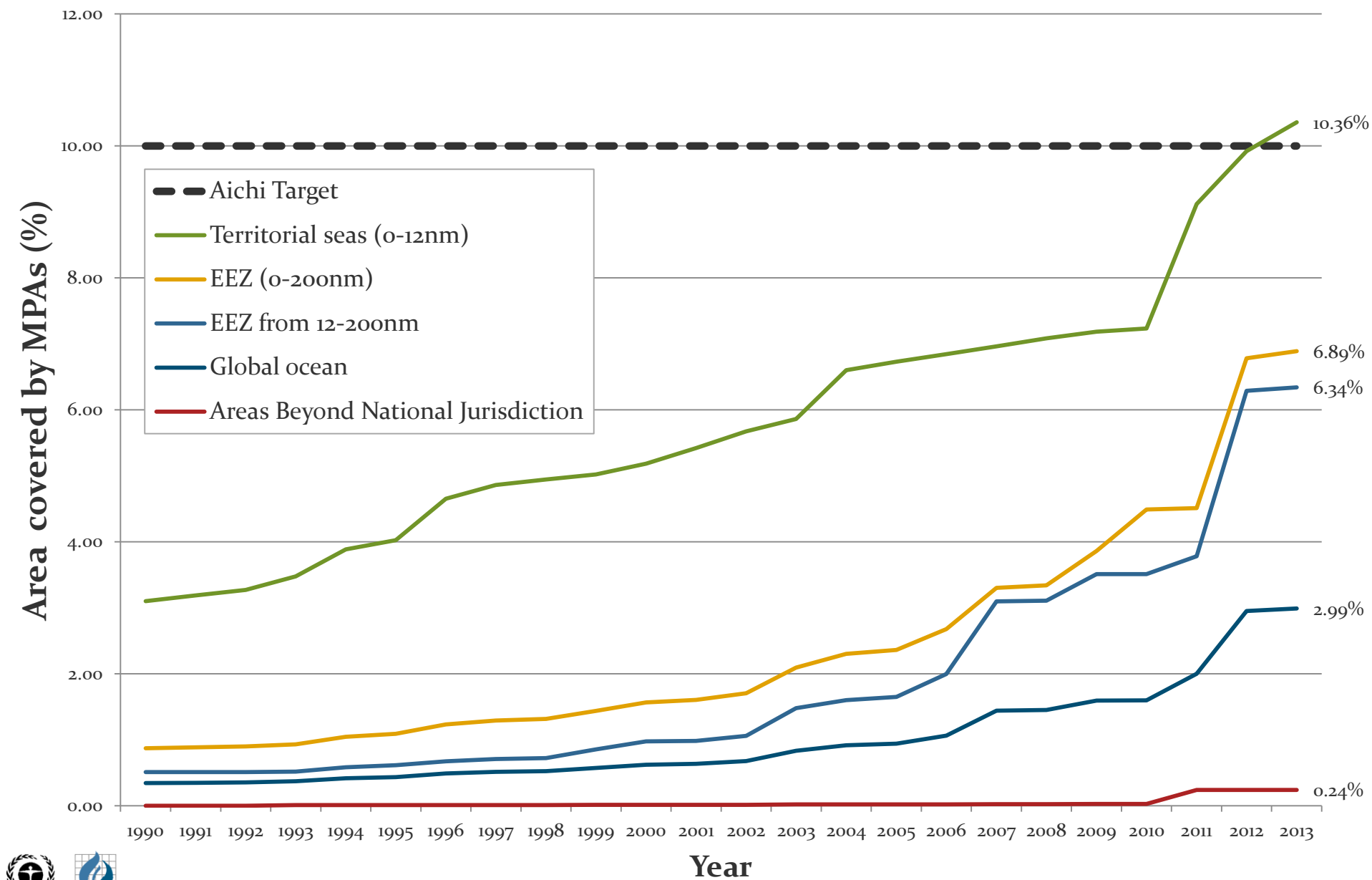
By 2020



2014~**3%**



By 2020 **10%**



How do we get data?

The WDPA is a **partnership** between IUCN and UNEP but it is also a **partnership** with all the data providers. We have a set of contact points in each country which we work with to ensure we get data.

Our data flow

Data sources



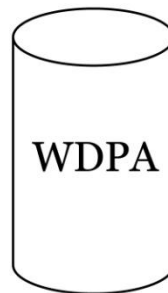
Government



International/Regional



Others



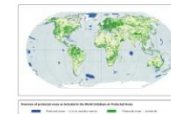
WDPA



Protectedplanet initiative



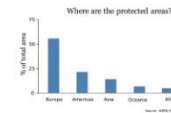
Publications



Spatial data



protectedplanet.net



Analysis/Statistics

Indicators

Data standards

We have a set of data standards to ensure that data collected from all over the world can be harmonised into a single data set.

Attribute Data Standards

23 attributes for each site

Uses ISO & IUCN terminology

Sets Clear Requirements:

- Minimum
- Core
- Enhanced

9 attributes for each source

WDPA Attributes

[WDPA ID*]
[WDPA Parent ID*]
[METADATA ID*]
[GIS Area*]
[GIS Marine Area*]
Name
Parent_ISO3
ISO3
Designation
Designation Type
Marine
Reported Marine Area
Reported Area
Status
~~Status Year~~
Original Name
Sub-National Location
Designation (English)
IUCN Category
International Criteria
Governance Type
Management Authority
Management Plan (url)
No Take
No Take Area

Minimum

Core

Complete



WDPA

Issues

The WDPA and all associated analysis is only as good as the data that we have.

The main issues are:

Old **data** is a problem- We aim to update the data from every country at a minimum every 5 years, however this is not always possible, it may be that we do not have the correct contact person or there has been a change in the organisation and people have moved.

More points than polygons.

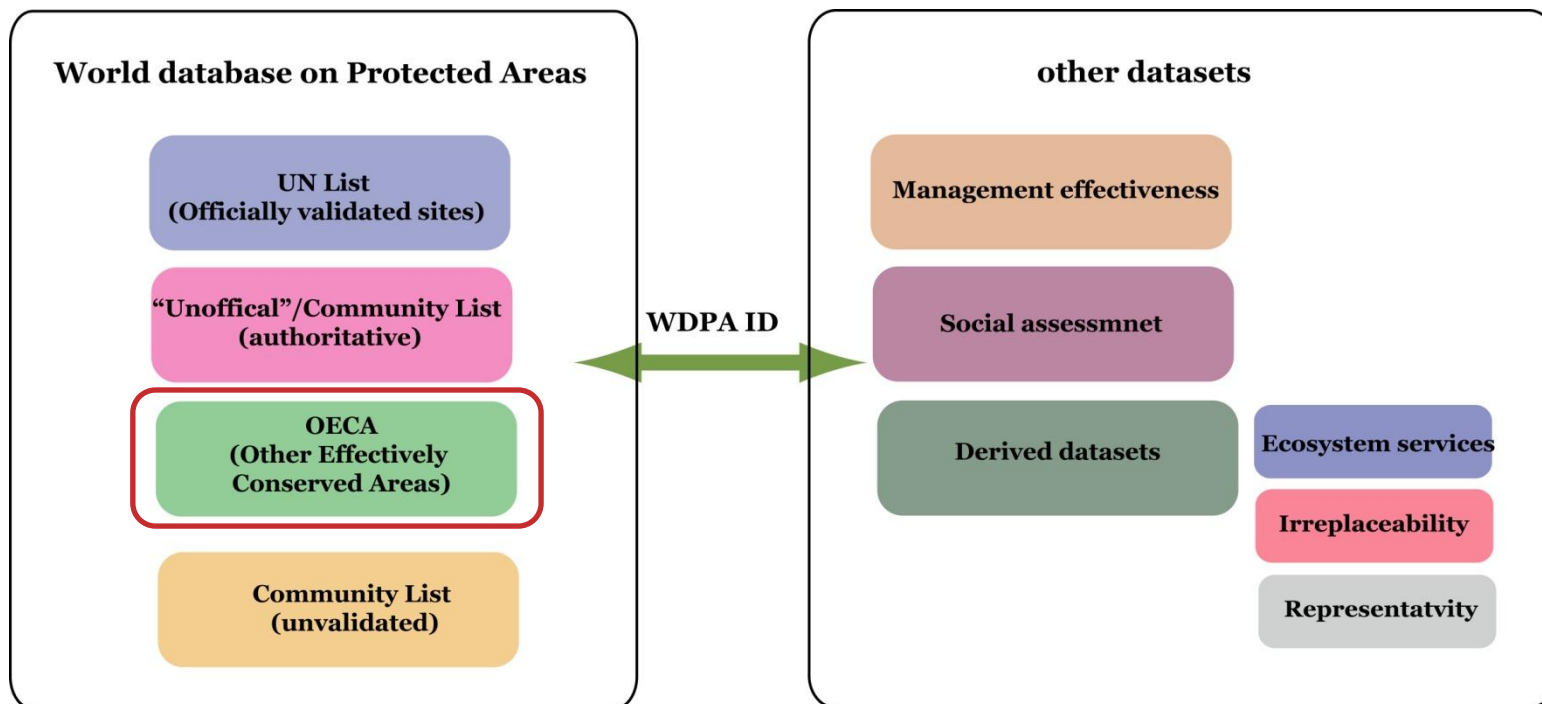
Incomplete data from a country

Future?

Plans for the future

Currently the WDPA is focused on “Formal” Protected Areas. There needs to be a convergence between Formal Protected areas and Community Conservation/Protected Areas (ICCAs) and Privately Protected Areas.

We plan to **expand** the WDPA to allow this.



Thank you!

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