UN environment WCMC

**UN Environment
World Conservation Monitoring Centre**
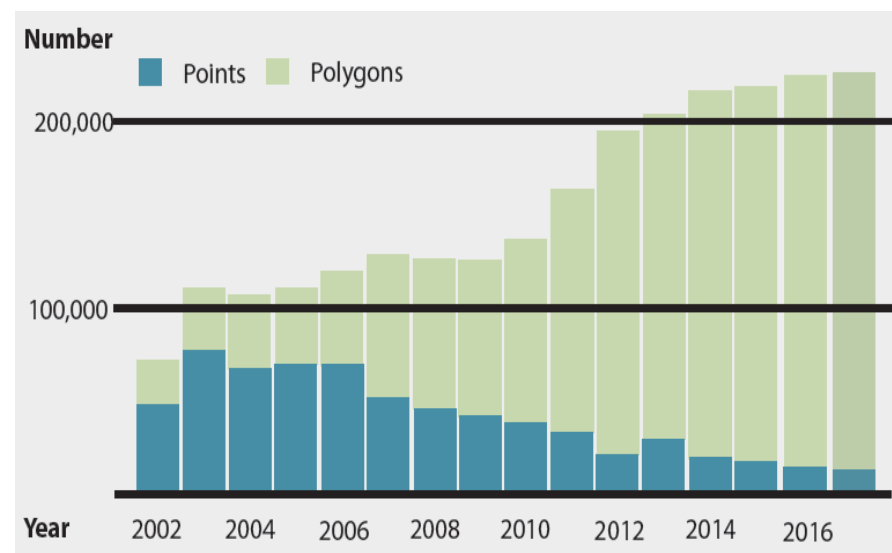
PROTECTED PLANET: ARCTIC

Arctic Biodiversity Congress 2018

10TH OCTOBER 2018

The World Database on Protected Areas (WDPA)

UN List of National Parks and Equivalent reserves

UN List of National Parks and Protected Areas

UN List of Protected Areas

1959: resolution 713 (XXVII) 27th Session of the UN Economic & Social Council

60s   70s   80s   90s   00s   10s

- The World Database on Protected Areas (WDPA) is the most comprehensive global database on terrestrial and marine protected areas.

- Complementary datasets:
    - Global database on Protected Areas Management Effectiveness (GD-PAME)
    - Registry of Indigenous and Community Conserved Areas (ICCAs)
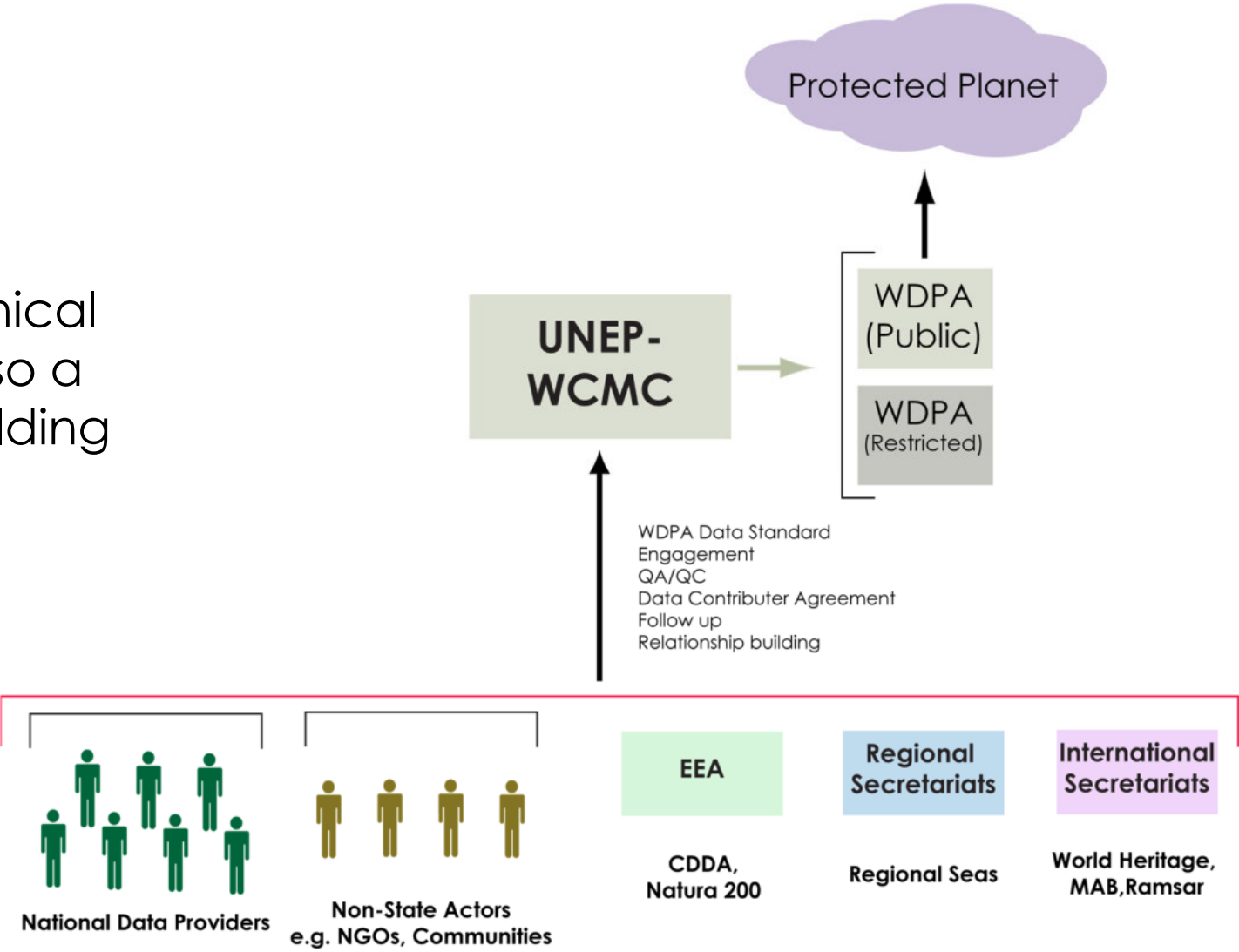   - Other effective area-based conservation measures (OECMs)

Number

Points   Polygons

200,000

100,000

Year   2002   2004   2006   2008   2010   2012   2014   2016

22/10/2018

J3 July 2018 figures:
    Jessica; 31.8.2018

J4 no.of poly: 219, 023
    Jessica; 31.8.2018

J5 no.of point: 19, 540
    Jessica; 31.8.2018

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Not just a technical exercise, it is also a relationship building exercise.
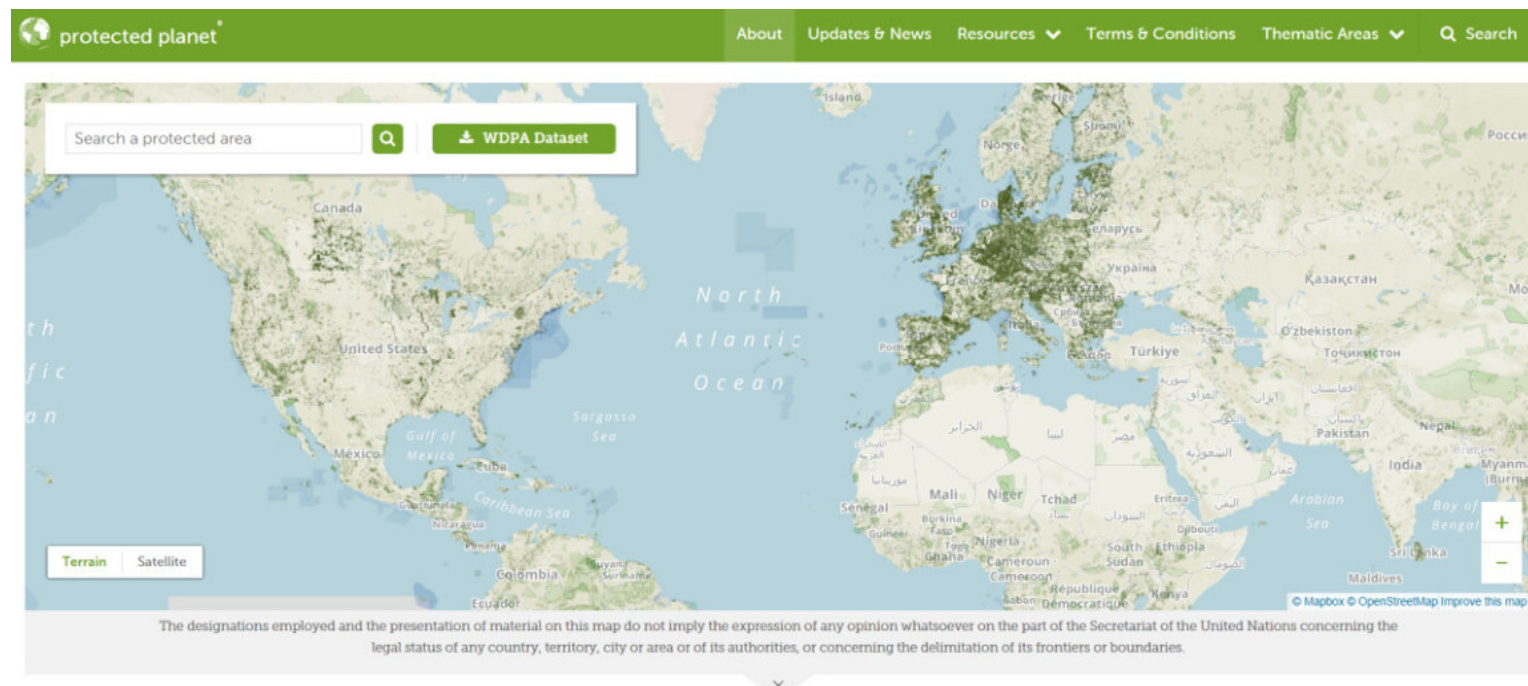
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UNEP-WCMC

WDPA (Public)

WDPA (Restricted)

WDPA Data Standard
Engagement
QA/QC
Data Contributer Agreement
Follow up
Relationship building

EEA

CDDA, Natura 200

Regional Secretariats

Regional Seas

International Secretariats

World Heritage, MAB, Ramsar

National Data Providers

Non-State Actors
e.g. NGOs, Communities

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All datasets made available though the Protected Planet website

www.protectedplanet.net

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Thematic Pages

Explore the World's
MARINE PROTECTED AREAS

Over 70% of the surface of Earth is ocean, comprised of highly diverse ecosystems, and providing a wide range of marine ecosystem services that support human society, health and the economy. This website presents the most recent official coverage statistics for marine protected areas, updated monthly from the World Database on Protected Areas.

Learn how we calculate protected area coverage statistics

| MPA distribution | Growth in coverage | Coverage of national waters | Size distribution | MPA representation | Pledges and designations | Green listing |

Protected areas coverage in 2018

Number of Marine Protected Areas

15,334

Percent of the ocean covered by protected areas

7.44%

Total area protected

26,945,395km²

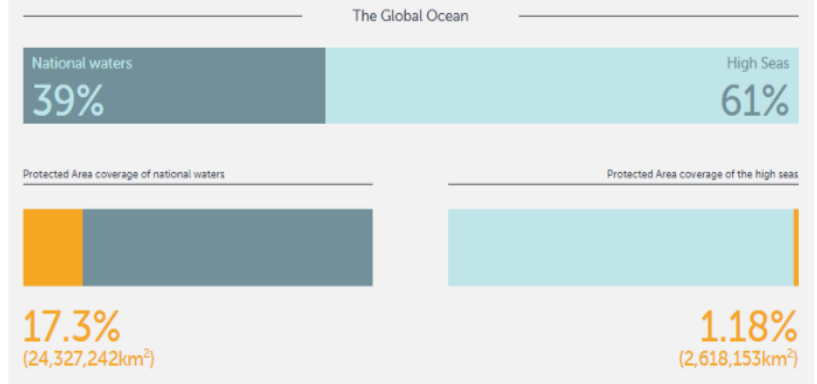## Distribution of marine protected areas

The global coverage of marine protected areas (MPAs) is 7.44%. The Global Ocean can be divided into areas within national jurisdiction (National Waters) and those in international waters (Areas Beyond National Jurisdiction (ABNJ))

MPAs can be more easily created by governments in national waters where there are dedicated legal systems in place. In ABNJ it is more difficult to create MPAs due to the complex legal framework in place. As such, the percentage of MPAs created within national waters is much higher than that for ABNJ. National waters represent 39% of the global ocean and at present, 17.23% of these waters are designated as protected areas. In contrast, only 1.18% of ABNJ, which makes up the remaining 61% of the global ocean, has been established as protected areas. At present, international discussions are underway to establish ways of simplifying the process to create MPAs in ABNJ. For more information on this, please see the DOALOS website.
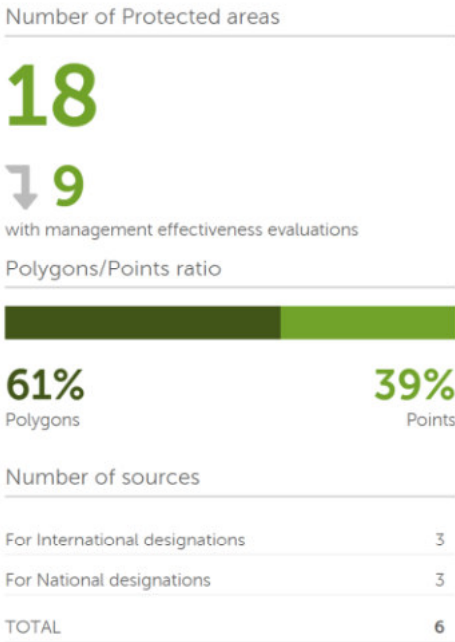
National waters and the High Seas

National waters represent an area of coastal water extending out to the limit of the Exclusive Economic Zone at 200 nautical miles from the baseline of a Coastal State. Coastal States have management jurisdiction over these waters, the resources within them and the resources in/under the seabed

Marine Areas Beyond National Jurisdiction (ABNJ) are areas of the ocean that are not under the jurisdiction of any one country. Therefore, no individual nation has the sole responsibility for management of these areas. Defined in recent international discussions[1], ABNJ includes both the High Seas – all parts of the sea that are not included in national waters[2], and the "Area" – the seabed beyond the limits of national waters[2].
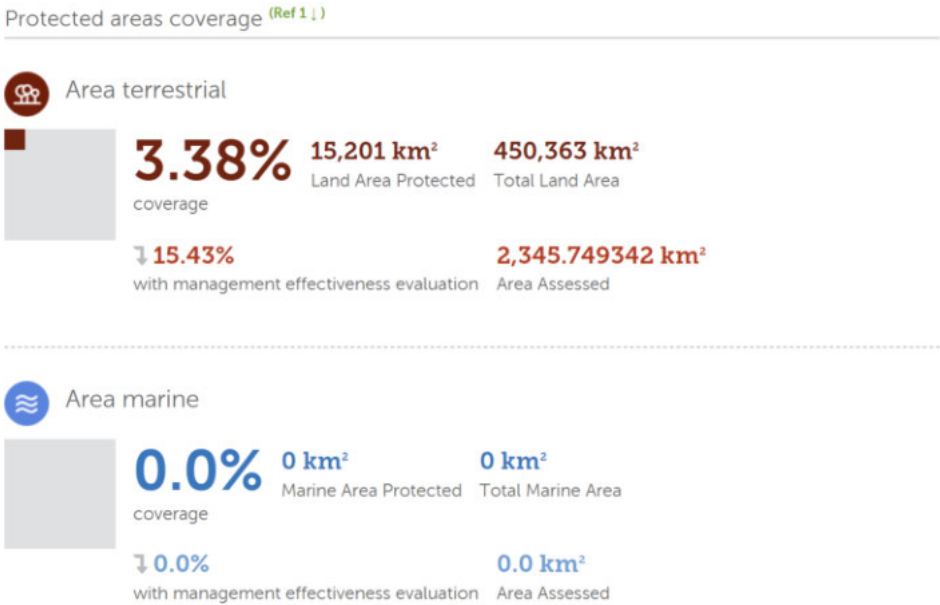
The Global Ocean

National waters	High Seas
39%	61%

Protected Area coverage of national waters

17.3%
(24,327,242km²)

Protected Area coverage of the high seas

1.18%
(2,618,153km²)

National Statistics

e.g. Uzbekistan

Number of Protected areas

18
↓ 9
with management effectiveness evaluations

Polygons/Points ratio

61% Polygons   39% Points

Number of sources

For International designations	3
For National designations	3
TOTAL	6

Protected areas coverage (Ref 1 ↓)

Area terrestrial

3.38% 15,201 km² Land Area Protected   450,363 km² Total Land Area
coverage

↓15.43%   2,345.749342 km²
with management effectiveness evaluation   Area Assessed

Area marine

0.0% 0 km² Marine Area Protected   0 km² Total Marine Area
coverage

↓0.0%   0.0 km²
with management effectiveness evaluation   Area Assessed

Warning: These statistics might differ from those reported officially by countries due to difference in methodologies and datasets used to assess protected area coverage and differences in the base maps used to measure terrestrial and marine area of a country or territory.
Learn how we calculate protected area coverage statistics

IUCN Management categories ⬈

Management categories ⇕	Count ⇕	% ⇕
Ia	8	44.44
II	2	11.11
IV	3	16.67
Not Reported	3	16.67
Not Applicable	2	11.11

Governance types ⬈

Name ⇕	Governance type ⇕	Count ⇕	% ⇕
Not Reported		18	100.0

https://protectedplanet.net/country/UZB

Protected Planet reports

Assess progress towards achieving the elements of Aichi Target 11 and others.
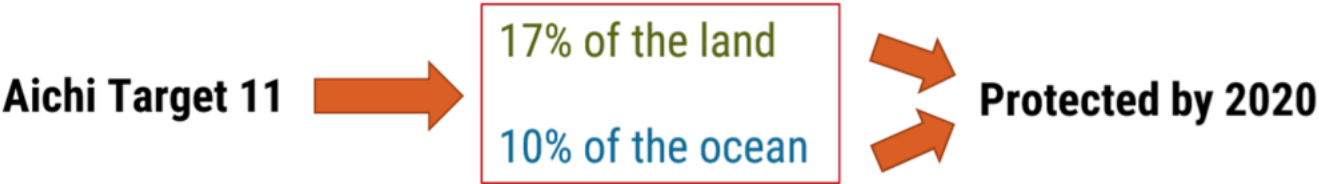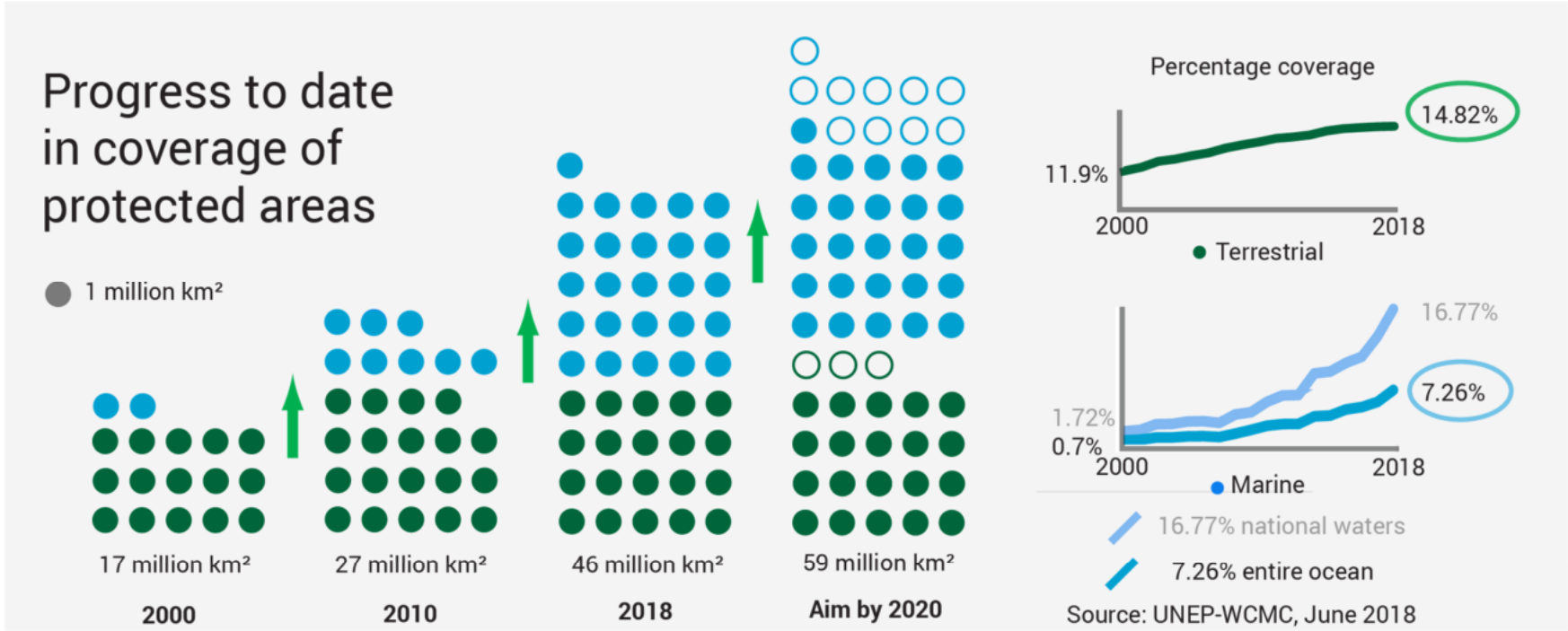
Protected Areas of the world

protectedplanet®

Source: UNEP-WCMC AND IUCN (2018). Protected Planet: The World Database on Protected Areas (WDPA) [On-line], September 2018, Cambridge, UK: UNEP-WCMC. Available at wwww.protectedplanet.net

Terrestrial protected areas   Marine and coastal protected areas

UN environment WCMC

IUCN   WCPA WORLD COMMISSION ON PROTECTED AREAS

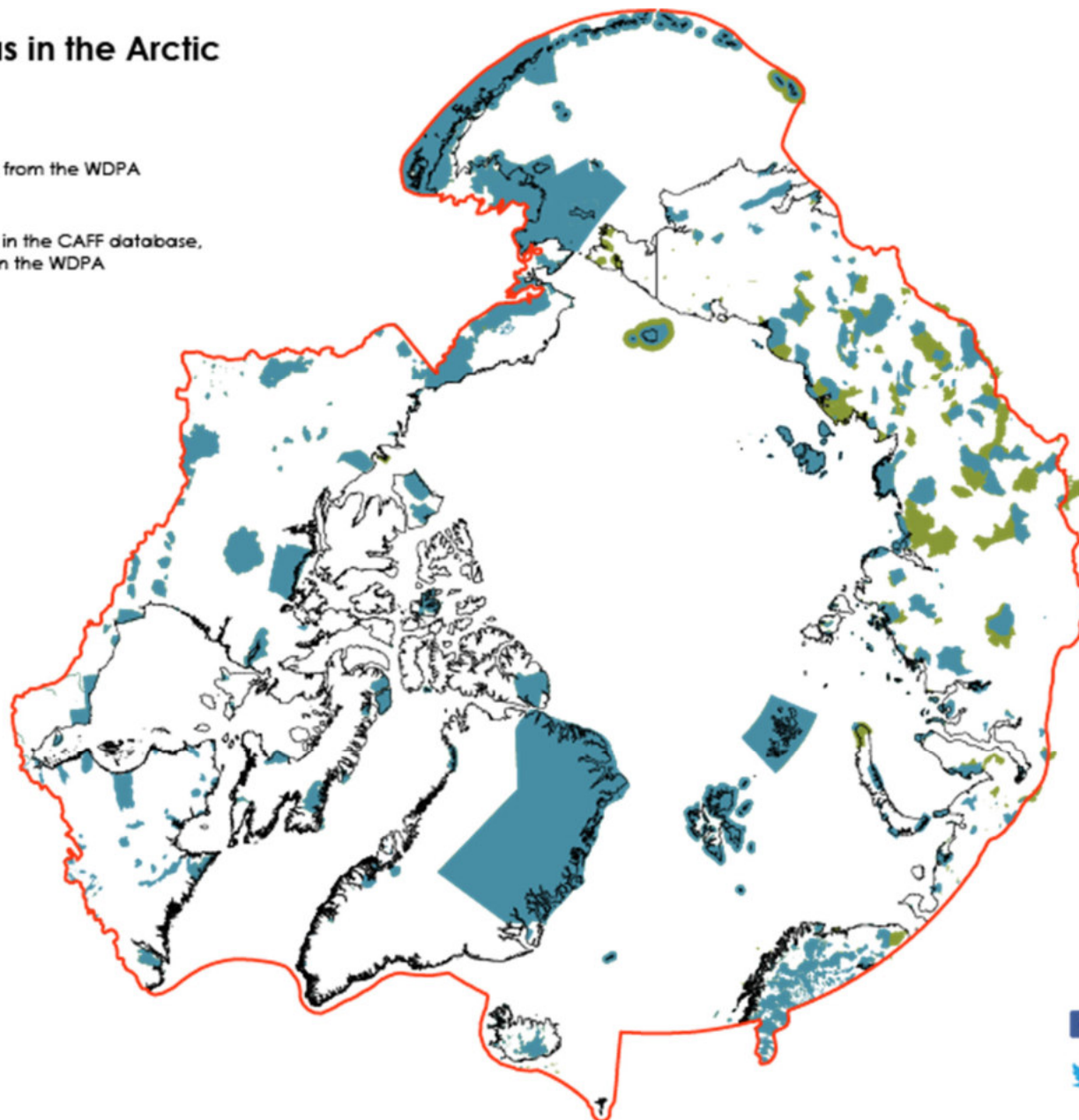# How much area do they cover?

Bringing together protected areas data for the Arctic

Combining protected areas information held by UNEP-WCMC and CAFF to produce the most **comprehensive** data set on protected areas for the Arctic.
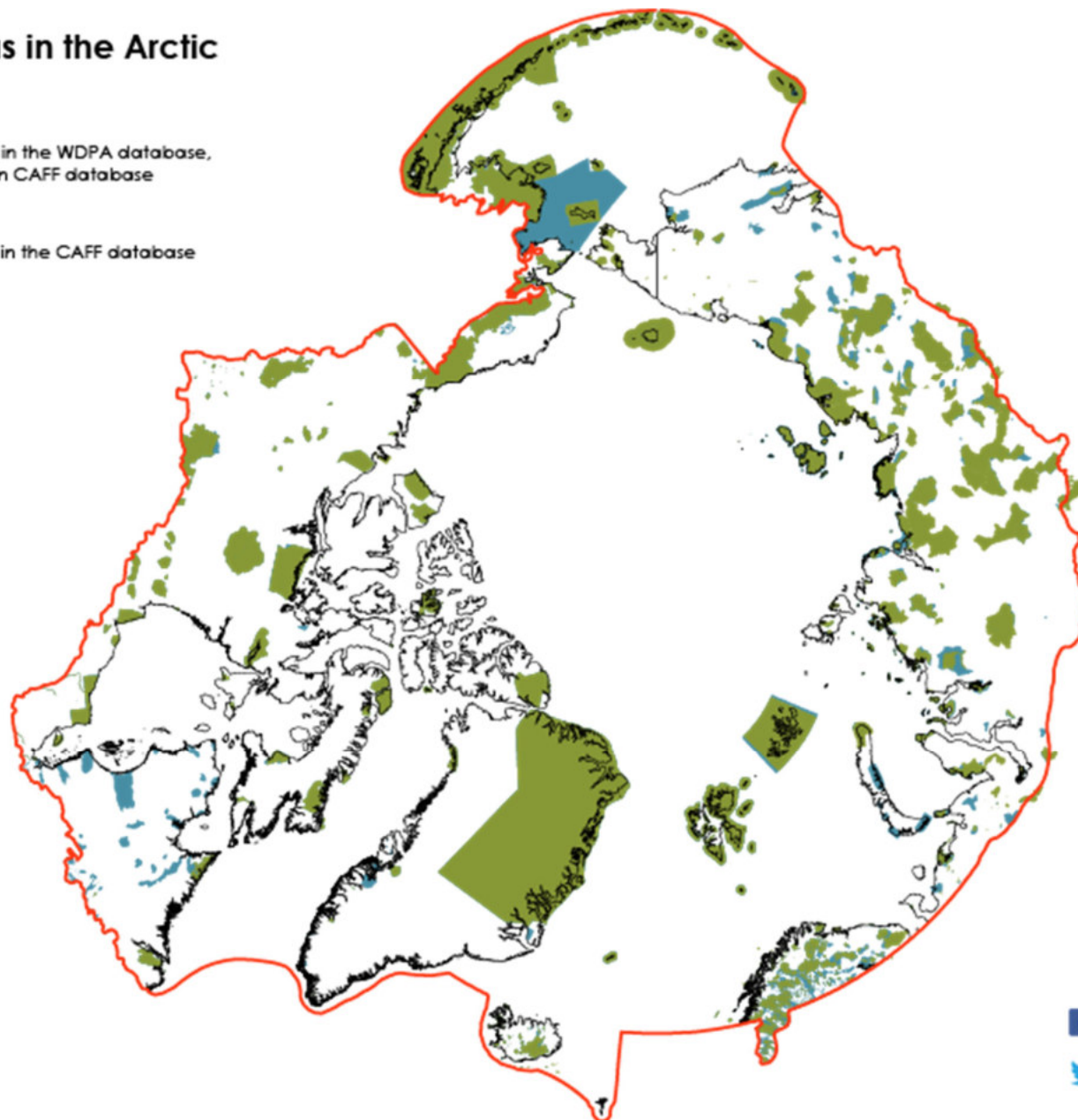
Both datasets had sites not in the other…

Protected Areas in the Arctic

Sites from the WDPA

Sites in the CAFF database, not in the WDPA

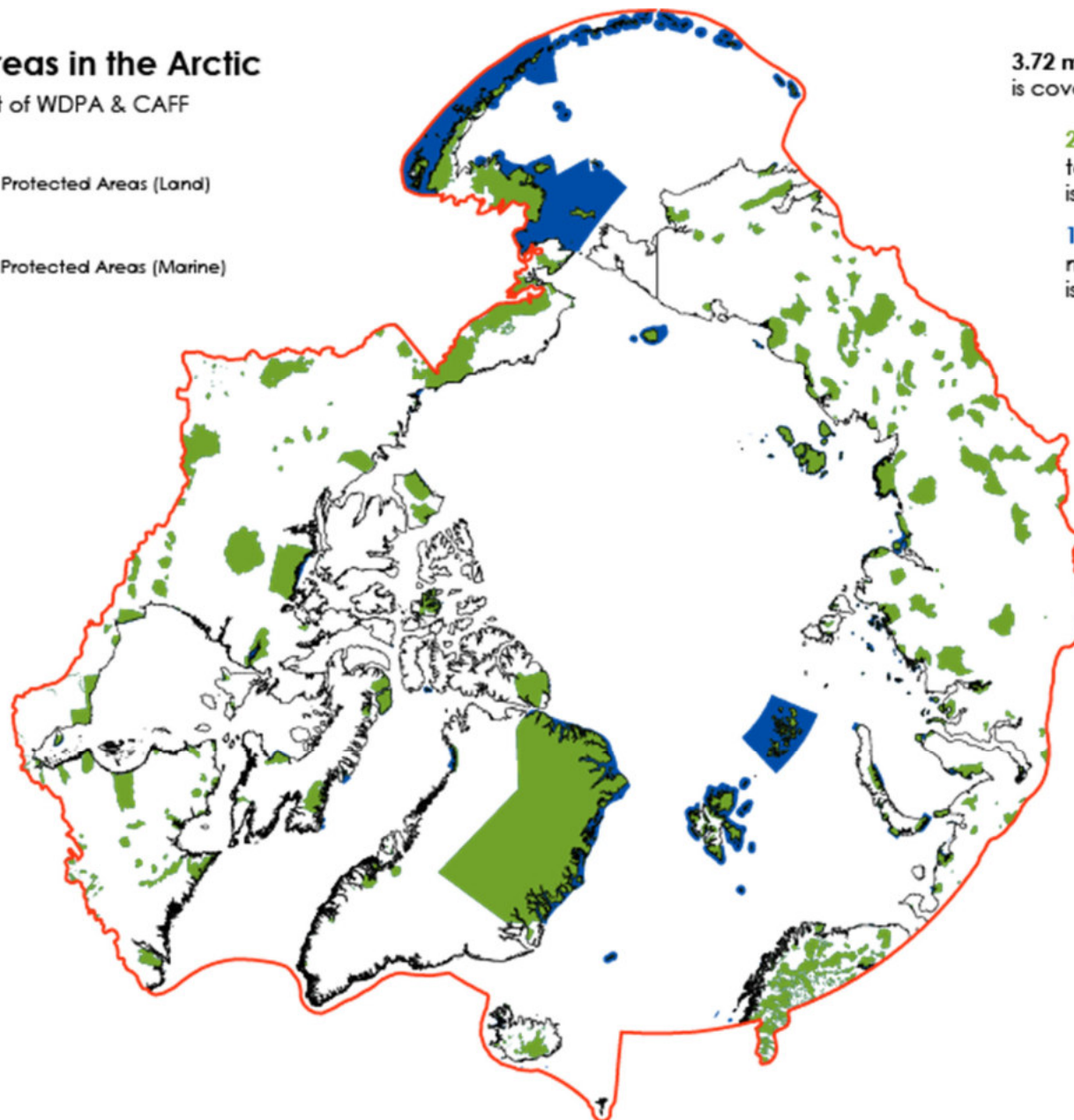UN environment WCMC

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Protected Areas in the Arctic

Sites in the WDPA database, not in CAFF database

Sites in the CAFF database

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Protected Areas in the Arctic

combined dataset of WDPA & CAFF

Protected Areas (Land)

Protected Areas (Marine)

3.72 million km² or 11.5% of the Arctic is covered by Protected Areas

2.64 million km² or 18.9% of the terrestrial portion of Arctic is covered by Protected Areas

1.08 million km² or 5.9% of the marine portion Arctic is covered by Protected Areas

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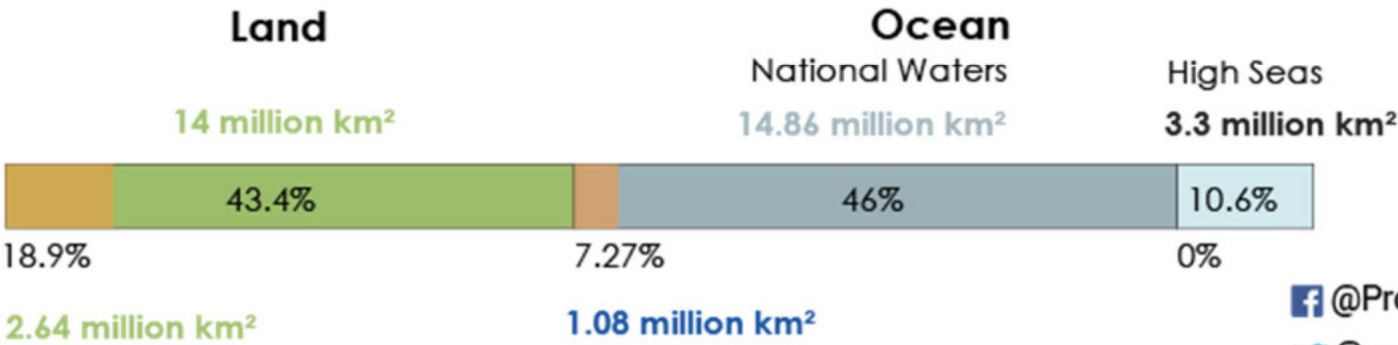
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Arctic Protected Areas

Arctic protected areas network includes over 2,100 protected areas covering an area of 3.73 million km²

- 18.9% land area
- 7.27% national waters
- 5.9% marine area

"ProtectedPlanet:Arctic"?

Land	Ocean	
	National Waters	High Seas
14 million km²	14.86 million km²	3.3 million km²
43.4%	46%	10.6%
18.9%	7.27%	0%
2.64 million km²	1.08 million km²	

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