

Proteus Quarterly Update

January to March 2023

UN  WCMC
environment
programme

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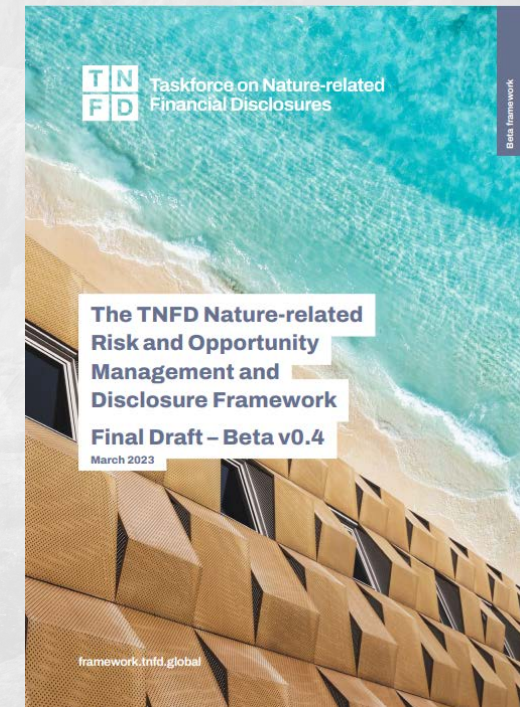
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1.1 Highlights

TNFD v0.4 beta framework release

- TNFD has released v0.4 of the beta framework for nature-related risk management and disclosure.
- This release includes: a full draft of recommended disclosures; an approach to metrics with disclosure metrics for reporting; a guidance on target setting; LEAP approach updates; a draft guidance on risk assessment methods; an updated guidance on scenario analysis; and an updated guidance on stakeholder engagement.
- Additional guidance on sectors and biomes is available and includes guidance for the Mining and Metals and Energy sectors.
- TNFD is accepting feedback until 1 June 2023 and organisations can submit formal comment letters.
- The final v1.0 will be published in September 2023.



 Access the [TNFD v0.4 Beta Release](#)
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Point of Contact
Alena Cierna

1.2 Highlights

ENCORE biodiversity module

The ENCORE biodiversity module was created in partnership between UNEP-WCMC, UNEP-FI and Global Canopy.

- The ENCORE biodiversity module is an extension of the existing online [ENCORE tool](#).
- The module enables businesses to explore potential biodiversity risks associated with their portfolios and align with global biodiversity goals.
- Try the new update of the [ENCORE biodiversity module!](#) This new version enables businesses to prioritise engagement actions based on potential biodiversity risks associated with different portfolios in alignment with a nature-positive future.



Explore potential portfolio alignment with biodiversity goals

This new functionality helps explore the potential alignment of financial activities in selected sectors with a nature-positive future.

[Find out more >](#)

 Access the [release video](#) and find out [what's next for extractive companies and nature-related risk?](#)



2.1 Protected Areas

World Database on Protected Areas (WDPA)

Several data updates have been made to the WDPA, including:

- **South Africa:** Complete update of 1,684 records including 43 international-level and 1,631 national-level records. This includes five new terrestrial sites covering around 383 km².
- **Saudi Arabia:** Partial update for Saudi Arabia. Three protected areas have been replaced by the King Salman Bin Abdulaziz Royal Reserve (KSRNR). The Rawdat at-Tanhah protected area has been replaced by the King Abdulaziz Royal Reserve (KARR). Two other protected areas have been added, Imam Abdulaziz bin Mohammed Royal Reserve (IARR) and King Khalid Royal Reserv (KKRR).

Number of countries updated	3
Net increase in records	5
Percent of records updated or validated	1%



Point of Contact
Emily Howland

2.2 Protected Areas

Protected Planet Initiative

2023 events and outputs:

- As part of the work with the Bezos Andes/Congo project, Janeth Lessmann supported the Ministry of Environment of Ecuador with the implementation of two workshops on Other Effective Area Based Conservation Measures. The workshops were held in Quito (29-30 March) and aimed to discuss the OECM framework and its implementation in Ecuador under the national legislation.
- Working with our partners under the BIOPAMA programme (RCMRD, IUCN and EU-JRC) and ESRI, Jasmin Upton attended a data training conference that was hosted by the Regional Resource Hub (RRH) in South Africa. A total of 23 out of the 24 countries in Eastern and Southern Africa were represented, including 34 government Ministries and Agencies from 22 countries. This was an amazing opportunity to strengthen relationships with the broad range of stakeholders and increasing their understanding and capacity for collectively reporting towards Target 3 of the [Kunming-Montreal Global Biodiversity Framework](#).



Point of Contact
Emily Howland


3.1 IBAT



Updates

Since the beginning of the year, IBAT has added a range of platform improvements, highlights consisting of:

- A new tutorial explaining how to use Portfolios in IBAT. Available alongside a range of other tutorials on [IBAT Resources](#).
- The ability for users to be **deleted** on IBAT by account administrators. In the process of deletion, an outgoing users' reports, projects and GIS data can be retained by the admin migrating them to another user's account in the subscription.
- A new column in the IUCN Red List csv file for IBAT Reports listing the restricted range species.
- A new column in the IUCN Red List csv file linking to species fact sheets on the IUCN Website - useful for a range of contextual information.
- Improvements to IBAT spatial-file upload functionality to provide more intuitive error messages for csv uploads and for extremely complicated files (those with >7000 vertices).

 Access [IBAT](#)

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Point of Contact
Edward Ellis

3.2 IBAT




Update to the IUCN Red List at the end of 2022:

- The total number of species assessed on the IUCN Red List is now 150,388. More than a quarter (42,100) are threatened with extinction. Of the >3,000 additions in this recent update, 700 are threatened with extinction.
- The new update includes 1,104 new tree species assessments. These new Red List tree assessments all contribute to [Botanic Gardens Conservation International](#)'s initiative: the [Global Tree Assessment](#) – assessing the conservation status of all the world's tree species. As of today, the number of tree assessments available on the IUCN Red List is 38,256.

Update to World Database of Key Biodiversity Areas:

- The total number of KBAs is now 16,337.
- This update includes seven reassessments, adding new triggers to existing sites (Ghana and Australia), one new KBA (Canada), one delisted KBA (Australia), two legacy KBAs superseded by one new KBA (Australia), three KBAs reinstated due to re-evaluation of their identification date (Netherlands and Canary Current off Morocco) and 24 boundary corrections without reassessment (India and Ghana).
- 10 assessments for UAE will be included in the next update. We are expecting a significant update for South Africa in the next couple of months and more large datasets from the Tropical Andes and Congo Basin later in the year.

 Access [IBAT](#)

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Point of Contact
Edward Ellis

3.3 IBAT



IBAT Country Profiles

- Annual updates were issued to the [IBAT Country Profiles](#).
- IBAT Country Profiles allow users to view summaries of information at the national/territorial level. The profiles provide access to pre-packaged data and statistics developed from the core datasets available in IBAT.

New KBA MoU

- A new MOU between the KBA Partnership and [Planet](#) to help monitor changes at KBAs through remote sensing data.

New RepRisk Case Study

- A new RepRisk Geospatial Analytics Case Study released for [Oleoducto de Crudos Pesados \(OCP\)](#) in Ecuador.



Point of Contact
Edward Ellis

4 Marine


Data improvements

Integration of marine migratory species data

- Discussions are in progress with the Convention on Migratory Species Energy Task Force for UNEP-WCMC to become an Observer. Joining this network should extend the reach of Ocean+ and the Proteus funded marine renewables project as well as access to other marine migratory species data sources.

Ocean+ platform data review

- The data and resources hosted on all the Ocean+ platforms has undergone a thorough and systematic review to ensure that this product continues to host and disseminate decision-grade data, in a format that is relevant and easily accessible to decision-makers.
- The outcome of this review will be used to update Ocean+ to ensure that it can fulfil its strategic objectives.

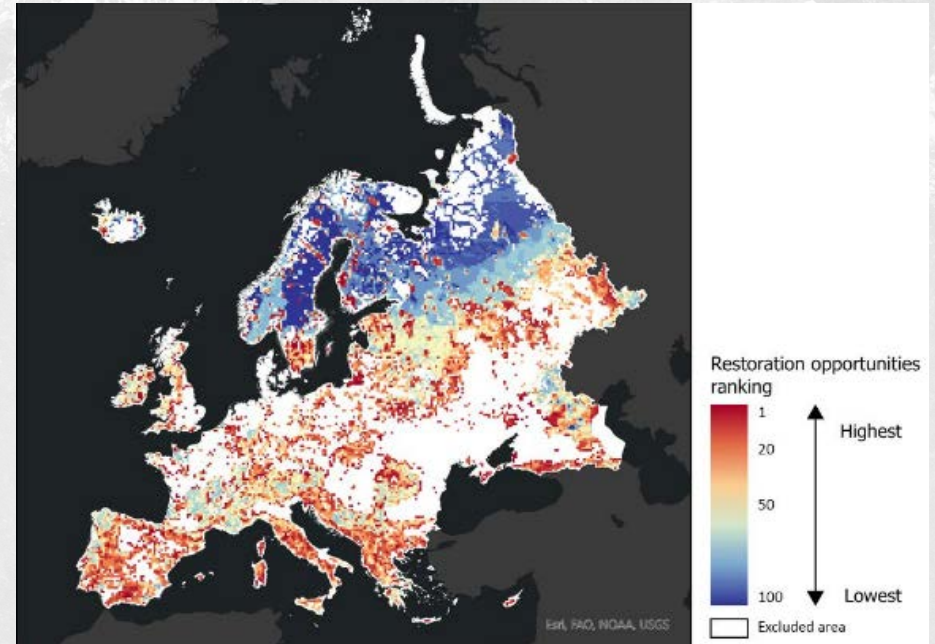
 Access [Ocean+ Habitats](#)



5 Ecosystem Restoration

Restoration opportunities spatial layer for Europe

- Based on the feedback received at the December 2022 Proteus Data Forum, the restoration opportunities layer for Europe was finalised.
- UNEP-WCMC has developed the restoration opportunities layer to allow companies to screen for opportunities to deliver multiple benefits through ecosystem restoration across Europe.
- The layer is intended to be used alongside other data as part of screening and scoping exercises and should be validated on-ground as appropriate.
- We have also started exploring creating a similar layer for North America in 2023 and are working to refine the methodology that was developed last year.



 Access the [restoration opportunities layer](#)

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Point of Contact
Anushree Bhattacharjee

6.1 Resources

Land Use Finance Impact Hub - Overview of the KPI Directory

The [Land Use Finance Impact Hub](#) has developed an overview of the KPI directory for Proteus Partners.

The overview highlights the background and context of the Impact Hub as well as the applicability of the Impact Hub to Proteus Partners.

The brief also contains:

- a case study how Impact Funds are using the [Positive Impact Indicators Directory](#)
- an illustrative example on how Proteus Partners can use the [Positive Impact Indicators Directory](#).

The Land Use Finance Impact Hub provides guidance and tools to strengthen environmental and social frameworks for sustainable land use investing.



The Land Use Finance Impact Hub Home of the Positive Impact Indicator Directory

Developed by UNEP and UNEP-WCMC, and co-funded by the Proteus Partnership, the [Land Use Finance Impact Hub](#) provides guidance and tools to strengthen environmental and social frameworks for sustainable land use investing.

Background and Context

The Land Use Finance Impact Hub is a resource developed with and predominantly for impact funds and other financial institutions with the aim to shift private capital flows towards sustainable land-use practices. Developed by UNEP and UNEP-WCMC, with funding from the Proteus Partnership and UNEP, the Impact Hub aims to ensure that funds directed to land use finance are spent efficiently, any potential risks are curtailed, and impacts are monitored and reported against. The tools on the Impact Hub are relevant to Proteus Partners looking to better manage and measure their positive impact on their landholdings.

The main tool in the Hub is the [Positive Impact Indicators Directory](#), a harmonised shortlist of KPIs designed to encompass key aspects of sustainable land use impact management. Developed in consultation with the Environmental & Social Knowledge Exchange Network¹ - including public donors, impact fund managers and technical monitoring specialists - the Directory is designed to support decision-making within financial institutions and other organisations that are managing land. It helps users to identify and measure against suitable indicators to track how investments generate positive environmental and social impacts. Users can be [guided through](#) which indicators are most appropriate to their projects and capabilities, or [view the full list](#) of indicators and filter them by impact area and related SDGs.

The Land Use Finance Impact Hub also boasts a variety of other resources. Written briefs created by the team are found on the [Info Brief page](#), including written webinar summaries, and write-ups of our yearly Knowledge Exchange Events. [Recordings](#) of webinars run by the Land Use Finance Programme are also available, and, there is a curated list of external

¹ The Environmental and Social Knowledge Exchange Network (ESKEN) is a Community of Practice for those involved in the environmental and social aspects of sustainable land use, run by UNEP and UNEP-WCMC.

 Access the [overview of the KPI directory](#)



6.2 Resources

Horizon Scan Webinar – Proteus Horizon Scan on outcomes from CBD COP15

The historic Kunming-Montreal Global Biodiversity Framework was agreed at COP15 as part of a wider package of decisions. This webinar explored some of the implications for Proteus Partners going forward.

- The whole framework is relevant and has potential to shape and influence business practice over the coming years.
- As countries start to implement the framework through National Biodiversity Strategies and Action Plans (NBSAPs), businesses will need to be aware of emerging regulatory requirements.
- Companies can start to plan and identify appropriate actions to address their impacts on nature across operations and supply chains while making a positive contribution to global goals and NBSAPs.

 Access [the recording and slides](#)

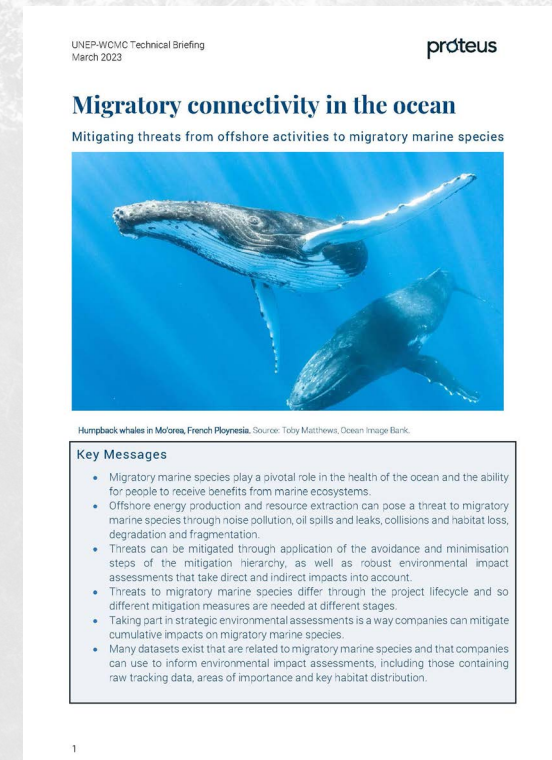


6.3 Resources

Technical Brief – Migratory connectivity in the ocean

Migratory marine species are vital for the health of the ocean and for people to receive benefits from marine ecosystems. This brief explores how offshore energy production and resource extraction can pose threats to migratory species and how to mitigate these.

- Offshore projects can impact migratory marine species through noise pollution, oil spills, collision, habitat loss, degradation and fragmentation. Threats can be mitigated through application of the avoidance and minimisation steps of the mitigation hierarchy, as well as robust EIAs that account for direct and indirect impacts.
- Threats to migratory marine species differ through the project life cycle hence different mitigation measures needed at different stages. Taking part in SEAs is a way to mitigate cumulative impacts on migratory marine species.
- Many datasets exist that are related to migratory marine species and that companies can use to inform environmental impact assessments, including those containing raw tracking data, areas of importance and key habitat distribution.



 Access the [technical brief](#)

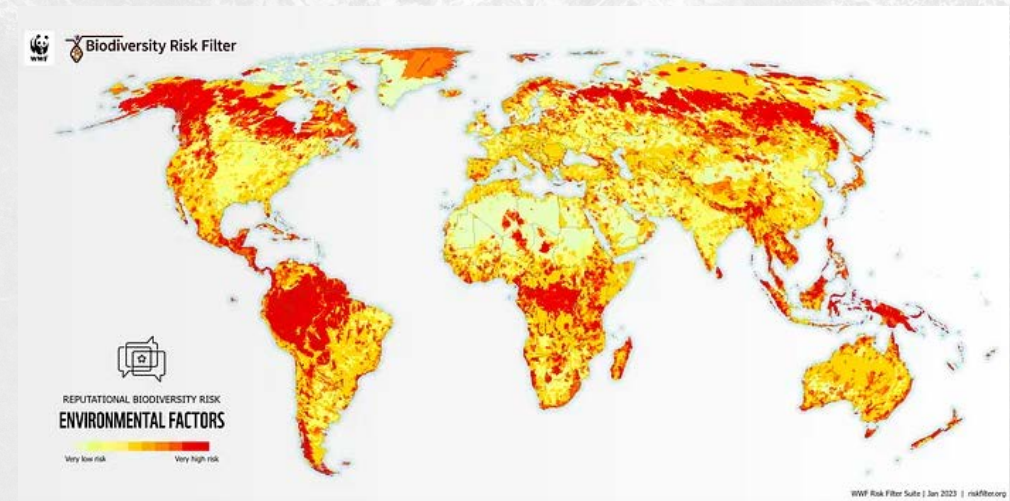


6.4 Resources

WWF Biodiversity Risk Filter

WWF launched the Biodiversity Risk Filter as a web-based tool to help companies assess and respond to biodiversity-related risks.

- The Biodiversity Risk Filter draws on data and tools supported by Proteus, including ENCORE, the World Database on Protected Areas, and the World Database of Key Biodiversity Areas.
- It combines information about sector impacts and dependencies on nature with spatial data linked to indicators of biodiversity risk at a watershed scale, to allow high-level screening and prioritisation of biodiversity-related risks at corporate and portfolio levels.



 Access the [Biodiversity Risk Filter](#)



Point of Contact
Alfred Muge

7 Publications

- **Synthesis Report of the IPCC Sixth Assessment Report**
Intergovernmental Panel on Climate Change (2023) – [Available here](#)
- **Nature Risk Profile: A methodology for profiling nature related dependencies and impacts**
United Nations Environment Programme (2023) – [Available here](#)
- **Global Risks Report 2023: 18th Edition**
World Economic Forum (2023) – [Available here](#)
- **The TNFD Nature-related Risk and Opportunity Management and Disclosure Framework Final Draft – Beta v0.4**
Taskforce on Nature-related Financial Disclosures (2023) – [Available here](#)
- **Valuing Nature: The Case for Nature-Related Assessment & Disclosure**
Capitals Coalition and SustainAbility Institute by ERM (2023) – [Available here](#)

8 Events

Proteus Partner Events

10 May 2023 Horizon Scan Webinar on TNFD

13 - 14 June 2023 Proteus Annual Meeting

Q2 2023 Data Forum on status and trends in data sources and digital technologies to support action on nature and climate

Q3 2023 Data Forum on Updated Critical Habitat Layer

External Events

28 Aug 2023 10th session of the Plenary of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES 10)

7 - 8 Sept 2023 Global Intergovernmental Meeting on Minerals and Metals

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