

NLBIF dag 2024

Niels Raes

9 April 2024



BLUESCITY

Lineair

Resource



Waste

Circulair



Blauw



De natuur is de grote inspiratiebron van de **blauwe economie**. In natuurlijke ecosystemen is alles immers voldoende en overvloedig aanwezig. Er worden **vier belangrijke lessen uit de natuur gehaald** die de basis vormen van de blauwe economie.

Les 1: ken en respecteer je grenzen.

Les 2: afval bestaat niet.

Les 3: omarm diversiteit en samenwerking.

Les 4: gebruik wat er lokaal voorhanden is.



Programma I

9:30 – 10:00 **Inloop, ontvangst & koffie**

10:00 – 10:10 **Welkomstwoord** door Niels Raes, NLBIF node manager

10:10 – 11:00 **Update GBIF, NLBIF en opening NLBIF-call**, door Niels Raes

11:00 – 11:30 Korte pauze, met koffie & thee

11:30 – 12:30 **Hoe vertaal je data naar beleid?** – Presentaties

- **PBES NL**, door Sanne Kruid (LNV) en Koos Biesmeijer

(Naturalis)

- **DuGOF** (Dutch Georgian Ornithological Foundation), door Gernant Magnin en Irakli Shavgulidze (Chairman NACRES)

- **RIVM**, door Ton Schouten

12:30 – 13:30 Lunch



Programma II

13:30 – 14:30 **Workshop: kwetsbare soortgegevens & GBIF**,
door Jeroen Creuwels data-manager NLBIF

15:00 – 16.00 **Inzoomen op soorten** – Presentaties

- **Library of Identification Resources**, door Lars Willighagen

- **3rd Prize GBIF Ebbe Nielsen Challenge**

- **De Atlas voor Nederlandse Slankpootvliegen**, door Marc Pollet

- **Blauwtipje: de database voor zeenaaktslakken**, door Peter Bragt en Victor Heike

16:00 – 16.15 Afsluitende woorden

16:15 **Borrel**



Update GBIF

GBIF's Governing Board 30 was organized in Canberra, Australia – 15-20 October 2023



*GB30 group photo,
National Portrait Gallery, Canberra, Australia.
Photo by Nathan Dukes.*

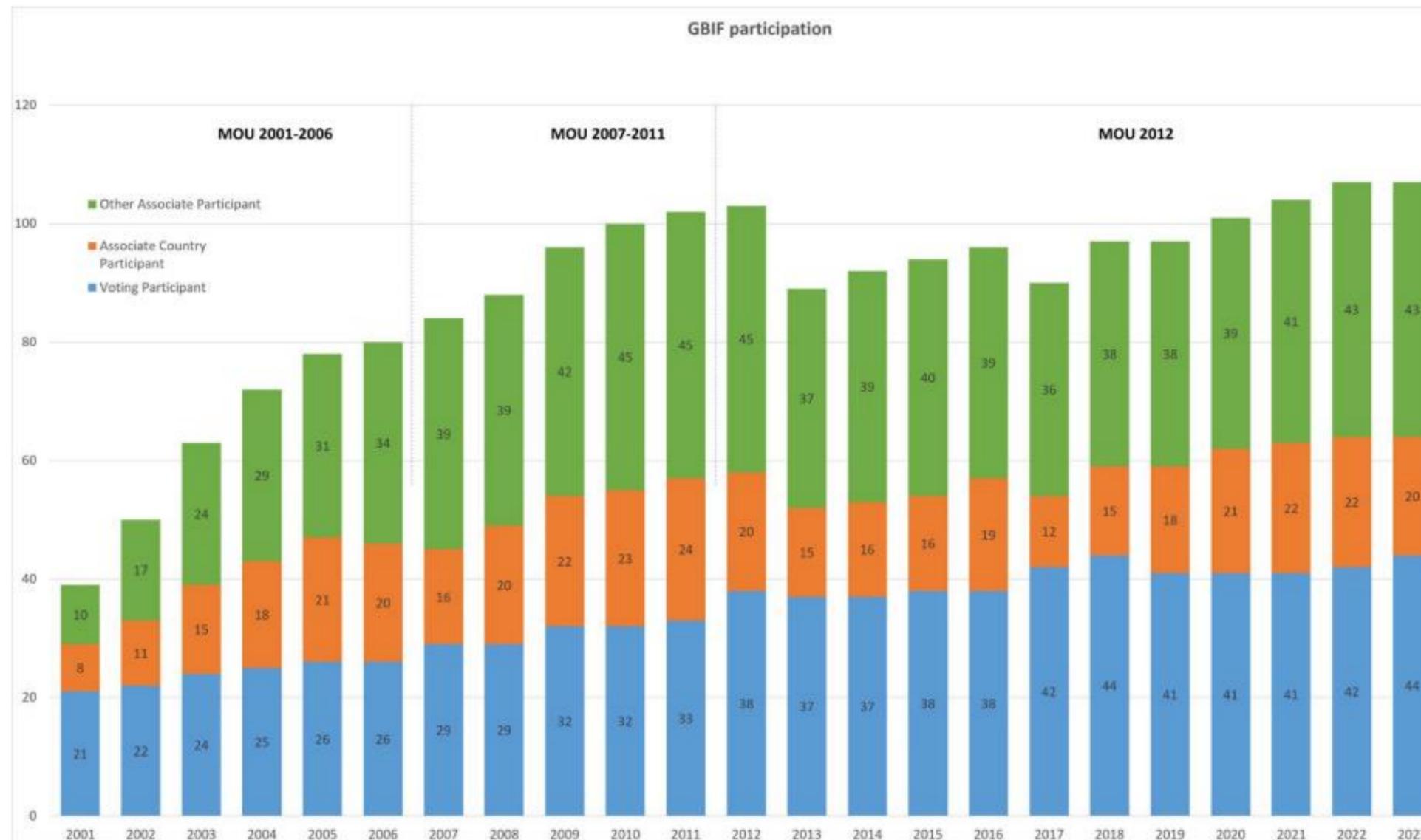


*GB30 'virtual group photo'.
Compiled by Daniel Noesgaard.*



Update GBIF

GBIF's Governing Board 30 was organized in Canberra, Australia

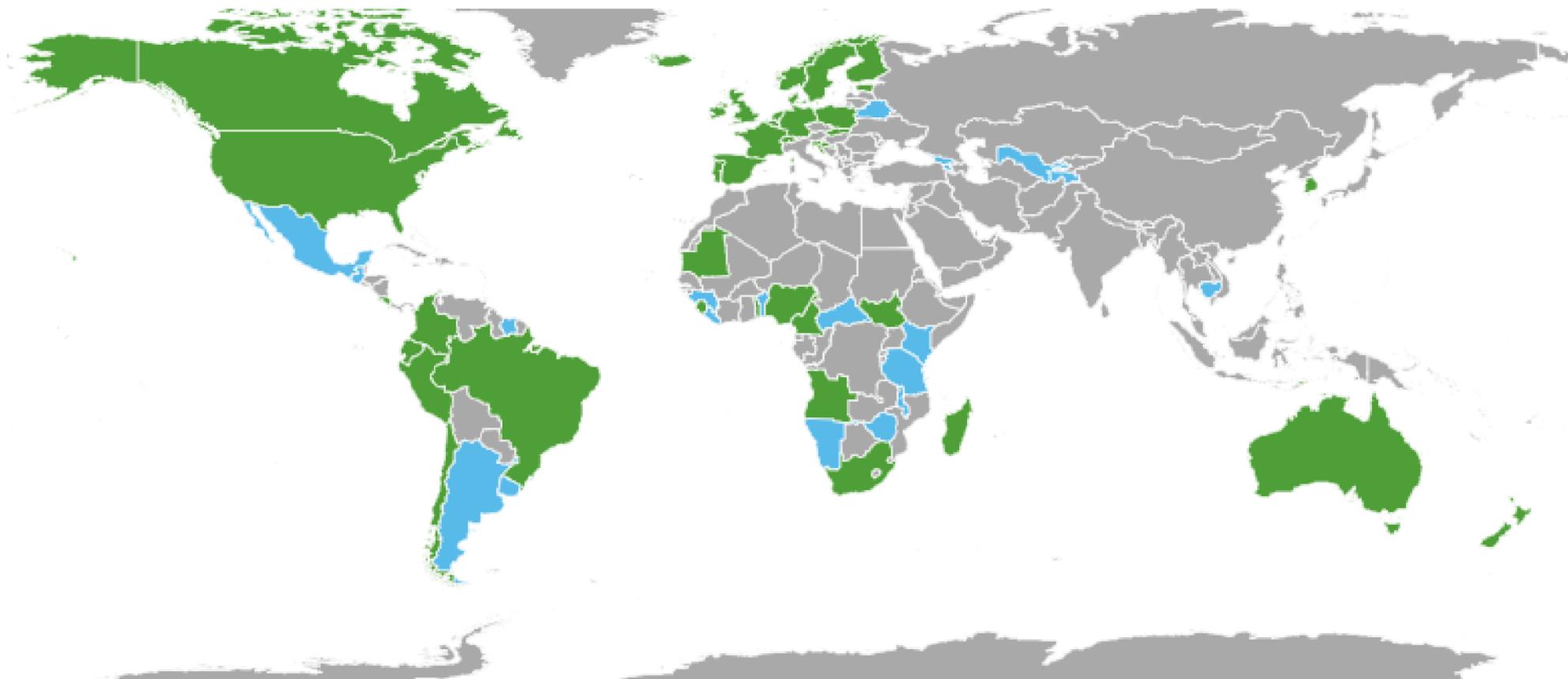


- Kroatie is toegetreden als Voting participant.
- UK, Nigeria, Ecuador en Zuid Soedan van Associate naar Voting participant.
- Georgie is toegetreden als Associate country participant.
- Liberia van Voting naar Associate.
- Vietnam is geen lid meer.



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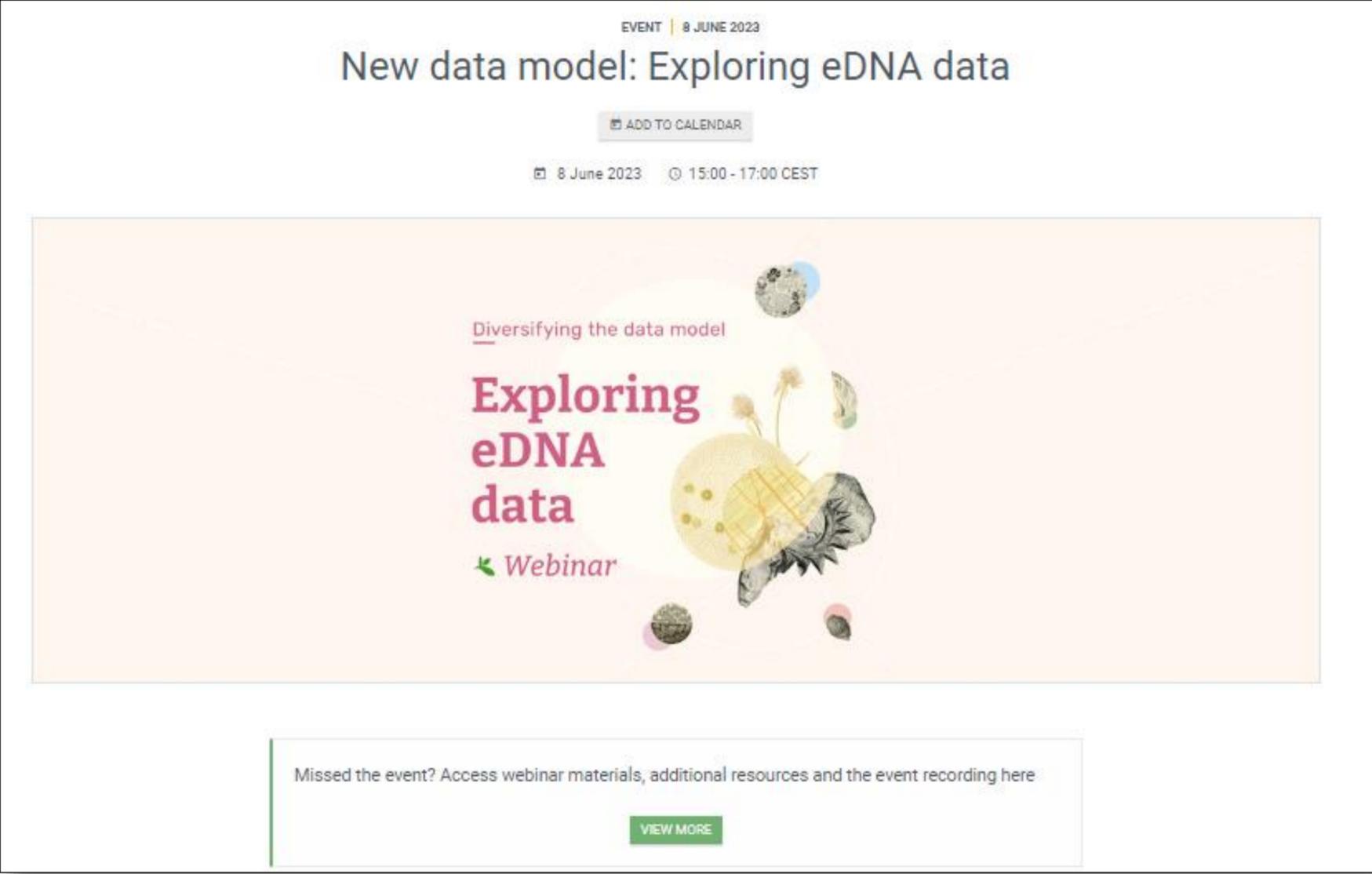


Update GBIF

Highlights uit het werkprogramma 2023

Priority Area 1: Science & Research

- eDNA data mobilisatie



The screenshot shows a GBIF event page for "New data model: Exploring eDNA data". At the top, it indicates the event is on 8 June 2023. Below the title, there is an "ADD TO CALENDAR" button and the event details: "8 June 2023" and "15:00 - 17:00 CEST". The main content area features a graphic with the text "Diversifying the data model", "Exploring eDNA data", and "Webinar". The graphic includes illustrations of a globe, a plant, and a data grid. At the bottom, there is a box with the text "Missed the event? Access webinar materials, additional resources and the event recording here" and a "VIEW MORE" button.



Update GBIF

Highlights uit het werkprogramma 2023

Priority Area 1: Science & Research

- eDNA data mobilisatie
- Lancering Invasive Alien Species task group – Target 6 GBF



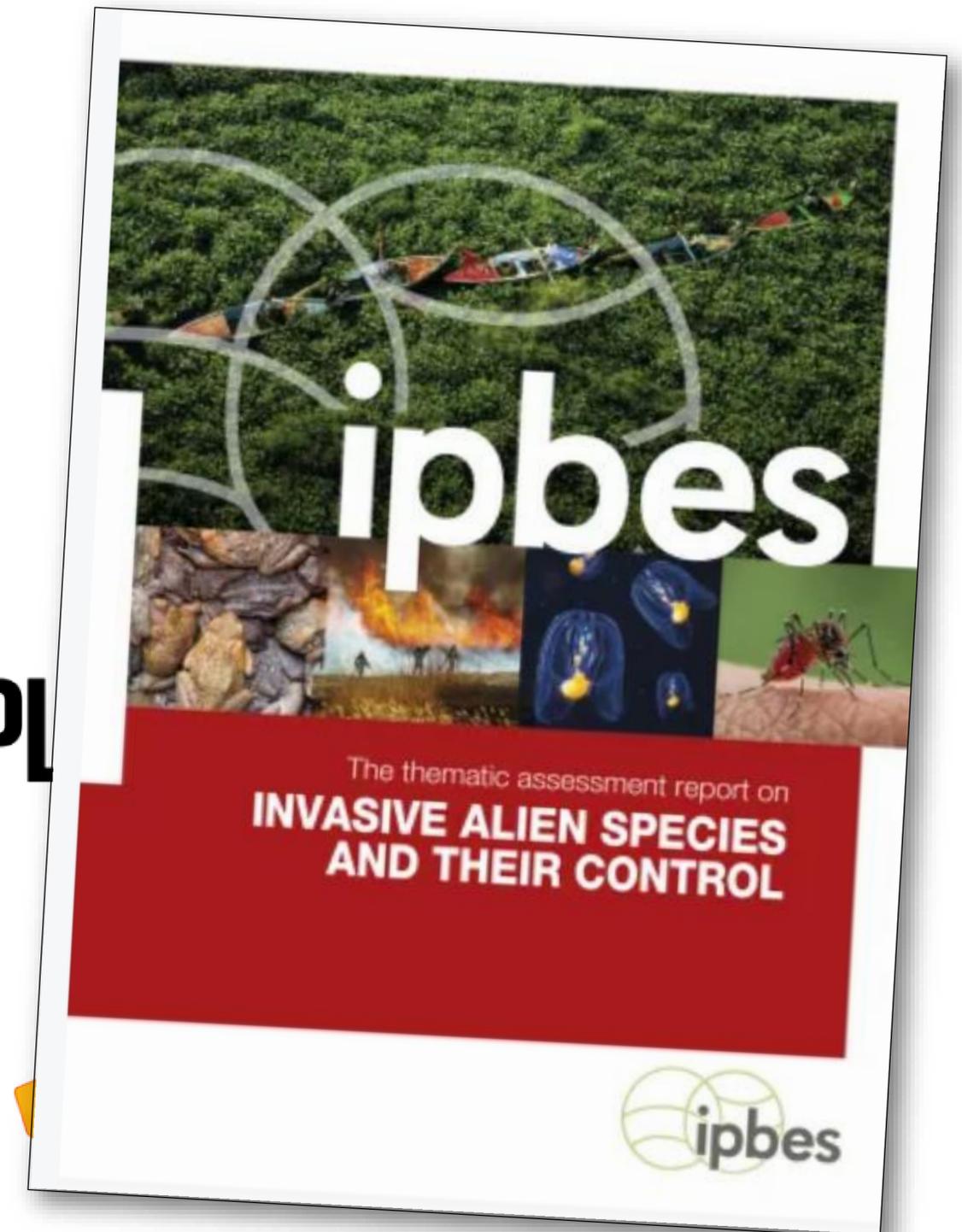
THE BIODIVERSITY PLAN For Life on Earth

[GBF HOME](#) // TARGET 6

Target 6

Reduce the Introduction of Invasive Alien Species by 50% and Minimize Their Impact

Eliminate, minimize, reduce and or mitigate the impacts of invasive alien species on biodiversity and ecosystem services by identifying and managing pathways of the introduction of alien species, preventing the introduction and establishment of priority invasive alien species, reducing the rates of introduction and establishment of other known or potential invasive alien species by at least 50 per cent, by 2030, eradicating or controlling invasive alien species especially in priority sites, such as islands.



Update GBIF

Highlights uit het werkprogramma 2023

Priority Area 1: Science & Research

- eDNA data mobilisatie
- Lancering Invasive Alien Species task group – Target 6 GBF
- Mobilization and use of biodiversity data for research and policy on human diseases

Priority Area 2: Policy and Partnerships

- GBIF was at COP 15
- Goal: Make best use of GBIF in the developing indicators for the GBF targets
- GBF targets 20 and 21 are core GBIF business



Update GBIF



THE BIODIVERSITY PLAN

For Life on Earth

[GBF HOME](#) // [TARGET 20](#)

Target 20

Strengthen Capacity-Building, Technology Transfer, and Scientific and Technical Cooperation for Biodiversity

Strengthen capacity-building and development, access to and transfer of technology, and promote development of and access to innovation and technical and scientific cooperation, including through South-South, North-South and triangular cooperation, to meet the needs for effective implementation, particularly in developing countries, fostering joint technology development and joint scientific research programmes for the conservation and sustainable use of biodiversity and strengthening scientific research and monitoring capacities, commensurate with the ambition of the goals and targets of the framework.



Update GBIF



THE BIODIVERSITY PLAN

For Life on Earth

[GBF HOME](#) // TARGET 21

Target 21

Ensure That Knowledge Is Available and Accessible To Guide Biodiversity Action

Ensure that the best available data, information and knowledge, are accessible to decision makers, practitioners and the public to guide effective and equitable governance, integrated and participatory management of biodiversity, and to strengthen communication, awareness-raising, education, monitoring, research and knowledge management and, also in this context, traditional knowledge, innovations, practices and technologies of indigenous peoples and local communities should only be accessed with their free, prior and informed consent[1], in accordance with national legislation.



Update GBIF

Highlights uit het werkprogramma 2023

Priority Area 1: Science & Research

- eDNA data mobilisatie
- Lancering Invasive Alien Species task group – Target 6 GBF
- Mobilization and use of biodiversity data for research and policy on human diseases

Priority Area 2: Policy and Partnerships

- GBIF was at COP 15
- Goal: Make best use of GBIF in the developing indicators for the GBF targets
- GBF targets 20 and 21 are core GBIF business
- CBD and member countries recognize GBIF's relevance.

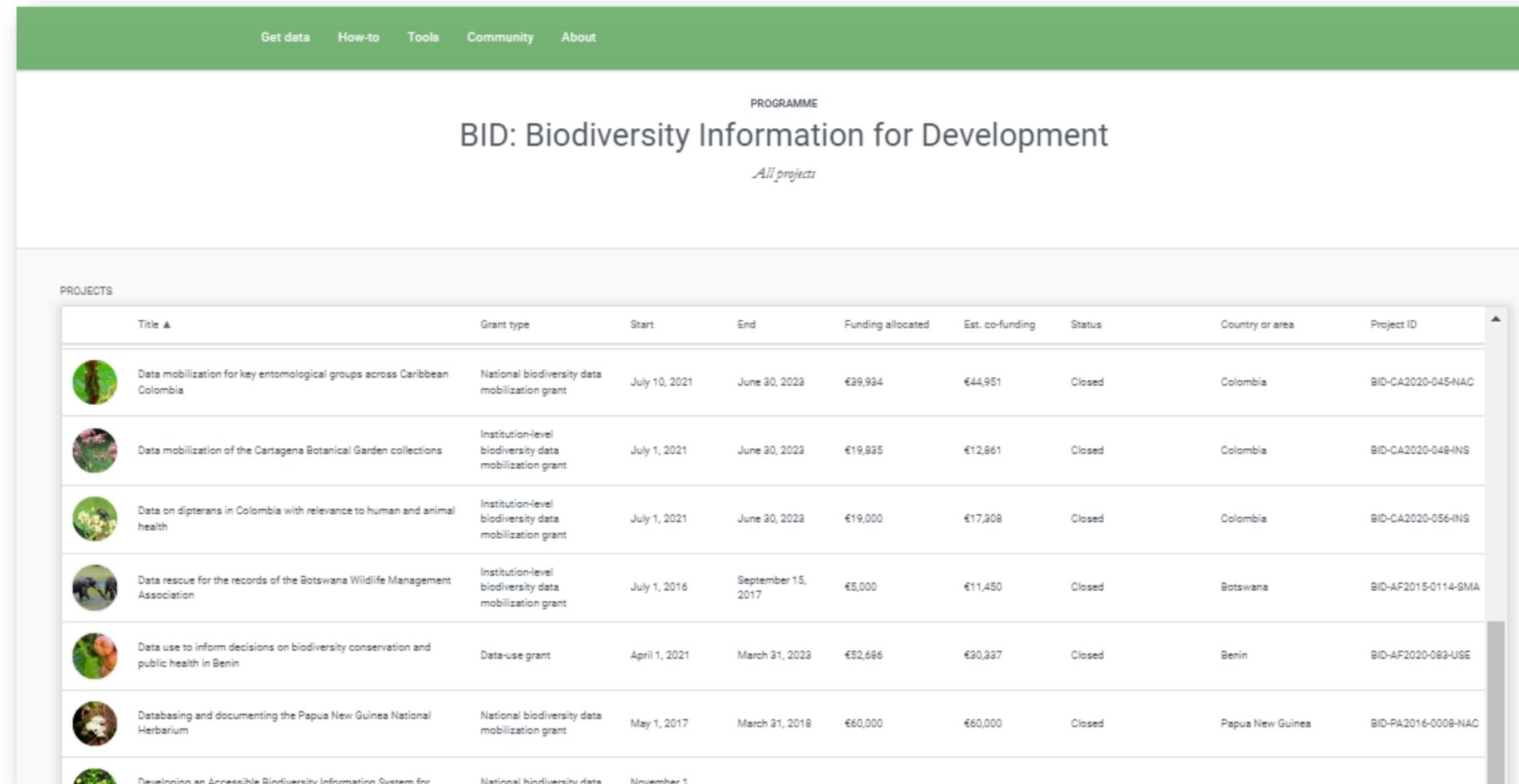


Update GBIF

Highlights uit het werkprogramma 2023

Priority Area 3: Community and Capacity

- Negotiations with Directorate-General for International Partnerships (INTPA) of the European Union ongoing regarding a new Biodiversity Information for Development (BID) programme.



Title ▲	Grant type	Start	End	Funding allocated	Est. co-funding	Status	Country or area	Project ID
 Data mobilization for key entomological groups across Caribbean Colombia	National biodiversity data mobilization grant	July 10, 2021	June 30, 2023	€39,934	€44,951	Closed	Colombia	BID-CA2020-045-NAC
 Data mobilization of the Cartagena Botanical Garden collections	Institution-level biodiversity data mobilization grant	July 1, 2021	June 30, 2023	€19,835	€12,861	Closed	Colombia	BID-CA2020-048-INS
 Data on dipterans in Colombia with relevance to human and animal health	Institution-level biodiversity data mobilization grant	July 1, 2021	June 30, 2023	€19,000	€17,308	Closed	Colombia	BID-CA2020-056-INS
 Data rescue for the records of the Botswana Wildlife Management Association	Institution-level biodiversity data mobilization grant	July 1, 2016	September 15, 2017	€5,000	€11,450	Closed	Botswana	BID-AF2015-0114-SMA
 Data use to inform decisions on biodiversity conservation and public health in Benin	Data-use grant	April 1, 2021	March 31, 2023	€52,686	€20,327	Closed	Benin	BID-AF2020-083-USE
 Databasing and documenting the Papua New Guinea National Herbarium	National biodiversity data mobilization grant	May 1, 2017	March 31, 2018	€60,000	€60,000	Closed	Papua New Guinea	BID-PA2016-0008-NAC
 Developing an Accessible Biodiversity Information System for	National biodiversity data	November 1,						



Update GBIF

Highlights uit het werkprogramma 2023

Priority Area 3: Community and Capacity

- Negotiations with Directorate-General for International Partnerships (INTPA) of the European Union ongoing regarding a new Biodiversity Information for Development (BID) programme.
- New training materials developed and updated



Serge Roberteau Tchoffo (BIOPAMA, left) and Elias Bizuru (National University of Rwanda, right) at the BID African regional meeting and nodes training, 8 Sept 2019, Yaounde, Cameroon. Photo by Mélanie Raymond | GBIF, licensed under CC BY 4.0.



Update GBIF

GBIF curricula

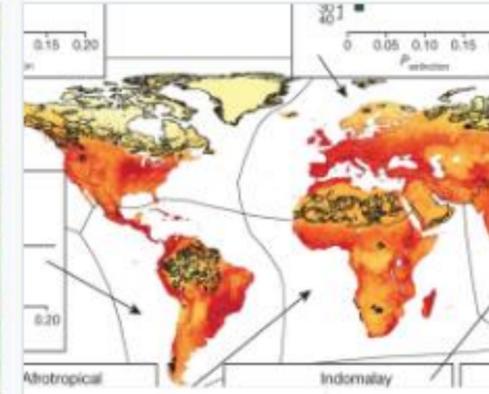
The GBIF Secretariat, in collaboration with our [community of trainers and mentors](#), develops curricula on biodiversity data mobilization and use. These courses are available online for self-paced use or can be adapted for onsite or virtual workshops.



Introduction to GBIF



Biodiversity Data Mobilization



Biodiversity Data Use



Accelerating biodiversity research through DNA barcodes, collection and observation data



Formal engagement and establishing Participant nodes



Update GBIF

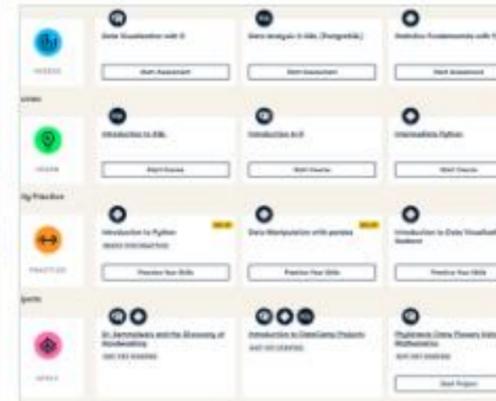
GBIF Data Use Club

The [GBIF Data Use Club](#) is a programme intended to support the use of GBIF-mediated data globally through seminars featuring skilled data users, online training resources, and building capacity in data literacy skills via free licenses offered in collaboration with DataCamp through the [DataCamp Donates](#) programme.



GBIF Data Use Club

Find out the latest information on training webinars and knowledge exchange hubs



Get a free DataCamp licence

Complete this registration form to apply for a free DataCamp licence



Community forum

Join the conversation and get answers to data use related questions



Update GBIF

GBIF Digital documentation

GBIF produces digital-first technical documentation on a range of topics relating to biodiversity informatics and open biodiversity data to support the community of practice. Text and other content are maintained in open GBIF GitHub repositories and published into HTML and PDF formats using an open-source publishing toolchain called AsciiDoctor. Support for translations is integrated via Crowdin, which provides a free non-commercial licence that supports the efforts of GBIF's volunteer translator community.



Establishing an Effective GBIF Participant Node: Concepts and general considerations



Generalizing Sensitive Species Occurrence Data



Georeferencing Best Practices



Georeferencing Calculator Manual



Georeferencing Quick Reference Guide



Guía para la limpieza de datos sobre biodiversidad con OpenRefine



Guidance for private companies to become data publishers through GBIF



Publishing Biodiversity Data from Environmental Impact Assessments

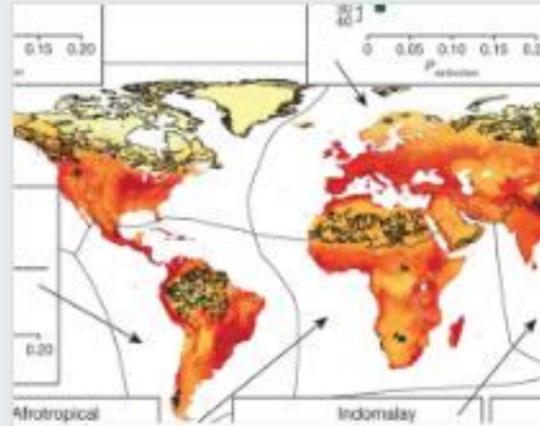


Publishing DNA-derived data through biodiversity data platforms



Update GBIF

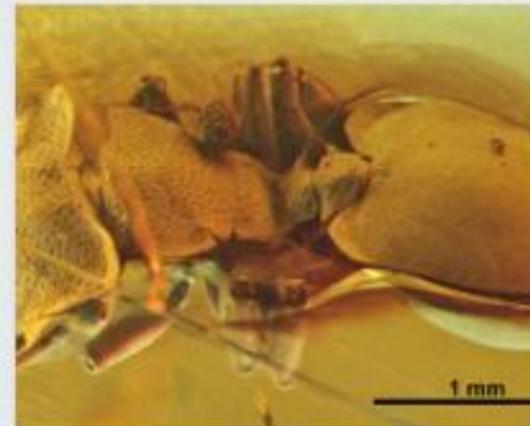
Additional documentation



Quick guide to publishing
data through GBIF.org



IPT User Manual



All you need to know about
GRSciColl



GBIF data blog



Update GBIF

Community resources

GBIF participants produce a wealth of resources to support the community of practice. This section will highlight guiding examples and CESP projects that focus on reusable training and documentation.



Training through e-learning: a guiding example from GBIF Spain



ecoEd: cohesive training and skill development for ecosciences



Promoting GBIF data use through a graduate degree programme in Biodiversity Informatics



Search for community courses, virtual events and workshops



Extending knowledge on biodiversity data quality and publication in the Spanish-speaking community



OpenPSD - Engage and promote the private sector in open biodiversity data publication



Georeferencing training: tackling the spatial challenge in the Southern Cone



Workshops on usage of the Atlas of Living Australia (ALA) and GBIF.org data portals



Update GBIF

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Priority Area 3: Community and Capacity

- Negotiations with Directorate-General for International Partnerships (INTPA) of the European Union ongoing regarding a new Biodiversity Information for Development (BID) programme.
- New training materials developed and updated
- GBIF Asia Summit was organized in Thailand
- Planning of a summit in Jordan for Arabic speaking countries

Priority Area 4: Infrastructure and data products

- New Kubernetes infrastructure
- Regular updates of GBIF R and Python libraries
- Integration of GRSciColl and Hosted Portals



gbif/pygbif

GBIF Python client



Update GBIF

DISSCO UK About UK Specimens UK Institutions News Resources FAQs

Institutions

Text search Code Country or area Number of specimens Specimens in GBIF more

290 results Download as TSV 248 results with coordinates

Title	Code	Country or area	City/town	Collections	Number of specimens	Specimens in GBIF
Natural History Museum, London	NHMUK	United Kingdom	South Kensington	1	80,000,000	5,485,525
National Museums Scotland	NMS	United Kingdom	Edinburgh		10,000,000	1,627
Royal Botanic Gardens, Kew	K	United Kingdom	Kew	2	7,000,000	1,592,217
Oxford University Museum of Natural History	OUMNH	United Kingdom	Oxford		6,036,500	3,880
Royal Botanic Garden Edinburgh	RBGE	United Kingdom	Edinburgh	9	3,000,000	1,509,314
World Museum, National Museums Liverpool	NML	United Kingdom	Liverpool	3	2,000,000	16,369
University Museum of Zoology, Cambridge	UMZC	United Kingdom	Cambridge		2,000,000	66,012
Bristol Museum & Art Gallery	BRSMG	United Kingdom	Bristol	2	1,297,600	25
Norfolk Museums Service	NMS	United Kingdom	Norwich	1	1,275,000	60
Cambridge University Herbarium	CGE	United Kingdom	Cambridge	1	1,100,000	667
Sedgwick Museum of Earth Sciences	CAMSM	United Kingdom	Cambridge		1,093,800	1
University of Manchester	MANCH	United Kingdom	Manchester	3	1,000,000	
The Hunterian, University of Glasgow	GLAHM	United Kingdom	Glasgow		981,600	5
Royal Pavilion and Museums Trust	BTNRP	United Kingdom	East Sussex	1	952,500	2
Leeds Museums and Galleries	LES	United Kingdom	Leeds	2	800,000	2,170
Glasgow Museums, Glasgow Life	GLAM	United Kingdom	Glasgow	11	600,000	16

<https://dissco-uk.org/institution/search>



Global push to put natural history collections online gets major U.K. boost

London's Natural History Museum gets nearly \$200 million to digitize many millions of specimens, while U.S. scientists look on with envy

2 APR 2024 · 12:20 PM ET · BY ELIZABETH PENNISI



A robotic scanner is helping the Natural History Museum in London digitize its vast insect collection. TRUSTEES OF THE NHM LONDON



Update GBIF

Highlights uit het werkprogramma 2023

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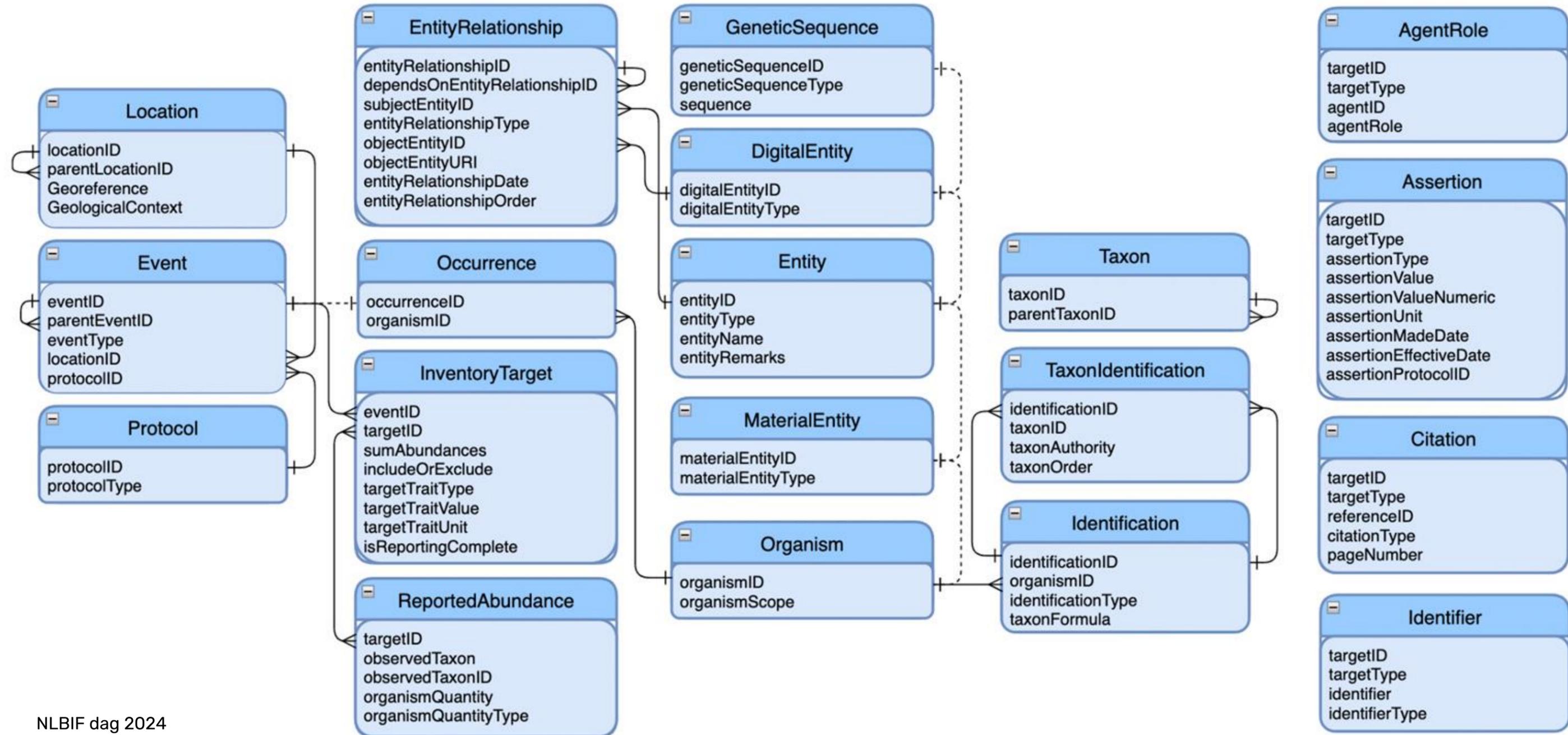
Priority Area 4: Infrastructure and data products

- New Kubernetes infrastructure
- Regular updates of GBIF R and Python libraries
- Integration of GRSciColl and Hosted Portals
- Further develop the new data model



Update GBIF

GBIF Unified Model



GBIF in numbers

Datasets ●
91,826

Hosted portals ●
19

Country
Participants ●
62

Peer-review papers
using data ●
9,923

Organizational
Participants ●
43

Average records
downloaded per month (2023)
173.8 billion
5.8 billion p/d

Publishers ●
2,170

Species
occurrence records ●
2,627,518,860



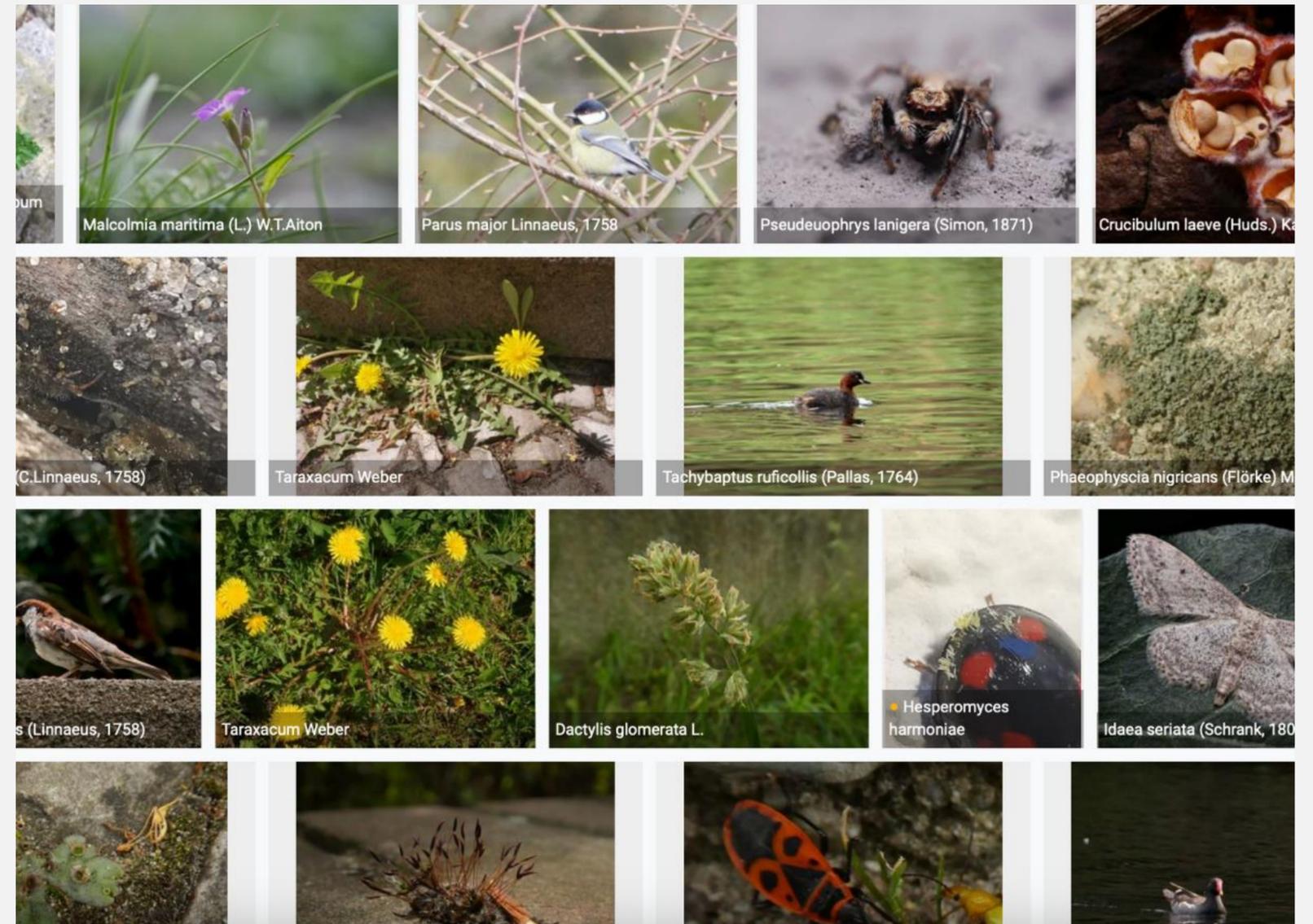
Species occurrence records with multimedia evidence: 2023

166.4 million records with taxonomically identified images

- 104.8 million human observations
- 56.7 million specimens
- 2.8 million material samples
- 1.4 million fossil specimens

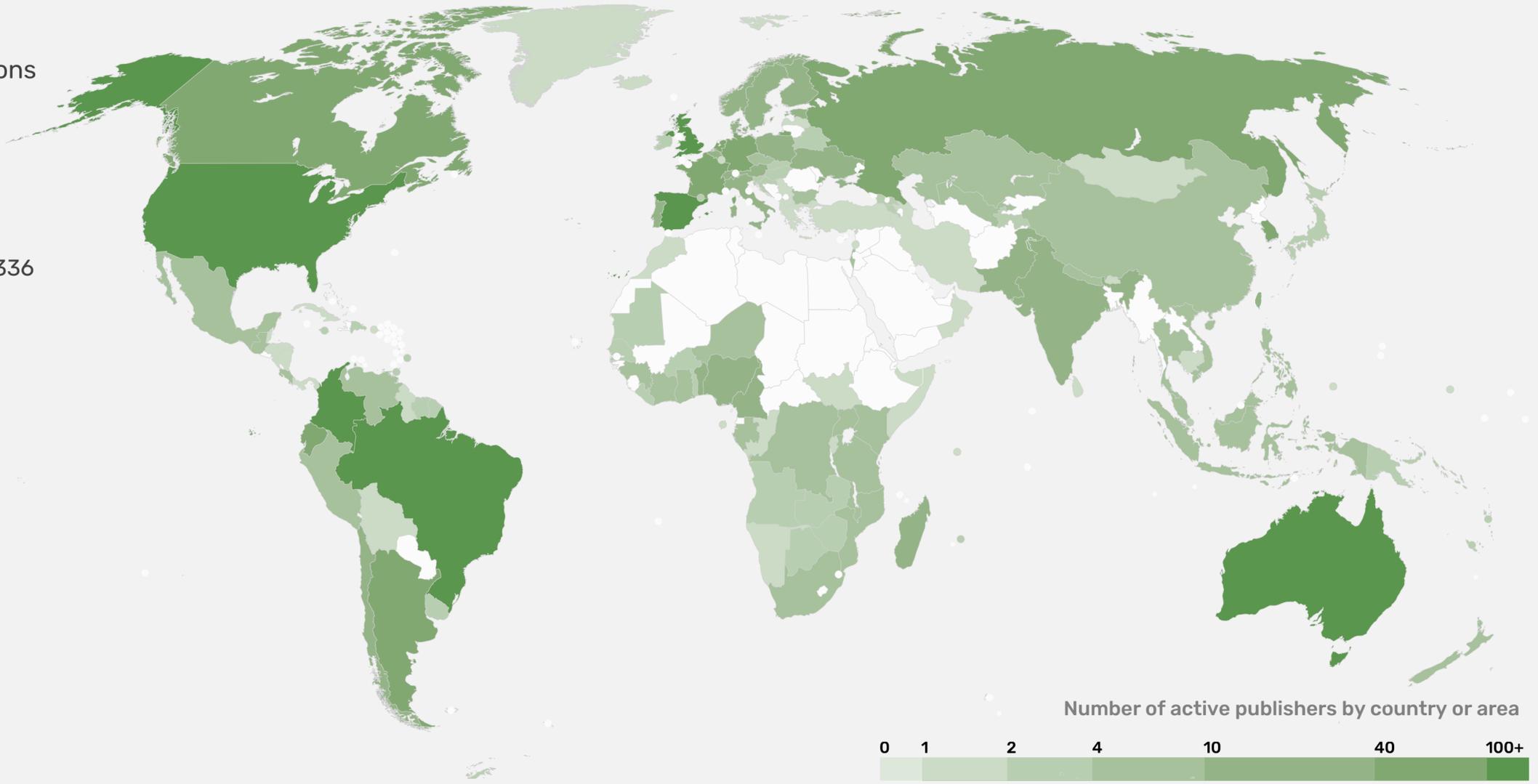
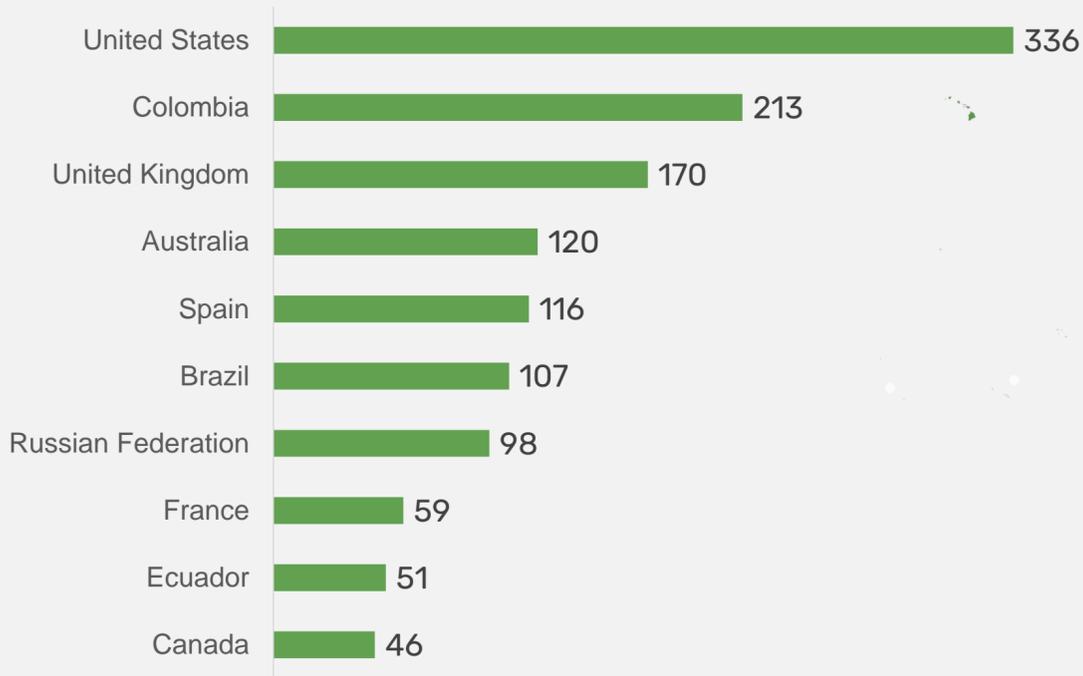
1,281,667 audio files

8,195 videos



GBIF network of data publishing institutions

142 countries/areas with institutions sharing data through GBIF



GBIF.org traffic by country: 2023

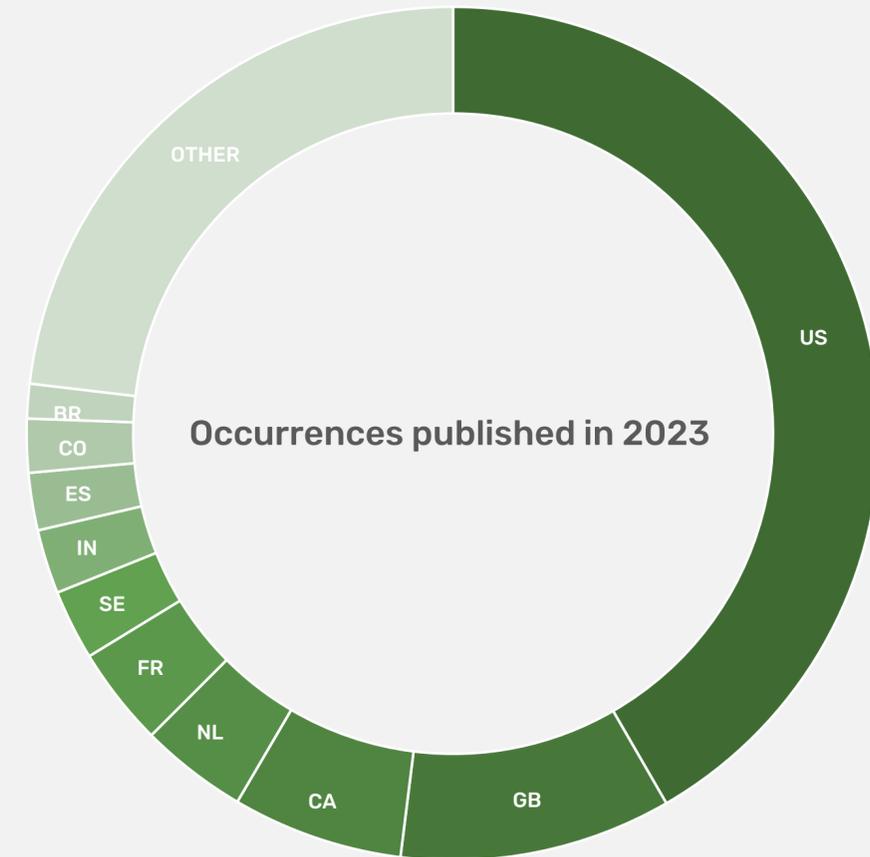
Rank	Country/Territory	Visitors	Visits	Effective visits*	% Effective visits	2022 rank	Pages / visit
1	United States	773,254	916,812	375,893	10.71%	1	4.50
2	Colombia	350,149	451,611	221,289	6.30%	2	4.38
3	Brazil	334,182	393,515	177,082	5.04%	4	4.22
4	Mexico	344,338	408,154	167,343	4.77%	5	4.27
5	Indonesia	225,758	280,575	162,774	4.64%	7	5.90
6	France	324,514	387,006	158,672	4.52%	9	4.42
7	China	189,141	267,239	154,999	4.42%	3	10.02
8	Spain	248,731	315,051	154,375	4.40%	6	5.97
9	Germany	265,968	325,439	143,193	4.08%	10	5.54
10	India	273,665	308,495	114,143	3.25%	11	3.55
TOTAL		6,355,4029	7,797,044	3,508,670	100.00%		5.09

SOURCE: Plausible.io. * Effective visits = total visits - (total visits x bounce rate)



Occurrences published by country: 2023

Rank	Country/Territory	2023	2022 total	2022 rank
1	United States	151,004,708	123,152,046	1
2	United Kingdom	36,220,446	14,602,384	6
3	Canada	22,744,659	22,328,115	4
4	Netherlands	14,293,849	30,330,743	3
5	France	13,208,845	40,243,552	2
6	Sweden	9,339,841	13,698,583	7
7	India	8,543,437	7,300,428	9
8	Spain	7,633,366	5,058,667	13
9	Colombia	7,145,173	6,052,455	12
10	Brazil	4,593,508	2,721,541	19
OTHER COUNTRIES + AREAS		81,266,325	66,653,115	
TOTAL		355,993,458	369,598,387	

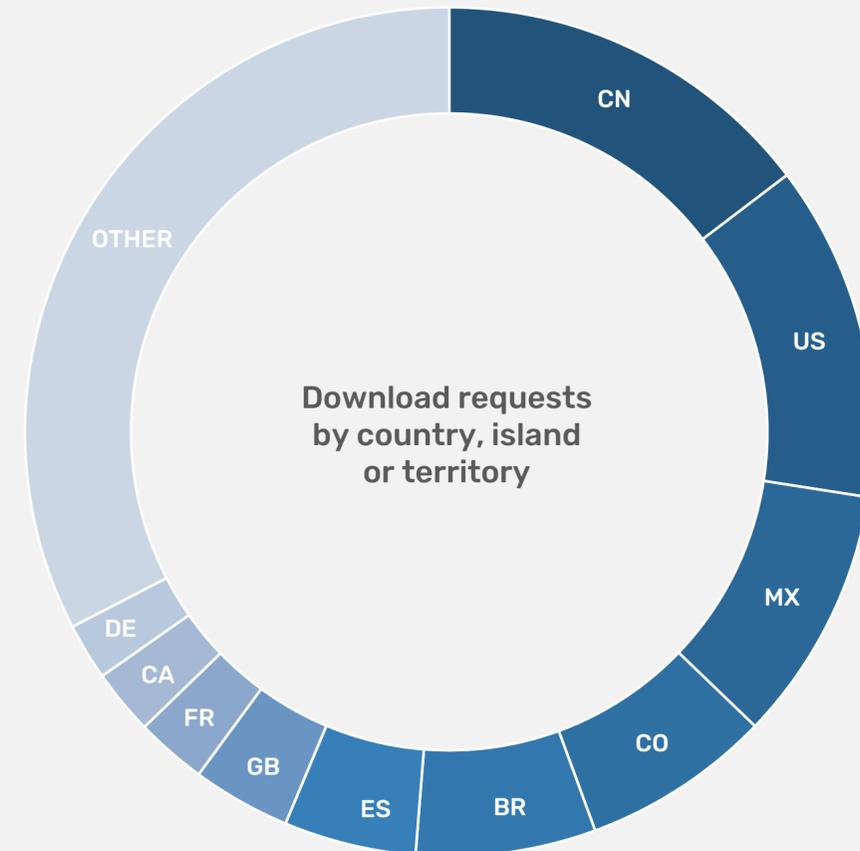


Data download requests by country: 2023

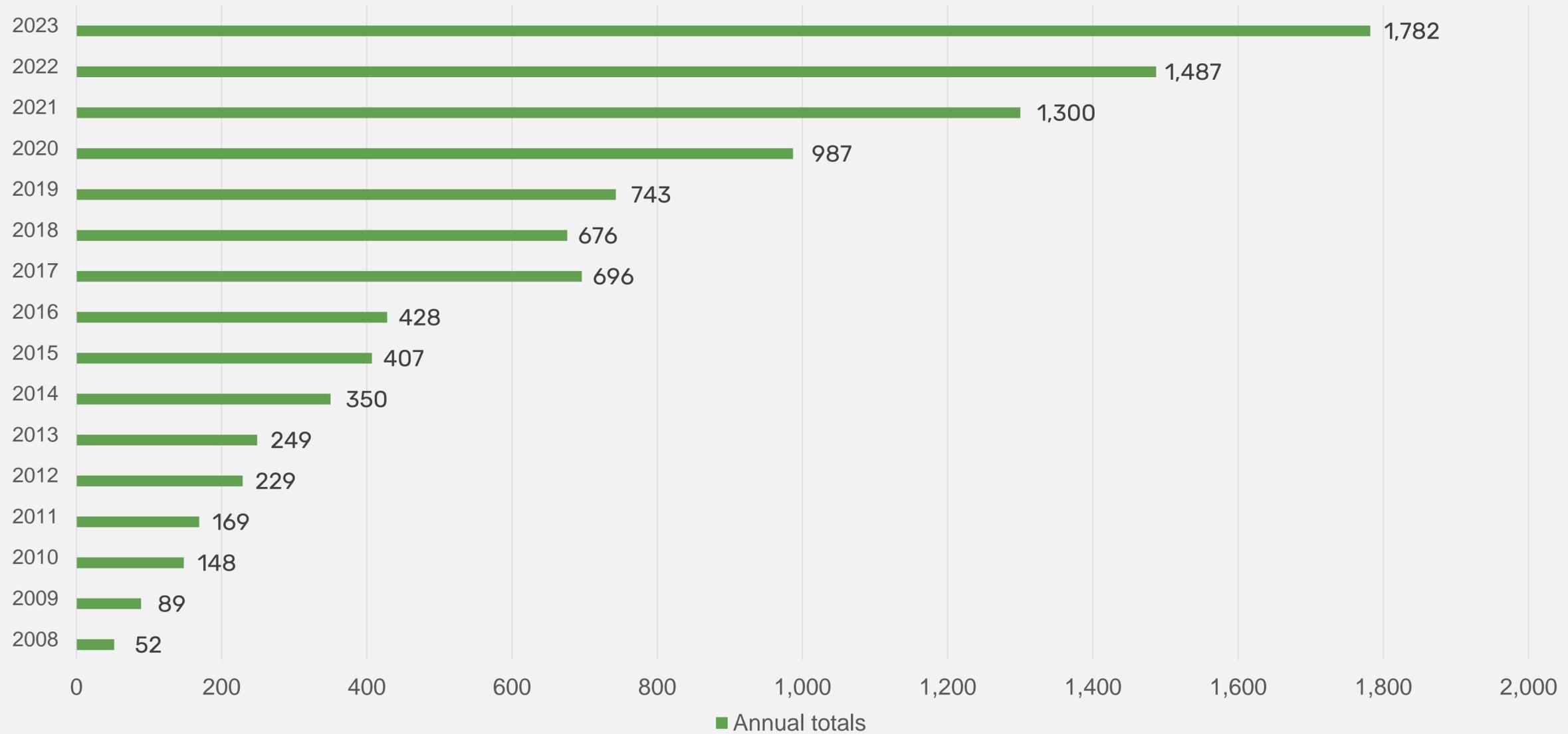
Rank	Country	2023	2022 total	2022 rank
1	China	39,253	36,844	1
2	United States	34,275	24,812	3
3	Mexico	26,051	27,172	2
4	Colombia	19,341	18,392	4
5	Brazil	18,370	14,777	5
6	Spain	13,492	9,280	7
7	United Kingdom	10,044	10,256	6
8	France	7,248	5,231	9
9	Canada	6,649	4,782	10
10	Germany	5,788	4,590	11
OTHER COUNTRIES + AREAS		87,262	75,107	
TOTAL		267,773	232,591	

168

countries, islands & territories where users have ≥5 requested downloads



Peer-reviewed publications using GBIF-mediated data



Peer-reviewed publications using GBIF-mediated data

Get data How-to Tools Community About

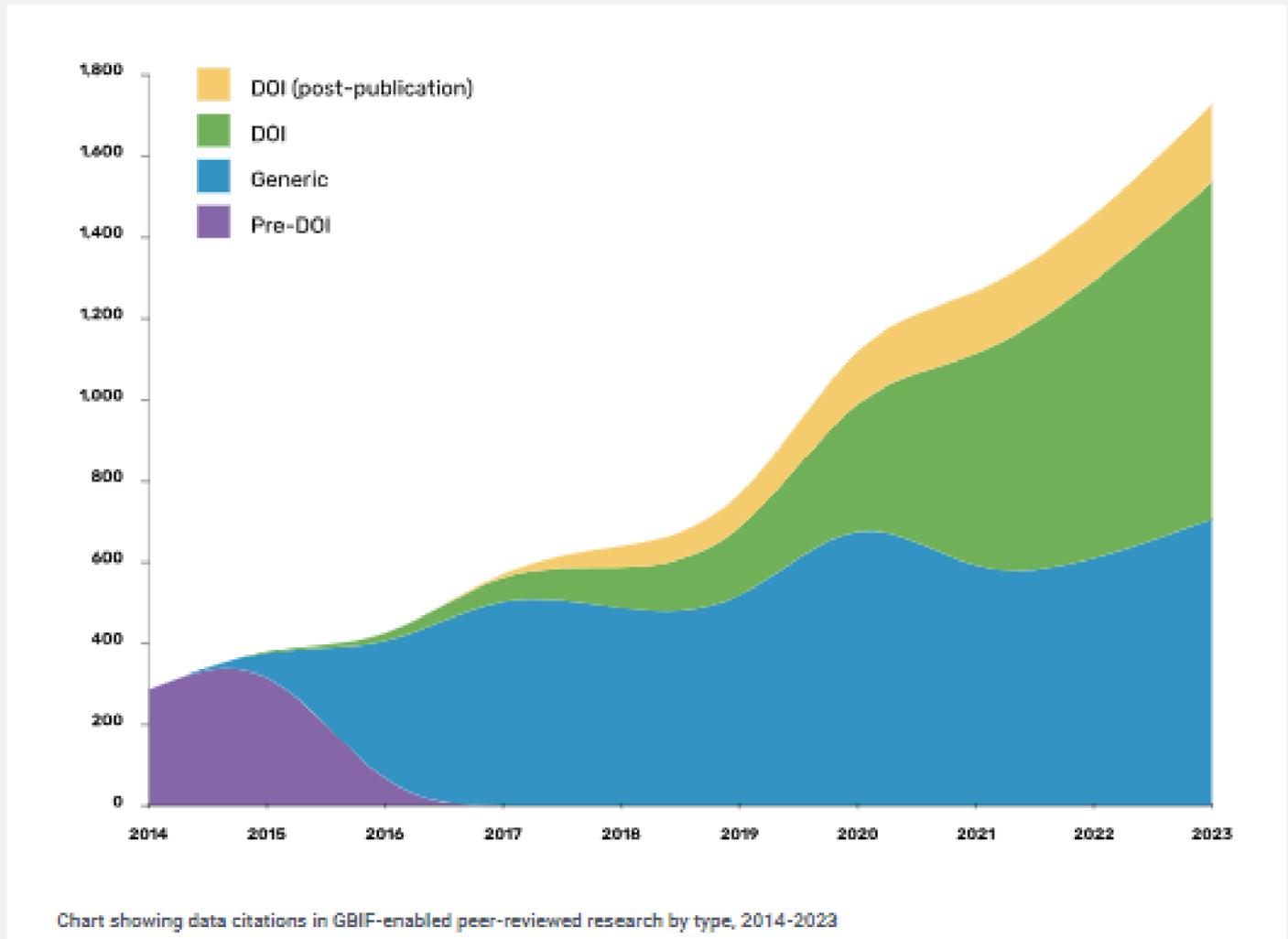
NEWS | 1 FEBRUARY 2024

More than 10,000 scientific papers enabled by GBIF-mediated data

Significant growth in use of data from the GBIF network continues to demonstrate the importance and value of open biodiversity data



Eastern black rhino (*Diceros bicornis* subsp. *michaelsi* Zukowsky, 1965) observed in Kenya by Deborah Tarlton (CC BY-NC 4.0)

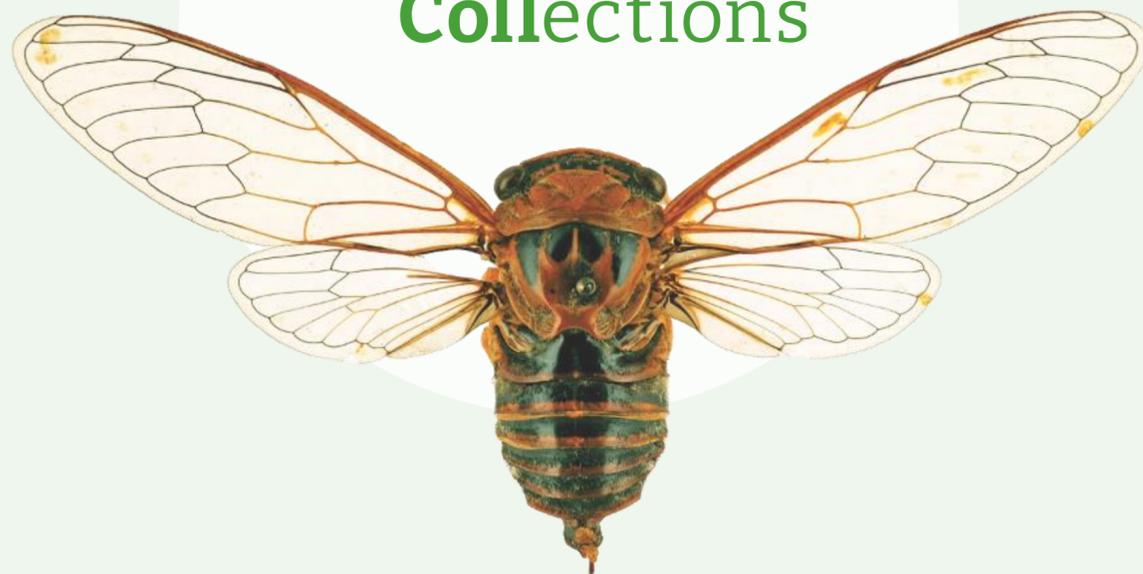


Suggestions reviewed
1,378

Countries
92

Country editors
52

Global
Registry
of **Scientific
Collections**



Institutions
7,864

Collections
7,403

Digitized specimens
210,856,531

Global Nodes Meeting and Training



Global Nodes

Nodes Buddy System

Global Nodes Training

Global Nodes Meeting



Global Nodes Training and Meeting

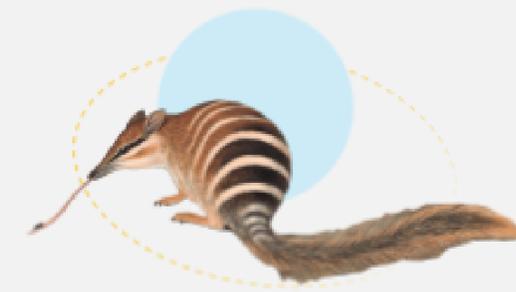
The Global Nodes Training and Meeting are an opportunity for all GBIF nodes to come together to learn from each other, discuss ideas, develop best practices, share their concerns, define recommendations and set priorities. The audience is inclusive of Node managers and Nodes staff, with invited observers who wish to learn more about GBIF and the work of the nodes. Participants must follow [GBIF's code of conduct](#).



Nodes Buddy System



Global Nodes Training 2023



Global Nodes Meeting 2023



Global Nodes Meeting and Training

Global Nodes Training

- 2023 training
- Sharing experience
- Pre-training questionnaire
- Agenda
- Files for download
- Photo album
- 1. Engaging research communities for data mobilization and use
- 2. Strengthening support services for collections communities**
- 3. Supporting national biodiversity commitments and the science-policy interface
- 4. Promoting open biodiversity data approaches within the business sector
- Acknowledgements
- Course evaluation

Global Nodes Training / 2. Strengthening support services for collections communities



The following trainers have developed the content for this topic:

David Jennings, Node Manager, iDigBio

Niels Raes, Node Manager, Netherlands

Secretariat consultants: [Andrea Hahn](#), Head of Data Products, and [Marie Grosjean](#), Data Administrator



Page contents

- Context
- Learning objectives
- Trainers**
- Preparation
- Module 1
 - Stakeholder landscape
 - Identifying stakeholders
 - Community engagement
- Module 2
 - Developing a data mobilization strategy
 - Design a data mobilization campaign
- Action plan



Global Nodes Meeting and Training

Global Nodes

Nodes Buddy System Global Nodes Training **Global Nodes Meeting**

Search docs

Global Nodes Meeting

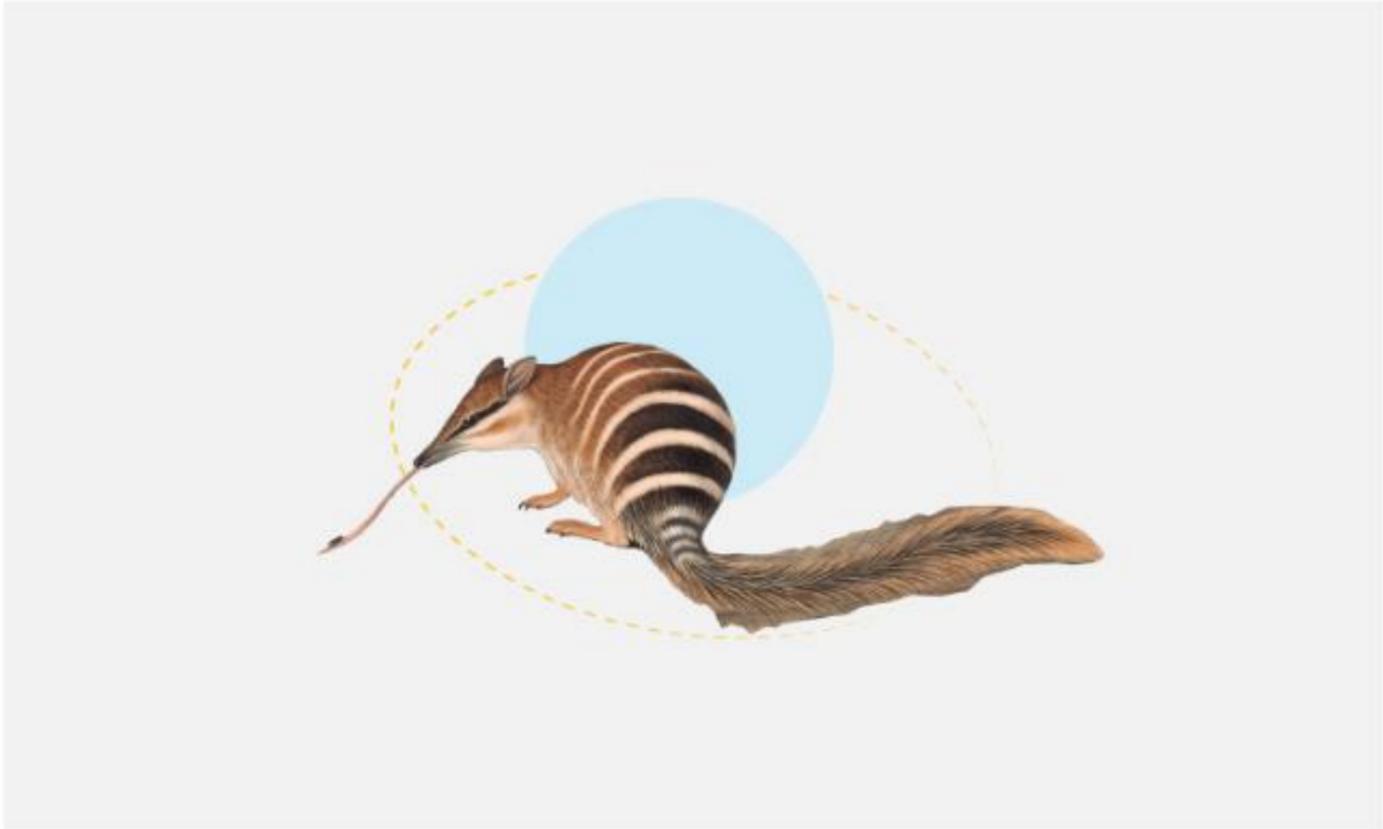
Global Nodes Meeting / 2023 meeting

2023 meeting

- Sharing experience
- Welcome
- Agenda
- Photo album
- 1. Capacity development programmes**
- 2. Regional communities of practice**
- 3. Data model**
- 4. Regional support teams**
- Meeting evaluation

Page contents

- Goal
- Outcomes



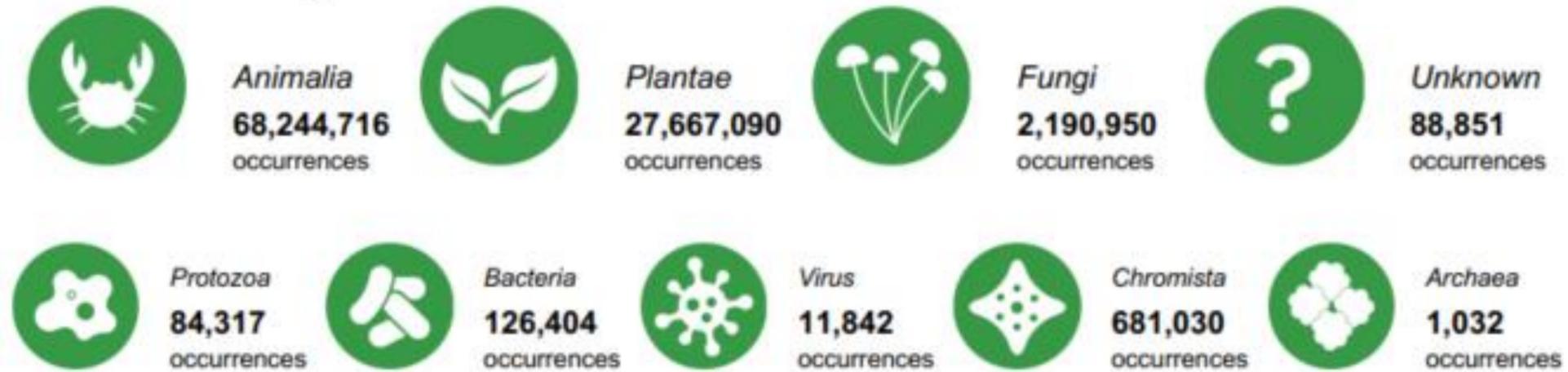
Goal

To bring the nodes community together to learn from each other, discuss ideas, develop best practices, share concerns, define recommendations and set priorities.

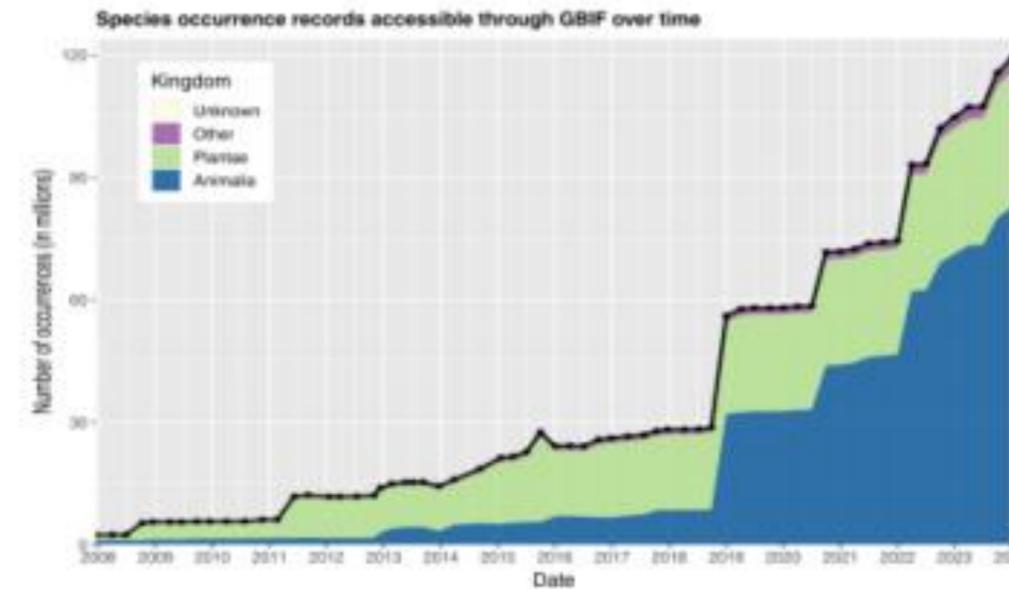
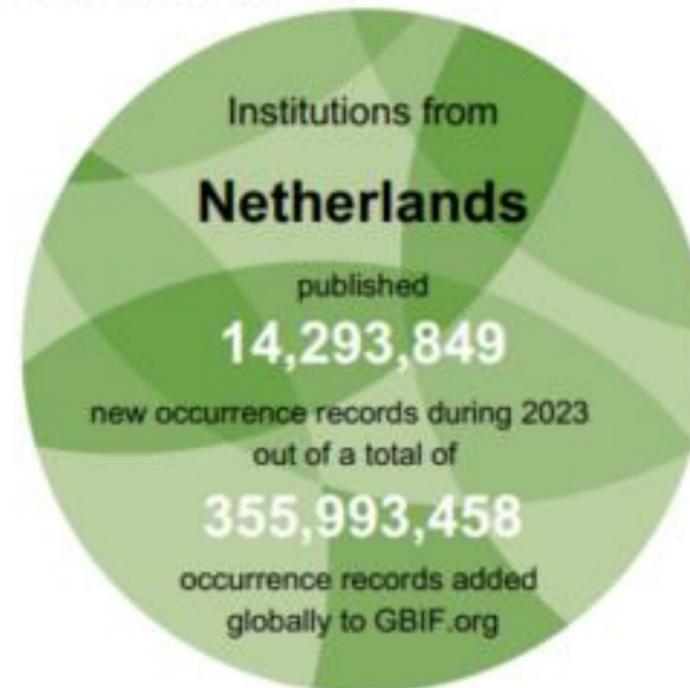


Update NLBIF

► Data availability in Netherlands



► Data mobilization



Number of records published by institutions in Netherlands, categorized by kingdom



Update NLBIF

NLBIF-call 2023

10 nieuwe projecten

- FLORON
- Vereniging Starndwerkgemeenschap
- Stichting Taxon Foundation
- RAVON
- Stichting Observation International
- Stichting Willem Beijerink Biologisch Station
- Sportvis Vangsten Registratie
- Stichting European Invertebrate Survey Nederland
- Stichting Bargerveen
- Xeno-Canto

NLBIF dag 2024



HOME ▾ PROJECTEN NLBIF CALL ZELF MEEDOEN OVER ONS CONTACT

Lopende projecten



Data gap analysis voor botanische literatuur en collecties

Thema: Data
Titel: Data gap analysis voor botanische literatuur en collecties
FLORON, NMV, BLWG
Projectleider: Laurens Sparrius
Projectcode: nlbif2023.020

[Lees meer](#)



Digitalisering historische referentie-data reptielen

Thema: Data
Titel: Digitalisering historische referentie-data reptielen
Projectleider: Raymond Creemers
Projectcode: nlbif2023.022

[Lees meer](#)



Mobilisering historische meetreeksen Stichting Bargerveen

Thema: Data
Titel: Mobilisering historische meetreeksen Stichting Bargerveen
Projectleider: Jan Kuper
Projectcode: nlbif2023.011

[Lees meer](#)

<https://www.nlbif.nl/projecten/>



Update NLBIF

Naturalis en accountants slaan de handen ineen om biodiversiteit te becijferen

Duurzaamheidsrichtlijn Nieuwe Europese regels verplichten bedrijven tot uitvoerige rapportage over hun prestaties op duurzaamheidsgebied. Voor de aanpak hiervan ging accountant en adviseur KPMG in de leer bij Naturalis in Leiden.

♂ Cato Brinkhof © 29 juni 2023 om 22:43
🕒 Leestijd 4 minuten



<https://www.nrc.nl/nieuws/2023/06/29/bedrijven-moeten-hun-biodiversiteit-meten-maar-hoe-naturalis-ging-aan-de-slag-met-de-accountants-van-kpmg-a4168600>



Update NLBIF

Finance

- Home
- Regulation, Supervision
- Financial markets
- Banking & insurance
- Sustainable finance
- Digital finance
- Consumer finance
- Financial crime
- EU & worldwide

Home > Financial markets > Company reporting and auditing > Company reporting > Corporate sustainability reporting

Corporate sustainability reporting

EU rules require large companies and listed companies to publish regular reports on the social and environmental risks they face, and on how their activities impact people and the environment.

PAGE CONTENTS

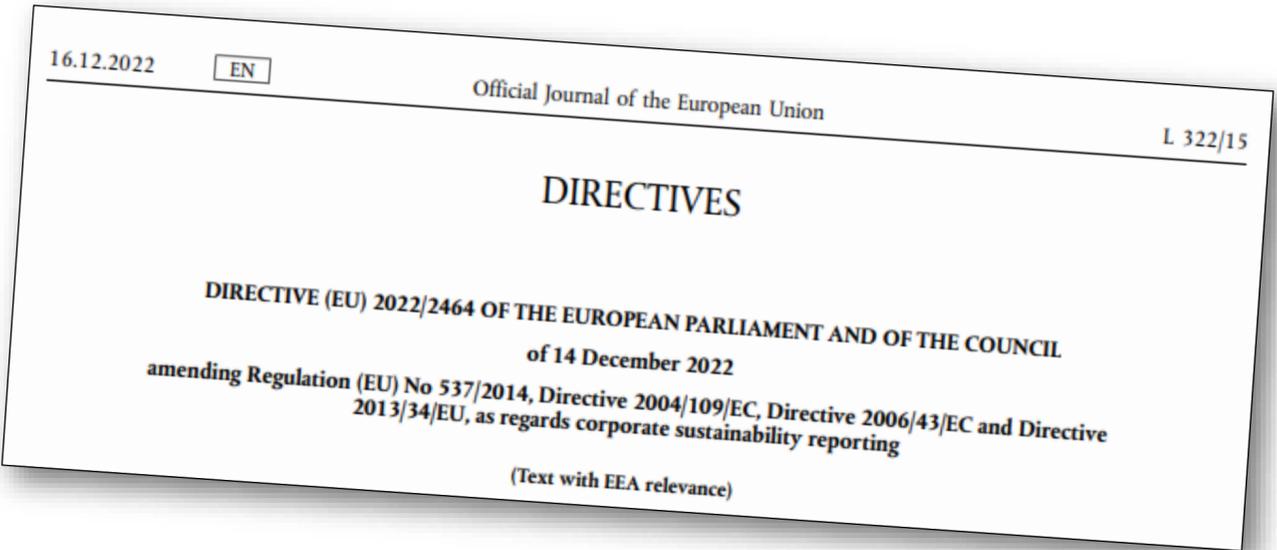
- What the EU is doing and why
- Policy making timeline
- Relevant legislation
- Related links

What the EU is doing and why

EU law requires all large companies and all listed companies (except listed micro-enterprises) to disclose information on what they see as the risks and opportunities arising from social and environmental issues, and on the impact of their activities on people and the environment. This helps investors, civil society organisations, consumers and other stakeholders to evaluate the sustainability performance of companies, as part of the [European green deal](#).

New rules on corporate sustainability reporting: The Corporate Sustainability Reporting Directive

On 5 January 2023, the [Corporate Sustainability Reporting Directive \(CSRD\)](#), entered into force. It modernises and strengthens the rules concerning the social and environmental information that companies have to report. A broader set of large companies, as well as listed SMEs, will now be required to report on sustainability. Some non-EU companies will also have to report if they generate over EUR 150 million on the EU market.



Update NLBIF

EFRA – European Financial Reporting Advisory Group - has developed the European Sustainability Reporting Standards (**ESRS**) which provides a framework for companies to report on **Environmental**, **Social**, and **Governance** (**ESG**) topics. The 12 standards must be reported against by all companies subject to the Corporate Sustainability Reporting Directive (CSRD)

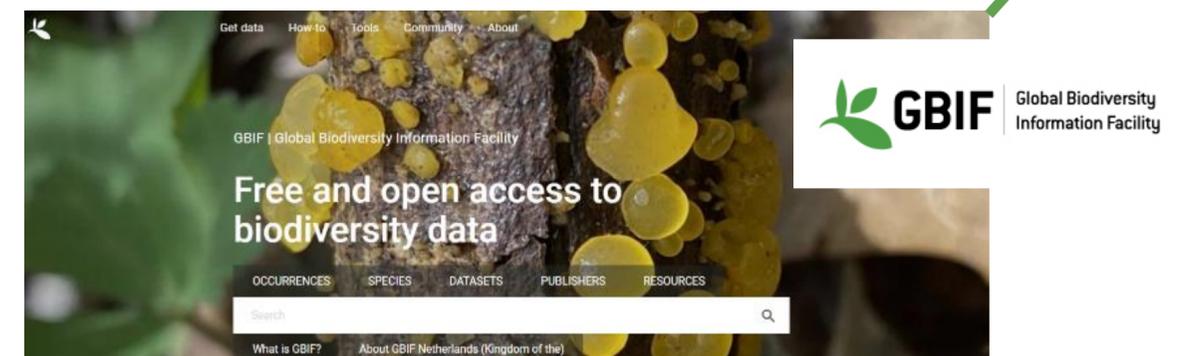
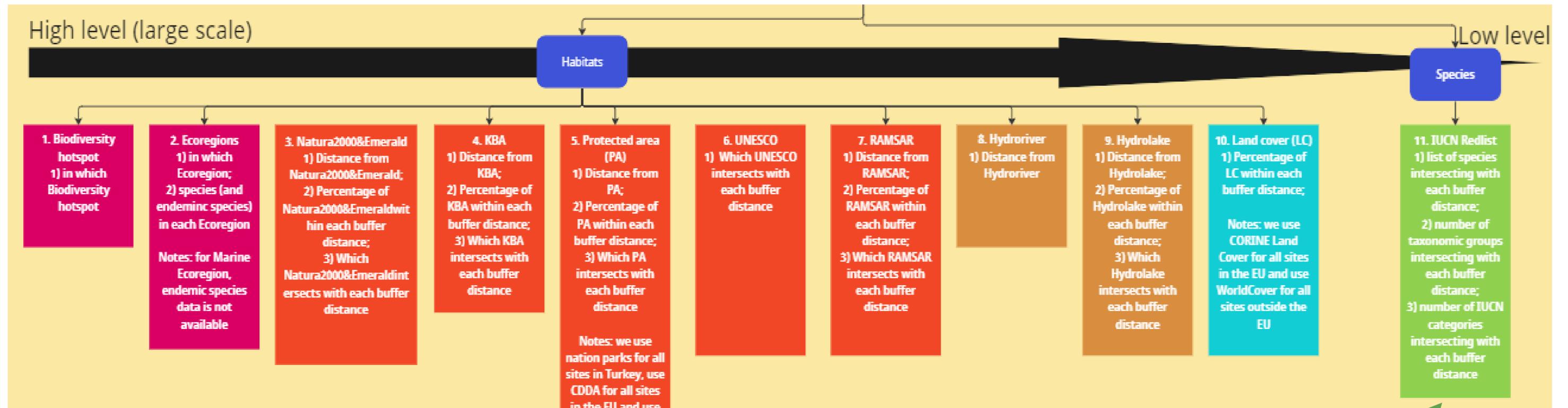
Topical standards		
Environment: ESRS E	Social: ESRS S	Governance: ESRS G
Climate change E1	Own workforce S1	Business conduct G1
Pollution E2	Workers in the value chain S2	
Water and marine resources E3	Affected communities S3	
Biodiversity and ecosystems E4	Consumers and end-users S4	
Resource use and circular economy E5		

- Cross-cutting standards
- General requirements: **ESRS 1**
- General disclosures: **ESRS 2**
- Coming later:
- Sector-specific standards
- SME's proportionate standards

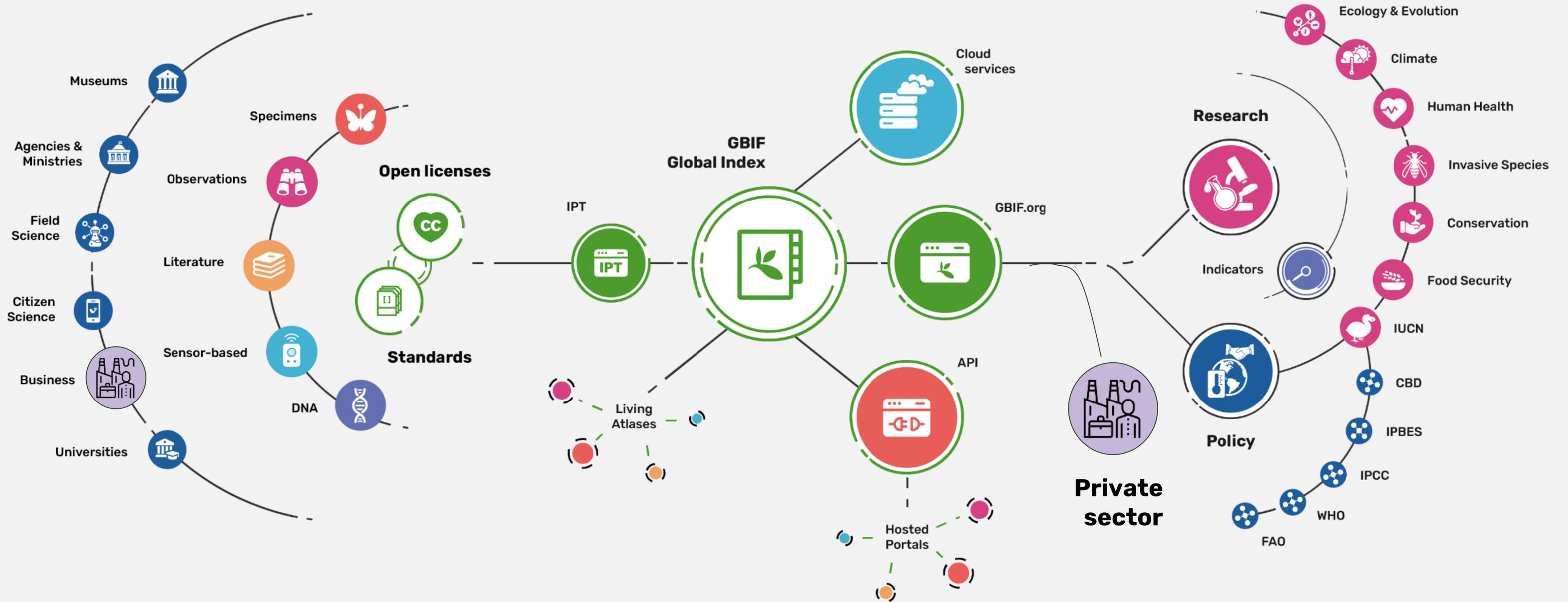


Update NLBIF

Ontwikkeling van THRIVE - Toolset for Hierarchical Reporting and Insightful Validation of Ecosystems



Update NLBIF



SiB Colombia and NLBIF shine bright in GBIF Node Awards' first edition

Awards recognize achievements of excellence and innovation within the GBIF global node community



Team from SiB Colombia, March, 2022: Dairo Escobar, Esteban Marantas, Ricardo Ortiz, Camilla Plata, Jeimmy Díaz and Andrés Duarte.
Photo by Dairo Escobar

The GBIF nodes from Colombia and the Netherlands are the first recipients of the new **GBIF Node Awards**. The award programme will honour the collective accomplishments of the teams that coordinate GBIF-related activities for the network's **Participant countries and organizations**.

SiB Colombia has received the Excellence Award, celebrating their progress across a range of critical service areas for GBIF nodes, such as scientific and policy support, community engagement, and technical aid for biodiversity data management.

NLBIF has won the Global Impact Award, which recognizes the value of its initiative on EU Corporate Sustainability Reporting to contribute to both the delivery of GBIF's strategic framework and its potential benefit and applicability for the entire GBIF network.

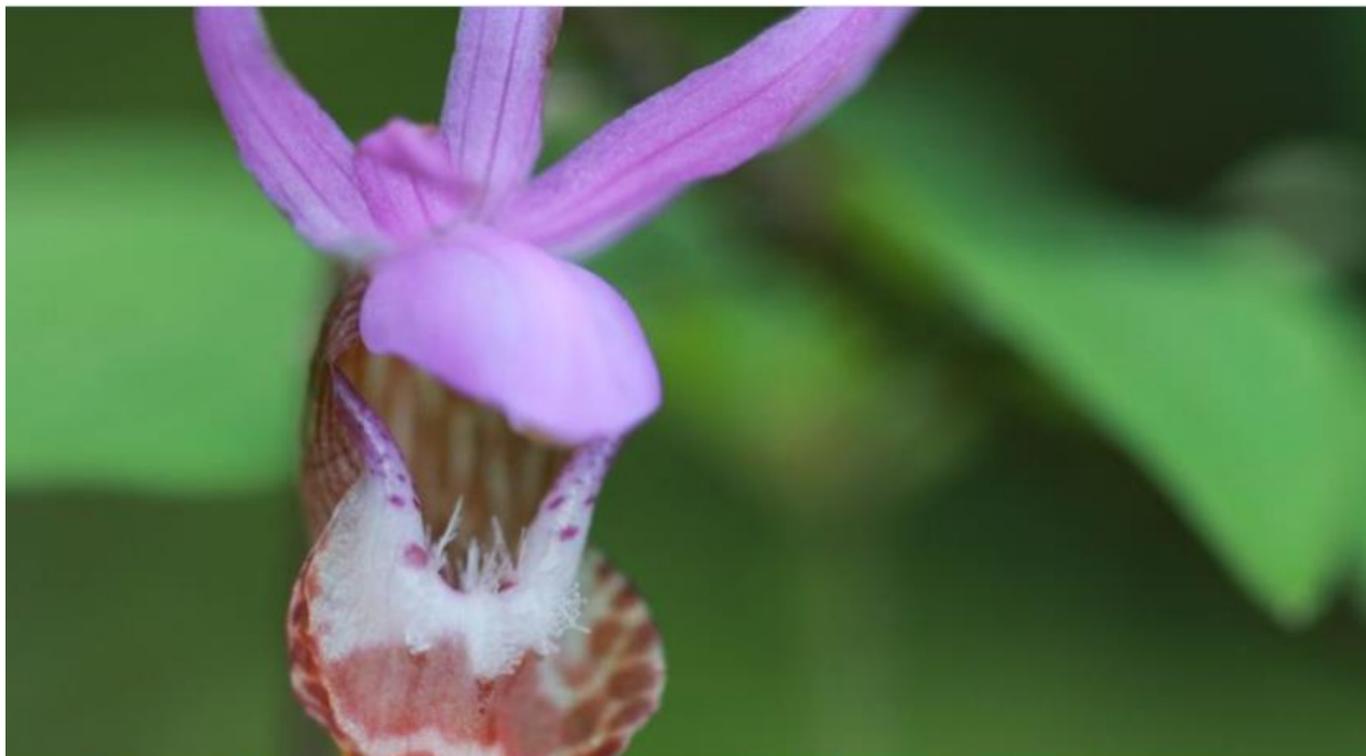


Update NLBIF



Ebbe Nielsen Challenge

This annual incentive prize seeks to inspire innovative applications of open-access biodiversity data by scientists, informaticians, data modelers, cartographers and other experts



Calypso orchid (*Calypso bulbosa*) by J. Brew. Photo licensed under CC BY-SA 2.0.

Ebbe Nielsen Challenge winners

2023



Prize	Project	Recipient(s)	Country(s)
1st	GBIF Alert An open-source GBIF-based alert system for occurrences	Nicolas Noé Peter Desmet Tim Adriaens Bram D'Hondt Lien Reyserhove Damiano Oldoni	Belgium
2nd	Frictionless Data for Bionomia	David Shorthouse	Canada
3rd	Library of Identification Resources	Lars Willighagen	Netherlands
3rd	Open Data Biodiversity Mapper	Sam Wenaas Perrin Philip Stanley Mostert Ron Togunov	Norway



Update GBIF ECA (Europe and Central Asia)

- Informatie en communicatie via GitHub <https://github.com/GBIF-Europe>
- ECA 2023 Warsaw 15-18 May 2023



Update GBIF ECA (Europe and Central Asia)

- Informatie en communicatie via GitHub <https://github.com/GBIF-Europe>
- ECA 2023 Warsaw 15-18 May 2023

4 Sessies:

- **Status GBIF en ECA partners**
 - ECA representative en deputy representative (2 jaar)
- **Infrastructuur ontwikkelingen**
 - eDNA
 - GRSciColl
 - Nieuw data model
- **ECA strategy**
 - Nodes Strategy 2023
 - Global Nodes Training – selectie onderwerpen
 - Joint Educational activities
- **GBIF & BioDT**



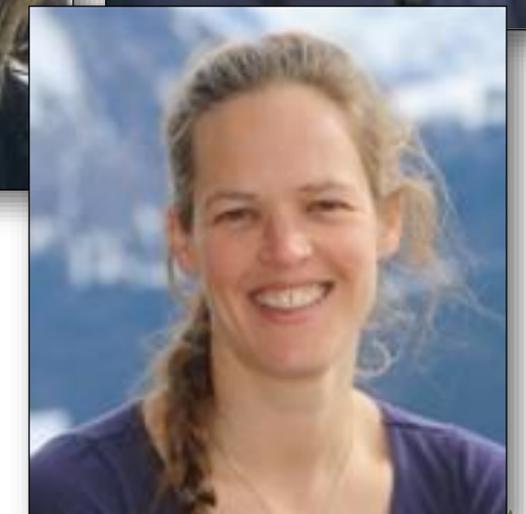
NLBIF commissie

Voorzitter – Dr. Rob Hooft

- [Health RI](#), voorheen Dutch Techcentre for Life Sciences

5 commissie-leden (lid voor 2 jaar)

- Dr. Edwin Pos, Utrecht Universiteit (2e jaar)
- Dr. Willem-Pier Vellinga, Xeno-Canto (2e jaar)
- Dr. Lien Reyserhove, Instituut voor Natuur- en Bosonderzoek (INBO)
- Dr. Anouschka Hof, Wageningen Universiteit
- Gijs Gerrits, NIOO-KNAW





NLBIF-call 2024

NLBIF stelt voor 2024 een budget beschikbaar van € 226.400,- plus € 2.297,- reserves via de NLBIF-call 2023. De maximale bijdrage aan een ingediend project bedraagt € 30.000,- (inclusief BTW). Aanvragen voor de NLBIF-call moeten in overeenstemming zijn met ten minste één van de volgende drie thema's:

- a) **Data** - mobiliseren van bestaande biodiversiteitsdata naar GBIF.org, en/of;
- b) **Infrastructuur** - infrastructurele ontwikkelingen die mobilisatie van biodiversiteitsdata naar GBIF.org faciliteren, en/of;
- c) **Participatie** - Het NLBIF/GBIF-netwerk uitbreiden met nieuwe data-eigenaren en/of data-gebruikers.

NLBIF verwelkomt een breed scala aan projecten om biodiversiteitsdata te ontsluiten. Voorbeelden zijn, bij thema a) digitaliseren van collecties van natuurhistorische musea, opnames van ecologische gemeenschappen (zowel recent als historische archieven), vogeltrekdata, 'citizen science' data, 'environmental DNA' of eDNA sample data, geanalyseerde geluidsopnames en cameravalbeelden, collecties van botanische tuinen, etc.; bij thema b) infrastructurele ontwikkelingen die bijvoorbeeld het automatische delen van cameravalbeelden mogelijk maakt, of een bijdrage levert aan de taxonomische namen infrastructuur van GBIF; en bij thema c) participatieprojecten waarin bijvoorbeeld workshops georganiseerd worden die resulteren in het mobiliseren en/of gebruik van GBIF-data voor onderzoek en beleid. De projectvoorstellen dienen aan te sluiten bij één of meerdere activiteiten uit het [strategische meerjarenplan](#) van GBIF (Tabel 1) en zo bijdragen aan het behalen van de collectief gestelde mondiale GBIF doelstellingen. Indien van toepassing kan ook worden aangeduid hoe het project bijdraagt aan afgeleide activiteiten uit het [GBIF werkprogramma van 2024](#).

Voorwaarden

De hoofdaanvrager van ingediende voorstellen is een Nederlandse organisatie of een internationale organisatie met vertegenwoordiging in Nederland (b.v. universiteit, museum, stichting, vereniging). Aanvragen van Naturalis Biodiversity Center zijn uitgesloten van deelname.

Selectiecriteria

Alle ingediende voorstellen worden beoordeeld door ten minste drie leden van de onafhankelijke [NLBIF beoordelingscommissie](#). Het besluit over de toekenning van een NLBIF-bijdrage gebeurt in een vergadering van de NLBIF-beoordelingscommissie, onder leiding van de voorzitter dr. [Rob Hooft](#). Alle ingediende voorstellen worden beoordeeld op de onderstaande criteria. De totaal te behalen score is 50.

1. **Impact en urgentie** (score 1-10) - De bijdrage van het project met betrekking tot de prioriteiten en activiteiten uit het GBIF strategisch plan 2023-2027 (Tabel 1) en/of het afgeleide werkprogramma 2024 zijn duidelijk in kaart gebracht en relevant.
2. **Meerwaarde** (score 1-10) - Het project levert een meerwaarde (significant en meetbaar) t.o.v. de huidige situatie. Bijvoorbeeld en uitsluitend indicatief:
Data: aantal records, kwaliteit van de records, detail van de records;
Infrastructuur: faciliteren van data-uitwisseling met GBIF, connectie met andere infrastructuren;
Participatie: meer gebruik van gegevens, meer publicaties (geef indicatie).
3. **Efficiëntie en kosteneffectiviteit** (score 1-10) - Er wordt optimaal gebruikgemaakt van reeds aanwezige kennis, technologie en infrastructuur en de financiële middelen worden optimaal benut.
4. **Duurzaamheid** (score 1-10) - Het project levert duurzame producten of diensten. Bijvoorbeeld en uitsluitend indicatief:
Data - is de beschikbaarheid voor de lange termijn geborgd en/of vinden er regelmatig updates naar GBIF plaats;
Infrastructuur - zijn de infrastructurele ontwikkelingen bruikbaar voor de hele GBIF-gemeenschap en/of is de broncode van programmatuur 'open source';
Participatie - worden belanghebbenden gestimuleerd om voor langere tijd te participeren met GBIF en/of blijvend gebruik te blijven maken van GBIF-data.
5. **Haalbaarheid** (score 1-10) - Hoe realistisch is het dat de beoogde doelen en mijlpalen worden gehaald en zijn de risico's geïdentificeerd?



Het ingediende projectvoorstel dient de volgende onderdelen te bevatten:

- **Titel** van het project.

- **Projectgroep**; namen/functies/organisaties van de hoofdaanvrager en medeaanvragers. De hoofdaanvrager is een Nederlandse organisatie of internationale organisatie met vertegenwoordiging in Nederland.

- **Aanleiding** van het project; Waarom dit project? Waarom nu? En waarom deze projectgroep?

- **Projectomschrijving** (Beschrijf de volgende onderdelen)

- *Beschrijving van werkzaamheden;*
- *Verwachte resultaten die bij afronding van het project opgeleverd worden;*
- *Impact en urgentie van het project (zie selectie criterium 1);*
- *Meerwaarde van het project (zie selectie criterium 2);*
- *Efficiëntie en kosteneffectiviteit (zie selectie criterium 3);*
- *Duurzaamheid van het project (zie selectie criterium 4);*
- *Haalbaarheid van het project (zie selectie criterium 5).*

- **Planning**, GANTT chart, inclusief mijlpalen voor projectonderdelen. De duur van het project is 1 jaar en start uiterlijk op 31 december 2024.

- **Begroting** (exclusief BTW, inclusief BTW, of BTW niet van toepassing).
In het geval van medefinanciering graag beschrijven op welke wijze sprake is van medefinanciering en hoe de projectresultaten veranderen als de medefinanciering niet wordt toegekend.



Programma I

9:30 – 10:00 **Inloop, ontvangst & koffie**

10:00 – 10:10 **Welkomstwoord** door Niels Raes, NLBIF node manager

10:10 – 11:00 **Update GBIF, NLBIF en opening NLBIF-call**, door Niels Raes

11:00 – 11:30 Korte pauze, met koffie & thee

11:30 – 12:30 **Hoe vertaal je data naar beleid?** – Presentaties

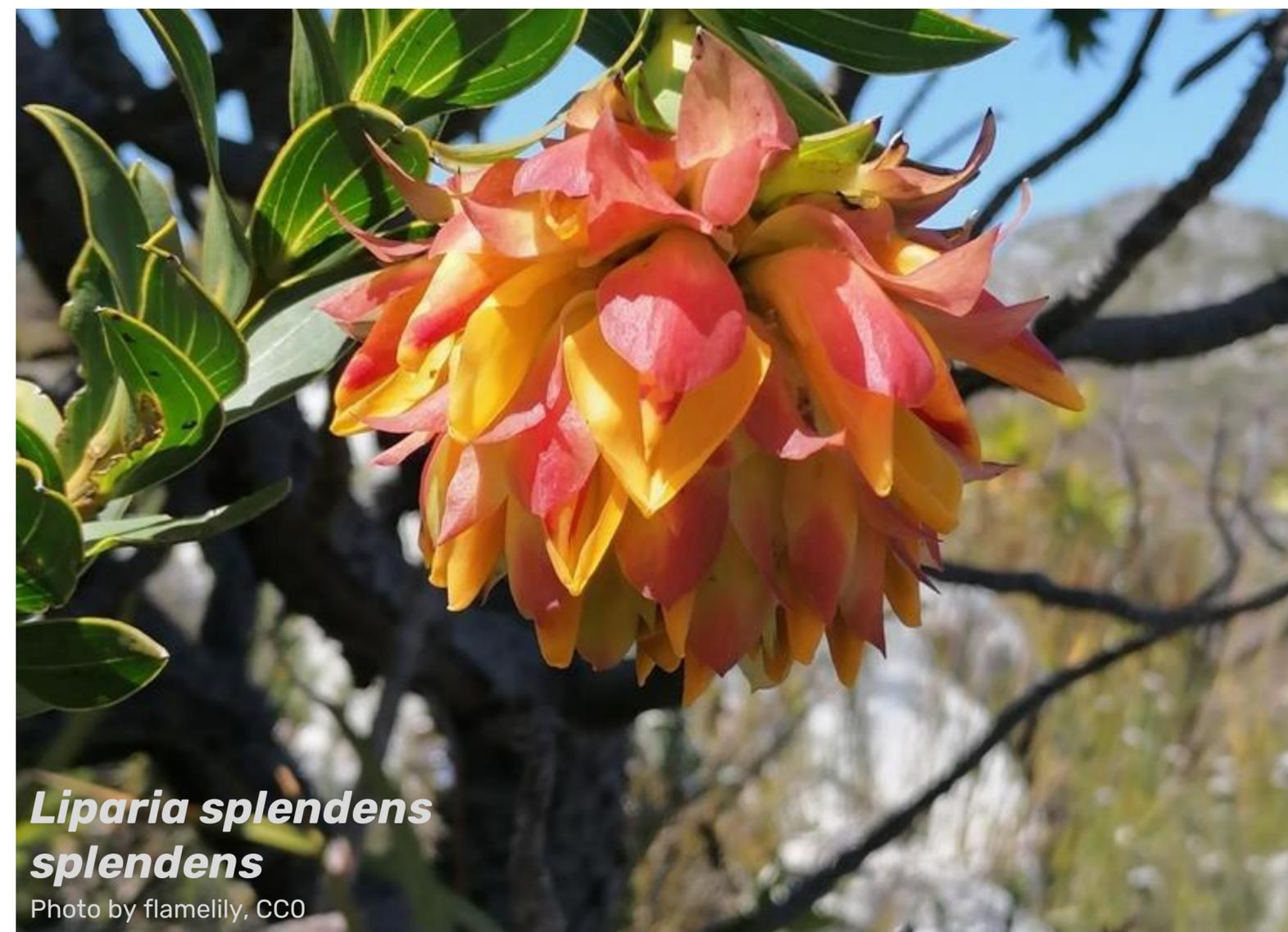
- **PBES NL**, door Sanne Kruid (LNV) en Koos Biesmeijer

(Naturalis)

- **DuGOF**, door Gernant Magnin en Irakli Shavgulidze (Chair NACRES)

- **RIVM**, door Ton Schouten

12:30 – 13:30 Lunch



Programma II

13:30 – 14:30 **Workshop: kwetsbare soortgegevens & GBIF**,
door Jeroen Creuwels data-manager NLBIF

15:00 – 16.00 **Inzoomen op soorten** – Presentaties

- **Library of Identification Resources**, door Lars Willighagen

- **3rd Prize GBIF Ebbe Nielsen Challenge**

- **De Atlas voor Nederlandse Slankpootvliegen**, door Marc Pollet

- **Blauwtipje: de database voor zeenaaktslakken**, door Peter Bragt en Victor Heike

16:00 – 16.15 Afsluitende woorden

16:15 **Borrel**

