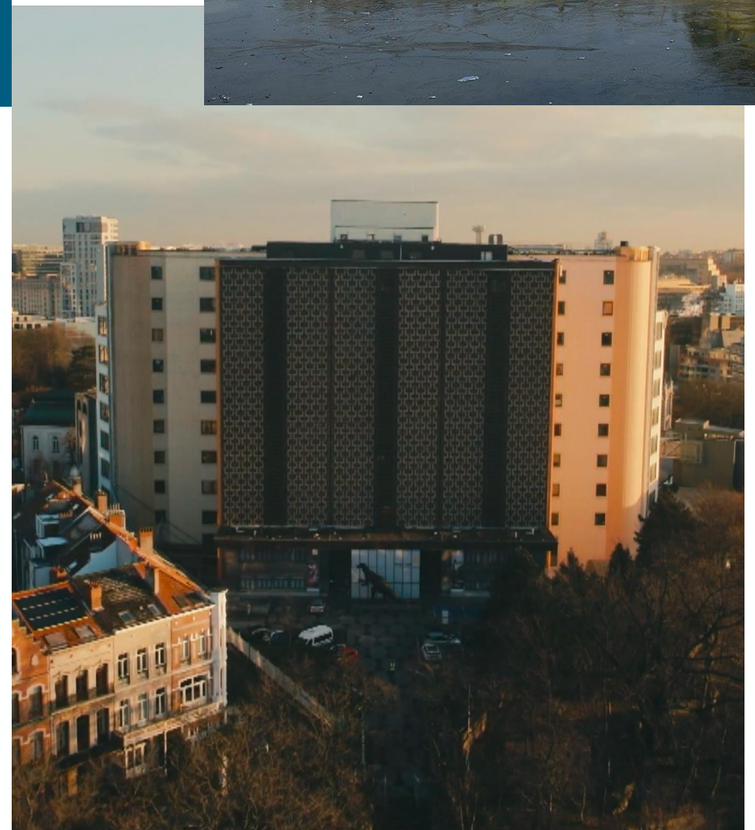
Be.DISSCo-FED
Kick-Off Meeting

belspo

Institute of Natural Sciences, Brussels

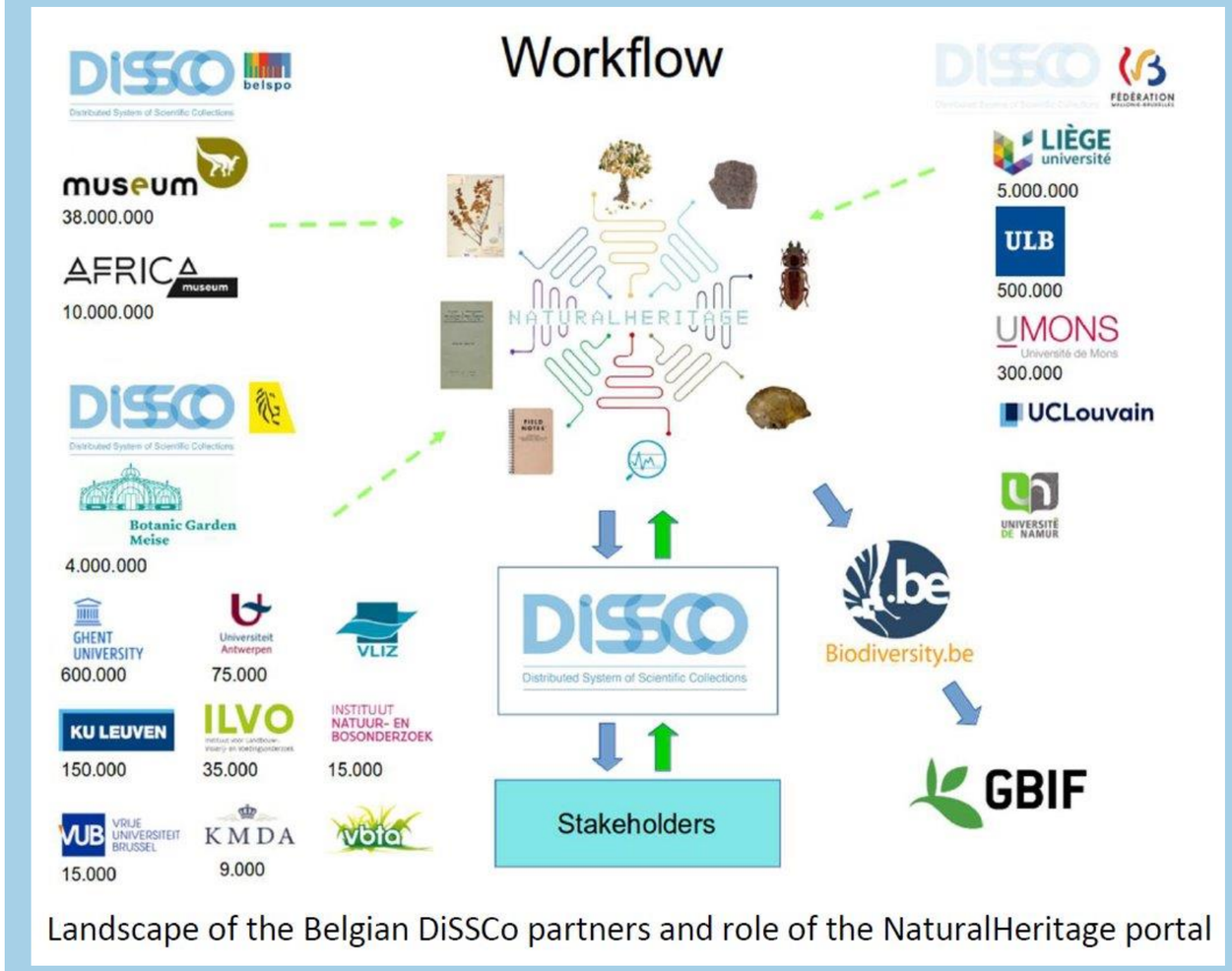
17/05/2024

AFRICA museum



Introduction to Be-DiSSCo.FED purpose of the meeting & timeline

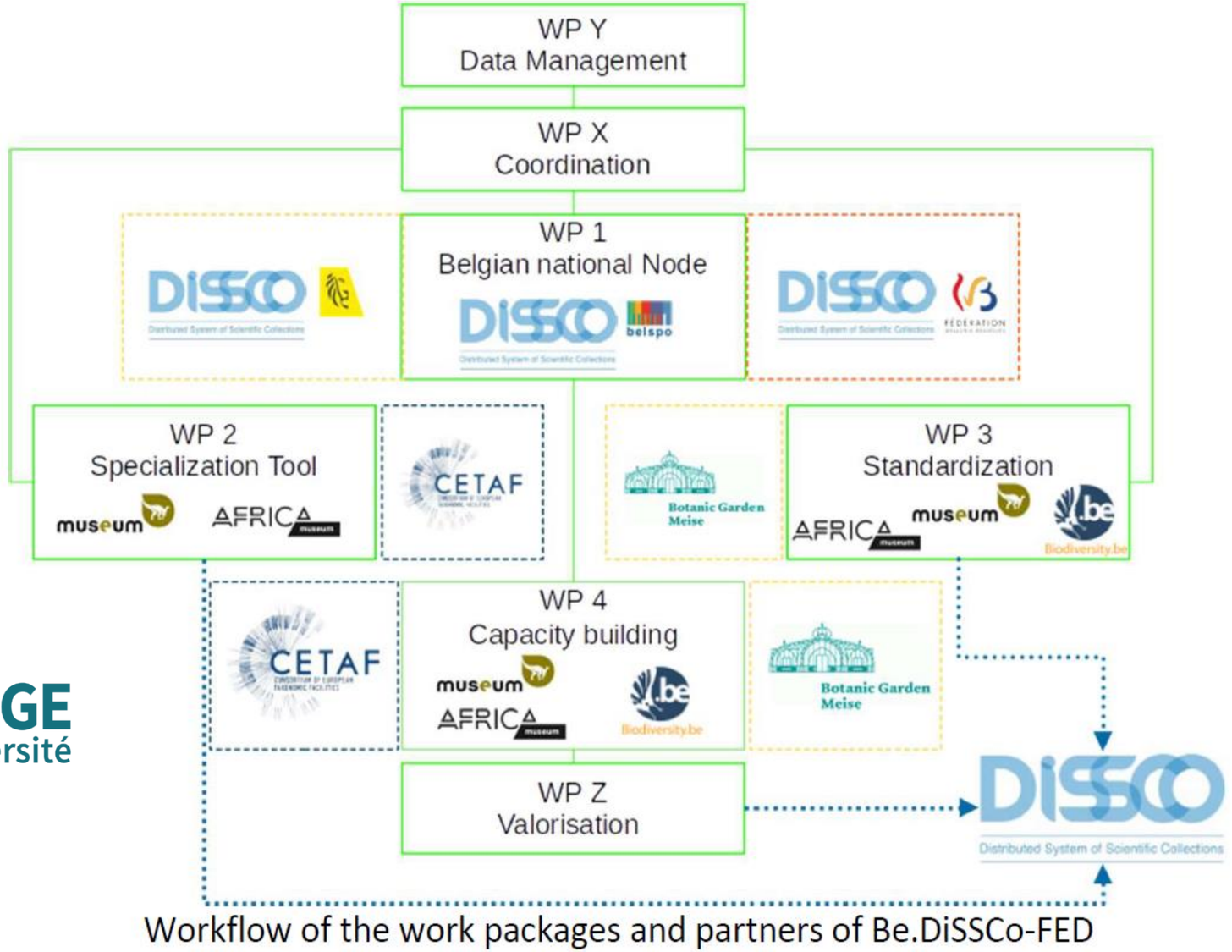
- Objectives of the project and alignment with DiSSCo eu
- Get to know each other, our roles within the Belgian DiSSCo landscape
- Exchange and refine means and tools to develop DiSSCo



Landscape of the Belgian DiSSCo partners and role of the NaturalHeritage portal

Be-DiSSCo.FED
Presentation of the partners

RBINS (Leader), RMCA, CETAF, MEISE BG & DiSSCo-Flanders, Belgian Biodiversity Platform, ULiège, UMons



Workflow of the work packages and partners of Be.DiSSCo-FED

Overview of objectives, goals, and expected outcomes of Be.DiSSCo-Fed

- **General aims of the project**

  - **Strengthen** the roles of RBINS and RMCA in the framework of DiSSCo at European and Belgian levels, *e.g.* by setting up the Belgian consortium ("National Node")

  - Analyse the data gathered in the ***specialization tool*** developed with CETAF, to define a clear specialization strategy for the DiSSCo infrastructure:
    - ***Analysis of data*** related to the Belgian collections, the research fields, the scientific infrastructures/instruments, the exhibitions, and the trainings
    - The ***integration of these data*** in dedicated visualisation and decision tools

- Focus on the ***persistent identifier (PID)*** of collections.
- Propose a hierarchy of the main DiSSCo collections and sub-collections, linked to the GrSciColl inventory and its Collection Identification System.

  The goal is to use the diversity of the Belgian collections to develop and test a standardized identification of the collections, and to propose a dedicated strategy and tailored tools to the DiSSCo community.

- Focus on the ***standardization of the multimedia files resulting of the digitization of the collections*** and evaluate Open-Source solutions to share and visualize 2D, 2D+, 3D and internal structures data with human and machines using internationally recognized standard(s).

Overview of objectives, goals, and expected outcomes of Be.DiSSCo-Fed

Link of the project's activities with DiSSCo RI

Be.DiSSCo-FED will act upon three of the main axis (from DiSSCo Prepare) to facilitate the alignment of the Belgian institutions with DiSSCo RI and make DiSSCo RI benefit from the assets and services from the Belgian Node.

The three main axes are the following:

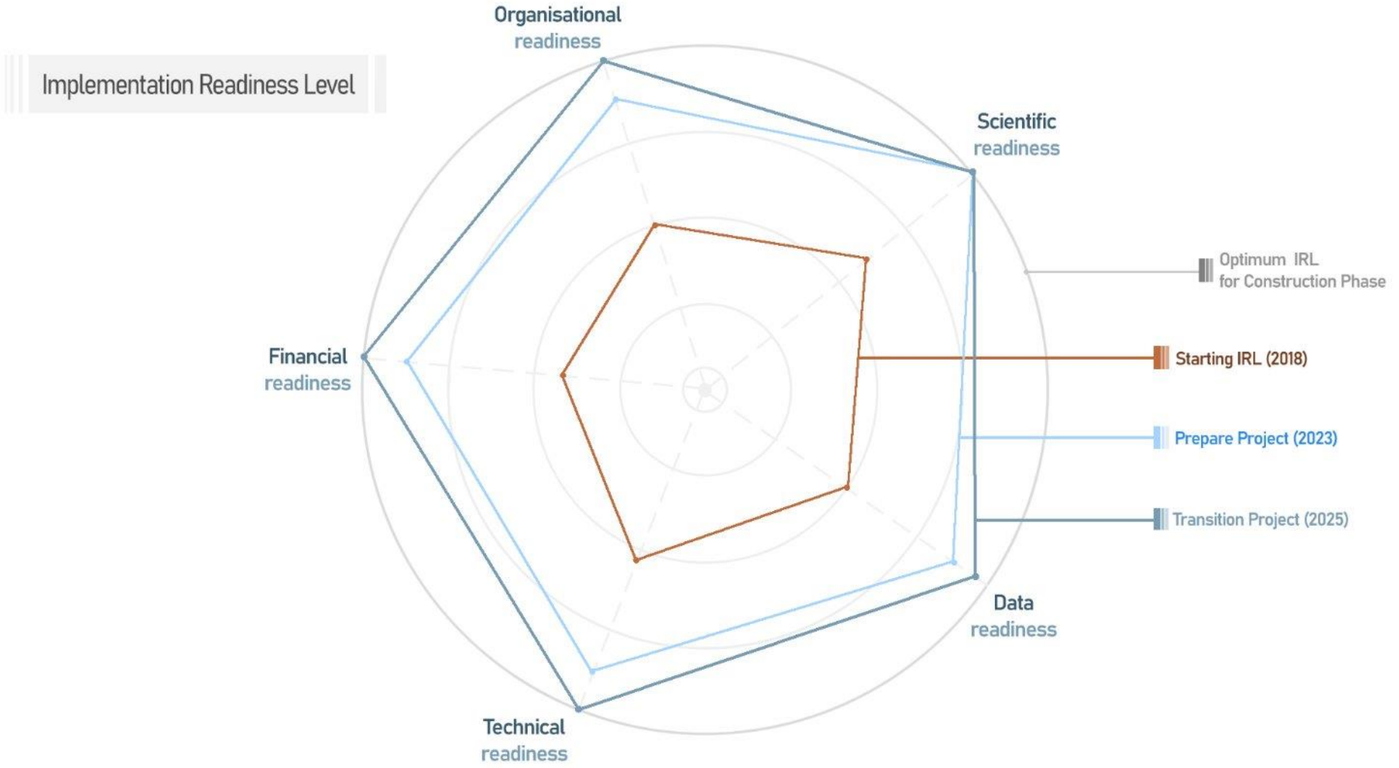
- **Governance:** DiSSCo RI will be based on government support. The goal of DiSSCo-FED is to aggregate the various entities into one coordinated entry point so that the Belgian collections be better identified and more accessible by the NH Community of researchers and external stakeholders.

- **Services:** 2 services developed by RBINS and RMCA with CETAF constitute major contributions to identify and valorize the collections assets of the community, namely the Specialization and Collection Registry.

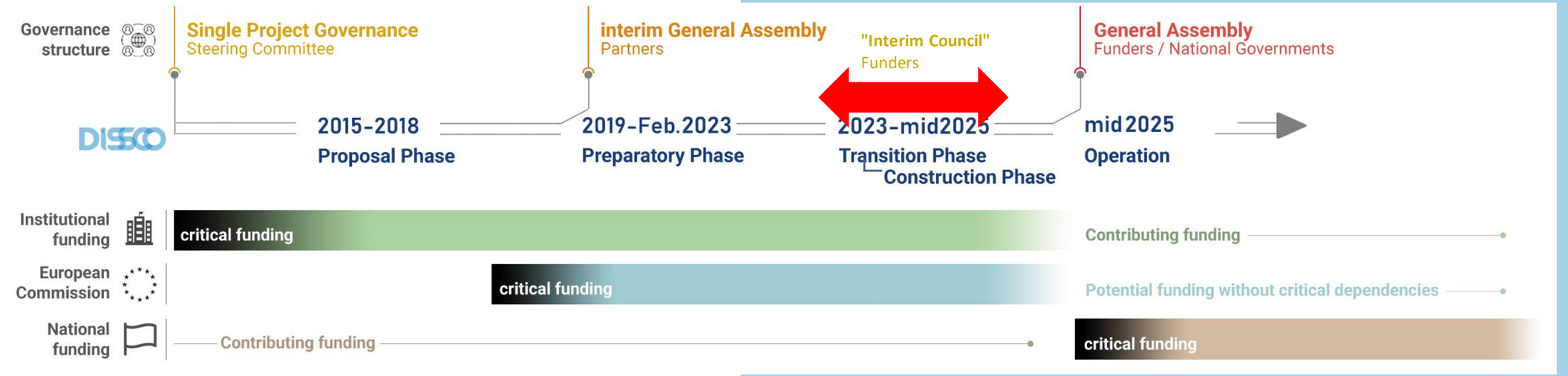
- **Capacity building:** Through training activities for both researchers and citizen scientists enlarging the users and contributors panel of the DiSSCo Natural History Collections.

Overview of objectives, goals, and expected outcomes of Be.DiSSCo-Fed

Link of the project's activities with DiSSCo Transition / EU



DiSSCo EU timeline



WP 1: Belgian national Node: DiSSCo, DiSSCo FED, DiSSCO Flanders, Other Belgian institutions

(Month 1 – Month 24)

- **RBINS (Leader) (5.5 PM) (in-kind 2.3 PM)**
- RMCA (1.5 PM) (in-kind 1.3 PM)
- CETAF (in-kind 0 PM)
- MEISE BG (in-kind 1.8 PM)
- Belgian Biodiversity Platform (in-kind 0.5 PM)
- ULiège (in-kind 0.5 PM)
- UMons (in-kind 0.2 PM)

- **T.1.1. Governance (M 1 - 24) - RBINS**
  - *Aligned with DT WP1, ERIC Roadmap & Policy Framework*
  - *Belgian landscape description*
  - *Governance model (MoU) of the National Node*

- **T.1.2. Cost model (M 1 - 24) - RBINS**
  - *Aligned with DT WP1, ERIC Roadmap & Policy Framework*
  - *Impact of the global DiSSCo cost model*
  - *Towards the sustainability of the DiSSCo Belgium*

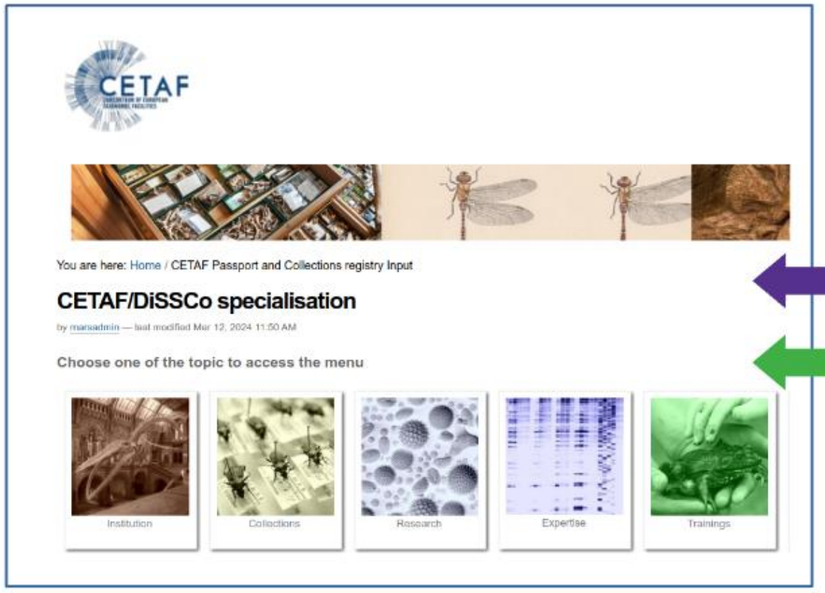
- **T.1.3 Synergies (M 1 - 24) - RBINS**
  - *Aligned with DT, WP2, National Nodes Engagement & Inclusion*
  - *Enhancing harmonization and coordination in services provision, through synergies (MoU)*

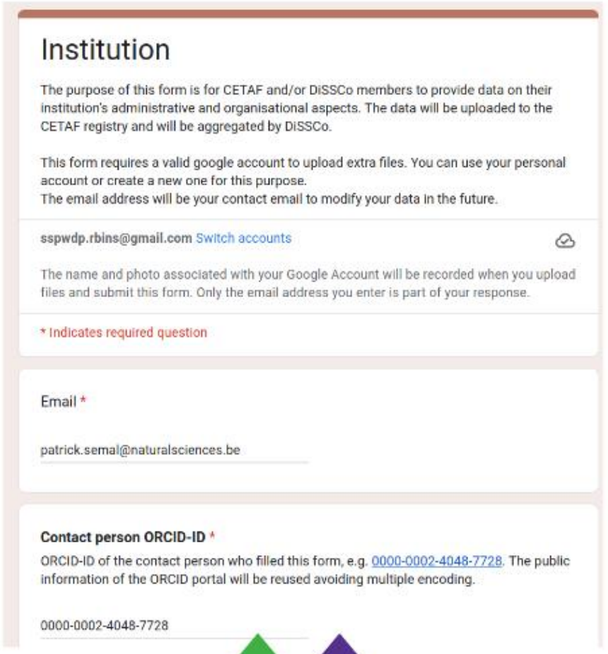
WP 2: Specialization Tool

(Month 1 – Month 24)

- **RBINS (Leader) (7 PM) (in-kind 7.5 PM)**
- RMCA (10 PM) (in-kind 3 PM)
- CETAF (in-kind 3 PM),
- Meise BG (in-kind 1.5 PM)
- Belgian Biodiversity Platform (in-kind 0 PM)
- ULiège (in-kind 0.6 PM)
- UMons (in-kind 0.4 PM)

- **T.2.1. Collect of the data among Belgian institutions (M 1 – 6) - RBINS**
  - *Collect information defined by the DPP WP8 specialization among Belgian partners*
- **T.2.2. Analysis of the data and user requirements (M 7 – 12) - RBINS**
  - *Analysis of collected data, define user stories and requirements about the specialization*
- **T.2.3 Development of the Specialization Graphical Dashboard (M 7 – 18) – RMCA**
  - *Prepare graphical interface corresponding to the user requirements and align technology with existing dashboard (Digitization dashboard of NHM London)*
- **T.2.4 Integration of specialization data (M 19 – 22) - RBINS**
  - *Produce views of the Specialization tool to be embedded in the main DiSSCo/CETAF environment(s)*
- **T.2.5 Users' validation (M 20 – 24) - RBINS**
  - *Validate and launch the Specialization tools*
  - *Aligned with DT WP2, National Nodes Engagement & Inclusion / WP3, Data Infrastructure & Core Services*





Google Forms and XLS files

Elastic Search Index

elasticsearch

DiSSCo

Distributed System of Scientific Collections

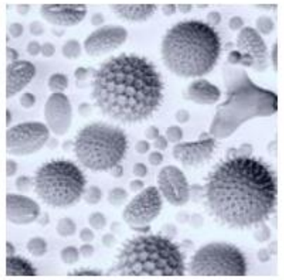
ELViS

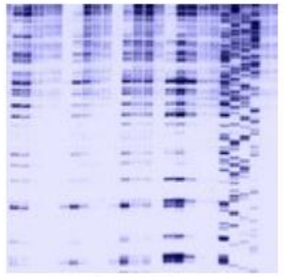
CETAF

CONSORTIUM OF EUROPEAN TAXONOMIC FACILITIES


Institution


Collections


Research


Expertise


Trainings


Museum


Facilities

This menu provides links to the different forms collecting information about CETAF and DiSSCo institutions.

Institution

https://forms.gle/9BzW2q74SbkM2DBt7

The purpose of this form is for CETAF and/or DiSSCo members to provide data on their institution's administrative and organisational aspects. The data will be uploaded to the CETAF registry and will be aggregated by DiSSCo.

Institution: building surfaces

https://forms.gle/CS52DqaSNiinreif7

The purpose of this form is for CETAF and/or DiSSCo members to provide data on their buildings surfaces.
The data will be uploaded to the CETAF registry collections platform.

Collections Overview

This form is for describing your collection generally (Qualitatively and Quantitatively). To provide more specific qualitative and quantitative data about discipline and sub-discipline, please fill in the relevant forms accessible
through the Disciplines menu.

Purpose of form:
The purpose of this survey is to obtain high level information on Natural Science Collections (NSCs) held in European institutions, for publication to the CETAF Registry Collections Platform and from there be aggregated by the DiSSCo RI and other Platforms.

More specifically, the data will feed key DiSSCo serves and tools such a Collections Digitisation Dashboard; the ELViS platform. The survey is based on a classification scheme that has been developed to allow NSCs to be described in a standardised way thus increasing data mobilisation and usability. The provision of this data to these tools and services will improve the discoverability of European NSCs, and facilitate decision making for different stakeholders on a governmental, institutional and research level.

G-MAIL
This form requires a valid google account to upload extra files. You can use your personal account or create a new one for this purpose.

The email address will be your contact email to modify your data in the future.

Form Saving: The form will automatically save the data you input, if you are connected online. **WARNING:** The draft form (not yet submitted) will only be saved for 1 month after starting.

sspwdp.rbins@gmail.com Switch accounts

The name and photo associated with your Google Account will be recorded when you upload files and submit this form. Only the email address you enter is part of your response.

* Indicates required question

Diversity of the collections

AFP Old botany *

Specify which sub-disciplines are represented in the collection

- [x] No Collection
- [ ] AFP-ALG Algae
- [ ] AFP-FUN Fungi
- [ ] AFP-BRY Bryophytes
- [ ] AFP-PTE Pteridophytes
- [ ] AFP-SEE Seed plants
- [ ] AFP-OTH Other

INV Invertebrates Zoology *

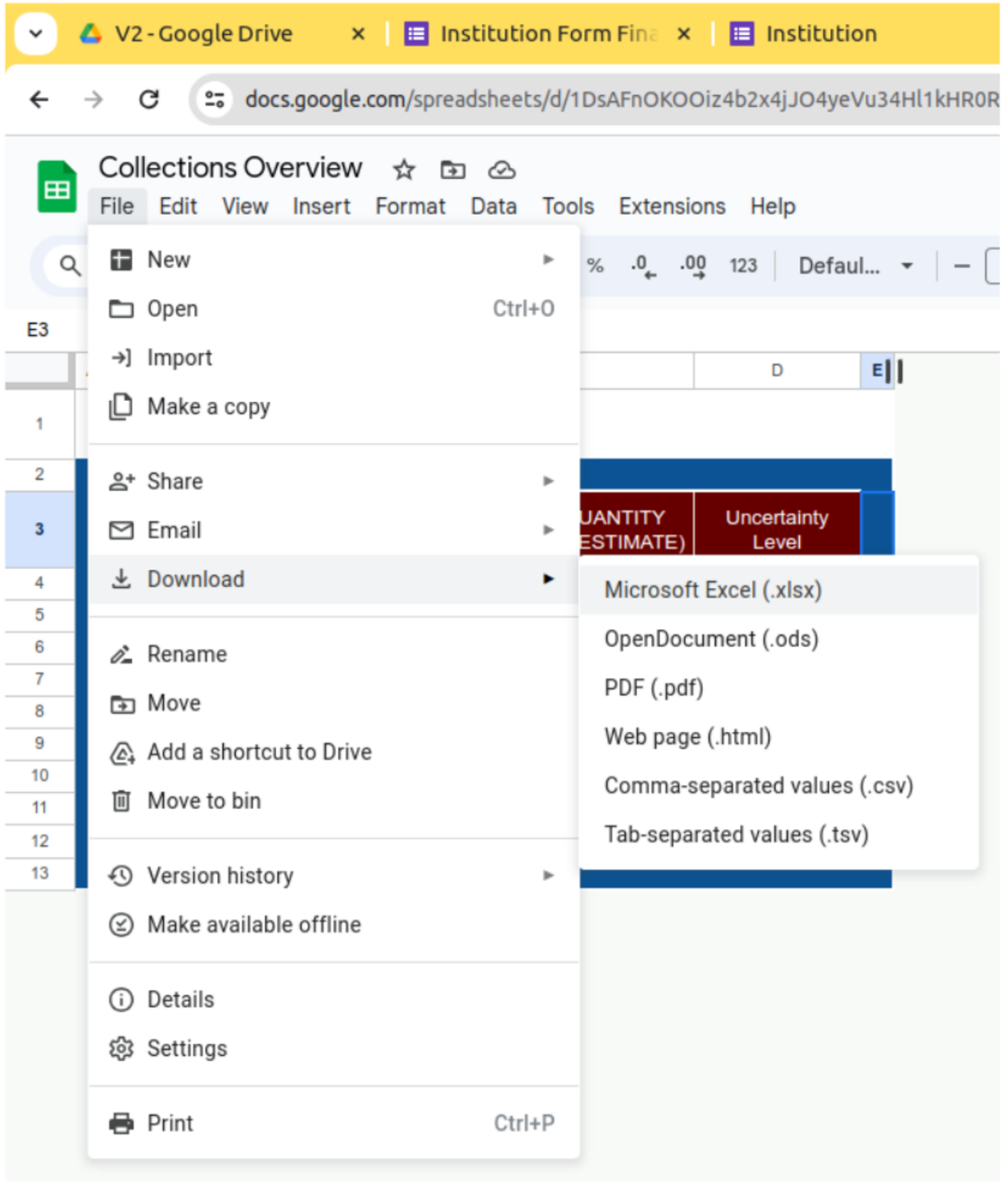
Specify which sub-disciplines are represented in the collection

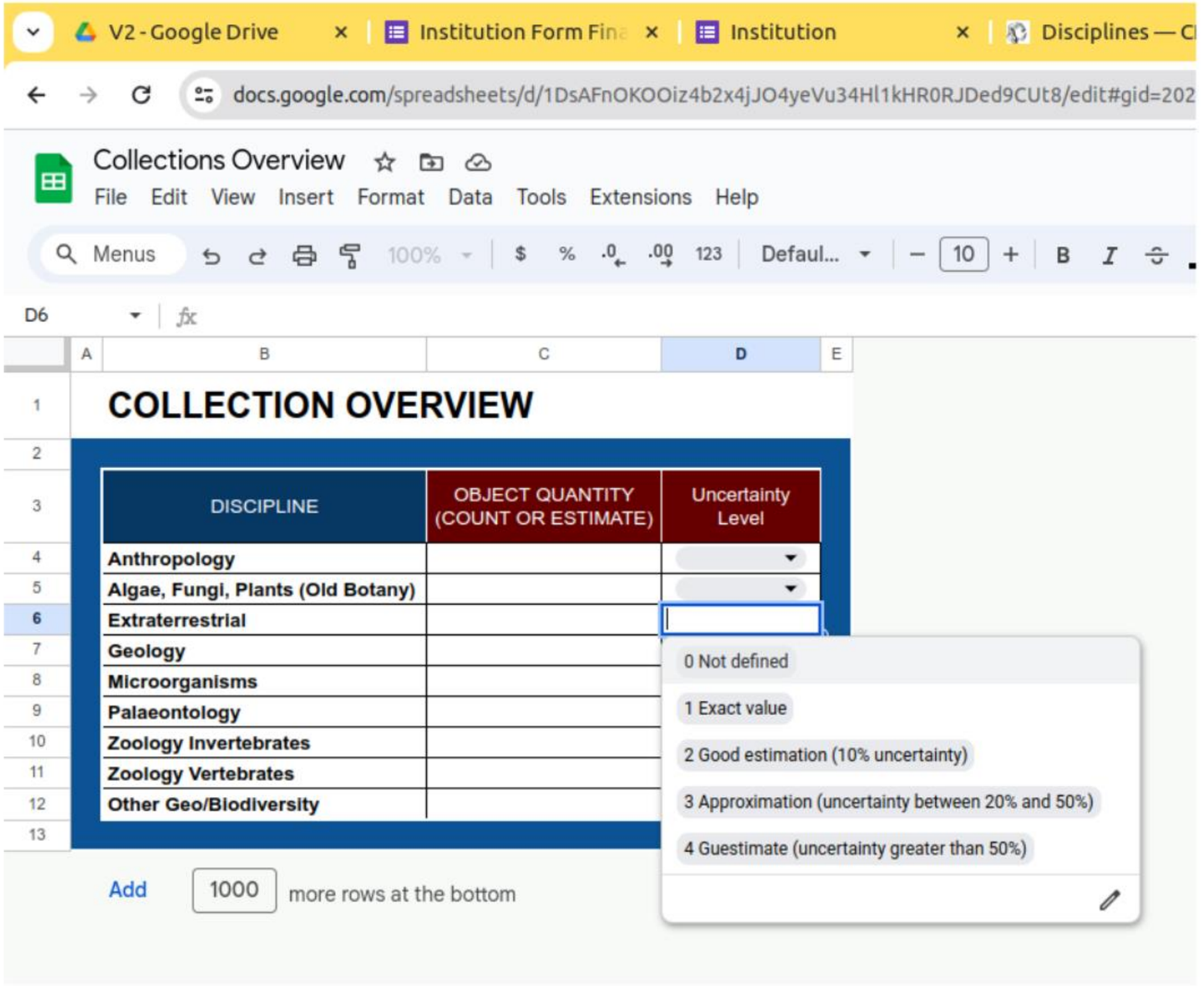
- [ ] No Collection
- [x] INV-INS Insects
- [x] INV-ARA Arachnids
- [x] INV-CRU Crustaceans & Myriapods
- [x] INV-MOL Molluscs
- [x] INV-SPO Sponges

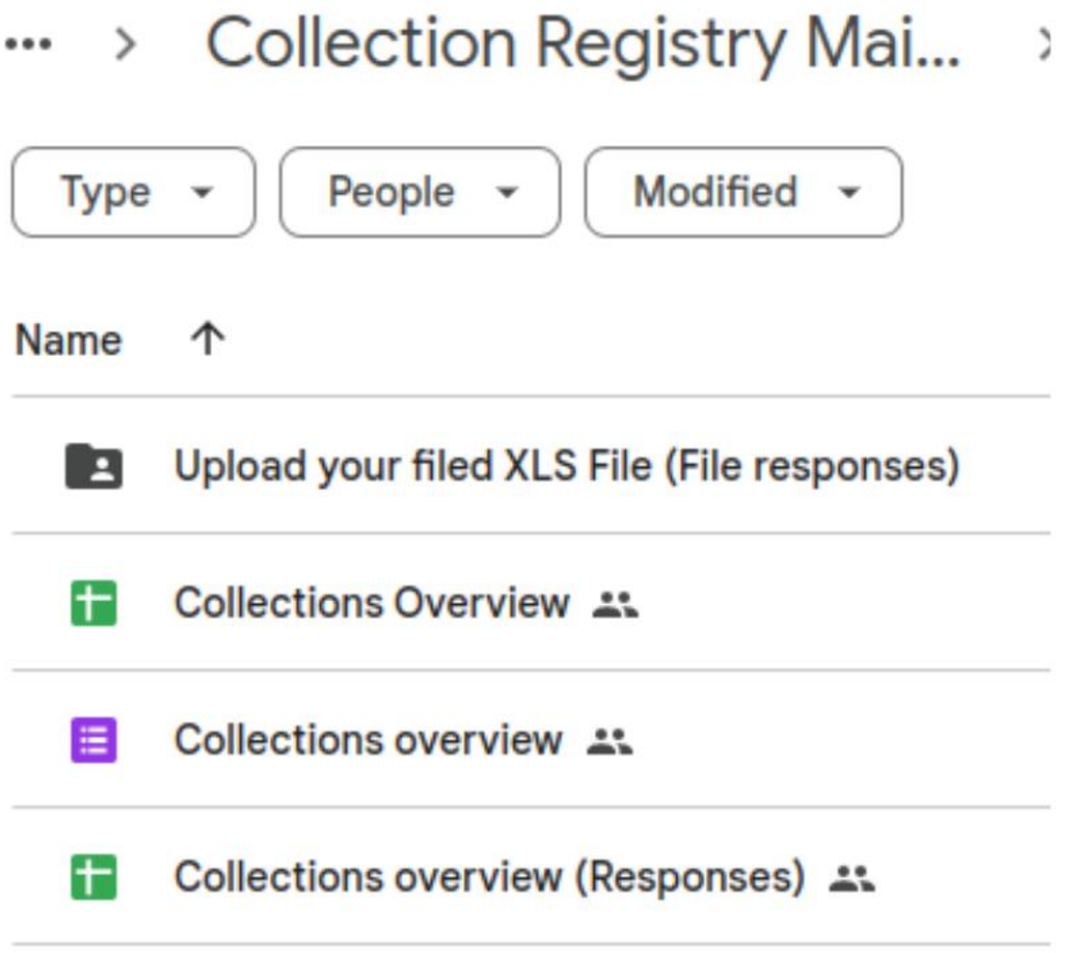
Upload your filed XLS File

The Google sheet template is available here. Please download it in XLS and fill the information offline.
Upload the filled spreadsheet when it is complete. Only one upload is allowed. Add the ISO code of the country and the acronym of the institution at the beginning of the file name e.g. "*BE-RBINS Collections Overview.xlsx*"

Add File




V2 - Google Drive
Institution Form Fina
Institution
Disciplines — C
docs.google.com/spreadsheets/d/1DsAFnOKOOiz4b2x4jJO4yeVu34Hl1kHR0RJDed9CUt8/edit#gid=202
Collections Overview
File Edit View Insert Format Data Tools Extensions Help
Menus
100%
Defaul...
10
D6
COLLECTION OVERVIEW
DISCIPLINE
OBJECT QUANTITY (COUNT OR ESTIMATE)
Uncertainty Level
Anthropology
Algae, Fungi, Plants (Old Botany)
Extraterrestrial
Geology
Microorganisms
Palaeontology
Zoology Invertebrates
Zoology Vertebrates
Other Geo/Biodiversity
0 Not defined
1 Exact value
2 Good estimation (10% uncertainty)
3 Approximation (uncertainty between 20% and 50%)
4 Guestimate (uncertainty greater than 50%)
Add
1000
more rows at the bottom


Collection Registry Mai...
Type
People
Modified
Name
Upload your filed XLS File (File responses)
Collections Overview
Collections overview
Collections overview (Responses)

Form completion

The form state is *

- ◯ Draft (The form will be saved during 30 days as a draft but reased)
- ◯ Complete and it can be exported to the central repository

A copy of your responses will be emailed to the address that you provided.

Back | Submit | Clear form

Never submit passwords through Google Forms.

Trainings

Some content in this message has been blocked because the sender isn't in your Safe senders list. I trust content from forms-receipts-noreply@google.com. | Show blocked content

GF Google Forms <forms-receipts-noreply@google.com>
To: Patrick Semal

Google Forms

Thanks for filling in Trainings

Here's what was received.

Edit response

Trainings

The purpose of this form is for CETAF and/or DiSSCo members to provide data on the a training provided by the institution. Please fill in one form by training. The data will be uploaded to the CETAF registry collections platform and available for aggregation by DiSSCo and other platforms.

This form requires a valid google account to upload extra files. You can use your personal account or create a new one for this purpose.
The email address will be your contact email to modify your data in the future.

Email *

patrick.semal@naturalsciences.be

Contact person ORCID-ID *

ORCID-ID of the contact person who filled this form, e.g. 0000-0002-4048-7728. The public information of the ORCID portal will be reused avoiding multiple encoding.

Empty Google form
via menu (Initial Round)

Sending of data

Mutual update

Prefilled generator
Results update

Prefilled Google form
via menu (Update)

API JSON

Elastic Search Index

elasticsearch

Data to CETAF website

DiSSCo
Distributed System of Scientific Collections

GBIF

IPT Latimer Core
and/or
JSON Latim Core

CETAF
CONSORTIUM OF EUROPEAN TAXONOMIC FACILITIES

About Specimens Partners Literature DoeDat News and events Helpdesk

English

Table Gallery Map Download

Occurrence status | Scientific name | Year | Country or area : Congo, The Democratic Republic ... × | Issues and flags | more

488,710 results

Scientific name	Features	Country or area	Coordinates	Year	Basis of record	Dataset	Publisher
Bridelia ferruginea Benth.		Congo, The Democratic Republic of the	4.60S, 15.17E	2005	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Tarenna Gaertn.		Congo, The Democratic Republic of the		2005	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Cola millenii K.Schum.		Congo, The Democratic Republic of the	7.01N, 5.55W	2015	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Ritchiea albersii Gilg		Congo, The Democratic Republic of the		1951	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Landolphia camptoloba (K.Schum.) Pichon		Congo, The Democratic Republic of the	4.32S, 15.32E	2013	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Cucurbitaceae Cucurbitaceae indet.		Congo, The Democratic Republic of the		2014	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Craterispermum schweinfurthii Hiern		Congo, The Democratic Republic of the		2014	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Cyperaceae Cyperaceae indet.		Congo, The Democratic Republic of the	5.02S, 15.18E	2014	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Mitracarpus Zucc.		Congo, The Democratic Republic of the	4.98S, 15.15E	2014	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Murdannia Royle		Congo, The Democratic Republic of the	5.03S, 15.17E	2014	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Malvaceae Malvaceae indet.		Congo, The Democratic Republic of the		2014	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Hymenocoleus scaphus (K.Schum.) Robbr.		Congo, The Democratic Republic of the	2.44N, 25.06E	2015	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Blighia welwitschii (Hiern) Radlk.		Congo, The Democratic Republic of the	5.63S, 13.10E	2015	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Petersianthus macrocarpus (P.Beauv.) Liben		Congo, The Democratic Republic of the	5.62S, 13.10E	2015	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden
Haplocoelum congolanum Hauman		Congo, The Democratic Republic of the	2.70S, 25.14E	2015	Preserved specimen	Meise Botanic Garden Herbarium (BR)	Meise Botanic Garden

SEARCH BY INSTITUTIONS | SEARCH BY COLLECTIONS | SEARCH BY FACILITIES | SEARCH BY EXPERTISE

Search By Collections

Filters

Select Institution

Select Main category

Select Discipline

Select Area

Select country

Reset

Show 10 entries

Global search

Main Category	Discipline	Geographical Areas	Country	Specimen Count	Institution	Manager of the Collection	More infos

WP 3: Standardization of the data and metadata

Aligned with DT WP3, Data Infrastructure & Core Services / WP4, International Collaboration on (data) standards

(Month 1 – Month 24)

- **T.3.1. The Collections persistent identifiers (M 1 – 12) - RBINS**
  - *Use the diversity of the Belgian collections to develop and test a standardized identification of the collections*
  - *Propose a dedicated strategy and tailored tools to the DiSSCo community.*
- **T.3.2. The Collection descriptors and the use of the Latimer Core (M 1 – 18) - RBINS**
  - *Align the Collection registry with the Latimer Core.*
- **T.3.3 The standardization of the Multimedia files (M 1 – 24) – RMCA**
  - *Evaluate and propose a way of standardization for most of the digitized files produced by the digitization programs.*

- RBINS (5.5 PM) (in-kind 3.5 PM)
- **RMCA (Leader) (6 PM) (in-kind 2 PM)**
- CETAF (in-kind 1.1 PM)
- Meise BG (in-kind 1.1 PM)
- Belgian Biodiversity Platform (in-kind 3 PM)
- ULiège (in-kind 0.1 PM)
- UMons (in-kind 0.1 PM)

T.3.1. The Collections persistent identifiers (M 1 – 12) - RBINS

BE-RBINS VER-AMP

Public collection

Code BE-RBINS VER-AMI

Unique identifier

Name Amphibia

Institution **Royal Belgian Institute of Natural Sciences**

Collection type physical

Conservator **Olivier Pauwels**

Staff Member Choose Staff Member

Parent collection BE-RBINS Vertebrates

Identifiers

Protocol	Value
GRSciColl CODE	VER-AMP
GRSciColl UUID	66086cb4-eeb7-4cff-b85f-463a56401dbb

Add

VER

https://forms.gle/wK2wBpHE1T9DLDAe7

The purpose of this form is for CETAF and/or DiSSCo members to provide data about their collection of Vertebrates Zoology.

The data will be uploaded to the CETAF registry and will be aggregated by DiSSCo and GRSciColl.

VER Digitisation

https://forms.gle/chcZFpDK16zAJFzg7

The purpose of this form is for CETAF and/or DiSSCo members to provide data about the digitisation of the collection of Zoology Recent vertebrates.

The data will be uploaded to the CETAF registry and will be aggregated by DiSSCo and GRSciColl.

VER-FIS Fishes

https://forms.gle/kSogpZNewZRqmzYV6

The purpose of this form is for CETAF and/or DiSSCo members to provide data about their collection of fishes.

The data will be uploaded to the CETAF registry and will be aggregated by DiSSCo and GRSciColl.

VER-AMP Amphibians

https://forms.gle/2Qufro1bh87kpJy97

The purpose of this form is for CETAF and/or DiSSCo members to provide data about their collection of amphibians.

The data will be uploaded to the CETAF registry and will be aggregated by DiSSCo and GRSciColl.

VER-REP Reptiles

https://forms.gle/PQaiJY28iSxCAKT77

The purpose of this form is for CETAF and/or DiSSCo members to provide data about their collection of reptiles.

The data will be uploaded to the CETAF registry and will be aggregated by DiSSCo and GRSciColl.

VER-BIR Birds

https://forms.gle/cCXnNJBMirDtb4ZdA

The purpose of this form is for CETAF and/or DiSSCo members to provide data about their collection of birds.

The data will be uploaded to the CETAF registry and will be aggregated by DiSSCo and GRSciColl.

VER-MAM Mammals

https://forms.gle/vL76sw5k1XkiuV52A

The purpose of this form is for CETAF and/or DiSSCo members to provide data about their collection of mammals.

The data will be uploaded to the CETAF registry and will be aggregated by DiSSCo and GRSciColl.

VER-VGR Genetic Resources

https://forms.gle/2YHiqNDr1r1wWHu78

The purpose of this form is for CETAF and/or DiSSCo members to provide data about their collection of Vertebrates Genetic Resources including human evolution.

The data will be uploaded to the CETAF registry and will be aggregated by DiSSCo and GRSciColl.

VER-OTH Other

https://forms.gle/WG3AoDTj3332qewH9

The purpose of this form is for CETAF and/or DiSSCo members to provide data about their collection of mammals.

The data will be uploaded to the CETAF registry and will be aggregated by DiSSCo and GRSciColl.

T.3.2. The Collection descriptors and the use of the Latimer Core (M 1 – 18)

Latimer Core (LtC) is a data standard for describing collections, proposed by the Collection Descriptions Task Group. It has been designed to support the representation and discovery of groups of items that are encompassed in collections and their subcomponents. The LtC classes and their properties (collectively called terms) aim to represent information that describes these groups of things in enough detail to inform deeper discovery of the resources they contain.

Getting started

- Normative Term List
- Quick Reference Guide
- The LtC Wiki provides an overview of Latimer Core's structure and purpose
- See how classes fit together in the Standard Browser.
- Add or join a Discussion

Public Review

Public Review has concluded! Thank you to all that participated. W *Last Updated: February. 22, 2024*

Title : Latimer Core List of Terms

Date version issued : yyyy-mm-dd

Date created : yyyy-mm-dd

Part of TDWG Standard : http://www.tdwg.org/standards/643

This version : http://rs.tdwg.org/ltc/doc/list/yyyy-mm-dd

Latest version : http://rs.tdwg.org/ltc/doc/list/

Abstract : Latimer Core (LtC) is a data standard designed to support the representation, discovery and communication of natural science collections. A Latimer Core record may represent a grouping of objects at any level of granularity above the level of a single object, from an entire collection of an institution to a few objects in a single drawer. The classes within the standard aim to allow the high-level representation of any given collection by providing a framework within which the defining characteristics shared by objects in the collection can be described. Among others, these include their taxonomic, geographic, stratigraphic and temporal coverage, and a framework for adding quantative metrics and narratives to help to quantify and describe the collections.

The creation of collection-level records is intended to promote visibility and use of items in collections that are otherwise wholly or partially undigitised at a granular level. This document contains a list of attributes of each Latimer Core term, including a documentation name, a specified IRI, a recommended English label for user interfaces, a definition, and some ancillary notes.

Contributors : Matt Woodburn, Kate Webbink, Janeen Jones, Sharon Grant, Deborah Paul, Maarten Trekels, Quentin Groom, Sarah Vincent, Gabi Droege, William Ulate, Mike Trizna, Niels Raes, Jutta Buschbom

Creator : TDWG Collection Descriptions (CD) Interest Group

Bibliographic citation : Latimer Core Maintenance Group. 2022. Latimer Core List of Terms. Biodiversity Information Standards (TDWG). http://rs.tdwg.org/ltc/doc/list/yyyy-mm-dd

On this page

Requirements

The tables below provides a summary of the required classes and terms in Latimer Core. Term requirements are subject to the use of the parent class where a term that belongs to an optional class are required if and only if, their parent class is in use.

Required Classes

Class	Label	Required
ltc:LatimerCoreScheme	Latimer Core Scheme	True
ltc:ObjectGroup	Object Group	True
ltc:RecordLevel	Record Level	True

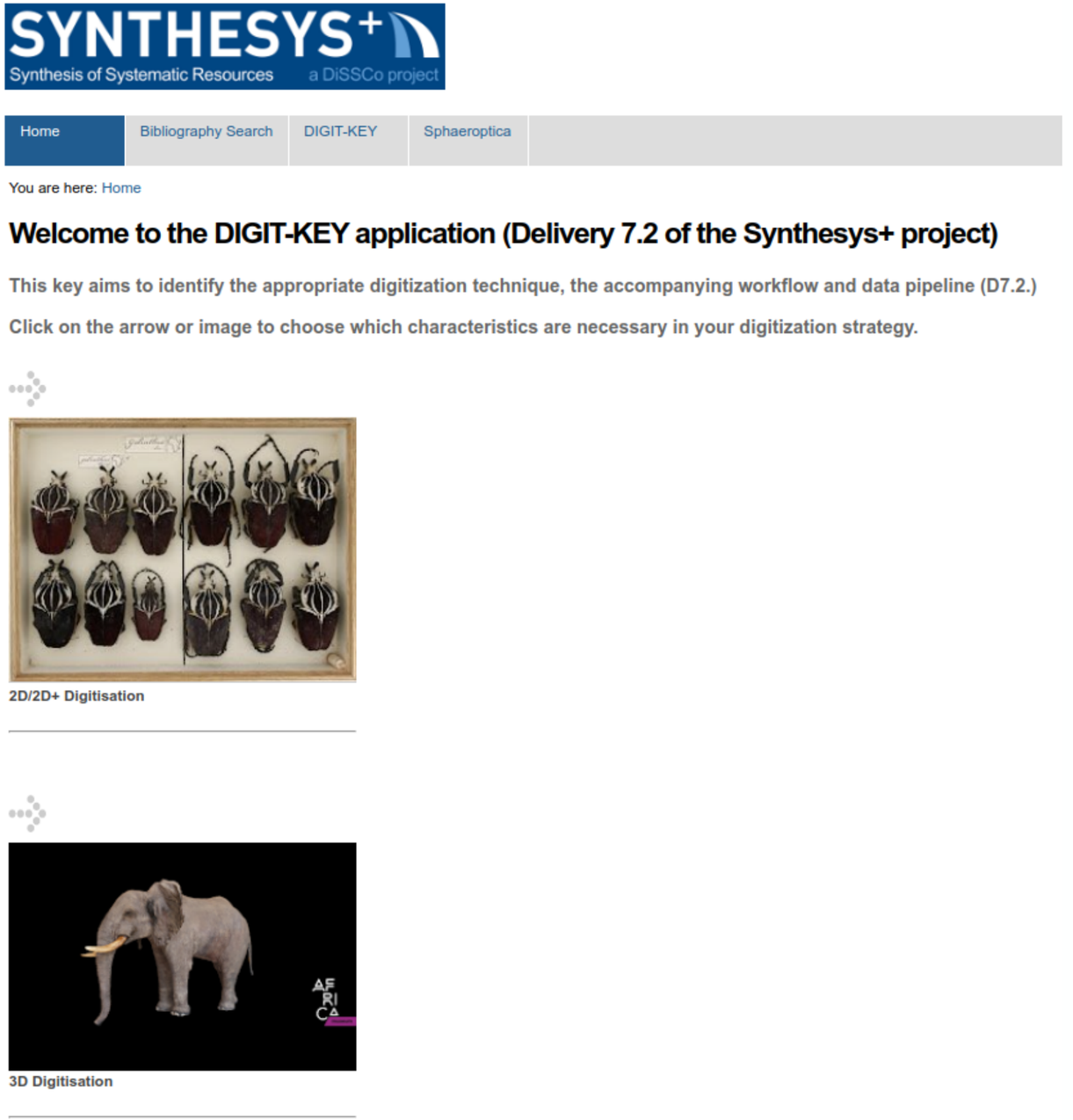
Required Terms

Term	Label	Class	Required
schema:streetAddress	Street Address	Address	True
schema:addressCountry	Address Country	Address	True

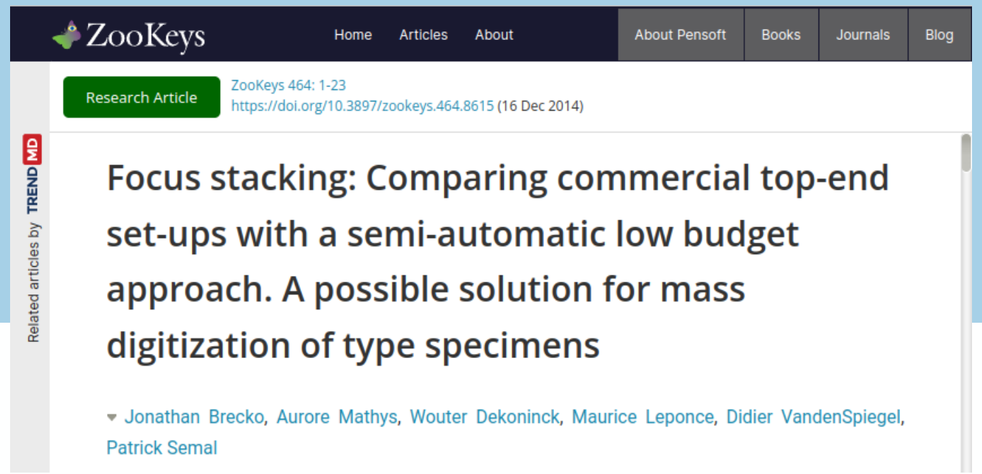
GBIF

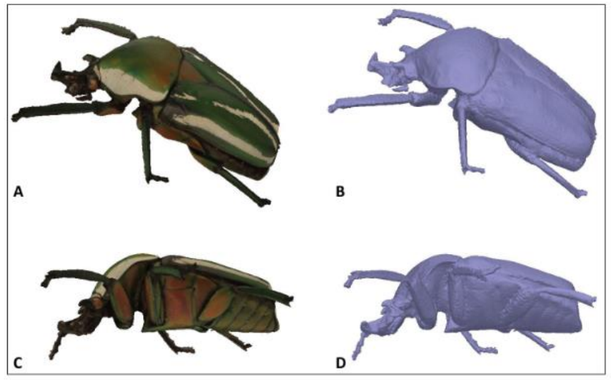

GRSciColl
Institutions
Collections
Specimens
About
How-to
Contact
Global
Registry
of Scientific
Collections
A worldwide catalogue of scientific collections
Institution name
Digitized specimens
Search institutions
Getting started?
Institutions in Belgium

Digitisation Workflows



Digitisation of small specimens





Brecko J., Mathys A., Dekoninck W., Leponce M., Vanden Spiegel D. & Semal P., 2014. Focus stacking: Comparing commercial top-end set-ups with a semi-automatic low budget approach. A possible solution for mass digitization of type specimens Zookeys, 464:1-23.

You are here: Home / DIGIT-KEY / Setups / 3D / Sfm photogrammetry / SfM of smal specimens

The specimen is too small to use normal macro photography. The depth of field is too shallow, so it is necessary to combine focus stacking together with the principles of SfM. For each view (about 80-120 for a full specimen) it is necessary to conduct focus stacking. The process is quite long. It takes about 3h to take all the necessary images. There are three systems that can perform this task and are (semi-)automatic. As this is quite a technical approach it is best to check the information op p45 of the 3D handbook (https://europeanjournaloftaxonomy.eu/index.php/ejt/article/view/895)


Zoosphere (MfN)


Disc3D


Manual 3D Focus stacking / SfM setup


scAnt (RBINS)

The alternate setups

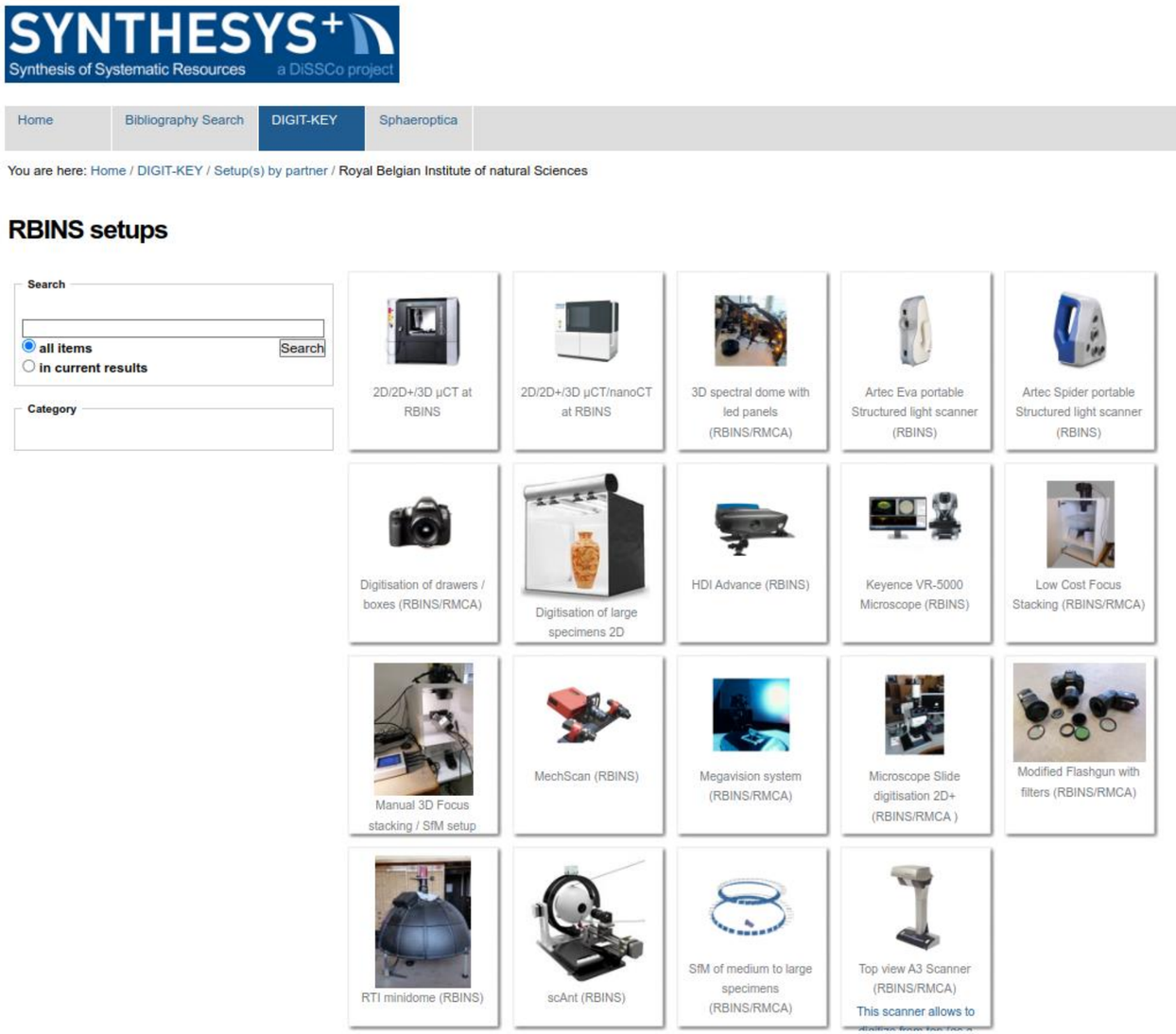
µCT

Structured light

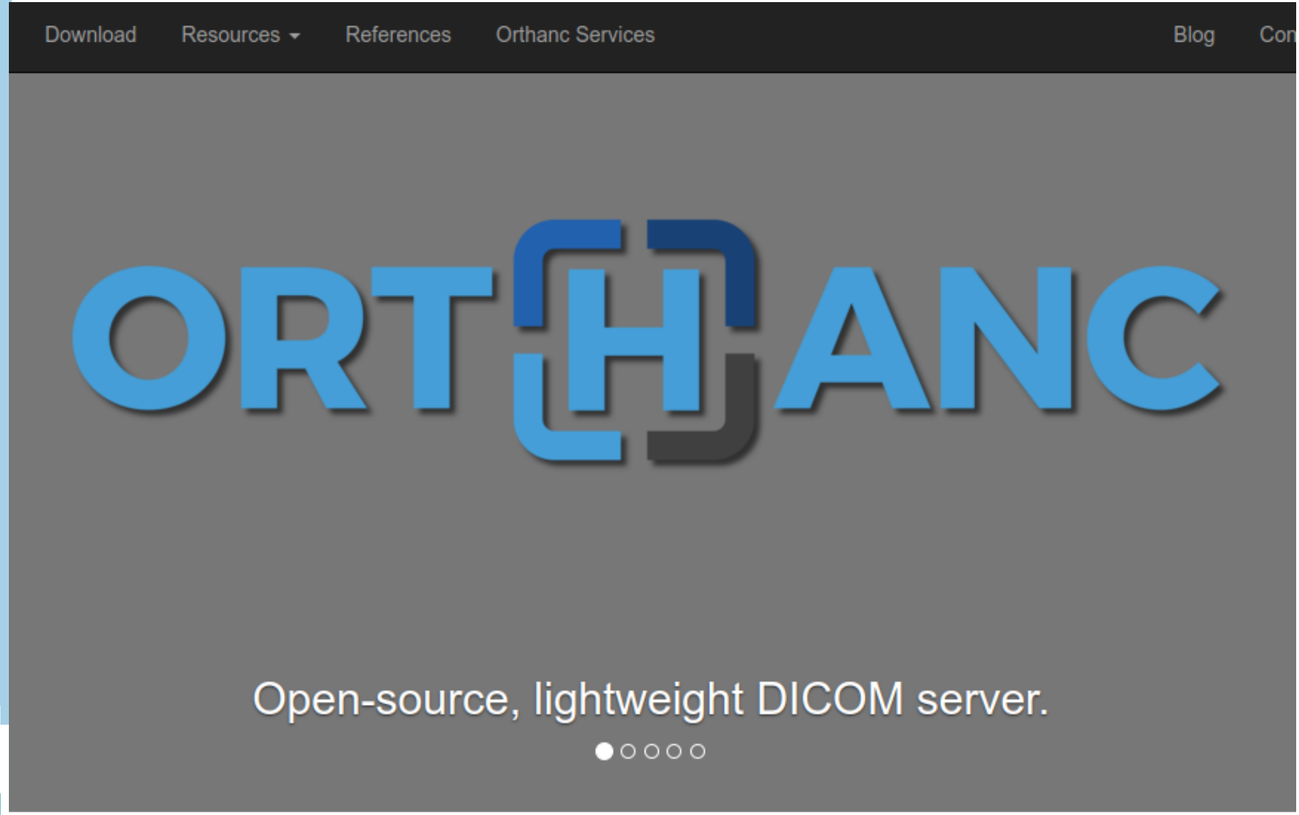
Digitisation Setups RBINS/RMCA

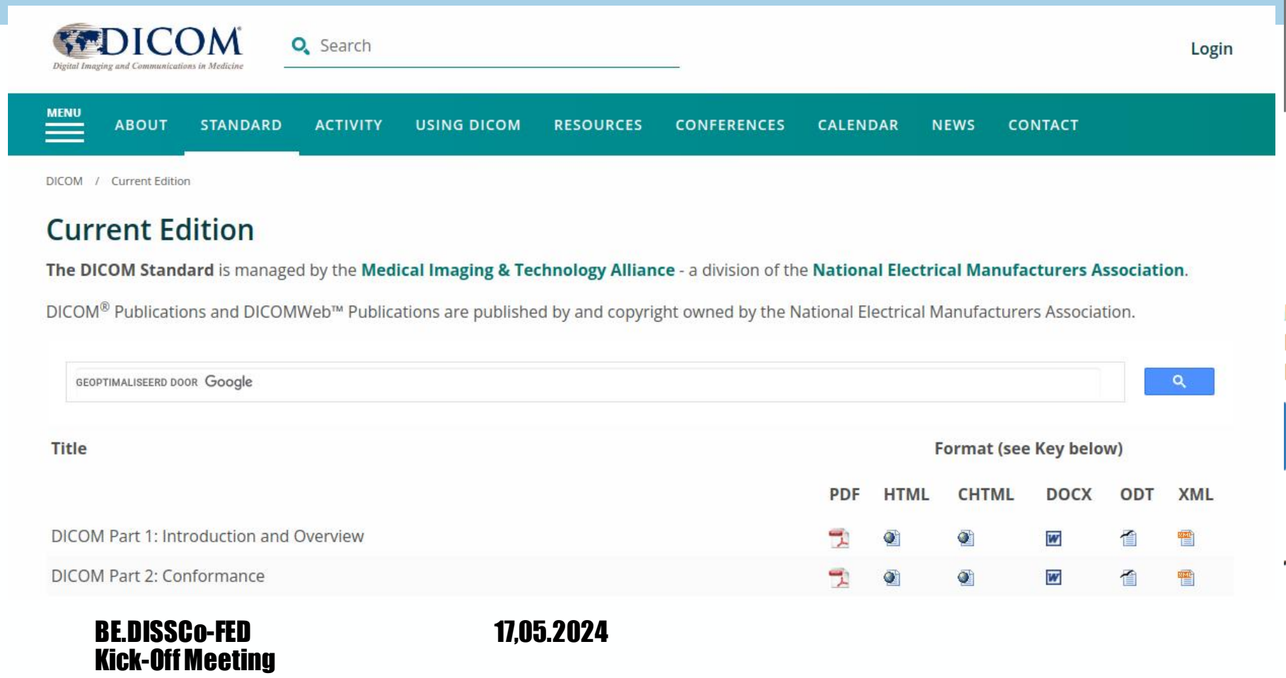
- Many different workflows
- Many different formats
- Many different set of data and metadata

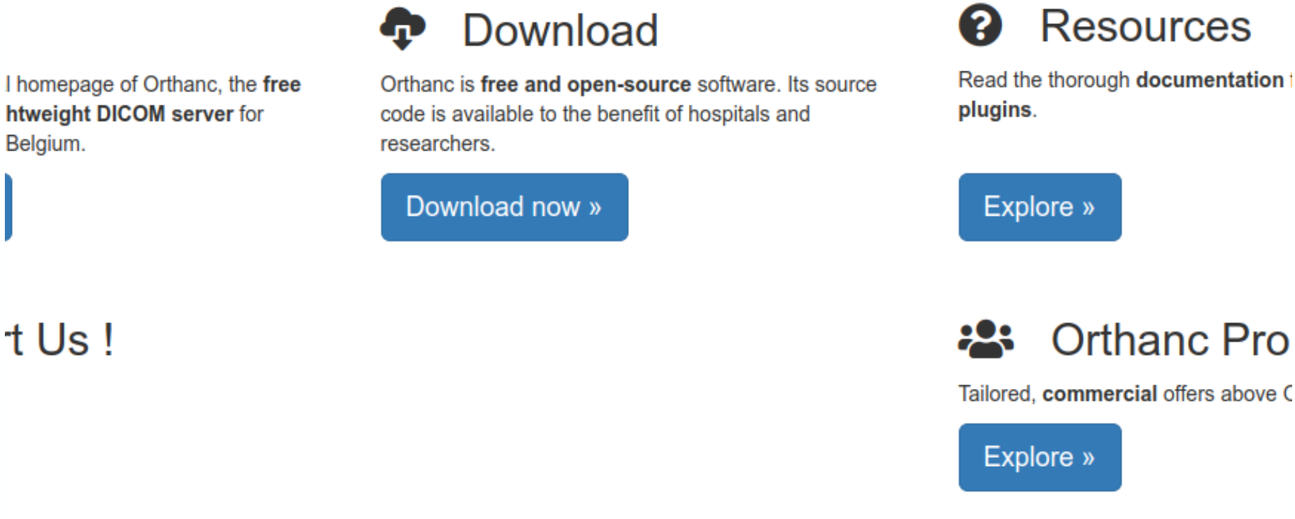
- In DiSSCo, the virtual twins are independent objects with independent "life" …
- Need for standardisation and common tools/standards



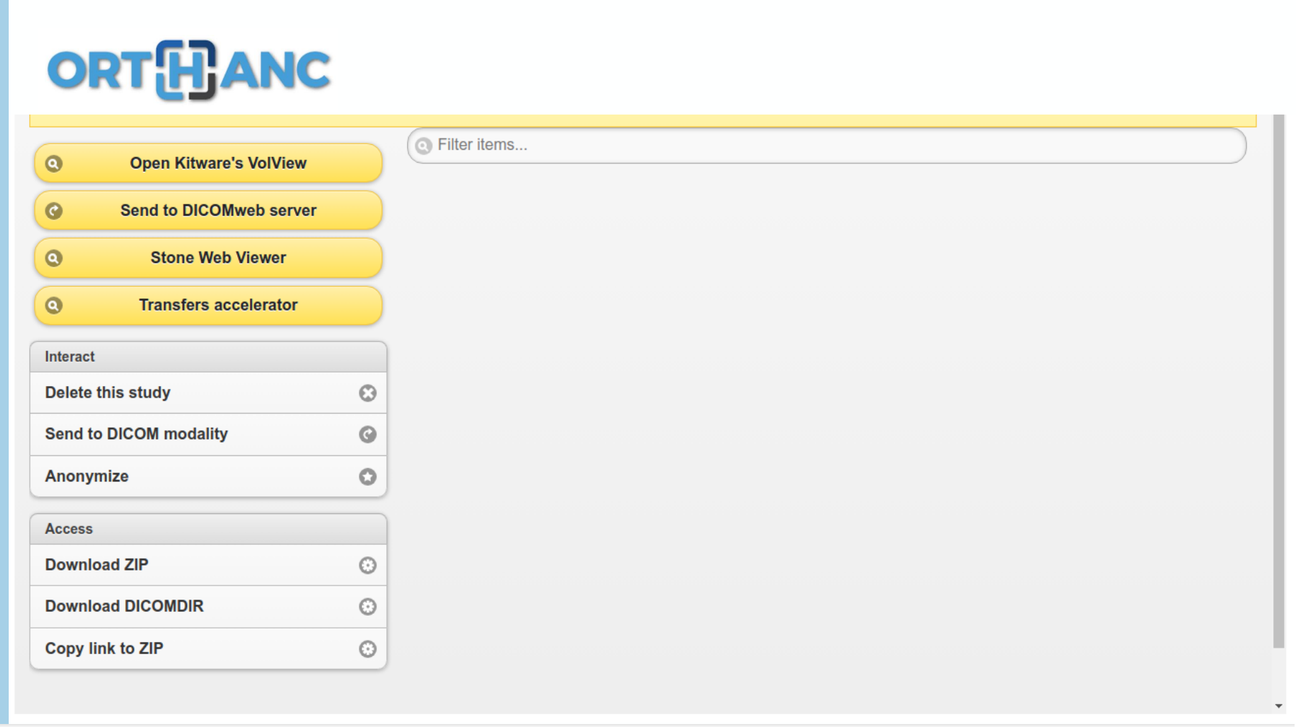
- **T.3.3**
  The standardization of the Multimedia files (M 1 – 24) – RMCA

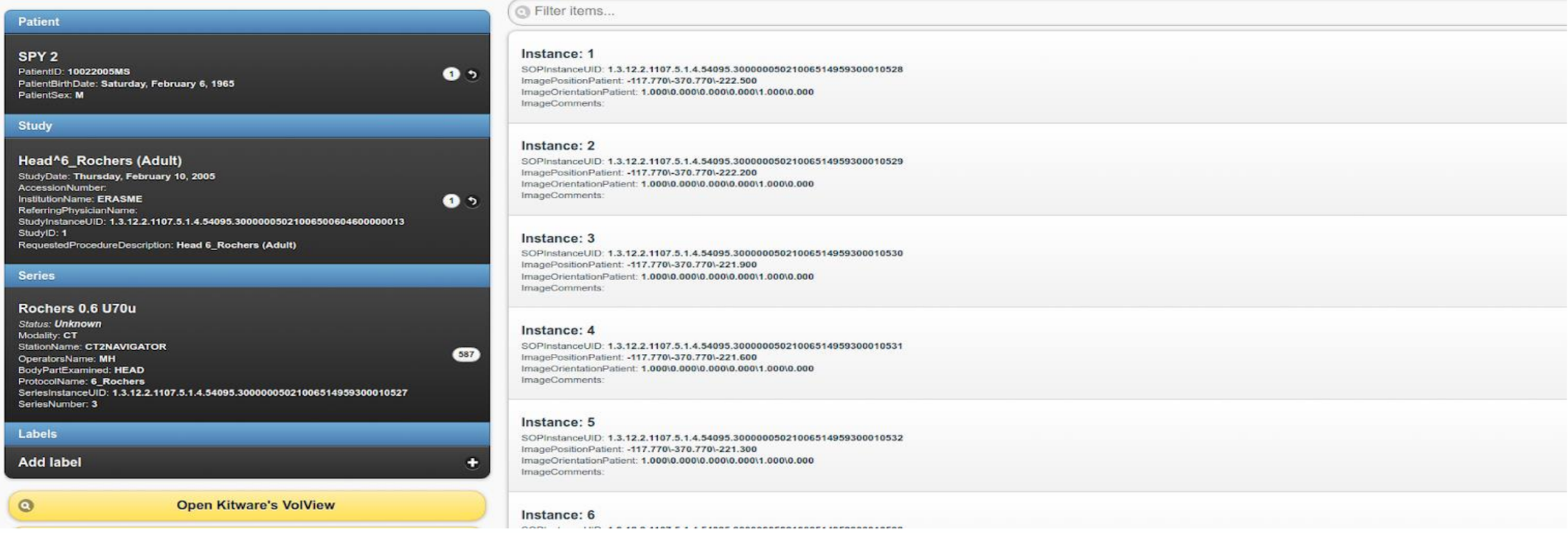






- **T.3.3**
  The standardization of the Multimedia files (M 1 – 24) – RMCA





ORTHANC

Patient

SPY 2
PatientID: **10022005MS**
PatientBirthDate: **Saturday, February 6, 1965**
PatientSex: **M**

Study

Head^6_Rochers (Adult)
StudyDate: **Thursday, February 10, 2005**
AccessionNumber:
InstitutionName: **ERASME**
ReferringPhysicianName:
StudyInstanceUID: **1.3.12.2.1107.5.1.4.54095.30000005021006500604600000013**
StudyID: **1**
RequestedProcedureDescription: **Head 6_Rochers (Adult)**

Series

Rochers 0.6 U70u
Status: ***Unknown***
Modality: **CT**
StationName: **CT2NAVIGATOR**
OperatorsName: **MH**
BodyPartExamined: **HEAD**
ProtocolName: **6_Rochers**
SeriesInstanceUID: **1.3.12.2.1107.5.1.4.54095.30000005021006514959300010527**
SeriesNumber: **3**

Instance

Instance: 3
SOPInstanceUID: **1.3.12.2.1107.5.1.4.54095.30000005021006514959300010530**
ImagePositionPatient: **-117.770\-370.770\-221.900**
ImageOrientationPatient: **1.000\0.000\0.000\0.000\1.000\0.000**
ImageComments:

Labels

Add label

Send to DICOMweb server

Export to NIfTI

DICOM Tags

Show tag description

Meta header

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Dataset

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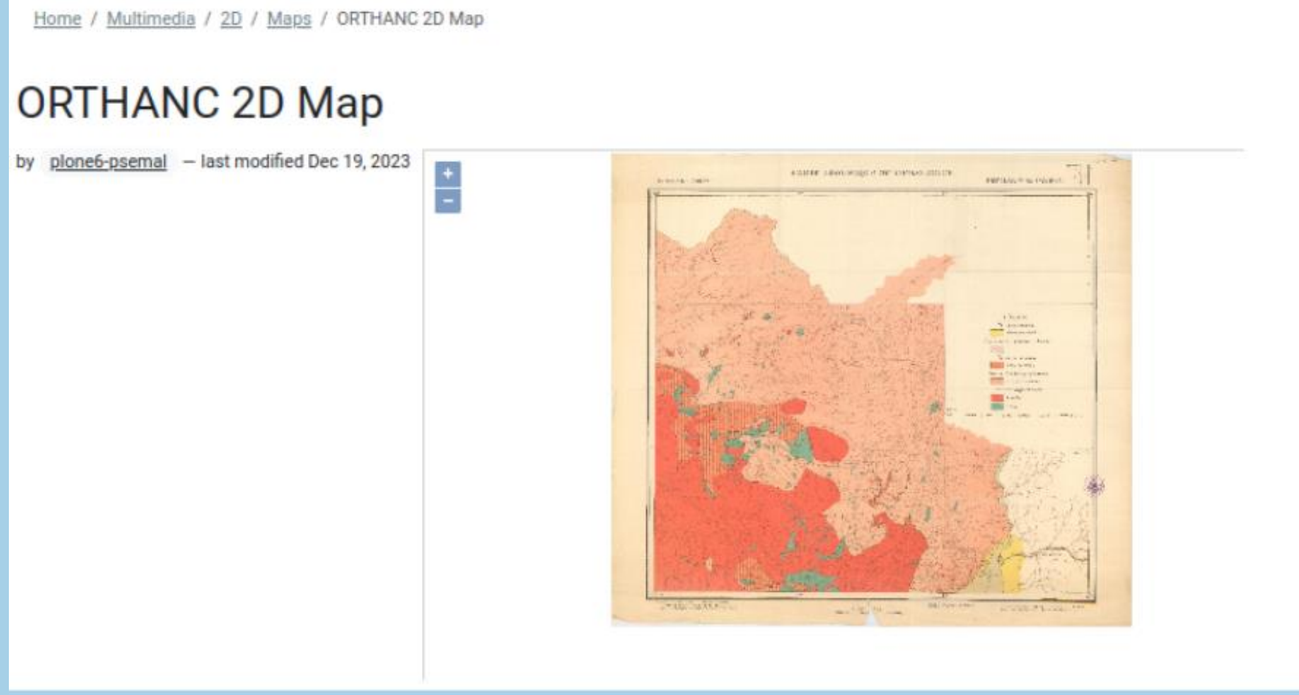
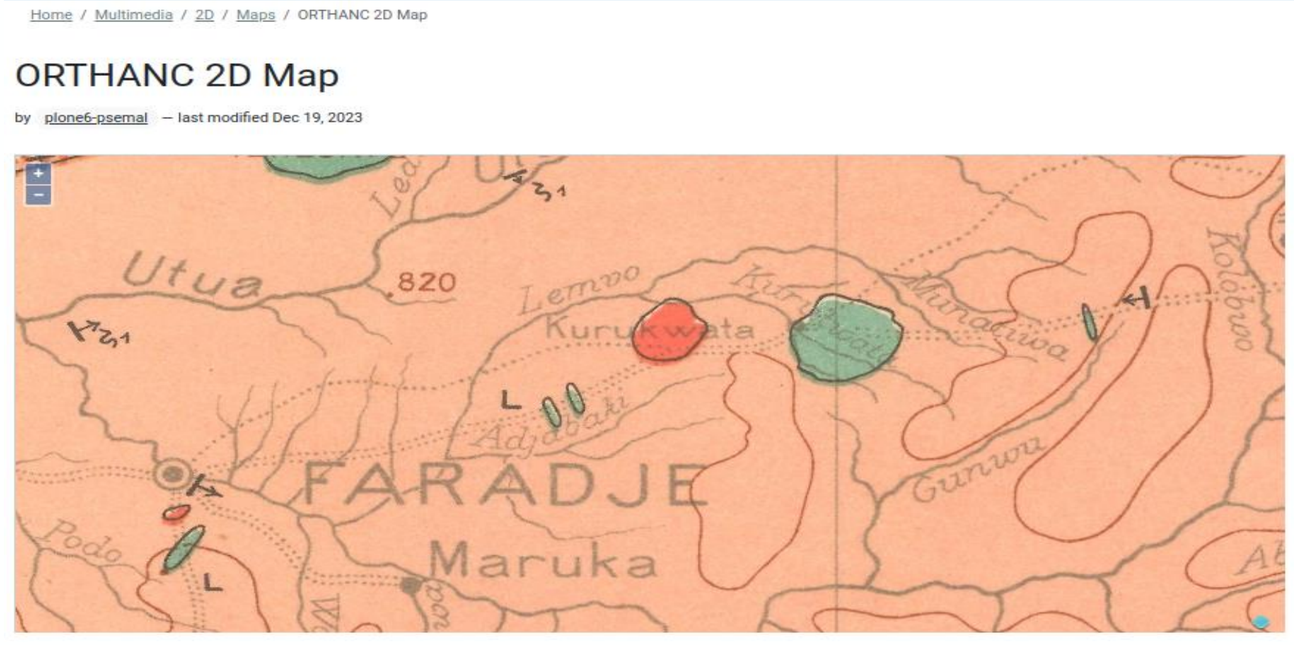
0008,0070 (*Manufacturer*): **SIEMENS**
0008,0080 (*InstitutionName*): **ERASME**
0008,0081 (*InstitutionAddress*): **Route de Lennik BRUSSEL/149909/ BRUSSEL BELGIUM**
0008,0090 (*ReferringPhysicianName*):
0008,1010 (*StationName*): **CT2NAVIGATOR**
0008,1030 (*StudyDescription*): **Head^6_Rochers (Adult)**
0008,103e (*SeriesDescription*): **Rochers 0.6 U70u**
0008,1050 (*PerformingPhysicianName*): **BR**
0008,1070 (*OperatorsName*): **MH**
0008,1090 (*ManufacturerModelName*): **Sensation 64**
▸ 0008,1140 (*ReferencedImageSequence*): []
0008,2111 (*DerivationDescription*): **Compress Pegasus JPEG Lossless**

- **T.3.3**
  DICOM and ORTHANC
  (M 1 – 24) – RMCA

- 2D Images
- Compatibles IIIF
- Mirador, seadragon, Open layer viewers

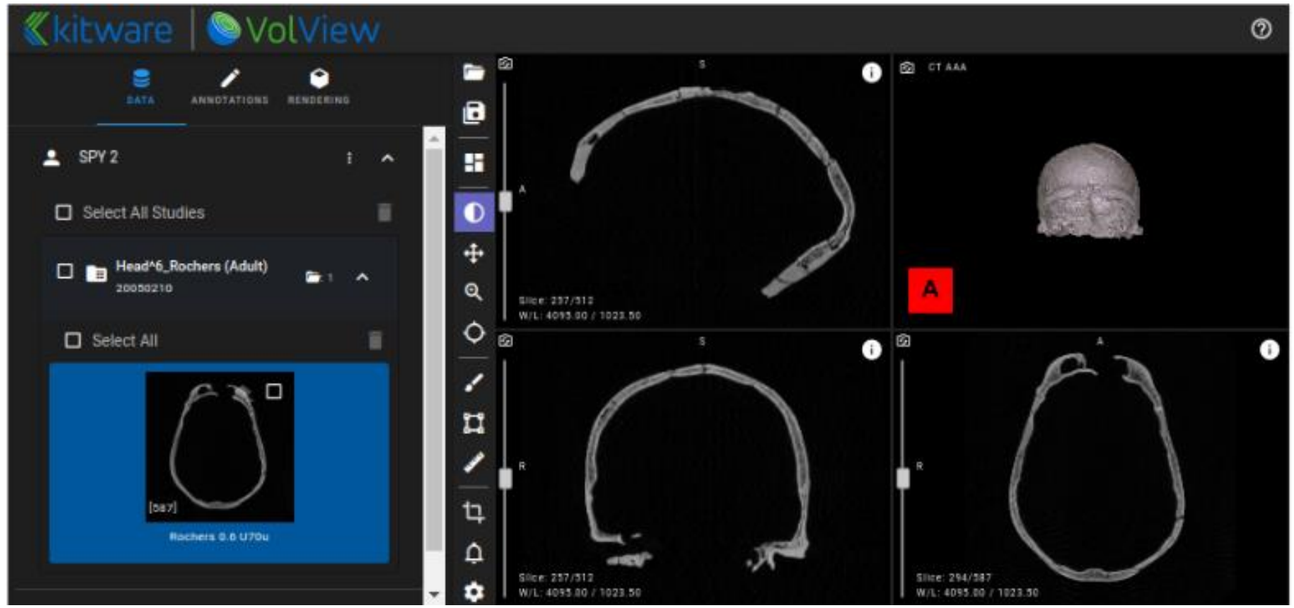


IIIF image using ORTHANC as server and OpenLayer as viewer



- **T.3.3**
  DICOM and ORTHANC
  (M 1 – 24) – RMCA

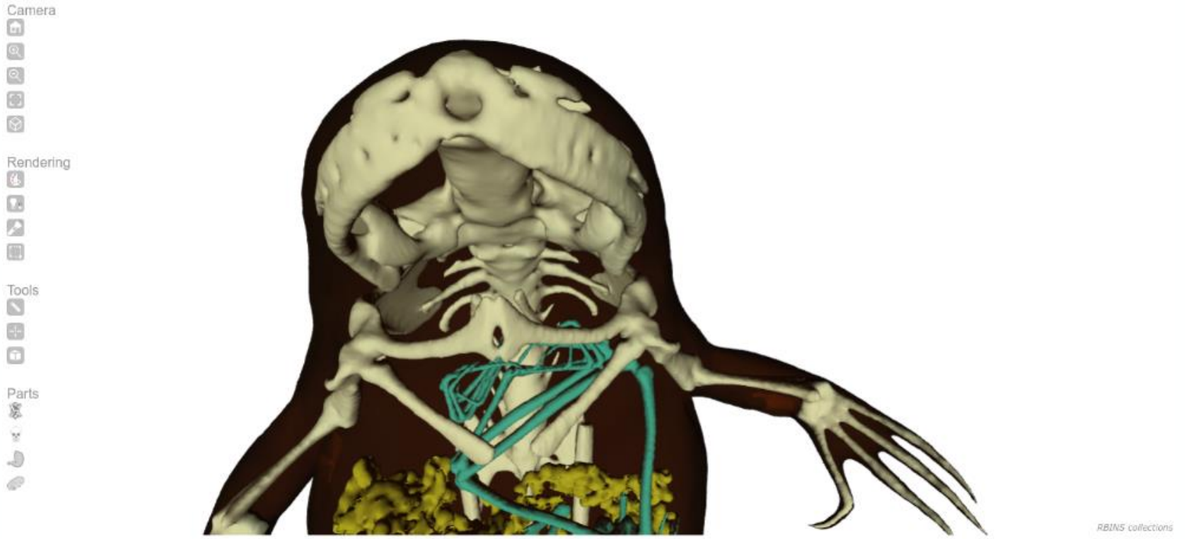
- 2D CT, Micro CT
- 2D + Stoneweb viewer
- 2D + and 3D Volview viewer (nvidia video card +++)



- **T.3.3**
  DICOM and ORTHANC
  (M 1 – 24) – RMCA

3D Surfacic model using ORTHANC as server and 3DHOP as viewer

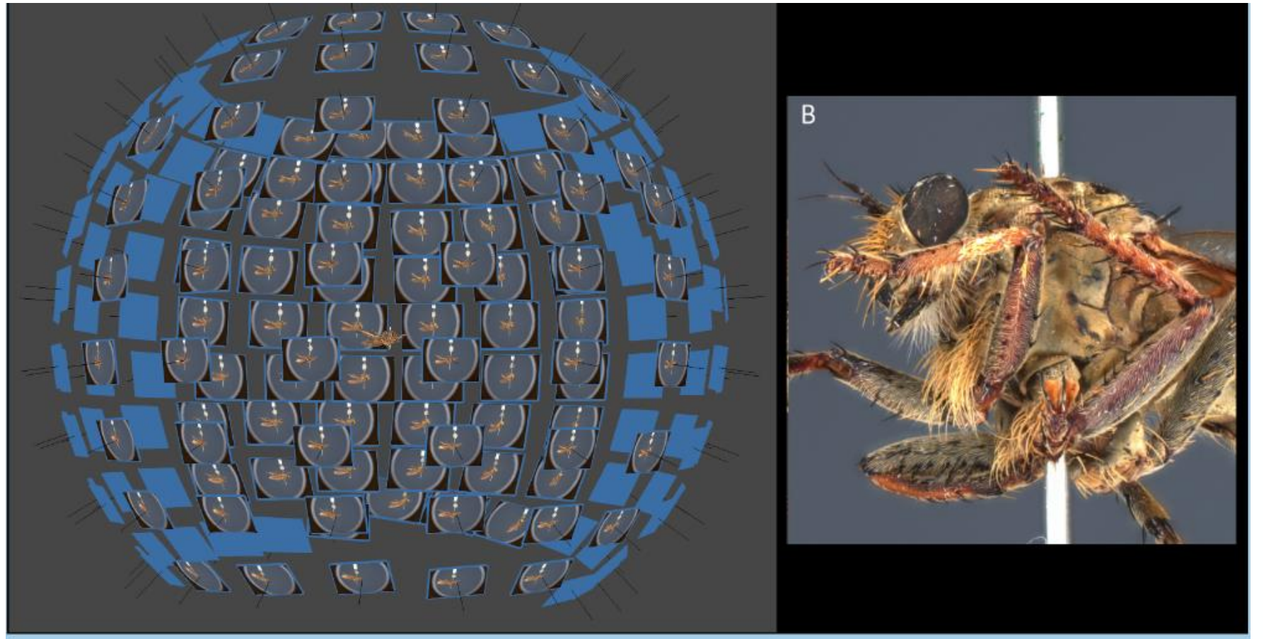
- 3D Surface models with texture (OBJ) or whitout (STL)
- 3D HOP and NXZ viewer
- Online 3Dviewer



3D Scene with surfacic models derived from microCT
using ORTHANC as server and 3DHOP as viewer

- **T.3.3**
  DICOM and ORTHANC
  (M 1 – 24) – RMCA

- 3D Surface models with texture (OBJ) or whitout (STL)
- 3D HOP and NXZ viewer
- Online 3Dviewer

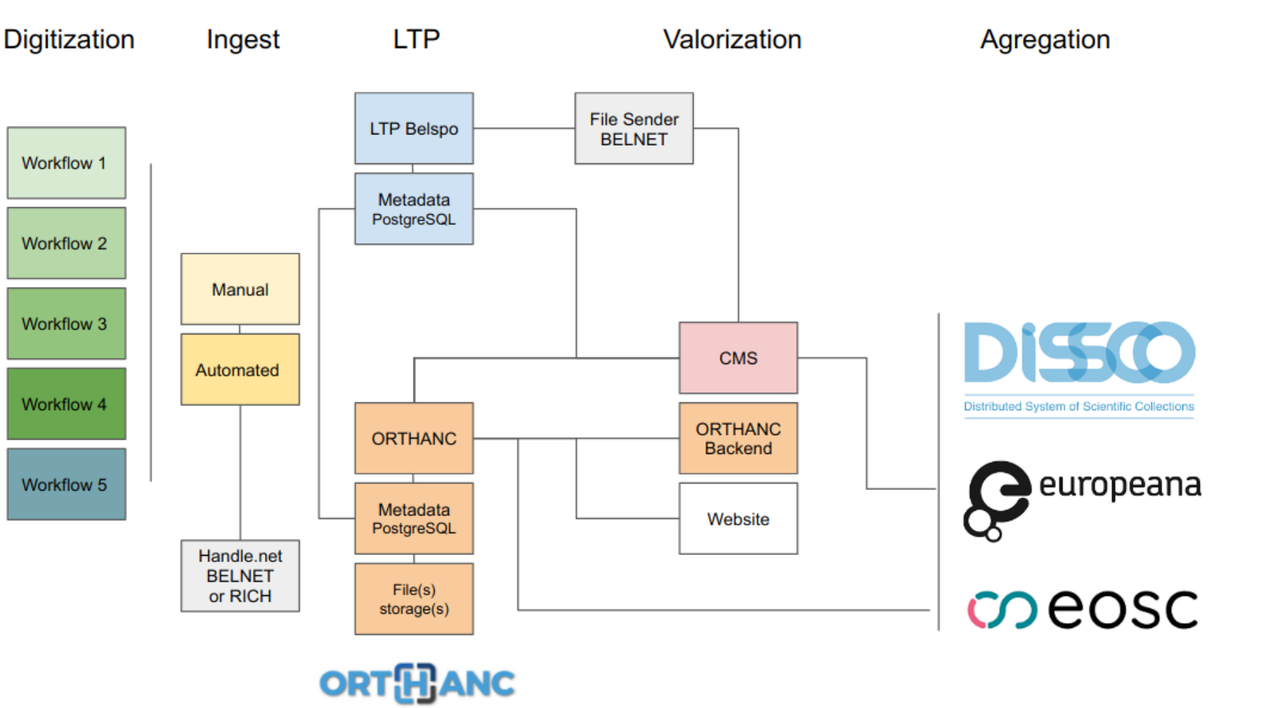


3D Sphere of 2D stacked images using ORTHANC as server and Sphaeroptica as viewer

3D landmarks on 2D stacked images using ORTHANC as server and Sphaeroptica as viewer

- **T.3.3**
  DICOM and ORTHANC

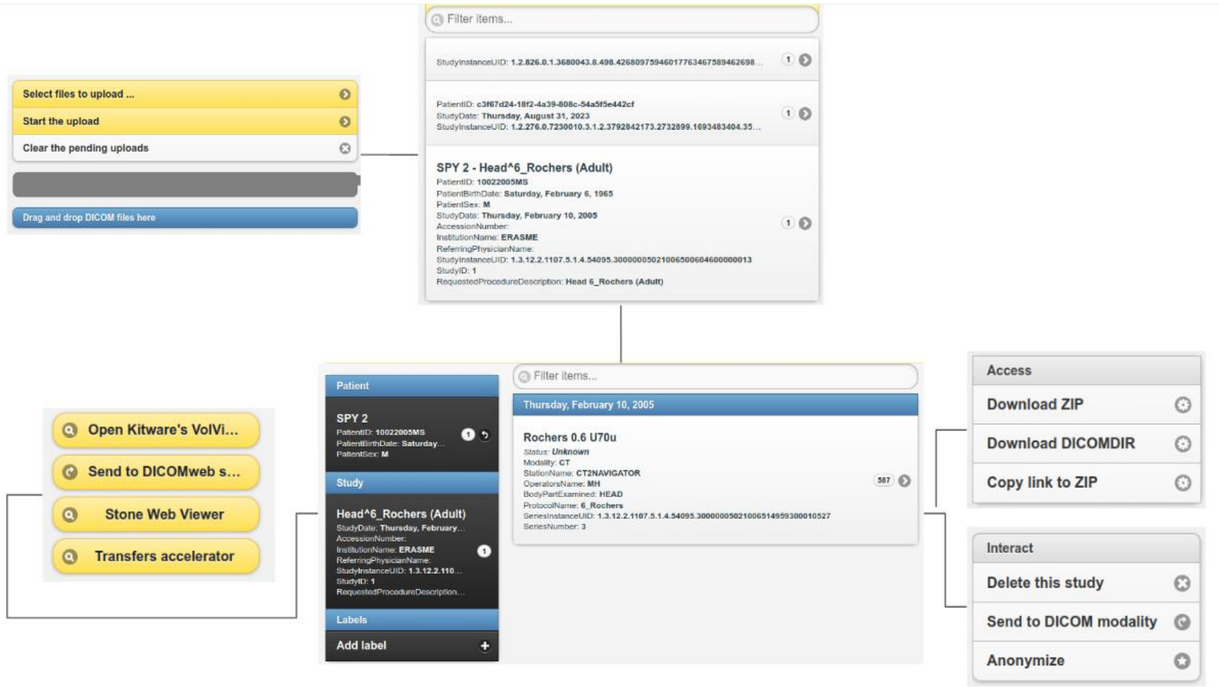
DIGIT-4 2024 Project



Standardized Multimedia server for the FSI's
According to the recommendations of the Data Spaces for Cultural Heritage and DiSSCo

ORTHANC

Partners : RBINS, Africamuseum, RMAH, RICH, KBR and OMA



Coffee Break 11:30 – 11:45

WP 4: Capacity building

(Month 1 – Month 12)

- **RBINS (Leader) (2 PM) (in-kind 2 PM)**
- RMCA (2.5 PM) (in-kind 3.5 PM)
- CETAF (in-kind 0.7 PM)
- Meise BG (in-kind 3 PM)
- Belgian Biodiversity Platform (in-kind 0 PM)
- ULiège (in-kind 0.4 PM)
- UMons (in-kind 0.4 PM)

- **T.4.1. Data and metadata collect of natural history collections (M 1 – 12) - RBINS**
  - *documentation and capacity building related to standardization of the data and metadata of the natural history collections description using the Latimer Core*
- **T.4.2. High Resolution Digitization of natural history specimens (M 1 – 12) – RMCA**
  - *This task aims at producing updated the best practices and several training courses related to the High-Resolution Digitization tools allowing scientists to digitize natural history specimens and to compare/export their data with/to the DiSSCo ecosystem.*
- **T.4.3 Use of the DaRWIN CMS (M 1 – 12) – RMCA**

- **T.4.4 Citizen Sciences Contributing to the digitization workflows (M 1 – 12) – RMCA**
  - *Some case studies will be developed in collaboration with the CANAHIST project using the Central Africa collections which are represented in the Belgian DiSSCo partners. [DoeDat]*

RBINS setups

Search

all items Search
in current results

Category

2D/2D+/3D µCT at RBINS

2D/2D+/3D µCT/nanoCT at RBINS

3D spectral dome with led panels (RBINS/RMCA)

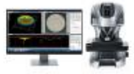
Artec Eva portable Structured light scanner (RBINS)

Artec Spider portable Structured light scanner (RBINS)

Digitisation of drawers / boxes (RBINS/RMCA)

Digitisation of large specimens 2D

HDI Advance (RBINS)



Keyence VR-5000 Microscope (RBINS)

Low Cost Focus Stacking (RBINS/RMCA)

Manual 3D Focus stacking / SfM setup

MechScan (RBINS)

Megavision system (RBINS/RMCA)

Microscope Slide digitisation 2D+ (RBINS/RMCA)

Modified Flashgun with filters (RBINS/RMCA)

RTI minidome (RBINS)

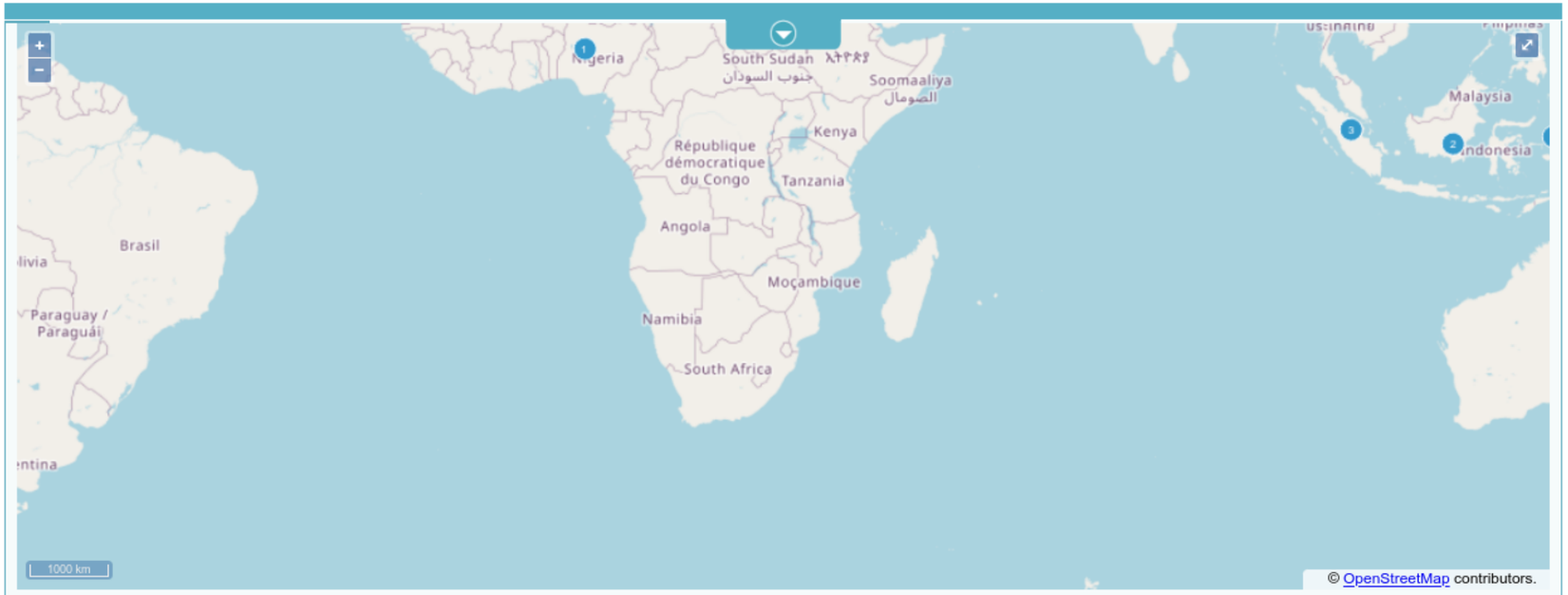
scAnt (RBINS)

SfM of medium to large specimens (RBINS/RMCA)

Top view A3 Scanner (RBINS/RMCA)

This scanner allows to

Specimen(s)



Natural Earth Administrative | Browse layers | Add layers | OpenStreetMap | Download PNG | 700 X 700

Select all	Actions	Codes	Taxon	Type	Sex	Stage	Building	Floor	Room	Row	column	Shelf	Container	Container Storage	Loans
		1	*Syngnathus phlegon Risso, 1827* valid				De Vestel	16	16C					alcohol	0
		1	*Salamandra salamandra terrestris de la Ville Lacépède, 1788* valid		Unknown	Adult	De Vestel	15	15C	13				alcohol	0
		1	*Hypsilurus dilophus (Meyer, 1874)* valid		Unknown	Unknown	De Vestel	14	14C	1				alcohol	0
		1	*Tachyglossus aculeatus (Shaw, 1792)* valid		Male		De Vestel	18	18A	1				unknown	0

Search
Specimen

Administration
Institution
People
Collection
Inventory
Expedition
Nagoya ABS

Item
Specimen
Taxonomy
Mineralogy
Lithology

Sampling
Location
Chronostratigraphy
Tools
Methods

Multimedia
Picture
Sound
3D Sketchfab
Morphosource
LTP
Video Youtube

Bibliography
DaRWIN
biblio.naturalsciences.be

Date from 01/01/0001 00:00:00

Codes

Category	Code
main	BE-RBINS-VZ-Aves - 178
Original and stable id	1175781
UUID	6372436b-f13f-452d-98ad-d7e02ff97841

View Specimen

Collection

BE-RBINS Vertebrates/Aves/Aves Types

I.G. number

3750

MIDS level

Mids level : **1**

Codes

Category	Code
main	BE-RBINS-VZ-Aves - 178
Original and stable id	1175781
UUID	6372436b-f13f-452d-98ad-d7e02ff97841

Taxonomy

Passerculus anthinus Bonaparte, 1853

Taxonomy: RBINS Reference

Type

Type specimen

Complete

Status Changed Register
Complete ? Yes

Stage

Stage undefined

Sex

Sex undefined
State not applicable

Sampling location

Station visible ? No
Sampling location code VERTEBRATES/3750
Latitude 57.466667
Longitude -153.433333
Date from 01/01/0001 00:00:00
Date to 31/12/2038 00:00:00
Sampling location Tags

Country - Administrative Area
United States
State - Administrative Area
Alaska
Island - Topographic Structure
Kodiak Island

Collectors

Comments

Notion : General

DarWIN : questions and answers

https://www.naturalheritage.be/darwin/QandA/#c2=all&b_start=0

NATURALHERITAGE.BE

Search Site Search
only in current section

You are here: Home / DaRWIN / Questions and Answers

Questions about the DaRWIN Collection Management System

Category

All (102) Attachments (10) Business model (7) Client-specific customization (8) DaRWIN (1) Data entry, import, export and validation (8) Data normalization/standardisation (9) Data querying (10) Geography (11) Legal requirements (2) Management tools (9) Public access (2) Technical details (8) Technical support and documentation (12) User management/security (6) VirtualCollections (1) Vision/main customers (4)

Show 100 entries Search: First Previous 1 2 Next Last

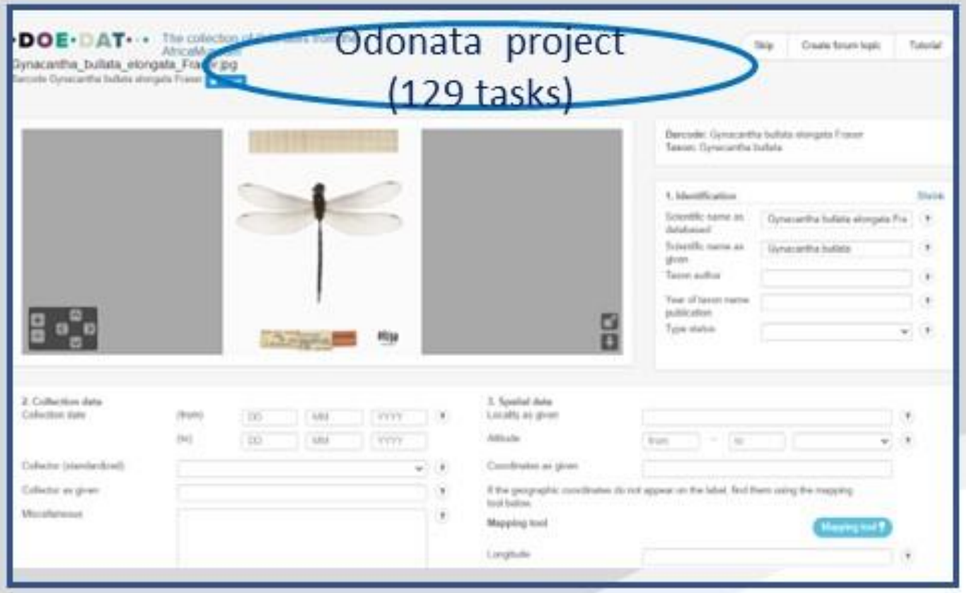
Items	tags
. 1. How many years has the CMS been in use?	Business model
. 2. How large is the current software development team?	Business model
. 3. What is the roadmap and schedule for future developments and new releases?	Business model
. 4. What is the CMS distribution approach (on-premise, cloud or hybrid)?	Business model
. 5. What kind of pricing model is applied?	Business model
. 6. Is the CMS open-source or proprietary?	Business model
. 7. How are change requests from users submitted and how are they prioritized?	Business model
. 8. How are users consulted about planned changes to the CMS?	Vision/main customers
. 9. What are the key characteristics that differentiate your CMS?	Vision/main customers
. 10. What are your target customers?	Vision/main customers
. 11. How many institutions are customers?	Vision/main customers
. 12. What is the underlying database system (e.g. MySQL/PostgreSQL/...)?	Technical details
. 13. Which other main technologies were used to build the CMS?	Technical details
. 14. Which operating systems are supported (Windows/Mac/Linux)?	Technical details
. 15. What are the system storage limits?	Technical details
. 16. What is the maximum number of users?	Technical details
. 17. What is the maximum number of concurrent users?	Technical details
. 18. How are backups and data recovery managed?	Technical details
. 19. Does the CMS support API's to communicate with different databases/applications? If so, what request methods are supported?	Technical details
. 20. Is there a customer helpdesk to deal with general questions and issues?	Technical support and documentation
. 21. Is the helpdesk email only or is telephone support also available?	Technical support and documentation
. 22. Is the helpdesk available year-round?	Technical support and documentation

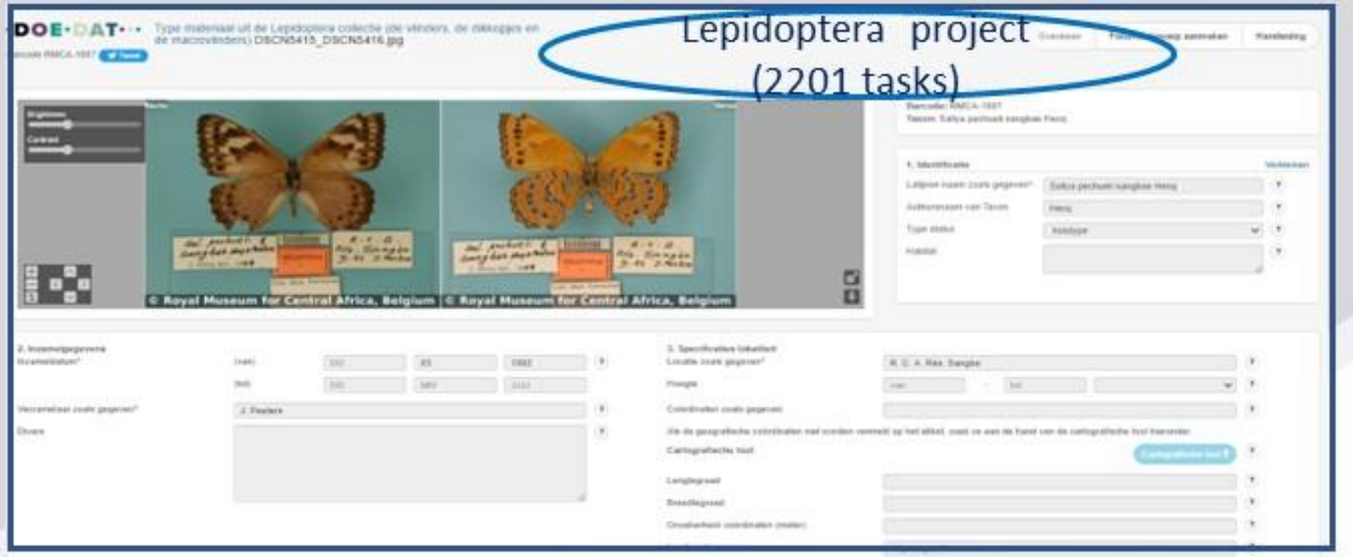
CS projects at AfricaMuseum

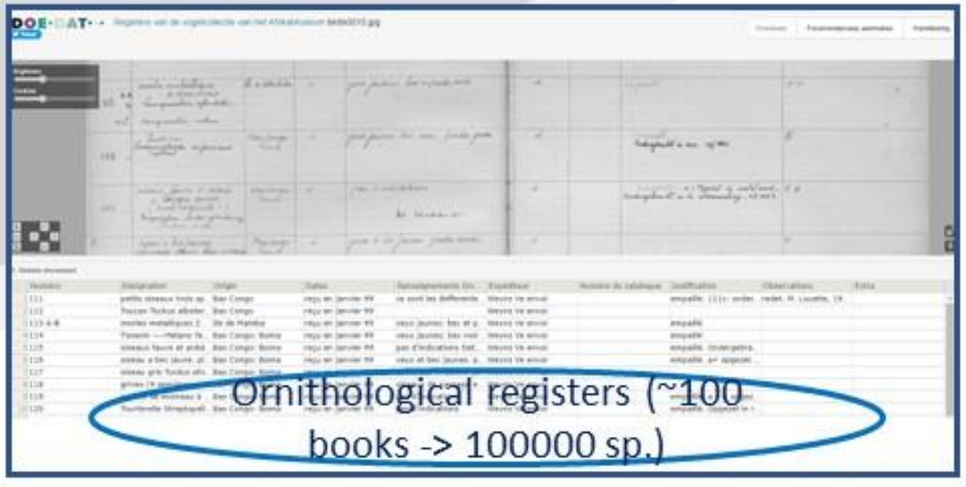
Collection and data management departement

Larissa Smirnova

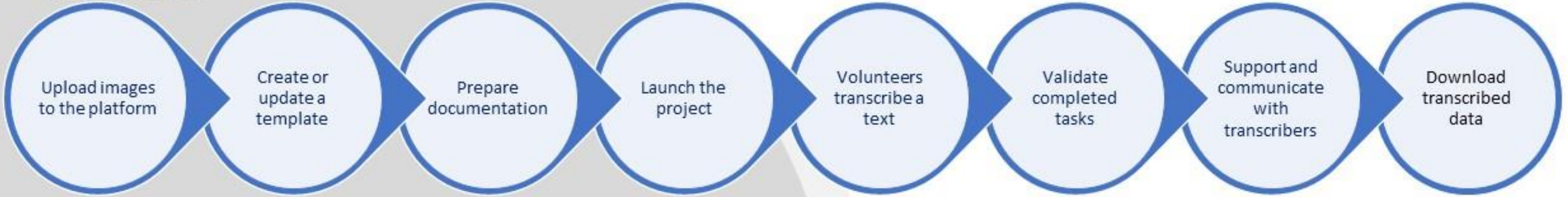
- On DoeDat crowdsourcing platform run by Meise Botanic garden (www.doedat.be).
- Transcription of text.







Workflow:

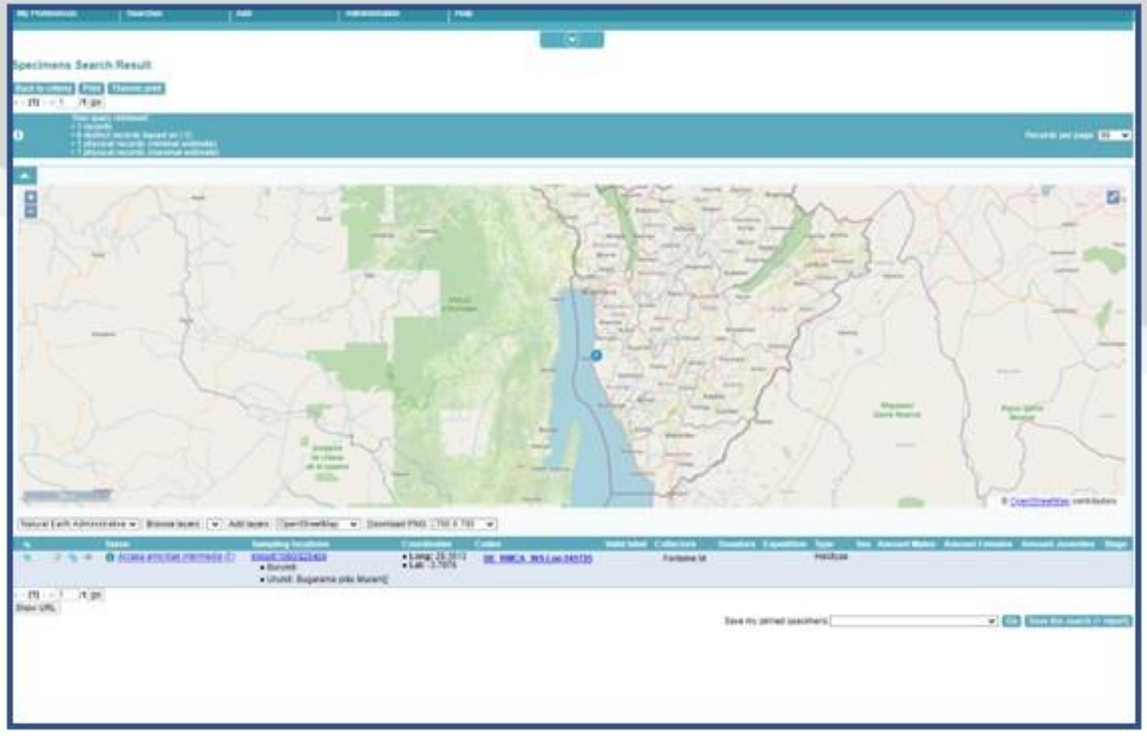


Essential:

- ✓ Prior digitization is required. Mainly internal, can also be done, for example, by visiting scientists.
- ✓ IT support needed (Meise, internal) to create template, upload the images, extract the outputs and for data quality manipulations.
- ✓ Manpower for project follow-up (validation, communication, promotion).

Outputs:

- The transcribed data are downloaded as csv. After cleaning, the data is uploaded
- to our collection management system **DaRWiN** and the images to the **Virtual collection**.



DoeDat → DaRWiN CMS → Virtual collection = Digital specimen

WP 5: Coordination, project management and reporting

(Month 1 – Month 24)

- **RBINS (Leader) (2.5 PM) (in-kind 2.5 PM)**
- RMCA (1 PM) (in-kind 1 PM)
- CETAF (in-kind 0.2 PM)
- Meise BG (in-kind 1.1 PM)
- Belgian Biodiversity Platform (in-kind 0.2 PM)
- ULiège (in-kind 0.2 PM)
- UMons (in-kind 0.2 PM)

- **T.5.1. Project Coordination (M 1 – 24) – RBINS**
  - *Project Follow up Committee: identification and troubleshooting of organizational problems.*
  - *Liaison between BELSPO and project partners.*
  - *Ensure communication of administrative tasks and mitigating issues with the consortium.*
  - *Production and consolidation of the project financial reports.*

- **T.5.2. Networking (M 1 – 24) - RBINS**
  - *Progress communication*
  - *Integration of collections relevant for DiSSCo.*
  - *Strengthen collaboration among DiSSCo partners & identify more partners*
  - *Set up the project collaborative platform*

- **T.5.3. Project Reporting (M 1 – M 24) - RBINS**
  - *Production and consolidation of periodic external reports*
  - *Work plan maintenance*
  - *Monitoring of the work packages*

BAU, some input expected from partners

WP 6: Data Management

(Month 1 – Month 24)

- **RBINS (Leader) (in-kind 0.2 PM)**
- RMCA (in-kind 0.2 PM)

- **T.6.1. Follow-up of the data management plan – RBINS**
  - *Follow-up of the data management plan and its publication on dmponline.be*
  - *Guarantee the backup of collected data on institutional servers*

- **T.6.2. Final results on the sharing platforms – RBINS**
  - *Upload on BELSPO LTP and Github*

WP 7: Valorisation, dissemination, exploitation of results - RBINS

(Month 6 – Month 24)

- **RBINS (Leader) (1.5PM) (in-kind 5 PM)**
- RMCA (2.5 PM) (in-kind 2.5 PM)
- CETAF (in-kind 1 PM)
- Meise BG (in-kind 1 PM)
- Belgian Biodiversity Platform (in-kind 0 PM)
- ULiège (in-kind 0.2 PM)
- UMons (in-kind 0.2 PM)

- **T.7.1. Training of the DiSSCo and non DiSSCo scientists (M 18 – 24) - RBINS**
  - *organize trainings to standardization of the data and metadata of the natural history collections description*
- **T.7.2. Scientific dissemination (M 1 – 24) – RBINS**
  - *present the state of the art and the input of the project to conferences and workshops.*
  - *Publications in scientific journals*
- **T.7.3 Website, Be.DiSSCo Fed platform (+ Natural Heritage) (M 1 – 24) - RBINS**
  - *Build the project website ans setup the Be.DiSSCo-Fed Platform*

Budget

	RBINS	RMCA
Staff costs	€ 168.000	€ 165.600
General Operating costs	€ 25.200	€ 16.560
Specific Operating costs	€ 0	€ 0
Overheads	€ 9.660	€ 9.108
Equipment	€ 0	€ 0
Subcontracting	€ 0	€ 0
Total (€)	€ 202.860	€ 191.268

Total budget of the project €394.128

- RBINS: 24 PM - in-kind : 24PM
- RMCA : 24 PM - in-kind: 14PM

In-kind partners :

- CETAF : 6PM
- MEISE BG : 9,5PM
- Biodiversity Platform: 3,2 PM
- ULiège: 2PM
- UMons: 1,5PM

Summary of BE.DISSCo-FED Deliverables (per WPs)

WP 1: Belgian national Node : DiSSCo, DiSSCo FED, DiSSCO Flanders, Other Belgian institutions - RBINS

D.1.1.1 Report on national research institutions (M 10) ;
D.1.1.2 Model of governance of DiSSCo in Belgium (M 24)
D.1.2.1 Report on Be.DiSSCo FED: risks threatening national funding & national added value for research (M 11) ;
D.1.2.2 Final report on Belgian's contribution model to DiSSCo (M 20)
D.1.3.1 Identification of the possible synergies (e.g. Collection Management System, Citizen Science, Data management) (M 12) ;
D.1.3.2 MoU about synergies between Belgian NN institutions about the sharing of expertise(s) and infrastructures(s) (M 24)

WP 2: Specialization Tool (M 1 – 24) – RBINS

D.2.1.1 Updated version of Specialization tool to gather the information (M 3) **;**
D.2.1.2 Collect of the information (M 6)
D.2.2.1 Analysis of the available data among Belgian Institutions (M 10) ;
D.2.2.2 User requirements for the (semi)automated analysis tool (M 12)
D.2.3.1 Specialization Dashboard (M 18)
D.2.4.1 Integration with the institution website (M 20) ;
D.2.4.2 Integration with the Digitization Dashboard (M 22)
D.2.5.1 Users' validation (M 21) ;
D.2.5.2 Open to DiSSCo community (M 24)

WP 3: Standardization of the data and metadata (M 1 – 24) – RMCA

D.3.1.1 The Collection Registry hierarchy and Belgian collections (M 9) ;
D.3.1.2 The GrSciColl Registry and/or Index herbarium for proposed standardized collection id for the Belgian collections (M 12)
D.3.2.1 Analysis of the data model of the existing Collection registry (Month 12) :
D.3.2.2 Alignment with the Latimer Core (M 18)
D.3.3.1 Compatibility with IIIF standard (M 3) ;
D.3.3.2 Extension to other types of files (3d, CT, Multispectral, Sounds, etc) (M 12) ;
D.3.3.3 Setup of a multimedia file server compatible with machine to machine and/or machines to human accesses following DiSSCo requirements (M 18) ;
D.3.3.4 Setup of visualization tools for the different multimedia files running with the Multimedia server (M 18) ;
D.3.3.5 Integration in Collection Management Systems

WP 4: Capacity building (M 1 – 12) – RBINS

D.4.1.1 Dataset (M 12)
D.4.2.1 Best practices for digitization (Month 6) ;
D.4.2.2 Training (Month 12)
D.4.3.1 Training 1 (M 6)
D.4.3.2 Training 2 (M 12)
D.4.4.1 Identification of the Central Africa collections among the Belgian DiSSCo partners and in private citizen collections using a specific survey (M 6) ;
D.4.4.2 Case studies project on the citizen science digitization of the Central Africa collections (M 12)

WP 5: Coordination, project management and reporting (M 1 – 24) - RBINS

D.5.2.1 Introductory meeting (M 1);
D.5.2.2 Midterm meeting (M 12);
D.5.2.3 Closure meeting (M 24);
D.5.2.4 DiSSCo-Fed Nodes meetings report (M 24)
D.5.3.1 Preliminary Report of the Project (M 3);
D.5.3.2 Intermediate Report of the project (M 12);
D.5.3.3 Final report of the Project (M 24)

WP 6: Data Management (M 1 – 24) – RBINS

D.6.1.1 updated version of DMP (Data Management Plan) (M 3);
D.6.1.2 saved on dmponline.be (M 3)
D.6.2.1 Backup on the BELSPO LTP (M 24) ;
D.6.2.2 Code on Github (M 24)

WP 7: Valorisation, dissemination, exploitation of results (M 6 – 24) - RBINS

D.7.1.1 Training session organized by and for DiSSCo and non DiSSCo scientists (M 24)
D.7.2.1 Scientific communication in workshops and conferences ;
D.7.2.2 Scientific papers in Impact Factor journals by the partners
D.7.3.1 Project website (M 1) ;
D.7.3.2 Be.DiSSCo-FED platform (M 18) ;
D.7.3.3 Updated data in Naturalheritage.be (M 24)

BE.DISSCo-FED Timeline (1/3)

YEAR 1												YEAR 2											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

WP 1: Belgian national Node - **RBINS** (5.5 PM) (in-kind 2.3 PM), RMCA (1.5 PM) (in-kind 1.3 PM), MEISE BG (in-kind 1.8 PM), Belgian Biodiversity Platform (in-kind 0.5 PM), ULiège (in-kind 0.5 PM), Umons (in-kind 0.2 PM)

T1.1: Governance - **RBINS** (2 PM) (in-kind 0.5 PM), RMCA (in-kind 0.3 PM), MEISE BG (in-kind 0.5 PM)

D1.1.1 — **D1.1.2**

T1.2: Cost Model - **RBINS** (2 PM) (in-kind 0.3 PM), RMCA (in-kind 0.3 PM), MEISE BG (in-kind 0.3 PM)

D1.2.1 — **D1.2.2**

T1.3: Synergies - **RBINS** (1.5 PM) (in-kind 1.5 PM), RMCA (1.5 PM) (in-kind 0.7 PM), MEISE BG (in-kind 1 PM), ULiège (in-kind 0.5 PM), UMons (in-kind 0.2 PM)

D1.3.1 — **D1.3.1**

WP 2: Specialization Tool - **RBINS** (7 PM) (in-kind 7.5 PM), RMCA (10 PM) (in-kind 3 PM), CETAF (in-kind 3 PM), Meise BG (in-kind 1.5 PM), ULiège (in-kind 0.6 PM), UMons (in-kind 0.4 PM)

T2.1: Collect of the data among Belgian institutions — **RBINS** (1 PM) (in-kind 2 PM), RMCA (1 PM) (in-kind 1 PM), CETAF (In-kind 1 PM) MEISE BG (in-kind 0.5 PM), Uliège (in-kind 0.3 PM), UMons (in-kind 0.2 PM)

D2.1.1 — **D2.1.2**

T2.2: Analysis of the data and user requirements — **RBINS** (3 PM) (in-kind 2 PM), RMCA (2 PM) (in-kind 1 PM), CETAF (in-kind 0.5 PM), Meise BG (in-kind 1 PM), ULiège (in-kind 0.2 PM), UMons (in-kind 0.1 PM)

D2.2.1 — **D2.2.2**

T2.3: Development of the Specialization Graphical Dashboard - RBINS (1 PM) (in-kind 3 PM), **RMCA** (6 PM) (in-kind 1 PM), CETAF (in-kind 0.5 PM)

D2.3.1

RBINS (1 PM) (in-kind 0.5 PM), RMCA (1 PM), CETAF (in-kind 1 PM) — **T2.4:** Integration of specialization data

D2.4.1 — **D2.4.2**

RBINS (Leader) (1 PM), RMCA (1 PM), CETAF (in-kind 1 PM), Meise BG (in-kind 0.5 PM), Uliège (in-kind 0.1 PM), UMons (in-kind 0.1 PM) — **T2.5 :** Integration of specialization data

D2.5.1 — **D2.5.2**

BE.DISSCo-FED Timeline (2/3)

YEAR 1												YEAR 2											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
WP 3: Standardization of the data and metadata - RBINS (5.5 PM) (in-kind 3.5 PM), **RMCA** (6 PM) (in-kind 2 PM), CETAF (in-kind 1.1 PM), Meise BG (in-kind 1.1 PM), Belgian Biodiversity Platform (in-kind 3 PM), ULiège (in-kind 0.1 PM), UMons (in-kind 0.1 PM)																							
T3.1: The Collections persistent identifiers - **RBINS** (0.5 PM) (in-kind 0.5 PM), RMCA (0.5 PM) (in-kind 0.5 PM), CETAF (in-kind 0.5 PM), Meise BG (in-kind 0.5 PM), Belgian Biodiversity Platform (in-kind 2 PM), ULiège (in-kind 0.1 PM), UMons (in-kind 0.1 PM)																							
								D3.1.1			**D3.1.2**												
T3.2: The Collection descriptors and the use of the Latimer Core - **RBINS** (1 PM) (in-kind 1 PM), RMCA (0.5 PM) (in-kind 0.5 PM), CETAF (in-kind 0.5 PM), Meise BG (in-kind 0.5 PM), Belgian Biodiversity Platform (in-kind 1 PM)																							
											D3.2.1						**D3.2.2**						
T3.3: The standardization of the Multimedia files - RBINS (4 PM) (in-kind 2 PM), **RMCA** (5 PM) (in-kind 1 PM), CETAF (in-kind 0.1 PM), Meise BG (in-kind 0.1 PM)																							
		D3.3.1									**D3.3.2**						**D3.3.3 & D3.3.4**		**D3.3.5**				
WP 4: Capacity building - **RBINS** (2 PM) (in-kind 2 PM), RMCA (2.5 PM) (in-kind 3.5 PM), CETAF (in-kind 0.7 PM), Meise BG (in-kind 3 PM), Belgian Biodiversity Platform (in-kind 0 PM), ULiège (in-kind 0.4 PM), UMons (in-kind 0.4 PM)																							
T4.1: Data and metadata collect of natural history collections - **RBINS** (0.5M) (in-kind 0.5 PM), RMCA (0.5 PM) (in-kind 0.5 PM), CETAF (in-kind 0.5 PM), Meise BG (in-kind 0.5 PM), ULiège (in-kind 0.1 PM), UMons (in-kind 0.1 PM)																							
											D4.1.1												
T4.2: High Resolution Digitization of natural history specimens - RBINS (0.5 PM) (in-kind 0.5 PM), **RMCA** (1 PM) (in-kind 0.5 PM), CETAF (in-kind 0.1 PM), Uliège (in-kind 0.1 PM), UMons (in-kind 0.1 PM)																							
					D4.2.1						**D4.2.2**												
T4.3: Use of the DaRWIN CMS - RBINS (0.5 PM) (in-kind 0.5 PM), **RMCA** (0.5 PM) (in-kind 0.5 PM), CETAF (in-kind 0.1 PM), ULiège (in-kind 0.1 PM), UMons (in-kind 0.1 PM),																							
					D4.3.1						**D4.3.2**												
T4.4: Citizen Sciences Contributing to the digitization workflows - RBINS (0.5 PM) (in-kind 0.5 PM), **RMCA** (0.5 PM) (in-kind 2 PM), Meise BG (in-kind 2 PM), ULiège (in-kind 0.1 PM), UMons (in-kind 0.1 PM),																							
					D4.4.1						**D4.4.2**												

BE.DISSCo-FED Timeline (3/3)

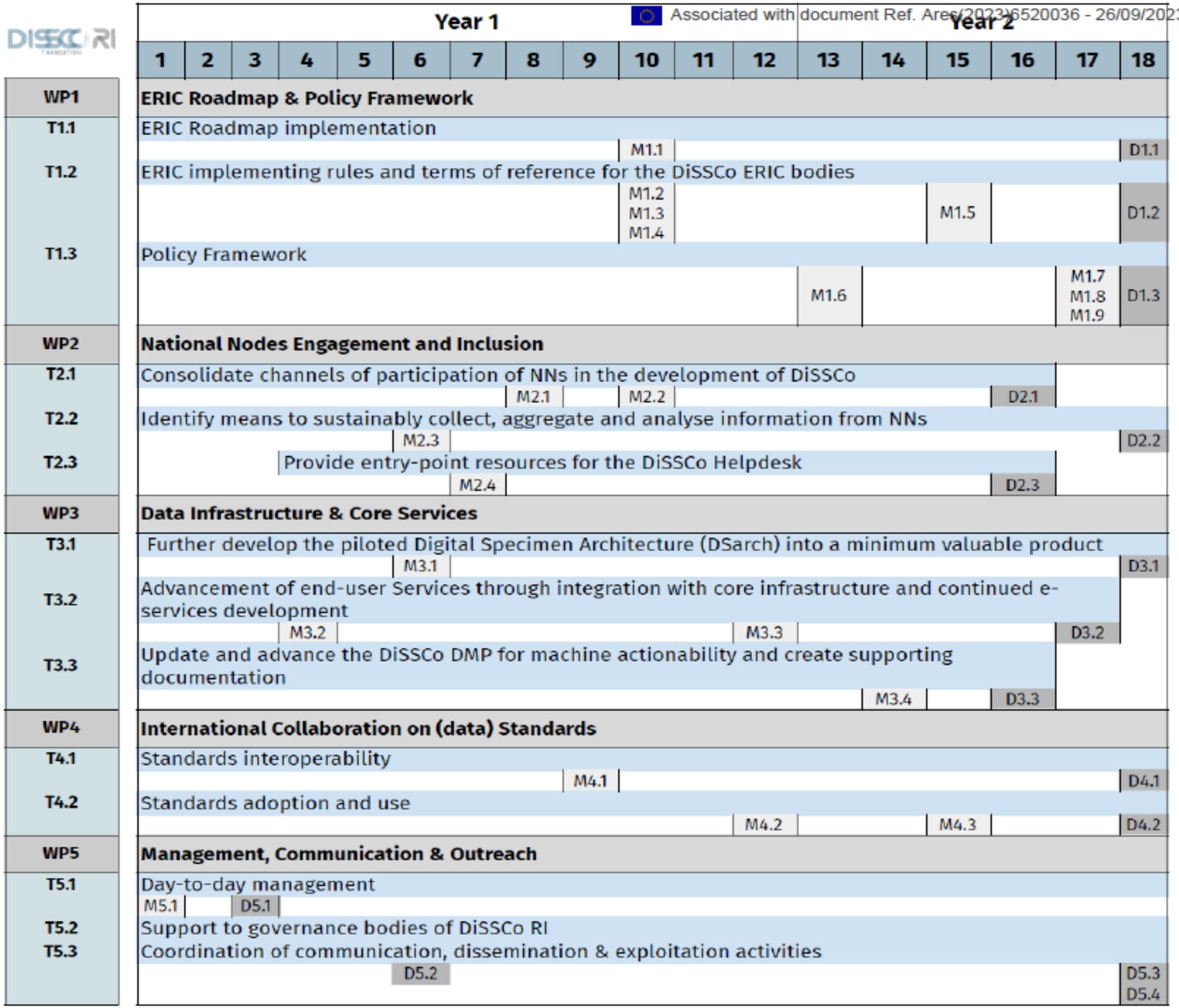
YEAR 1												YEAR 2											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
WP 5: Coordination, project management and reporting - **RBINS** (2.5 PM) (in-kind 2.5 PM), RMCA (1 PM) (in-kind 1 PM), CETAF (in-kind 0.2 PM), Meise BG (in-kind 1.1 PM), Belgian Biodiversity Platform (in-kind 0.2 PM), ULiège (in-kind 0.2 PM), UMons(in-kind 0.2 PM)																							
T5.1: Project Coordination - **RBINS** (1 PM) (in-kind 1 PM)																							
T5.2: Networking - **RBINS** (1 PM) (in-kind 1 PM), RMCA (1 PM) (in-kind 0.5 PM), CETAF (in-kind 0.1 PM), MEISE BG (in-kind 0.1 PM), Belgian Biodiversity Platform (in-kind 0.1 PM), ULiège (in-kind 0.1 PM), UMons (in-kind 0.1 PM)																							
D5.2.1											**D5.2.2**						**D3.2.2**						**D5.2.3 & D5.2.4**
T5.3: Project Reporting - **RBINS** (0.5 PM) (in-kind 0.5 PM), RMCA (0.5 PM) (in-kind 0.5 PM), CETAF (in-kind 0.1 PM), Meise BG (in-kind 0.1 PM), Belgian Biodiversity Platform (in-kind 0.1 PM), ULiège (in-kind 0.1 PM), UMons (in-kind 0.1 PM)																							
		D5.3.1									**D5.3.2**												**D5.3.3**
WP 6: Data Management - **RBINS** (in-kind 0.2 PM), RMCA (in-kind 0.2 PM)																							
T6.1: Follow-up of the data management plan - **RBINS** (in-kind 0.2 PM), RMCA (in-kind 0.1 PM)																							
		D6.1.1 & D6.1.2																					
															RBINS (in-kind 1 PM), RMCA (0.5 PM) (in-kind 0.5 PM)							**T6.2:** Final results on the sharing platforms		
																							D6.2.1 & D6.2.2
									WP 7: Valorisation, dissemination, exploitation of results - **RBINS** (1.5PM) (in-kind 5 PM), RMCA (2.5 PM) (in-kind 2.5 PM), CETAF (in-kind 1 PM), Meise BG (in-kind 1 PM), ULiège (in-kind 0.2 PM), UMons (inkind 0.2 PM)												
RBINS (0.5 PM) (in-kind 1 PM), RMCA (0.5 PM) (in-kind 0.5 PM), CETAF (in-kind 0.5 PM), Meise BG (in-kind 0.5 PM), ULiège (in-kind 0.1 PM), UMons (in-kind 0.1 PM)																	**T7.1:** Training of the DiSSCo and non DiSSCo scientists						
																							D7.1.1
T7.2: Scientific dissemination - **RBINS** (1 PM) (in-kind 2 PM), RMCA (1 PM) (in-kind 2 PM), CETAF (in-kind 0.5 PM), Meise BG (in-kind 0.5 PM), Uliège (in-kind 0.1 PM), UMons (in-kind 0.1 PM) ; **D7.2.1 & D7.2.2**																							
T7.3: Website, Be.DiSSCo Fed platform (+ Natural Heritage) - **RBINS** (in-kind 2 PM), RMCA (1 PM)																							
D7.3.1																	**D7.3.2**						**D7.3.3**

DiSSCo Transition Timeline (For information)

Duration 18 Months
(Dec 2023 – 06/2025)

16 Partners
Coord. Naturalis, NL

Belgian partners:
RBINS, MEISE BG, CETAF



Closing note: Wrap up & next steps with action plan

- Organise meeting with Follow-up Committee: June 2024
- Organise "DiSSCo Belgian Node & Stakeholders *futures*": October 2024
- Next deliverables:
  - D2.1.1, M3 (Mid-June 2024)
  - D3.3.1, M3
  - D5.3.1, M3
  - D6.1.1 & D6.1.2, M3

A newly described gecko species. (Photo: Danny Gys, RBINS)

Thank you and See you soon

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