

Point of view, on the role and positioning in the national and international communities

# GFBio: Point of view, on the role and positioning in the national and international communities

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# Who am I ?

Liaison Officer:

- Networking
- Project Management
- Spoke person
- Advisory



**Meise Botanic Garden**

**AFRICA**  
museum

# Why in GFBio Advisory Committee?

- Background in Biodiversity information
- Active in many related EU and national projects
- Natural History collections management (including data)
- Involved in the European Open Science Cloud

→ Win-Win situation : Both contribute to GFBIO and learn from your community





# GFBio's general appreciation

- Key partners and experts active in the international science for a long time
  - Challenge to have local participations, endormement, data and content mobilisation following common standards and best practices.
  - GFBio has achieved to largely engage national content providers, stakeholders and bring them up to date within the international landscape.
- It has greatly increased the visibility and re-use of German biological data both locally and worldwide



# GFBio's Openness

- From the start advocated
    - for open access to content, ease discoverability and re-use
    - for compliance with international standards
    - for sharing content using existing systems
    - for adapting them to local use, with an eye on improving them globally
- > GFBio strives to be compliant with principles of FAIR (Findable, Accessible, Interoperable, Re-useable) and recommendations of the European Open Science Cloud (EOSC), way before those terms and initiatives even existed.



# GFBio's Services and tools

- Impressive list of services and tools
  - Whole Data Life Cycle taking into account with all important steps present
  - Power full search, data submission and visualisation tools
  - Terminology Services much appreciated and very useful

→ During a Flemish Open Science (Belgium) webinar on a survey for examples implementations : GFBio and PANGEAE was presented as one of the systems for data and content repositories and re-usability



# GFBio's in the (inter)national landscape

- Importance of GBIF and GBIF-D as running infrastructure for data publications, quality check, monitoring
- Building on existing standards from TDWG (Biodiversity Information Standards)
  - ABCD (Access to Biological Collection Data)
  - BioCASE providing tools and portals
  - Extensions for Earth Sciences
  - Extension to molecular collections



# GFBio's which positioning ?

- Partners of GFBio are member of CETAF (Consortium of European Taxonomic Facilities)



- Participate to the Research Infrastructure (RI) DISSCo (Distributed System of Scientific collections and many other RIs)



- Germany key country in the impementation of EOSC (European Open Science Cloud)



- Germany strong in GAIA-X (Federated Secure Data Infrastructure)





# GFBio's sustainability?

Great to have NFDI4 Biodiversity!

- How will the GFBio services and tools will be maintained and further enhanced and by whom?
- Attentive to not disrupting the Data Life Cycle
- Increase content mobilisation in size, quality and scope, including dealing with legal aspects (DMP, Nagoya, DSI, GDPR ..)
- Collaborations and complementarities with other infrastructures and initiatives in the domain



# Continue to collaborate : The Flemish infrastructure landscape

- ▶ In a constant search for synergies, RIs in Flanders collaborate in the framework of the implementation of the European Open Science Cloud (EOSC), coordinated by the Flemish Open Science Board



# DiSSCo Flanders (2021-2024)

- ▶ Duration: 4 years , Coordination Meise Botanic Garden
- ▶ Budget: €4.7 Mio (€ 3.4 Mio from FWO)
- ▶ Partners:

- 5 Flemish scientific institutions



- 4 Flemish universities



- 1 association



Botanic Gardens and Arboreta Association  
(22 members of which 19 are Flemish)

- 4 non-Flemish associated partners



# Thanks for your attention

- Any questions ?
- You are welcome to our workshops
- Consider to present GFBio and NFDI at our Flemish Open sciences webinars (every Friday from 10-14h).
- Don't hesitate to visit us and our collections !
- Contact :  
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