GBIC2 – A Roadmap for International Biodiversity Informatics - Agenda
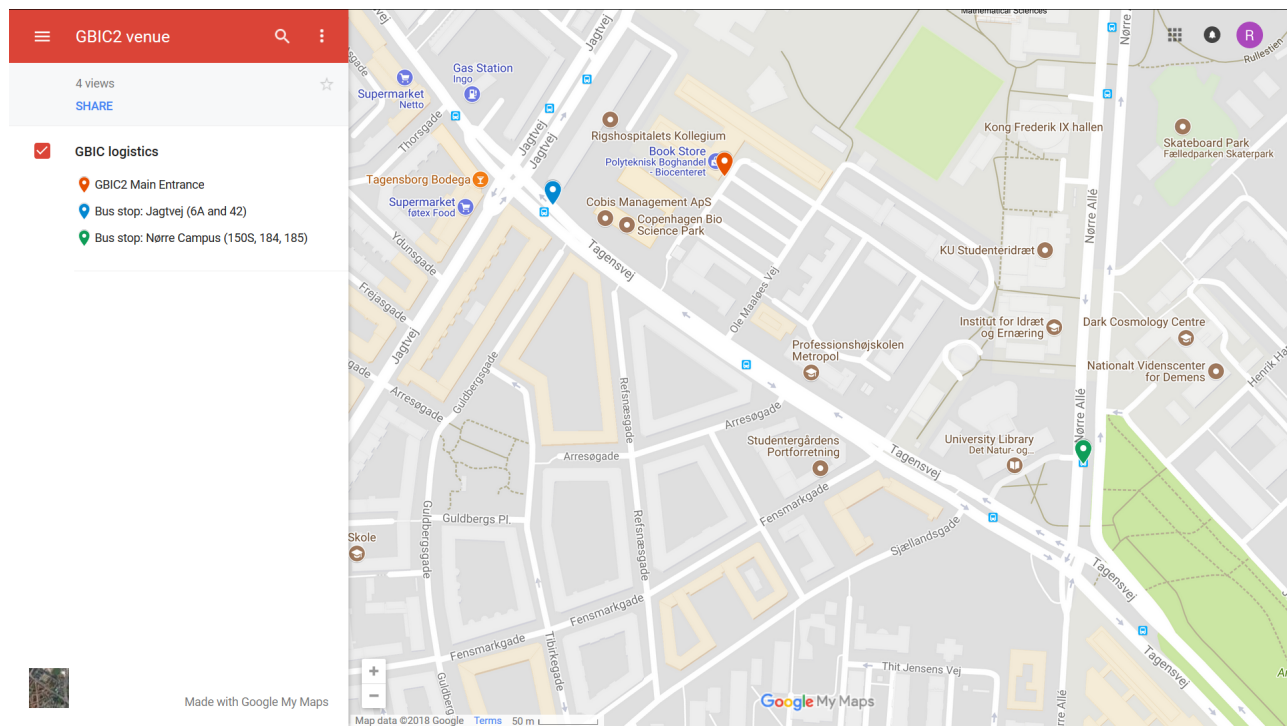*Copenhagen, Denmark, 23-27 July 2018*

Arrival and meals

The GBIC2 Conference will take place at the Copenhagen Biocenter, Copenhagen University, in Copenhagen, Denmark, starting on Tuesday 24 July at 13:30 with the opening Plenary Session in the Lundbeckfond Auditorium and ending with the final session on Friday 27 July at 12:30, followed by a lunch in the Copenhagen Biocenter Canteen.

On 24 July, the registration desk opens at 12:30 at the **main entrance of the Copenhagen Biocenter building**, Ole Maaløes Vej 5, 2200 Copenhagen N. Ole Maaløes Vej is accessed from Tagensvej, very close to the *Jagtvej* stop for bus routes 6A and 42 from Nørreport in the city centre. The *Nørre Campus* stop for bus routes 150S, 184 and 185 is around 650 m away.

This map (accessible as http://bit.ly/GBIC2Map) shows the main entrance (in red) and the two bus stops (blue for Jagtvej and green for Nørre Campus).

All conference participants must register at the conference registration desk and that your name badge must be visible at all times when in the buildings. At registration you will receive a sheet with practical information on where in the building the various session s take place and how to get around the building.

Lunch will be provided on 25-27 July and a conference dinner is planned for 24 July at the venue. If you have any dietary requirements, please let the GBIC2 coordination team know in advance by sending an e-mail to workshop2018@gbif.org.

Workshop agenda

12:30 – 13:30 Registration

13:30 – 15:30 Plenary opening presentations
Context for the workshop and perspectives to guide the working sessions:
- **Robert Hanisch**, NIST, on experiences in other scientific domains in coordinating international planning
- **Maria Uhle**, NSF/Belmont Forum, on funders' perspectives in regard to best practice for research infrastructure
- **Donald Hobern**, GBIF Secretariat, on the GBIO model and plan for the workshop

15:30 – 16:00 Coffee break

16:00 – 18:00 Coordination mechanism – presentation of a candidate model
Plenary session to present a candidate model for how the global community can coordinate planning and implementation of shared infrastructure

18:00 – 21:00 Dinner at Copenhagen Biocenter

Wednesday 25 July – Parallel working groups
Scheduled breaks: Coffee 10:30 – 11:00, Lunch 12:30 – 13:30, Coffee 15:00 – 15:30

- Four parallel working sessions, with attendees trialing candidate coordination mechanism by attempting to identify and agree a set of desired priority investments for each of four GBIO component areas:

  - **Biodiversity knowledge network** (Culture) – facilitators: Michelle Price and Dmitry Schigel: Developing models, social networks, reputation and recognition systems to empower and reward professionals and knowledgeable amateurs to contribute to the curation and improvement of digital biodiversity information. This component area involves mostly sociological aspects of integration and change, bringing together skills from a different set of contributors. See here.
  - **Published materials** (Data) – facilitators: Carolyn Sheffield and Daniel Noesgaard: Addressing the challenges of offering digital access to centuries of information gathered and stored in non-digital formats, including transformation of this information into structured data for synthesis with existing digital resources. This component area involves a diverse stakeholders with opportunities to increase alignment and reuse of informatics tools, including optical character recognition, gazetteers and vocabularies, and automated translation services. See here.

- **Integrated occurrence data** (Evidence) – facilitators: John Wieczorek and Andrea Hahn: Aligning activities around the world to aggregate spatial evidence of species occurrence, removing duplication of effort, and ensuring delivery of the most comprehensive integrated data resource possible. This component area offers immediate opportunities for alignment since several key infrastructures are already starting discussions on how to achieve this. See here.
- **Trends and predictions** (Understanding) – facilitators: Melodie McGeoch and Andrew Rodrigues: Delivering time-sensitive analyses of available evidence and developing robust models for past and future scenarios. This component area presents different challenges around credibility, governance and integration of multiple sources of biotic and abiotic information. See here.

Thursday 26 July

09:00 – 10:30 Interactive review of coordination mechanism
Plenary discussion with rapporteurs from Wednesday sessions to incorporate suggestions for improvement of the candidate coordination mechanism and to capture open issues

10:30 – 11:00 Coffee break

11:00 – 12:00 Interactive review of coordination mechanism (continued)
Further exploration with open contributions from attendees

11:30 – 12:30 Plenary presentations
Examples of governance models in use in other communities
- **Jerry Lanfear**, ELIXIR, on experiences in Elixir on developing collaborative infrastructure with particular focus on governance and sustainability
- **Ismaël Mejía**, Apache Software Foundation, on *The Apache Way* and collaborative development projects in the open source community

12:30 – 13:30 Lunch

13:30 – 14:00 Introduction to working groups for afternoon
Plenary preparation for afternoon working groups. Exact topics and questions for discussion will be shared following feedback and issues identified in earlier sessions. The following topics are offered as placeholders for refinement:

- **AMBITION**: Is it feasible to work together to secure collaborative funding and to implement infrastructure via collaborative processes, or is it only realistic to collaborate around identifying and communicating priorities?
- **CONTENT**: What information elements should contribute to the definition of a prioritised investment proposal? Do these all get prepared in the expert workshops and refined in the consultation, or are some aspects for later completion?

- **MEMBERSHIP**: Who should be eligible to participate in a consortium to plan and implement collaborative biodiversity informatics infrastructure? What does it mean for an individual, institution or organisation to participate in the consortium? What rules of procedure or governance model are needed?
- **STAFFING**: What form should the coordinating team take? Localised project office, distributed team? To whom would it report?
- **INTERNATIONALIZATION**: What should we do to maximise the ability of stakeholders from all regions and languages to be equal players in this approach?

Attendees will work in parallel groups, each focused on one topic initially but with option of covering others as time allows, with goal of reporting recommendations and issues the following morning

14:00 – 17:00 Parallel working groups on selected topics
Scheduled break: Coffee 15:00 – 15:30

Friday 27 July morning
09:00 – 10:30 Review of findings of working groups from Thursday afternoon
Capture recommendations or issues identified in groups

10:30 – 11:00 Coffee break

11:00 – 11:30 Plenary presentation
Proposed summary of findings, recommendations and open questions from GBIC2

11:30 – 12:30 Discussion and resolution
Open discussion around proposed summary, to refine and reflect level of consensus, dissenting viewpoints, etc. Agreement on next steps

12:30 – 13:30 Lunch