Global Core Biodata Resource Selection: Data Required for Expression of Interest

Purpose of this document:

This document is one of two supplementary data files that accompany the Global Biodata Coalition's article: "Global Core Biodata Resources: Concept and Selection Process" (https://doi.org/10.5281/zenodo.5845116).

Its purpose is to detail the information that will be required to submit an Expression of Interest to the Global Core Biodata Resource selection process. The required information falls into three sections: Description (questions D1-D3), Eligibility Criteria (EC1-EC9 with optional EC10) and Short Answer Questions (SA1-SA5).

This document is not an application form: applications will be made using an online system. Details are available from the Global Biodata Coalition website: https://globalbiodata.org/scientific-activities/gcbr-selection

Section 1 - Description of Biodata Resource

D1: Please provide a concise description of your biodata resource, addressing how it falls within scope as a Global Core Biodata Resource.
　　　　Word limit - 200 words

D2: Is this biodata resource……
　　　　A deposition database serving as a repository of record for a specified data type(s)?
　　　　　　Yes/No (Delete as applicable)

　　　　A knowledgebase where, for example, expert manual curation adds value?
　　　　　　Yes/No (Delete as applicable)

D3: Consortium context.
For biodata resources that belong to a larger consortium, or biodata resources that are an umbrella resource to which several collaborating databases contribute: please a) summarise that setting, and b) explain why the application is made as a consortium, or, conversely, as an individual resource.
　　　　Word limit - 100 words

Section 2 - Eligibility Criteria

Eligibility Criterion	Declaration
EC1: Has the resource been providing its services for at least 5 years? *To qualify as a Core Biodata Resource it is necessary that the resource is sufficiently mature to contribute a high standard of service to the research data infrastructure.*	Yes/No Delete as applicable
EC2: Is the resource able to provide usage statistics covering the scale of users and a statement of geographic distribution of users? *To qualify as a Core Biodata Resource it needs to be able to demonstrate global usage beyond the country in which the data resource is housed, at scale.*	Yes/No Delete as applicable
EC3: Is the data resource able to provide details of community-recognised standards being used for their metadata and data? *To qualify as a Core Biodata Resource it needs to be able to demonstrate implementation of FAIR data principles.*	Yes/No Delete as applicable
EC4: Does the data resource make its data available in a variety of formats? *Core Biodata Resources encourage data re-usability by providing data in formats suitable for large scale re-use as well for individual queries via a web-based user interface.*	Yes/No Delete as applicable
EC5: Does the resource have a Scientific Advisory Board or equivalent formal advisory body? *A dedicated advisory body will be required for eligibility.*	Yes/No Delete as applicable
EC6: Does the biodata resource have an open data licence with no requirement for permission from a data access committee or other authority for access to the resource or data within? *An open data license will be required for eligibility, e.g. Creative Commons licenses CC0, CC-BY or CC-BY-SA are all conformant with the Open Definition (http://opendefinition.org/licenses/).*	Yes/No Delete as applicable
EC7: Does the biodata resource provide access to its data free of charge to the user? *To qualify as a Core Biodata Resource the biodata resource must not require payment or subscription for access to data from any user.*	Yes/No Delete as applicable
EC8: Is the biodata resource web site available in the English language? *To qualify as a Core Biodata Resource the biodata resource must have an English language user interface as at least one option for users.*	Yes/No Delete as applicable

Section 2 - Eligibility Criteria (*continued*)

EC9: For Deposition Databases only: Does the biodata resource accept deposition of in-scope experimental data from the wider international community? *To qualify as a Core Biodata Resource a deposition database needs to accept deposition from across the global research community without geographic restriction.*	Yes/No Delete as applicable
EC10: If qualification/explanation is needed for any of the above answers, please include that here: Word limit - 200 words	

Section 3 - Short Answer Questions

Answers given in Section 3 will be assessed in terms of how well they indicate that the biodata resource is suitable to go forward to the Full Application stage. That is, whether or not the answer to each question suggests that this biodata resource has a realistic chance of attaining GCBR status, for the corresponding indicators.

Short Answer Question	**Answer**
SA1: How does the resource serve as a fundamental resource across scientific approaches and disciplines, rather than for example serving a specific project or field of research?	Word limit - 200 words
SA2: Approximately how many users access the data resource per year? Please explain the basis for the count given, and include a statement addressing the geographical distribution of the users.	Word limit - 200 words
SA3: What would be the impact on other data resources and/or on the biodata resources ecosystem were this data resource to be withdrawn from service?	Word limit - 200 words
SA4: How does the data resource support users? Examples might include a help desk, user training or workshops or social media Q&A. What opportunities for gathering user feedback do you provide?	Word limit - 200 words
SA5: What management structure and governance measures are in place for the data resource? Is there a dedicated resource manager? How frequently does the oversight committee meet? What is the relationship between the data resource and the host institution?	Word limit - 200 words