

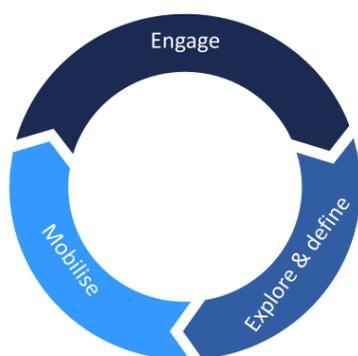
Biodata resources under threat

Scientists around the world are critically dependent on open biodata resources for their research. Spanning biological, molecular, ecological, and morphological data, biodata resources—databases that archive and analyse research data—number in the thousands, are maintained across diverse institutions and supported by dozens of funders, and form an essential global infrastructure that allows researchers to share data and generate knowledge. The most heavily used biodata resources are accessed by millions of users each month. Despite the crucial importance of biodata resources to the life sciences, many lack stable funding and are at risk. With no internationally coordinated plan to develop, maintain, and sustain its component resources, the entire infrastructure is under threat.

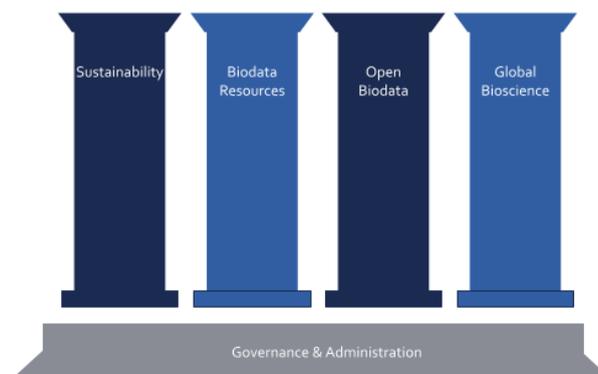
The Global Biodata Coalition

The Global Biodata Coalition (GBC; <https://globalbiodata.org/>) was formed to address this threat. GBC is a coalition of research funders that are working to understand the global biodata resource infrastructure, to engage with resource managers and researchers, and to move towards more internationally coordinated, sustainable, and streamlined mechanisms that support the biodata ecosystem. The GBC is currently supported by 11 public and charitable funders from three continents.

How the Global Biodata Coalition works



GBC activities span **engagement** with stakeholders, such as funders, biodata resource managers, and researchers; **exploration & definition** of the funding and biodata resource landscapes; and **mobilisation** of change that improves sustainability and coordination of biodata resources.



With further interests in the processes of **open biodata**, in particular credit-giving, and **global bioscience**, such as the inclusion of data scientists from all parts of the world and the opportunities of interdisciplinarity, current GBC work includes:

- a process to designate a set of **Global Core Biodata Resources**, those resources most used and valued across the life sciences
- the development of a **Global Inventory** of all biodata resources to better understand the overall global biodata ecosystem
- two initial working groups focused on **open data** and **sustainability**

Further information

Further details: <https://globalbiodata.org/>. Enquires: info@globalbiodata.org.