



**European
Genomic Data
Infrastructure**

[About GDI](#)

The European Genomic Data Infrastructure (GDI) project is enabling access to genomic and related phenotypic and clinical data across Europe by establishing a federated, sustainable and secure infrastructure to access the data.

The project builds on the outputs of the Beyond 1 Million Genomes (B1MG) project and is realising the ambition of the 1+Million Genomes (1+MG) initiative.

Highlights

First GDI Stakeholder Forum



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First GDI Stakeholder Forum

23 November 2023 | 12:00 – 17:00 CET | Online

The GDI Stakeholder Forum, which follows on from the B1MG Stakeholder Forums that support the 1+MG initiative, will take place on 23 November 2023 to share project information, updates, and outcomes. This Stakeholder Forum will focus on informing industry stakeholders about the gaps and challenges faced by GDI and brainstorming potential solutions.

[More information and registration»](#)

Project updates



GDI named a GA4GH Driver Projects

The GDI project has become one of the Global Alliance for Genomics and Health (GA4GH) Driver Projects, among 10 world-leading genomic data initiatives with clinical connections. The collaboration will allow genomic data standards to make new inroads into medicine and biomedical research, including important areas like foetal and child health.

[Read the news»](#)

Key GDI publications and deliverables

Evaluation of the potential legal frameworks for the infrastructure

The establishment of a joint European genomic data infrastructure requires the establishment of a legal basis. Together with the 1+MG ELSI Working Group, GDI partners have analysed the requirements for and suitability of possible legal instruments for the implementation of the 1+MG infrastructure.

[Read more»](#)

Report on federated data access scenarios

The goal of the GDI project is to generate a framework and all the tools to share human genomic data and associated phenotypical and clinical data. The scope of this deliverable is to analyse, describe and compare the different possibilities to access deposited data.

[Read more»](#)

Recommended reads

Knowledge, attitudes and decision regret: a longitudinal survey study of participants offered genome sequencing in the 100,000 Genomes Project

This paper used cross-sectional surveys to compare the knowledge, attitudes,

Organizational Aspects of the Implementation and Use of Whole Genome Sequencing and Whole Exome Sequencing in the Pediatric Population in Italy

This study explores the organizational aspects of whole genome sequencing

and decision regret of participants who had consented for genome sequencing for rare disease diagnosis in the 100,000 Genomes Project (100kGP) across two timepoints.

[Read more»](#)

(WGS) implementation for pediatric patients with suspected genetic disorders in Italy, comparing it with whole exome sequencing (WES).

[Read more»](#)

Recommended events



EBIF: Trusted research environments for sharing data in life sciences

21 November 2023 | London, UK

ELIXIR Bioinformatics Industry Forum will focus on 'Trusted research environments (TREs) for sensitive data in the life sciences'. The programme features a variety of presentations from industry and academia, offering the participants a chance to learn more about relevant initiatives and research breakthroughs in TREs.

[More information and registration»](#)



Bio-IT World Europe Conference & Expo

29 – 30 November 2023 | London, UK

Bio-IT World aims to unite a community of leading life sciences, pharmaceutical, clinical, healthcare, informatics and technology experts in the fields of biomedical research, drug discovery and development and healthcare from around the world. This year, there will be more than 60 presentations across five tracks in two days of interactive discussion and networking.

[More information and registration»](#)

Send updates, stories and events for the next GDI newsletter to GDI Coordination Office at gdi-coordination@elixir-europe.org.

Follow GDI project updates on our social media and website.





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