



[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

GDI project releases Starter Kit to enable access across borders to genomic and phenotypic data

The European Genomic Data Infrastructure (GDI) project has released a 'Starter Kit' based on the rare disease and cancer proof-of-concepts from the Beyond 1 Million Genomes (B1MG) project. The Starter Kit was presented during the 1+MG Working Group meeting with a demonstration.

[Read the news»](#)

GDI at ESHG 2023

On 10 - 13 June, GDI project partners attended ESHG 2023 and presented a poster on Data Standards and the European Genomic Data Infrastructure that gives an overview of the GDI project and the GDI Starter Kit.

[Check the poster»](#)

Genome of Europe plan

The Genome of Europe (GoE) is one of the Working Group of 1+MG initiative that aims to deliver over 500,000 whole genome sequences as a reference database to represent genetic diversity across Europe. GDI published a short report on the alignment of GoE working group plan as use case with the project.

[Read the report»](#)



The Festival of Genomics and Biodata: An interview with Serena Scollen, ELIXIR

In January 2023, Serena Scollen, Coordinator of the GDI project and ELIXIR Head of Human Genomics and Translational Data, gave a talk on the B1MG and GDI project at the Festival of Genomics and Biodata. Serena was also interviewed about the work of B1MG and GDI project on realising the 1+MG initiative's ambition and the collaborations with other EU-funded projects.

[Read the article»](#)



IDERHA project kick off

IDERHA (Integration of Heterogeneous Data and Evidence towards Regulatory and HTA Acceptance), a European public-private partnership, launched in April 2023. This pioneering project addresses the obstacles in accessing, integrating and analysing health data to maximize their value for patient care and medical research.

[Read the kick-off news release»](#)

Recommended reads

GoE Poster at ESHG

The Genome of Europe: A Europe wide Reference Database of Genomes

The rationale for creating Genome of Europe is to have a large, Europe-wide collection of subgroup-specific reference genomes. These can be used: a) to analyse genetic diversity across European populations, b) to interpret potentially clinical/pathogenic genetic variants in comparison to disease-specific genomes, c) to recalibrate genetic risk profiles to ancestral

B1MG Poster at ESHG

Citizen Engagement & Public Trust in Genomic Data Sharing

The '1+ Million Genomes' (1+MG) initiative, supported by the Beyond 1 Million Genomes (B1MG) project, aims to enable secure access to genomic and corresponding clinical data across Europe to research, personalised healthcare, and policy making. It is a joint initiative of 25 European Countries, the UK, and Norway. Citizen engagement and public trust have been raised as

backgrounds, d) as a reference panel for imputations in lower resolution but larger scale array genotyping efforts. Here, the authors present the preparatory steps to start creating such a database.

[Read more»](#)

critical components in the B1MG stakeholder forum meetings and country visits. To discuss these components, an experts workshop was facilitated by the B1MG project.

[Read more»](#)

B1MG Poster at ESHG

Towards cross-border access to human genomes and clinical information at scale for research & healthcare

The 1+MG Initiative, an initiative of 25 EU countries, plus the UK, and Norway, aims to enable secure access to genomics and the corresponding clinical data across Europe for better research, personalised healthcare and health policymaking. The Beyond 1 Million Genome project (B1MG) supports the 1+MG initiative in its design and testing phase to produce recommendations and guidelines based on stakeholder feedback. This poster gives detailed introduction on the 1+MG roadmap and Working Group and the 1+MG Trust Framework.

[Read more»](#)

B1MG Poster at ESHG

A Maturity Level Model (MLM) for the self-assessment of genomic medicine practices in healthcare systems

In the context of the 1+Million Genomes (1+MG) initiative, a Maturity Level Model (MLM) is developed for health systems to self-evaluate the maturity of their genomic medicine practices, and define a path to optimization. MLM is a tool for healthcare systems to self-evaluate the level of maturity of their genomic medicine practices according to a common matrix, and to define a path to optimization. A MLM pilot in eight European countries provided important information regarding common strengths, weaknesses and asymmetries across Europe.

[Read more»](#)

Recommended events



BioTechX Europe

4 - 6 October 2023 | Basel, Switzerland

BioTecX Europe is Europe's largest biotechnology congress. The conference aims at bridging the gap between pharma, academia and clinicians to foster collaborations.

[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 & development, and healthcare from around the world. This year, there will be more than 60 presentations across five tracks in 2 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.

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Wellcome Genome Campus, Hinxton
United Kingdom

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