

genomDE

The German Genomics Initiative

[Link to website](#)



genomDE aims to improve the prevention, diagnosis and treatment of diseases by providing a sufficient scale for accessing genomic data linked to clinical and phenotypic data for new clinically impactful associations in medicine to the benefit of citizens' health.

MAIN OBJECTIVES



To ensure quality-assured genetic-based healthcare taking into account social, ethical and legal implications



To build a secure infrastructure that connects care and research



To achieve genome literacy, education, and engagement of the general public

MAIN EXPECTED OUTCOMES

For patients and citizens



Identify risks of developing diseases



Promote preventive medicine



Develop individualised therapies

For the healthcare system



A healthier population



Transfer of research knowledge into clinical practice



Enhance system's sustainability; avoid adverse reactions and unnecessary treatments

MAIN DRIVERS



The uncoordinated use of genomic data limited opportunities for care and research



The need to transfer the research knowledge into routine clinical practice



Digital transformation of health care systems.



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