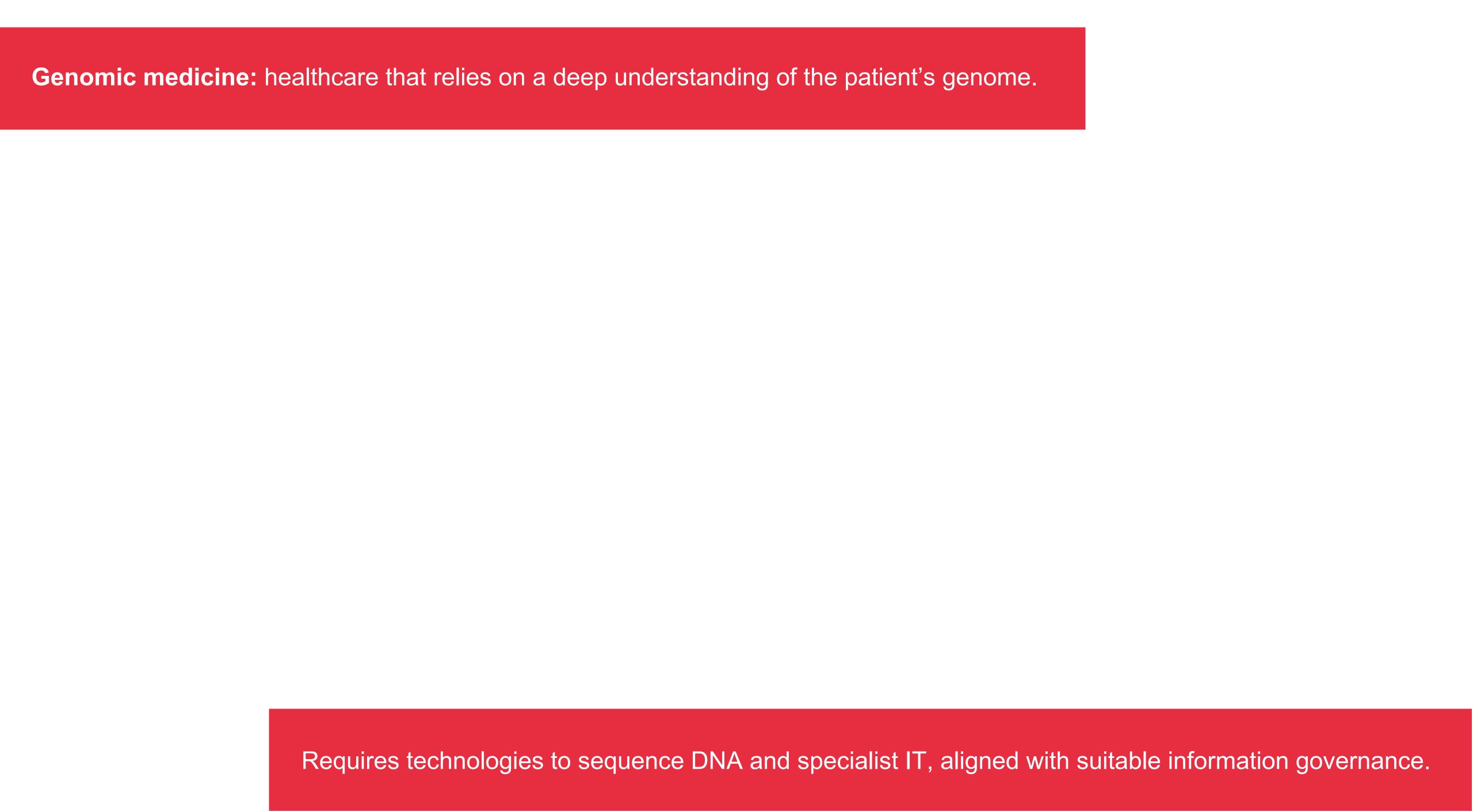
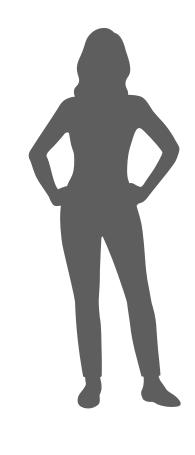
# Wales Gene

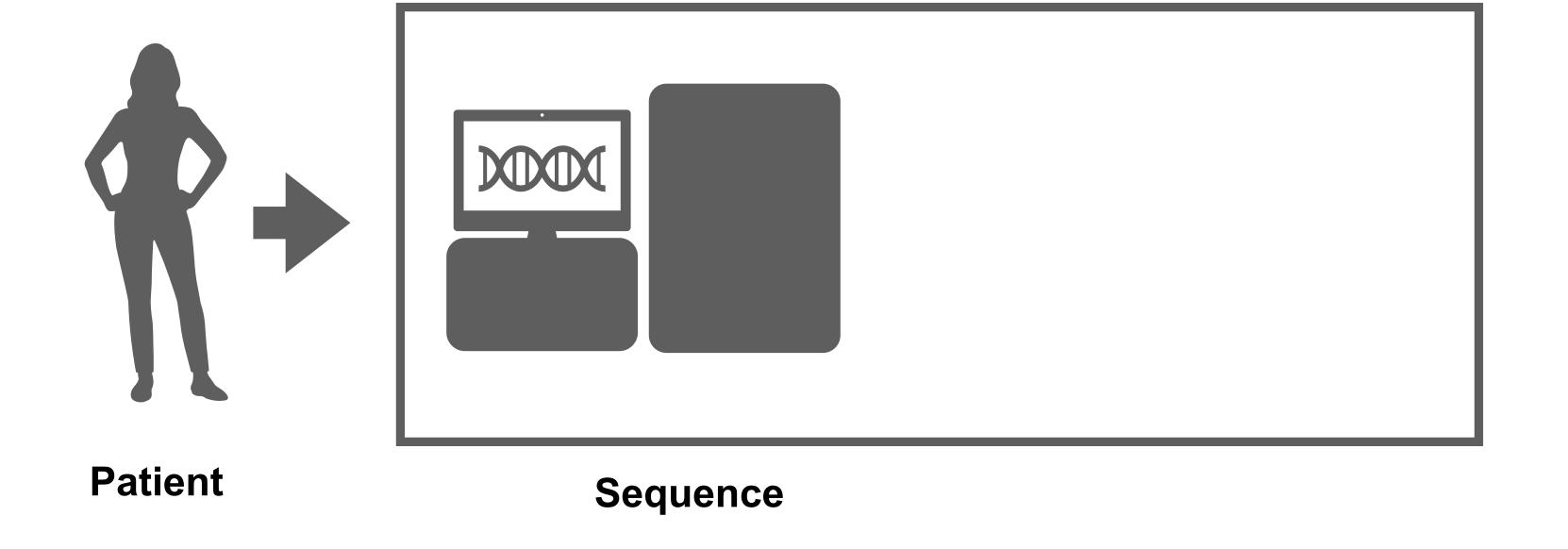
Park
helping Wales build an infrastructure for Next Generation Sequencing
that supports **genomic medical research** in the era of **Precision Medicine** 

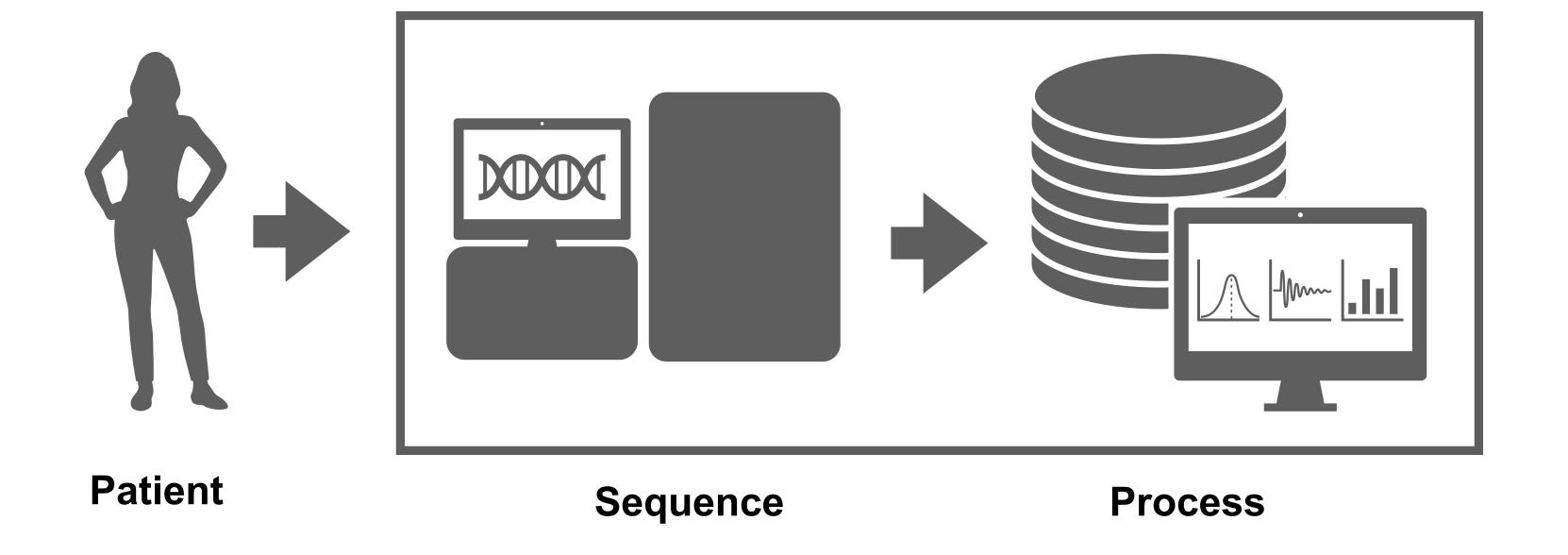


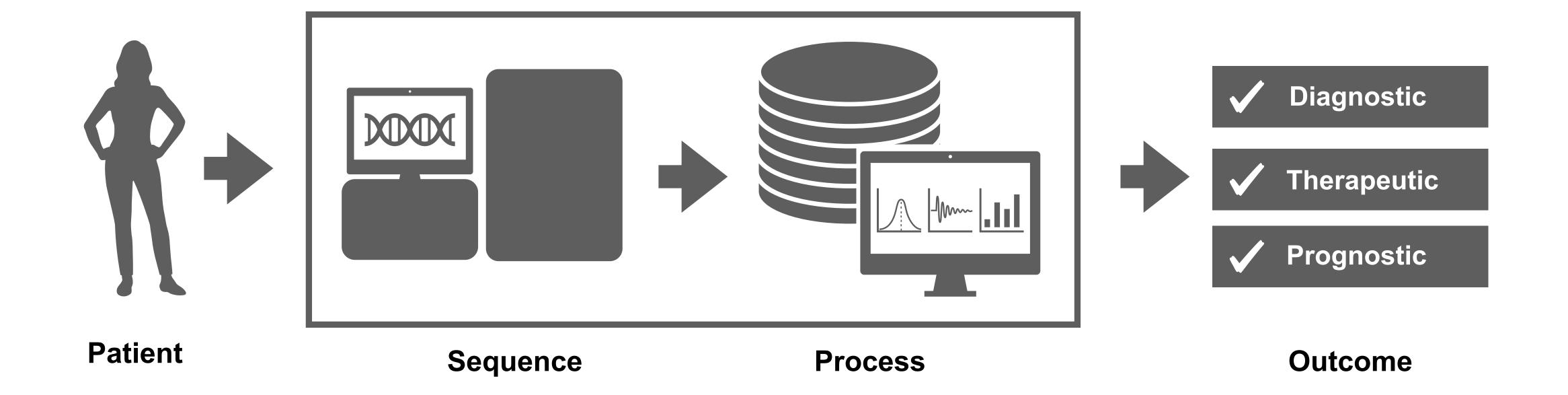


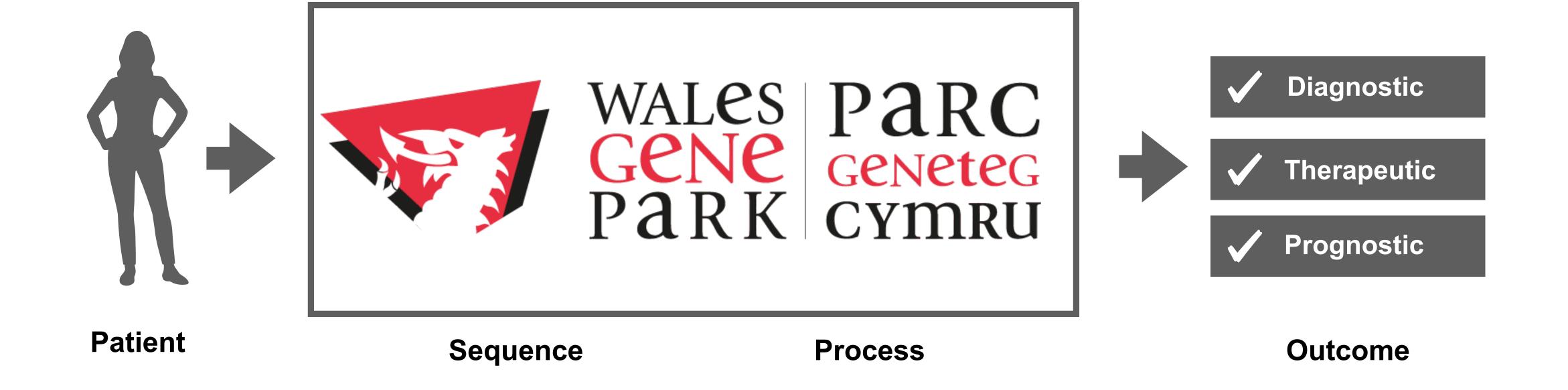


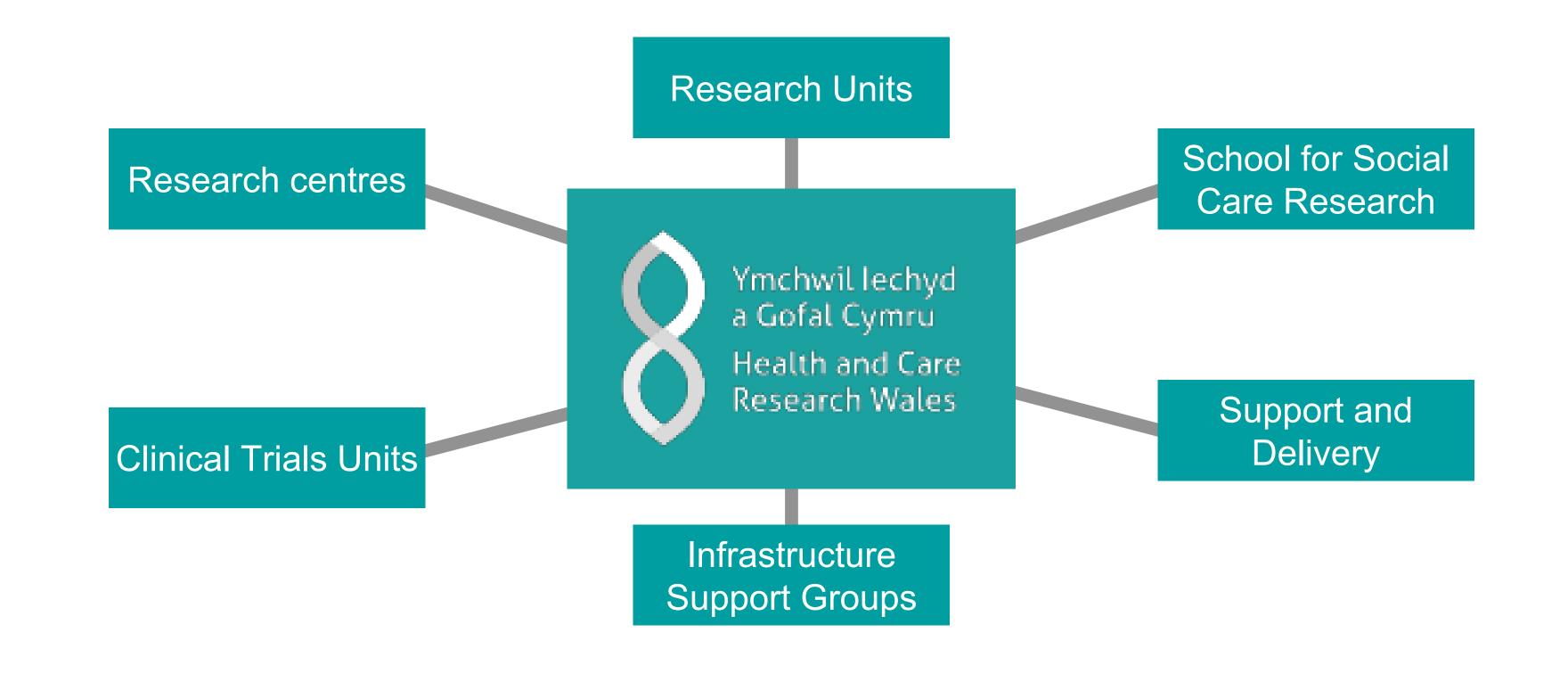
**Patient** 

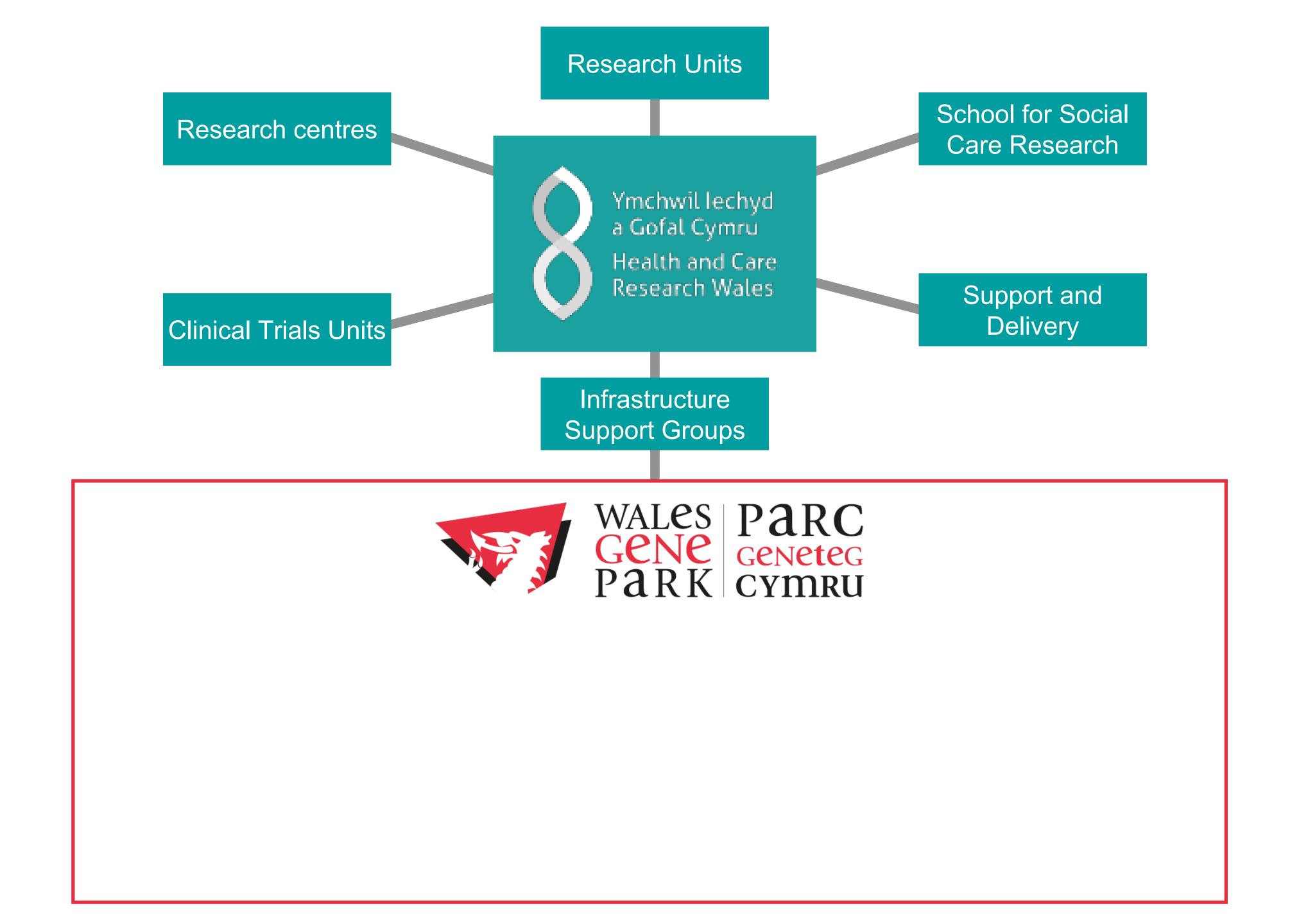


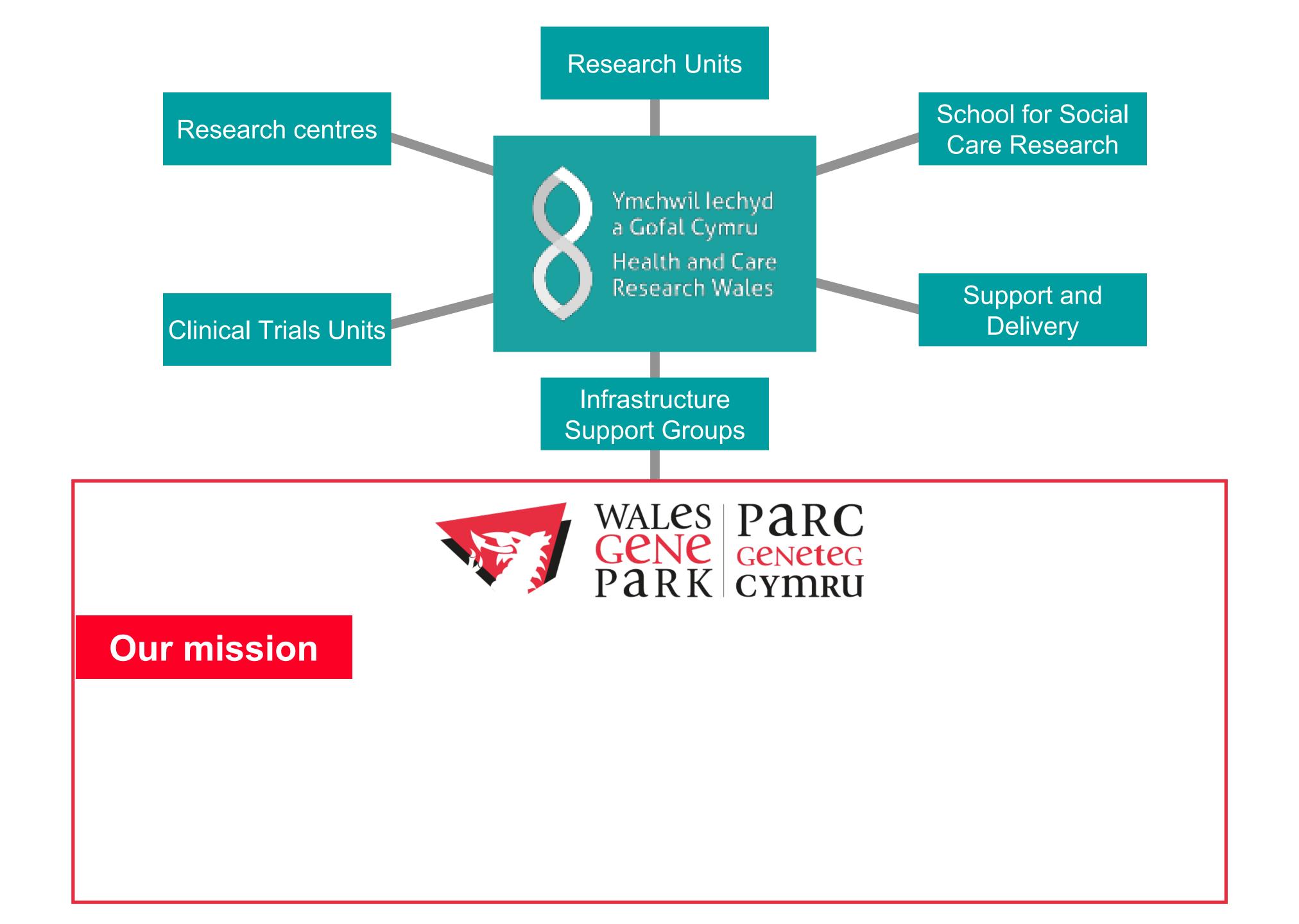


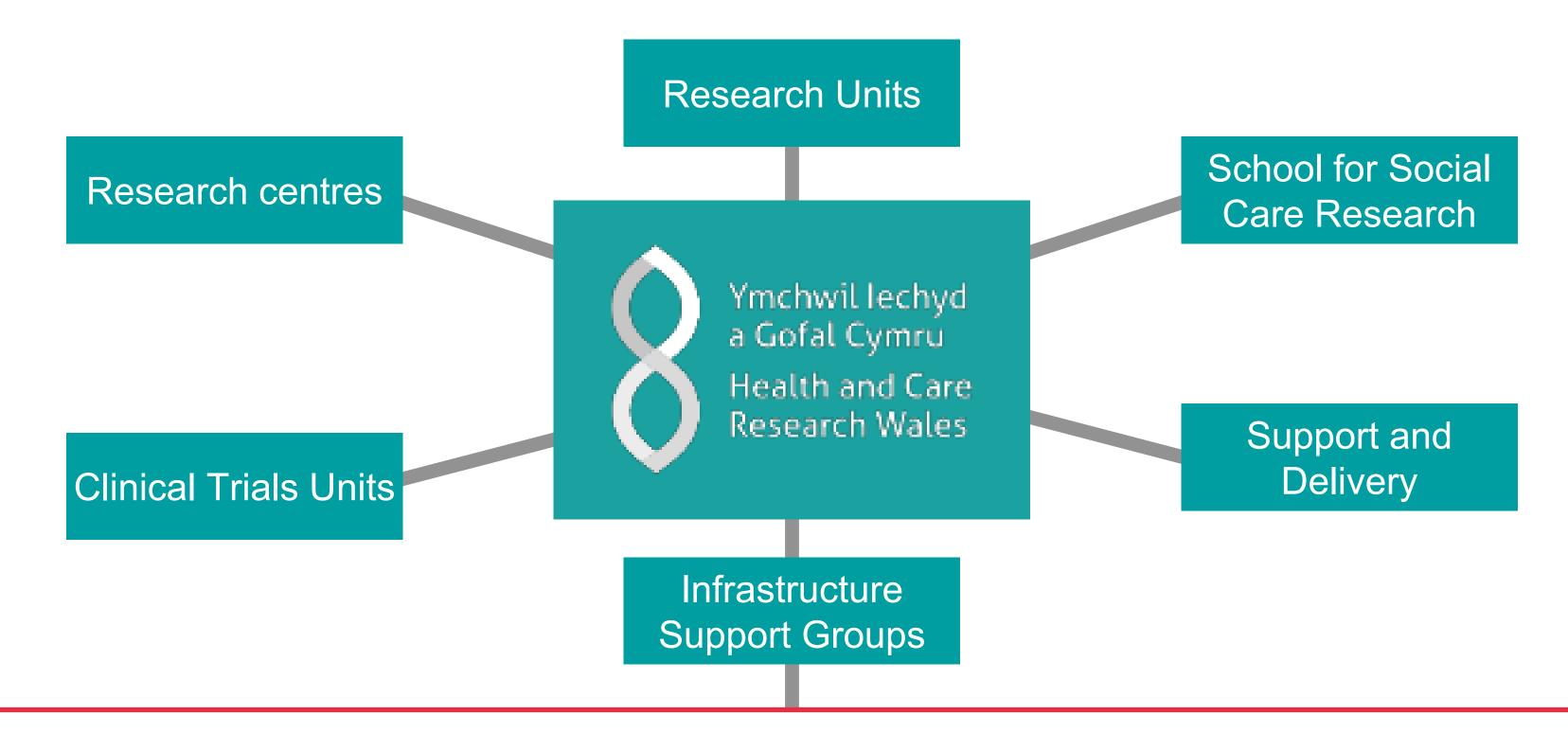








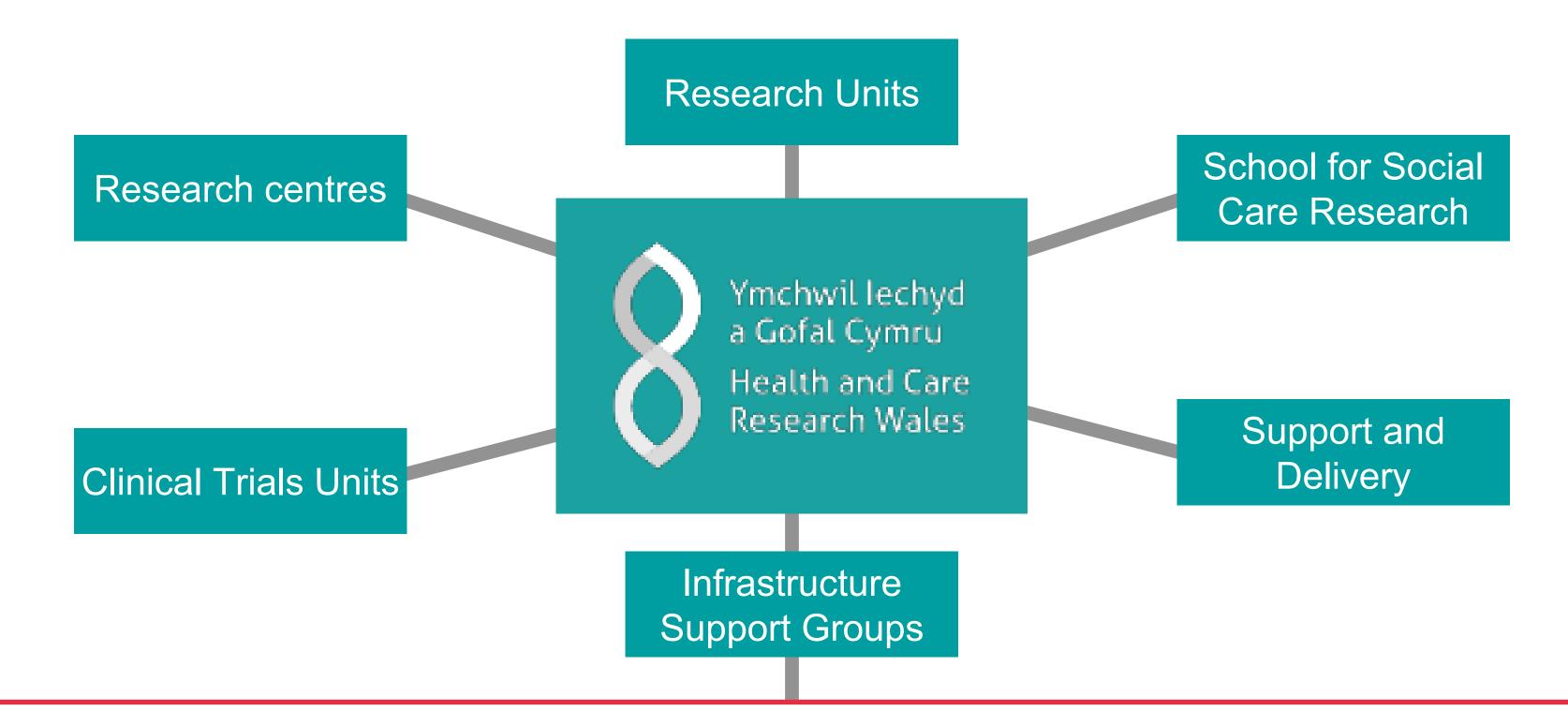






#### Our mission

• to promote and facilitate Welsh medical genetic and genomic research and its application to improve health and wealth in Wales.



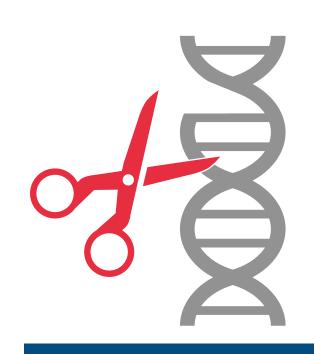


#### Our mission

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- to engage the public and health professionals to improve understanding of the opportunities and challenges arising from genetics and genomics.

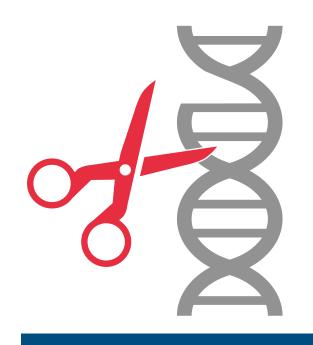




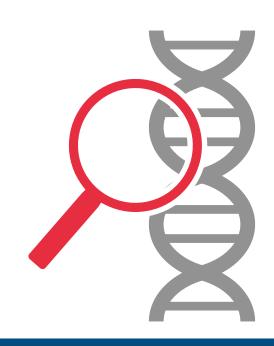


Genomic editing and transgenics





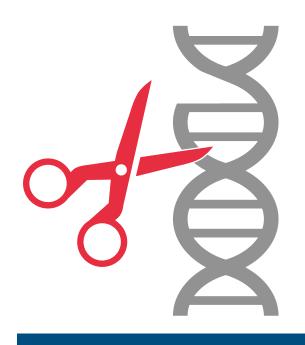
Genomic editing and transgenics



Work package 2

**Genomic Facility** 



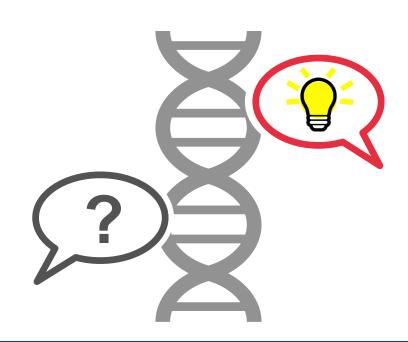


Genomic editing and transgenics



Work package 2

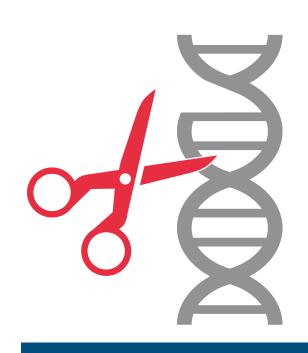
**Genomic Facility** 



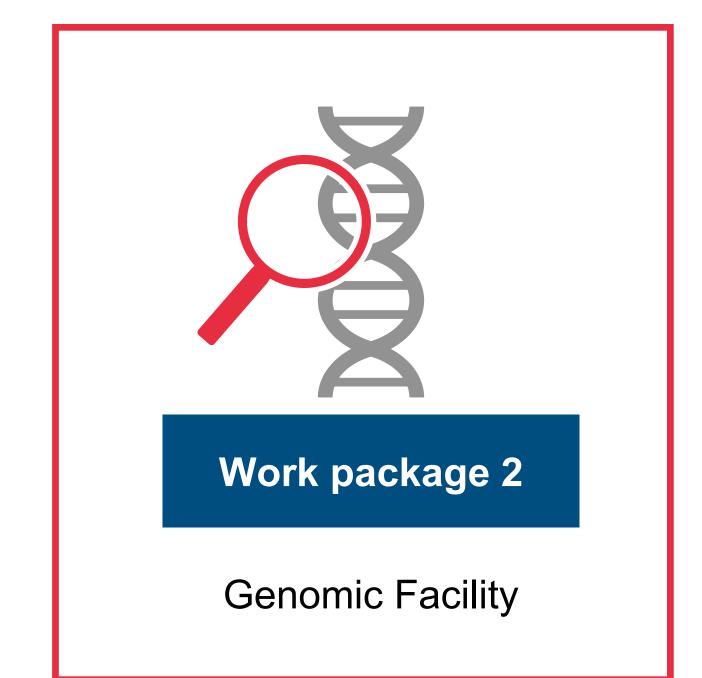
Work package 3

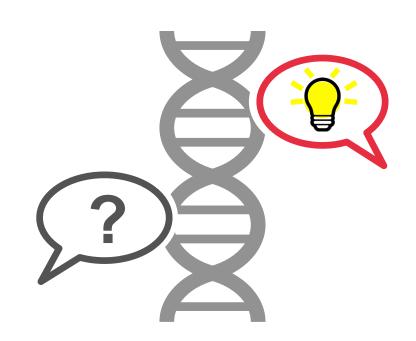
Education and Engagement





Genomic editing and transgenics



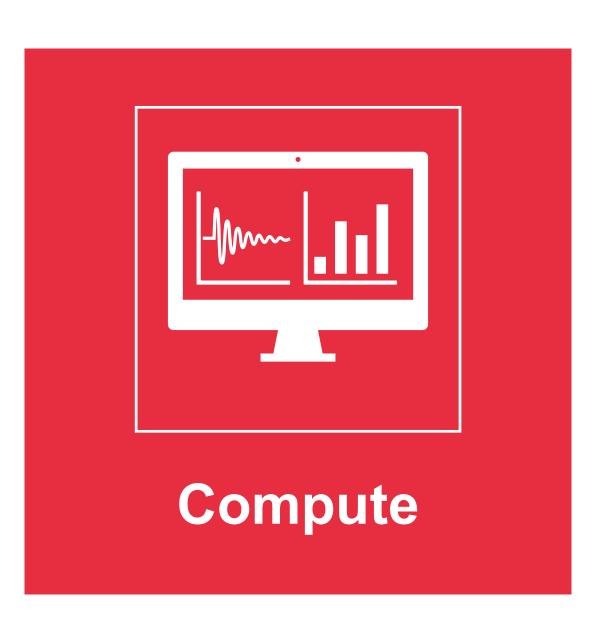


Work package 3

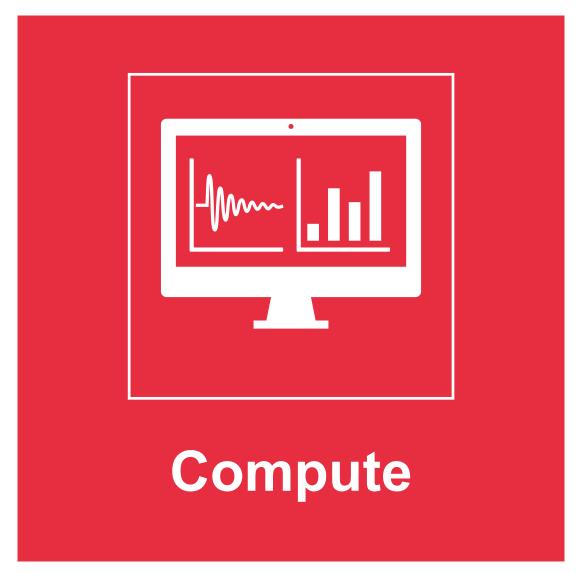
Education and Engagement





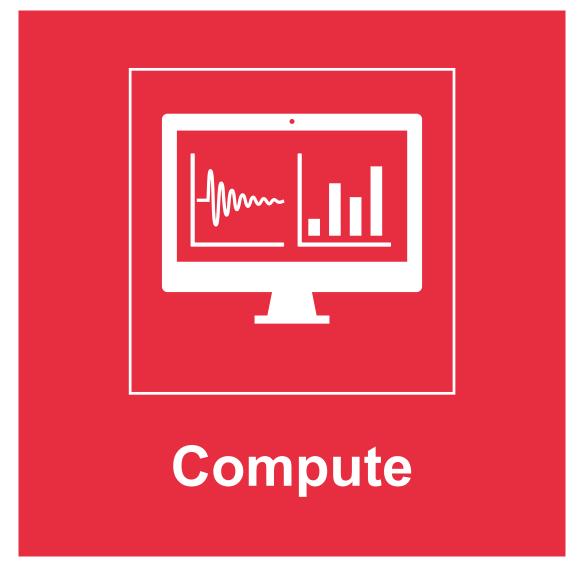




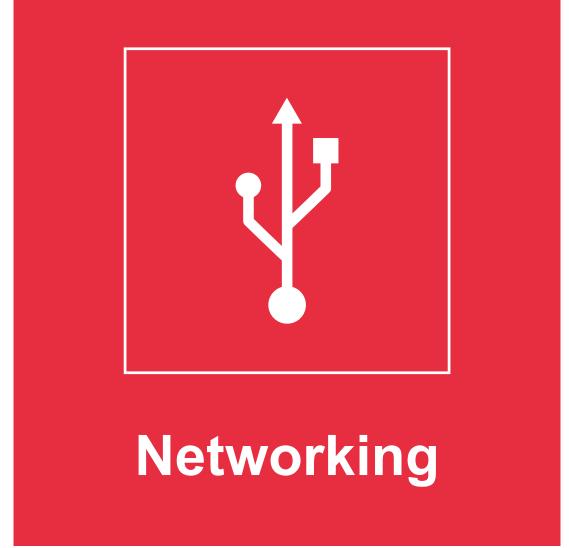


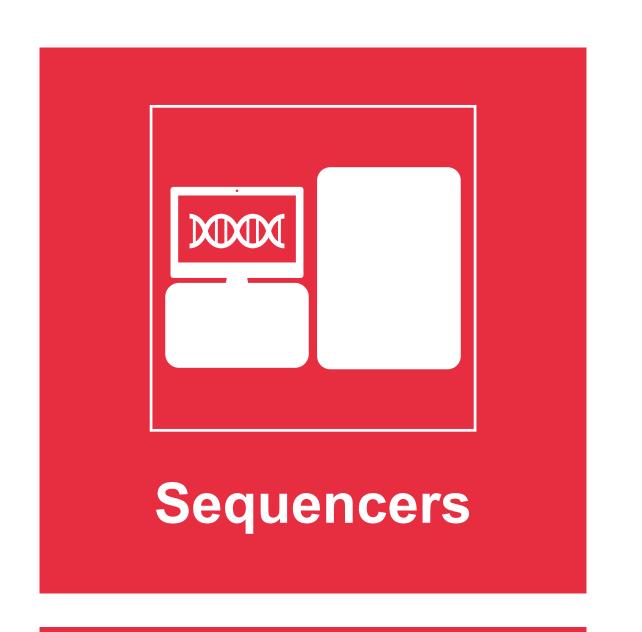


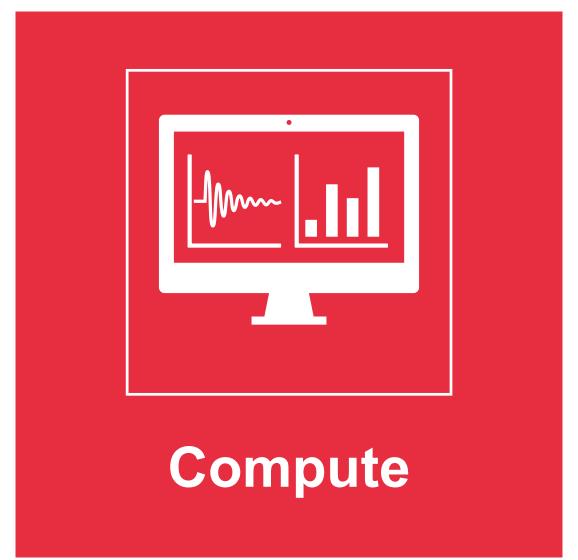




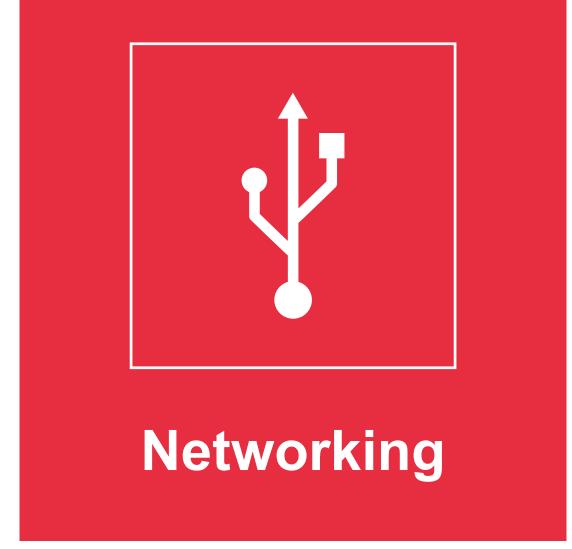


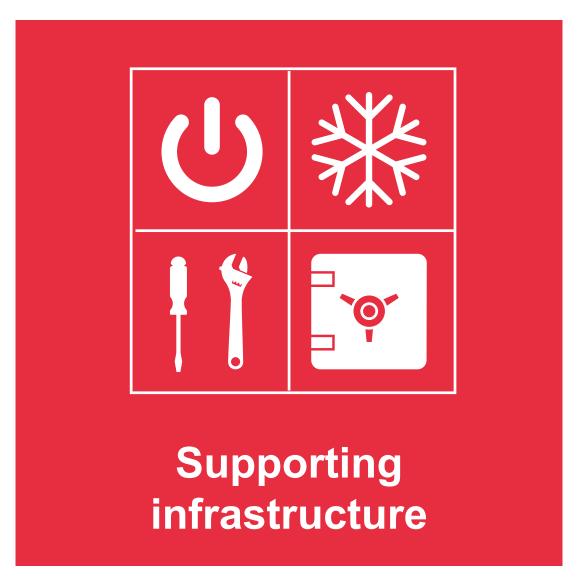


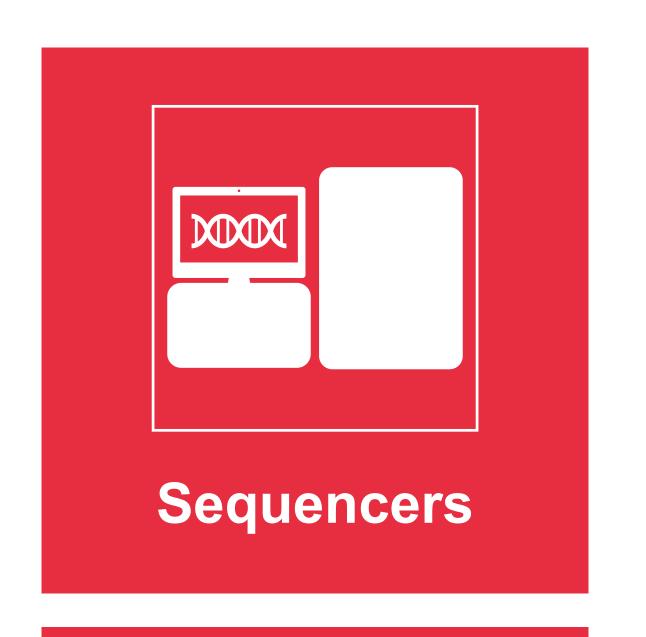




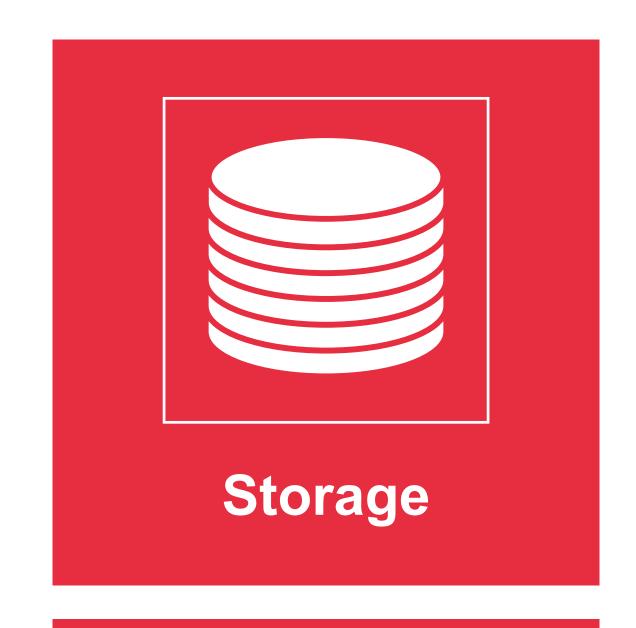


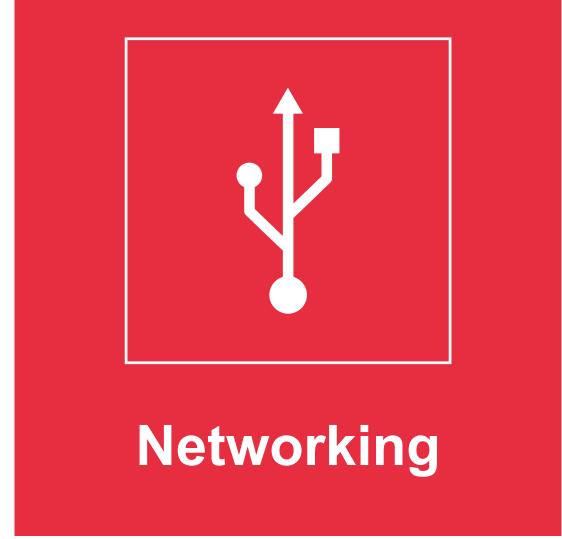














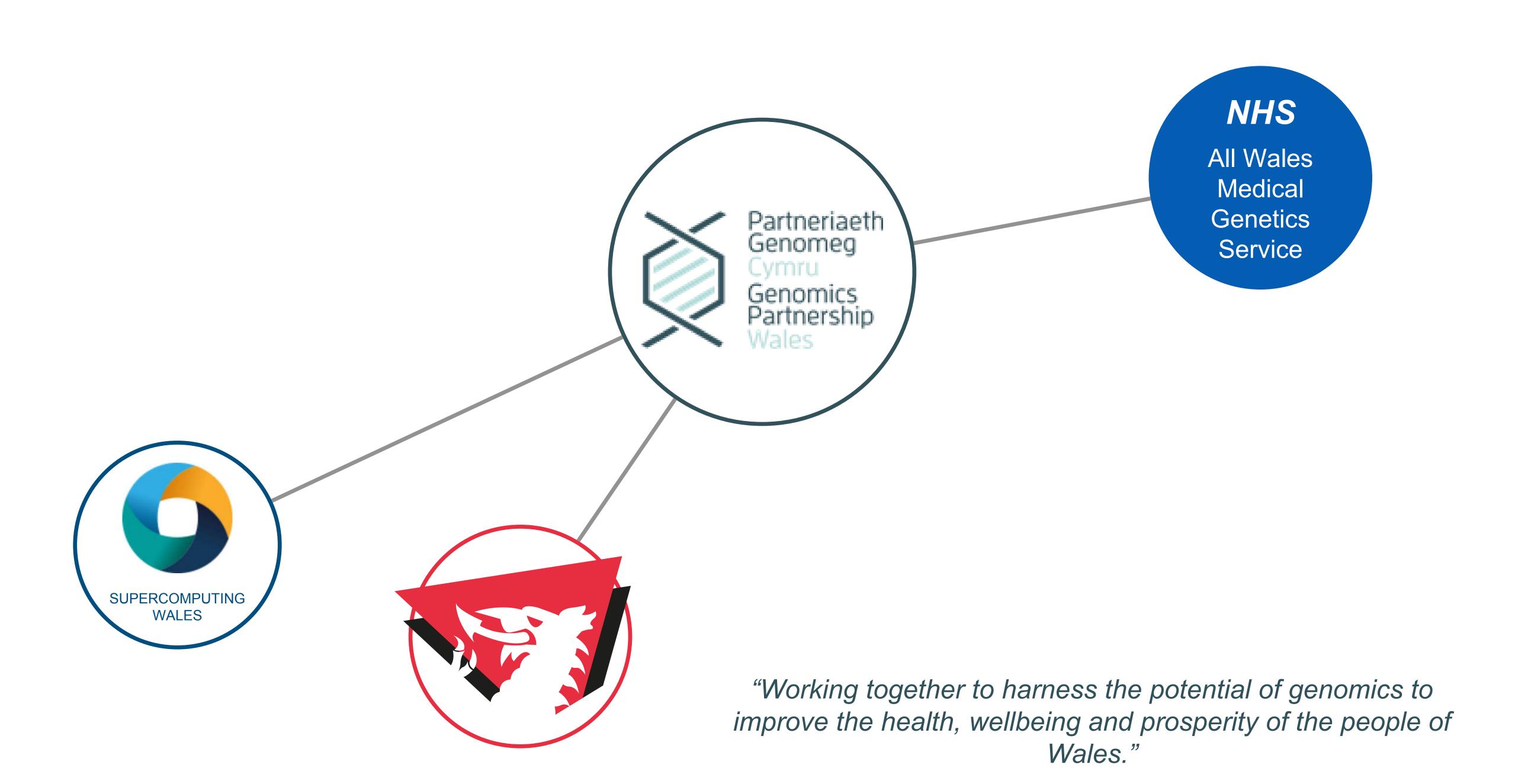


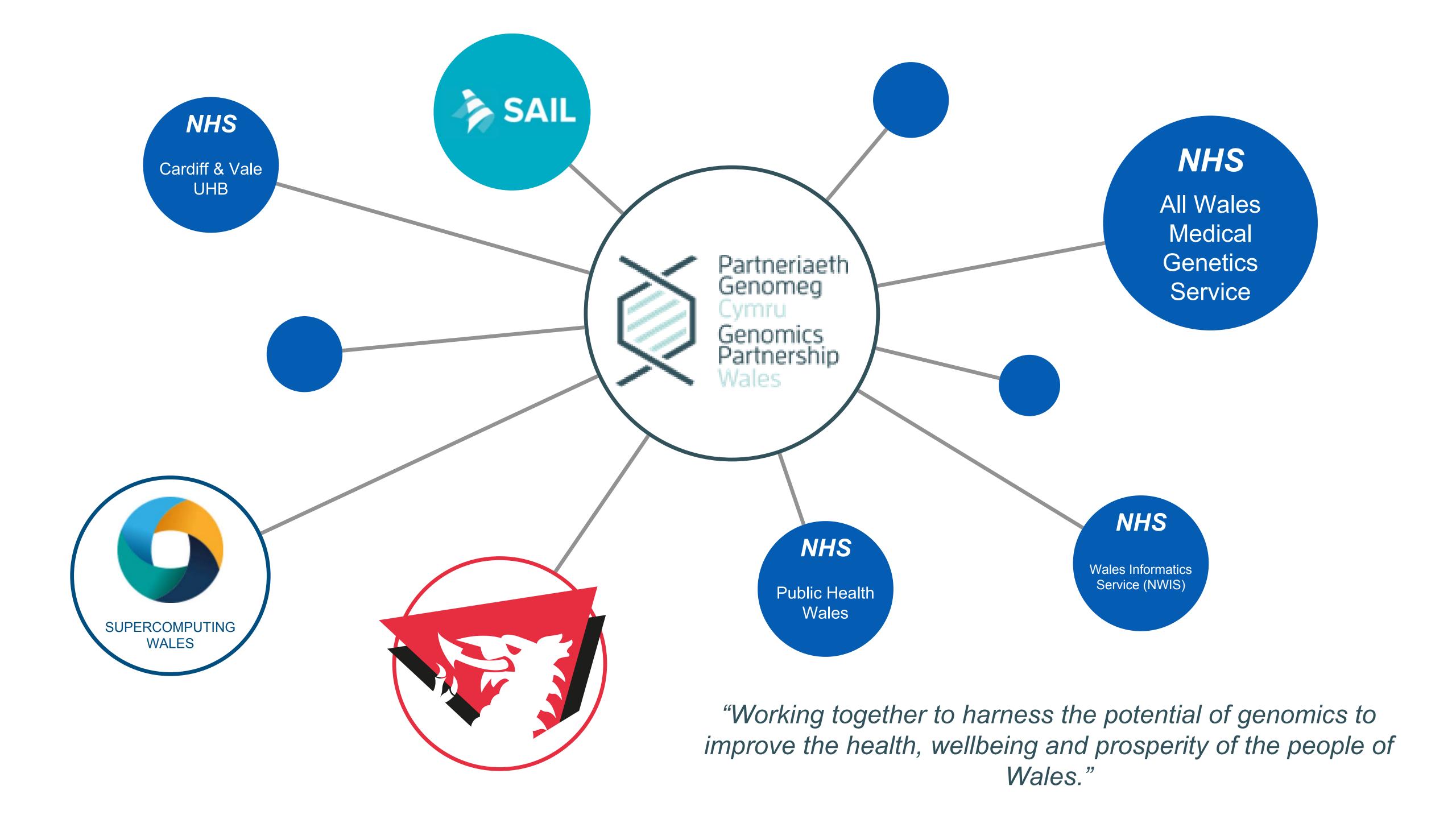


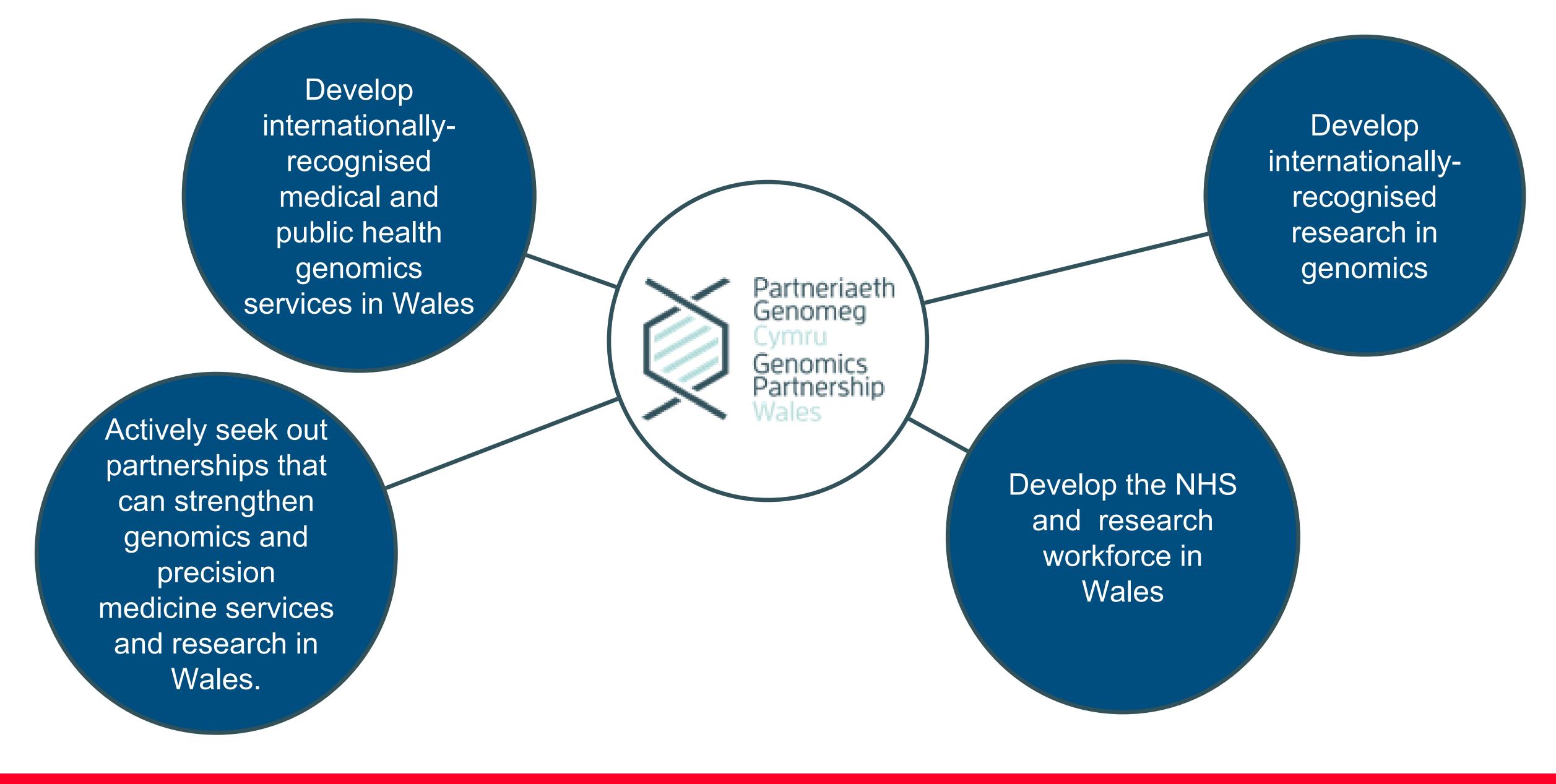
"Working together to harness the potential of genomics to improve the health, wellbeing and prosperity of the people of Wales."



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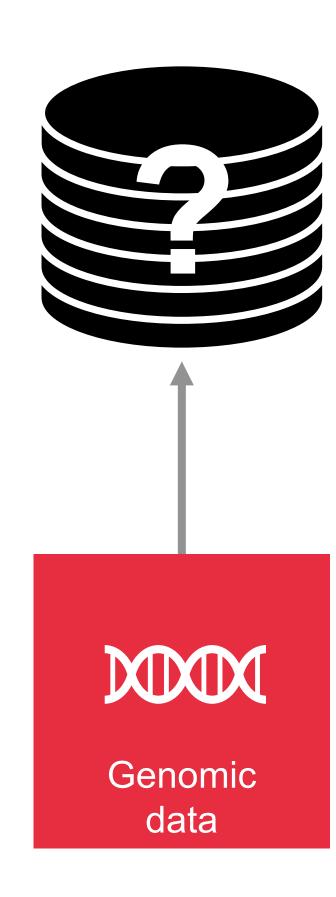


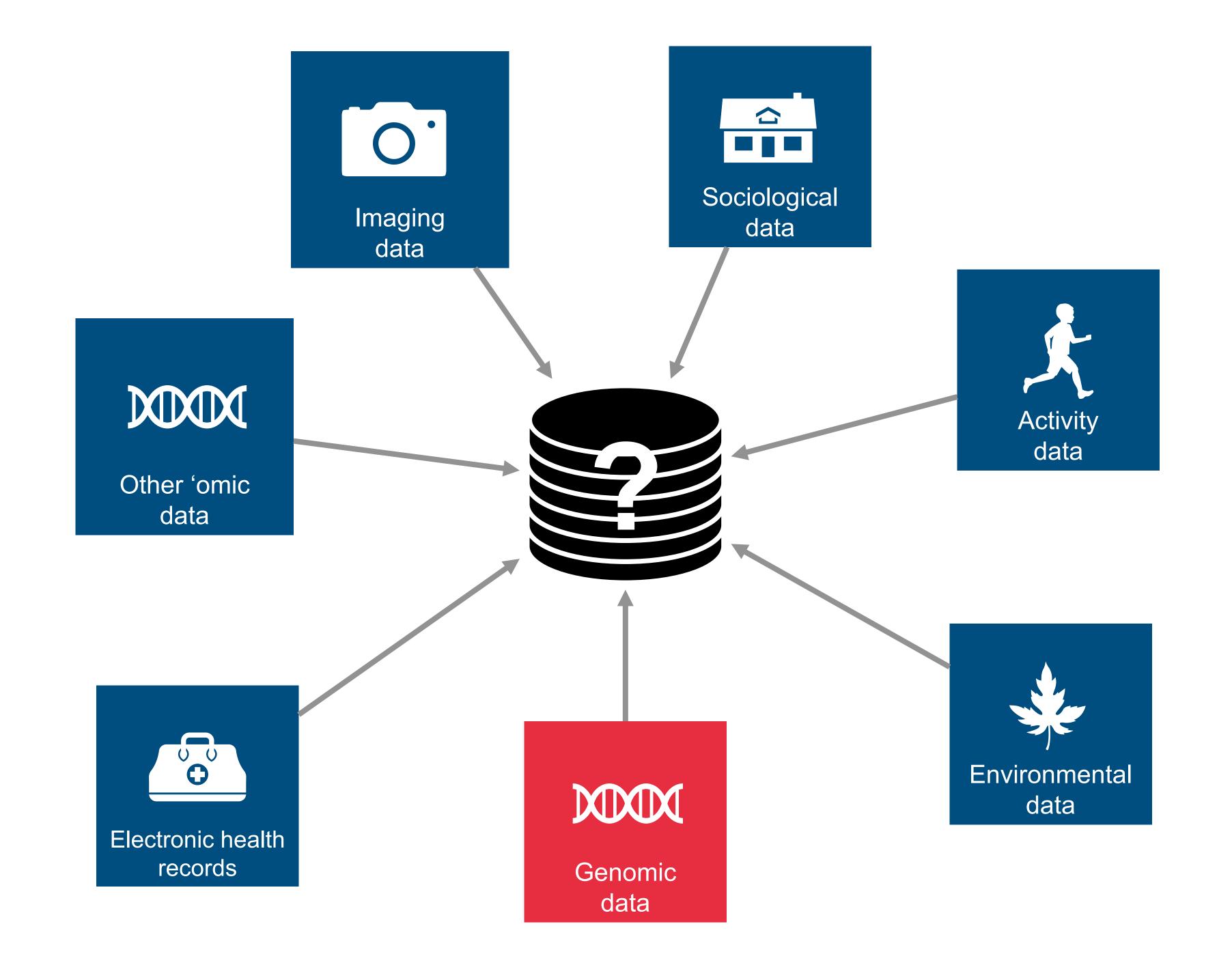


The strategy recognises that data and resources need to be shared between healthcare and research if the promise of precision medicine is to be realised.

# The data challenge







# The resourcing challenge



## NOW



## NOW



AWMG Genomics IT



### **NOW**



AWMG Genomics IT



SHARED
HUMAN GENOMICS
RESOURCES?





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HUMAN GENOMICS
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