



Genomic Medicine Sweden

Per Sikora, PhD

Chair of Informatics and Infrastructure, GMS



GMS Mission Statement



Implement Precision Medicine in Swedish Healthcare



Improve collaboration and harmonize care across regions



Further industry innovation



Create unique (inter)national research opportunities

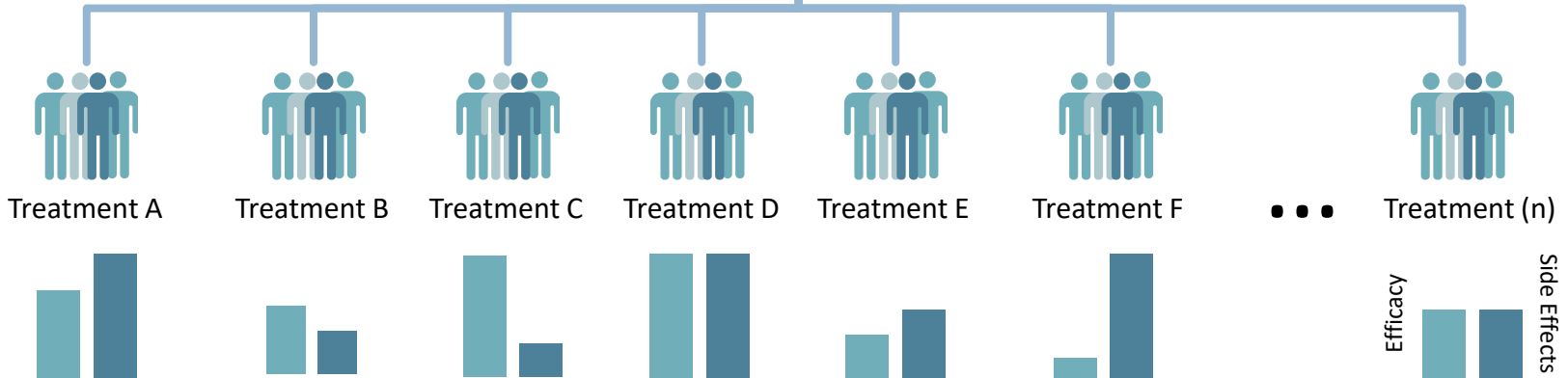


New national structures and infrastructures in healthcare

Precision Medicine

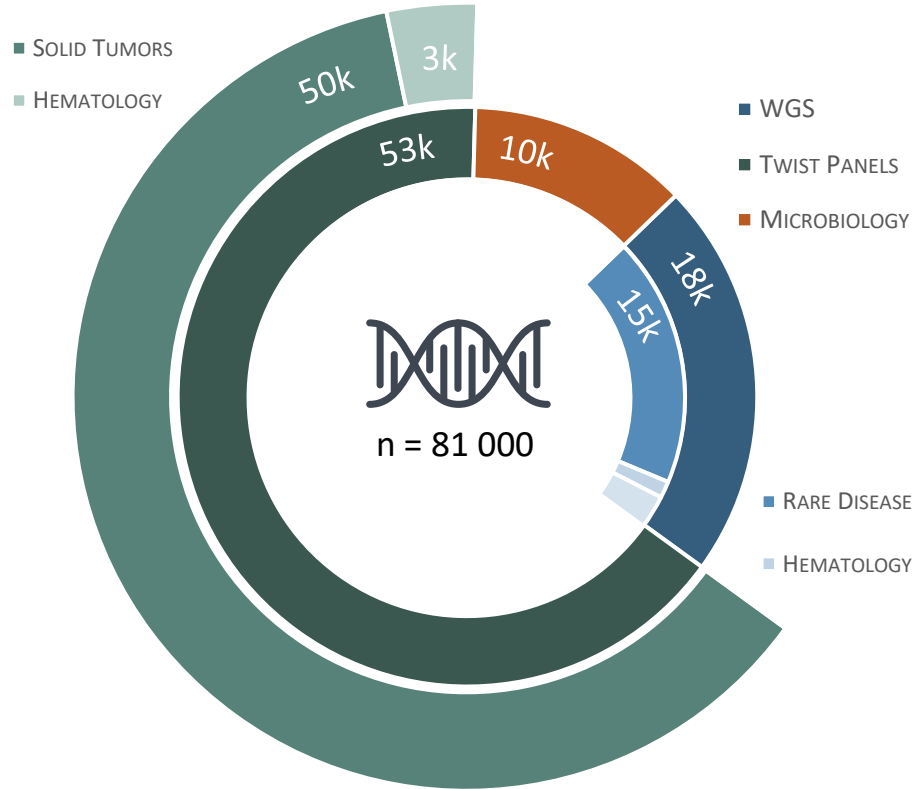
The right **treatment**...
...at the right **time**...
... for the right **patient**

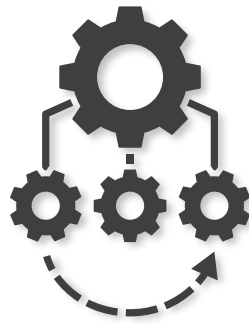
Marker A
Marker B
Marker C
....
Marker X



We need (more) data!

GMS Projected Yearly Production 2025





Multiple IT-Systems

Ageing infrastructure

Lack of standardisation

No central organisation

Caveats

Data needs to be standardised

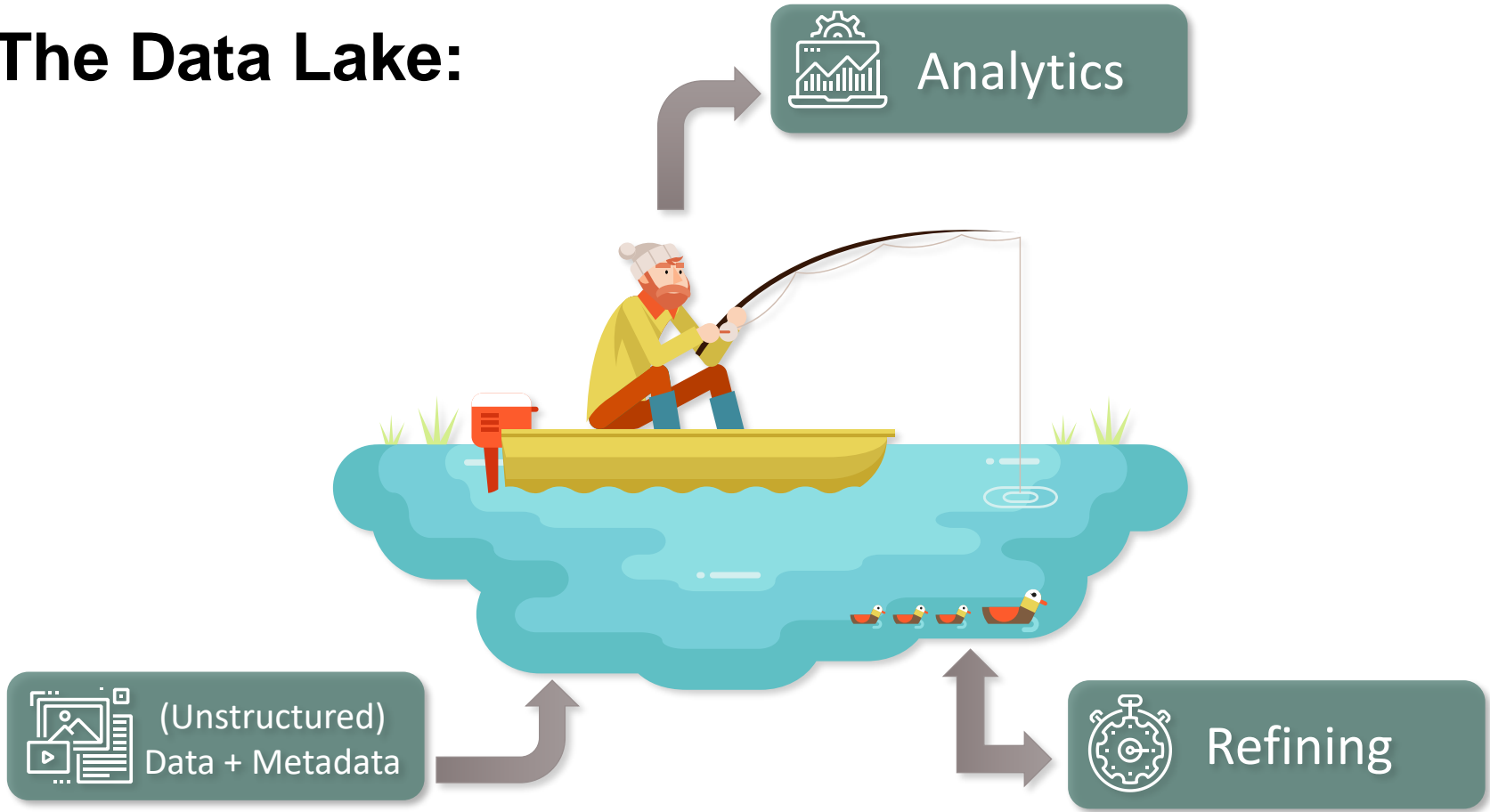
Data needs to be "hot"

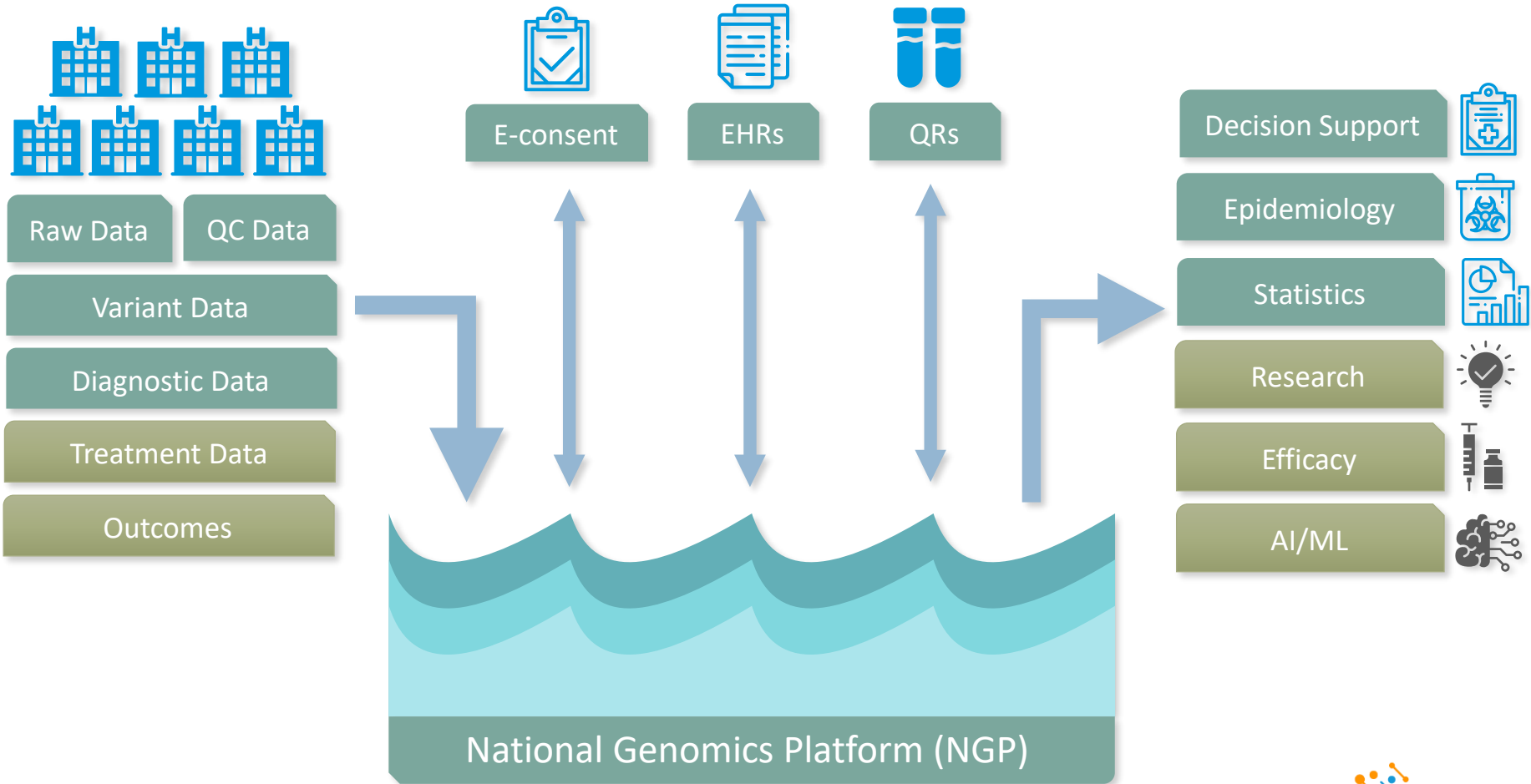
Data needs to be geographically close

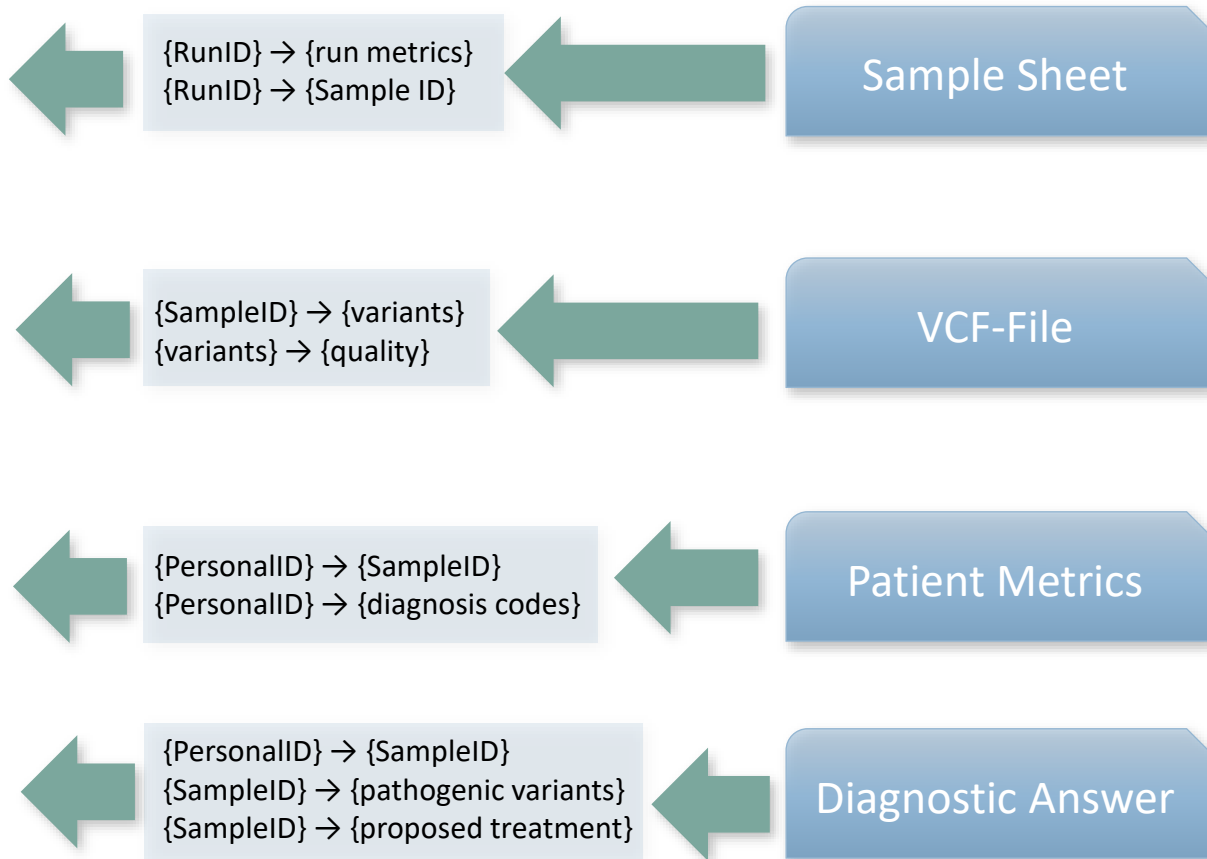
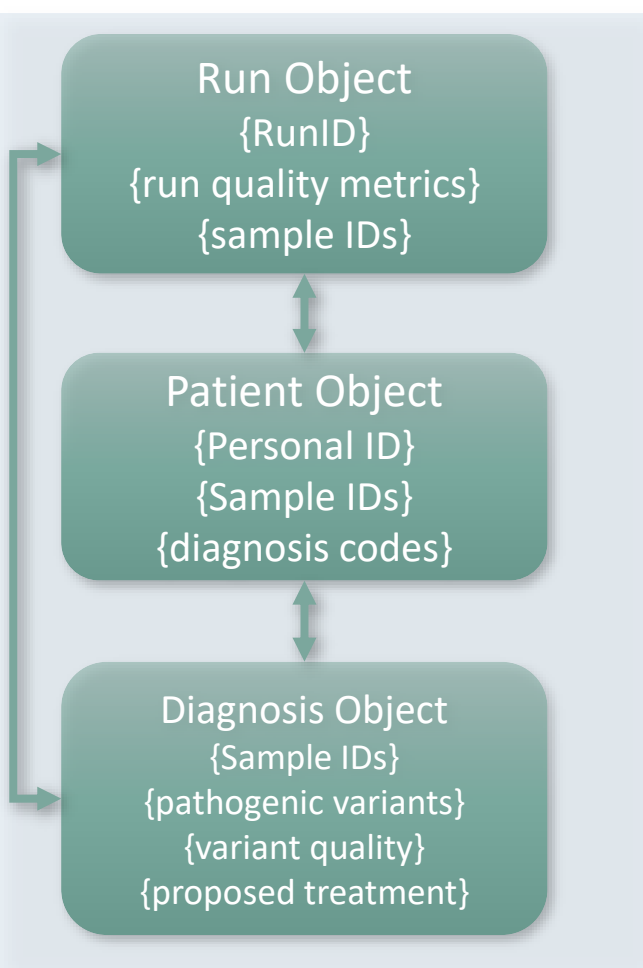


Think different.™

The Data Lake:







11 reposts



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Fantastiskt bra jobbat av [Per Sikora](#), [Katarina Nyström](#) och alla andra hjältar i detta projekt. Bra för [Genomic Medicine Sweden](#) men framför allt bra för Sverige!

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Fantastic job by [Per Sikora](#), [Katarina Nyström](#) and all the other heroes of this project. Good for [Genomic Medicine Sweden](#) but above all good for Sweden!

 **Genomic Medicine Sweden**

1w · 🌐

Genomikdata från vården kan nu delas över landet via den Nationella Genomikplattformen (NGP). Detta efter att avtal undertecknats mellan alla GMS parter. Än så länge görs det inom forskningsprojekt i väntan ...see more

[See translation](#)



Nationell IT-infrastruktur i drift för att dela genomikdata mellan sjukvårdsregionerna

genomicmedicine.se · 2 min read

2023-2025

5 year platform funding proposal

Automated data collection

Integration with national E-consent

Integration with national agencies

Feasibility portal for omics-data

Genomic Medicine Sweden

Genomic Medicine Sweden, GMS, paving the way for improved diagnostics, care and treatment.

[Read more](#)



Sweden's ambitious national collaboration for genomic medicine

Our strategic mission is to foster collaboration between healthcare providers, academia and industry and realize precision medicine by effectively utilizing the rapidly advancing sequencing technologies to provide the highest standards of genomic testing in routine clinical care throughout Sweden.

<http://genomicmedicine.se>