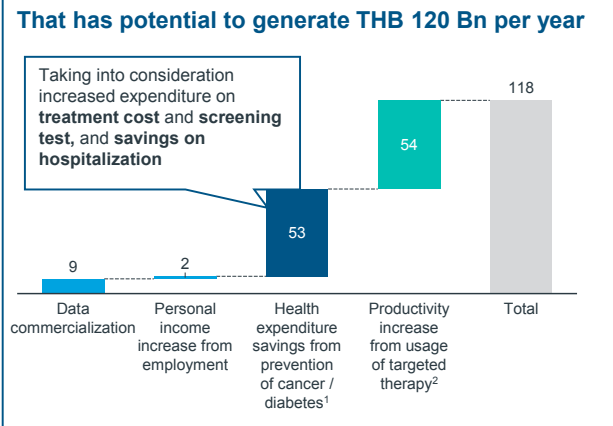
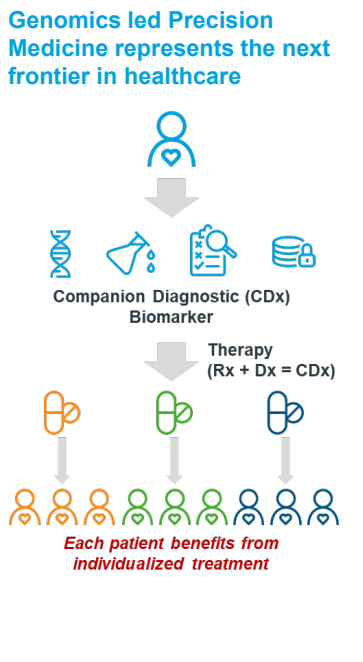
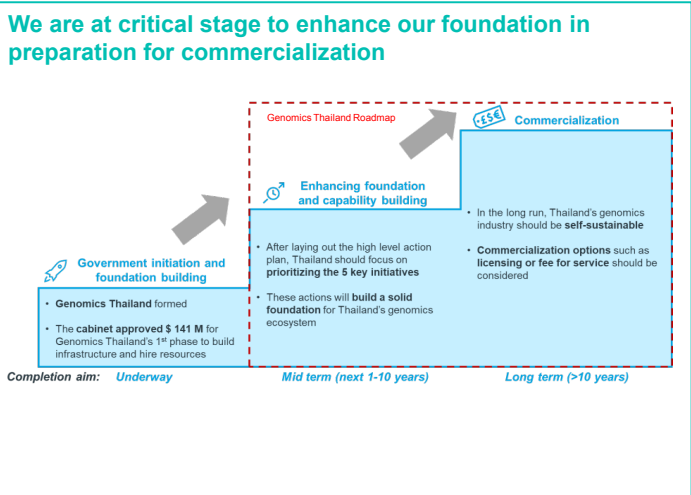


# EXECUTIVE SUMMARY



- Key challenge to address:**
- No centralized/ accountable organization accountable
  - specific human capital availability
  - Genomics specific regulation and governance
  - Data usage, security and access guideline
  - Fragmented data platform
  - Low genomics awareness

- Vision to achieve success:**
- To **improve healthcare outcome** for Thai citizens by increasing accessibility to genomics diagnostics and treatments
  - To **form a centralized deep clinical genomics data platform** across healthcare providers and universities
  - To **reduce cost of healthcare** through improved prevention, diagnosis and treatment
  - To build awareness of genomics and its advantages among all Thai citizens and healthcare professionals
  - To form Thailand **specific genomics regulations** and legislations to ensure ethical usage of genomics



**Potential annual investment of up to THB 1.5Bn for enhance foundation and capability building stage**

- 5 Initiatives to "enhance" the foundation and to "build" capability**
- 1 Form central governing body and define ownership
  - 2 Build infrastructure
  - 3 Provide training and attract new talent
  - 4 Build awareness
  - 5 Encourage research and spin-offs

