

# Digital Maturity – Learnings and Opportunities from New Zealand assessments

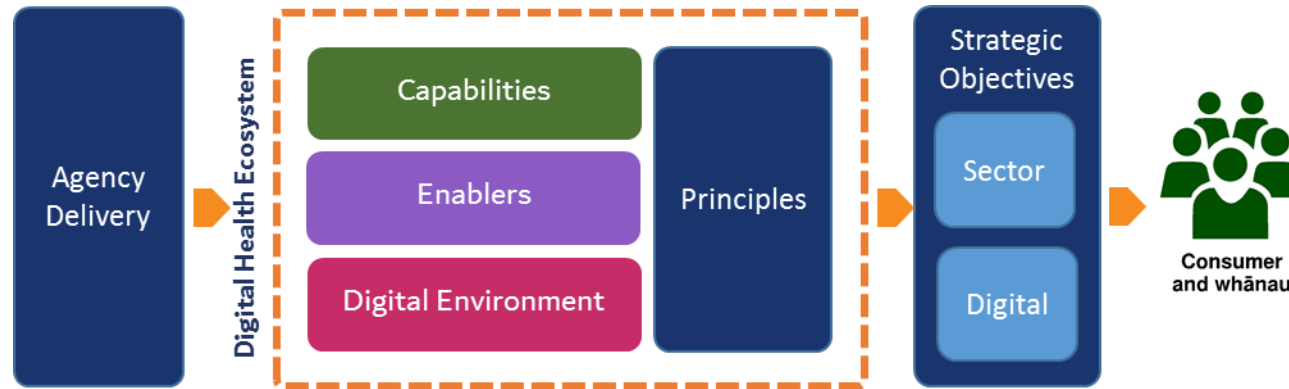


Brenda Hynes – Sector Portfolio Manager, Data & Digital, Ministry of Health

Jack Devereux – Business Solutions Manager, Southern DHB

Dr Greig Russell – Principal Medical Information Officer, MidCentral DHB

# Ministry Context



- Digital Health Strategic Framework
- Allow agencies to make good decisions that move the sector in the right direction at the right pace
- Assessing maturity to inform planning decisions and measure progress
- Identify opportunities for improvements, value and transformation
- Use internationally aligned maturity assessment tools
- Take a whole of system approach



# Assessment models

- CCMM – Continuity of Care Maturity Model
  - Assessing levels of care co-ordination, systems, integration and patient engagement across multiple care settings
- EMRAM – Hospital EMR Adoption Model
  - Measuring EMR capabilities and impact on systems and patients
- OEMRAM – Outpatient EMR Adoption Model
  - Scoring healthcare clinics on the maturity of their EMR environments
- INFRAM – Infrastructure Adoption Model
  - Improve care delivery, reduce risk and create a pathway for infrastructure development



- March/April – Southern DHB
  - On site assessment
- July – MidCentral DHB
  - Virtual Assessment



# Southern DHB

- **First DHB to undertake the Digital Maturity Assessments**
- **Opportunity for Southern to engage both internally and externally and the challenges we faced**
  - **Realistic about the opportunity this presented**
    - **Timing was right for us**
    - **Workshops held on site late March 2019**
      - **Draft report 1 April 2019**

# Key Learnings

- Continuity of Care Maturity Model (CCMM)
- Electronic Medical Record Adoption Model (EMRAM)
- Out-Patient Electronic Record Adoption Model (O-EMRAM)
- Infrastructure Adoption Model (INFRAM)



# Value

- Future focused
  - Incorporate actions into strategies
- Broaden engagement and collaboration with external agencies
  - Consistent language and direction for the future
  - Helped focus our internal and external initiatives

# MidCentral DHB

- Second DHB out of the block
- Incredibly grateful to the Southern Team and the Ministry team for all the help and kindness.
- MidCentral DHB undertook the assessment virtually and the technology (actually) worked.
- Assessments were completed July - August 2019





# Key Learnings



# Key Learnings



# Value

- Affirmed the findings from our Reference Architecture review
- Like Southern, we now have a common view across the district of our current state and our challenges.
- With a common language, based on a common platform.
- Acting as both a springboard and a call to action.



# Te Awa - the river, the journey

 **Te Awa**  
**Tā Mātou Rautaki Hauora Matihi**  
Our Digital Health Strategy



# Next Steps

- 3 DHB's this year in progress
- 5 DHB's in the first 6 months of 2020
- Plan is then remainder 10 DHB's in 2020/2021



# Questions

