

Fiji's experience and lessons learnt in undertaking development of its National Digital Health Strategic plan

Pacific Health Information Network, 28-30th March, 2023 -
Tanoa International Hotel, Nadi, Fiji

Overview

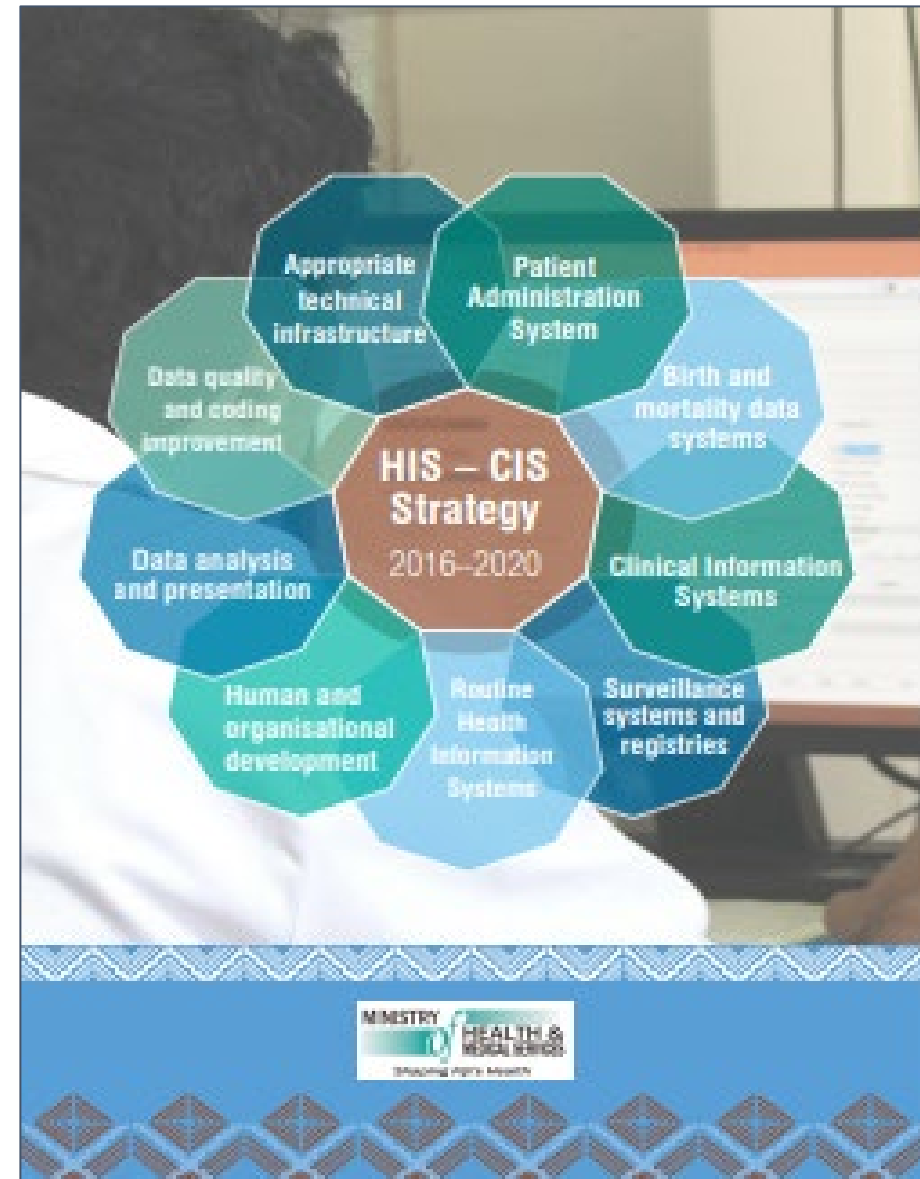
- Background
- Reviews
- Review findings
- Pandemic & Epidemic
- Developing the DHS
- Current status & next steps
- Guidance towards effective implementation

Background

- ❑ **2017** : Fijian Government released its **20 Year National Development Plan 2017-2036**
 - *Expand coverage of electronic of patient management systems in facilities*
 - *Integrated surveillance systems*

- ❑ **2019 Global Strategy on Digital Health 2020-2025**

- ❑ **2020** : MHMS released its **National Strategy Plan 2020-2025**
 - *Harness Digital Technologies to facilitate better health care for our patients*



Reviews

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FINAL REPORT

PATISPlus Functionality Assessment & Development Roadmap to Support the GP Trial Initiative

Gaining Broader Insights into PATISPlus and the Ministry of Health and Medical Services Digital Health/ IT Services Through the GP Trials Initiative

June 4, 2019

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Dr. Margaret Kennedy, Lead Clinician & Change Management Specialist
Chris Nickerson, Digital Health Architect

2019

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FIJI HIS-CIS STRATEGY 2016-2020 MID-TERM REVIEW

An Opportunity to Catalyze, Re-balance and Shape the Future of Digital Health in Fiji

Final Version Number: 1.1
Date: February 16, 2020

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2020

HEALTH INFORMATICS CONSULTING

Current State Description Fiji Digital and Health Information Strategy

Prepared by: Health Informatics Consulting

10 August 2022
Version 1.4

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2021

Review Findings

- Staff changes, funding and other constraints resulted in minimal structured implementation of the CIS-HIS strategy (only 16% achieved)
- [REDACTED]
- '...foundational activities such as improving the human and organizational capacity, providing the proper infrastructure, and ensuring quality coding and standards compliance..'
- Key recommendation - Digital health strategy (LT) and outlined a 18 month implementation costed plan @ \$2.5 million (ST)

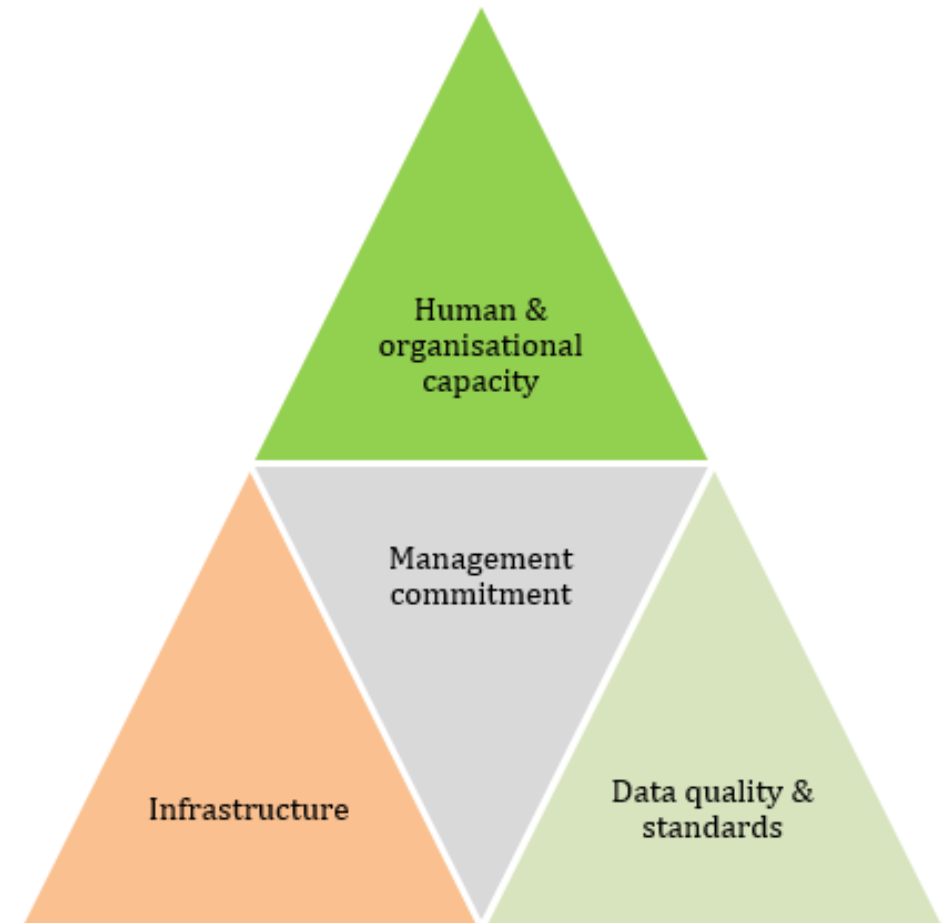


Figure 1: Building blocks of digital health

COVID 19 Pandemic 2020, 2021



Ransomware epidemic, 2021



Developing a Digital Health Strategy

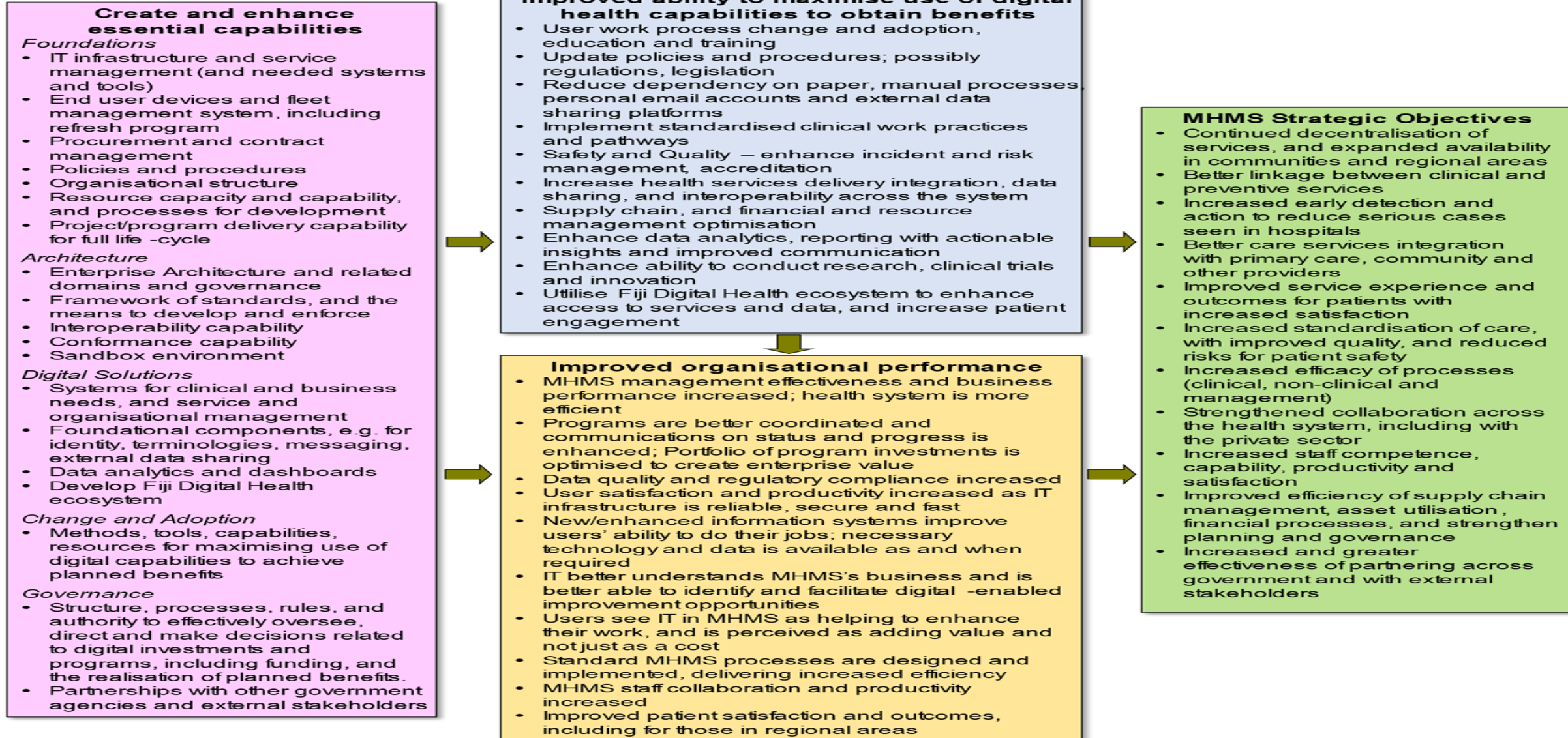
- Situational analysis (reviews)
- Partnership with technical agency and development implementing agency
- Recruitment of consultancy
- Set out a plan of action
- Establishment of a Digital Health Steering Committee
- Interviews of key stakeholders within the Ministry
- Consultation with donors, partners and technical agencies
- National consultation of Draft Digital health strategy



Current status & next steps

- Submission of final draft
- Endorsement of DHS technical working group
- Review and Endorsement at Executive level
- Final consultation with key stakeholders
- Final amendments
- Printing of DHS
- Submission for Cabinet approval
- On-going activities: Implementation plan, MEL and other considerations to *'make the changes stick'*.

Strategic Steering model



Process Capability Maturity Model

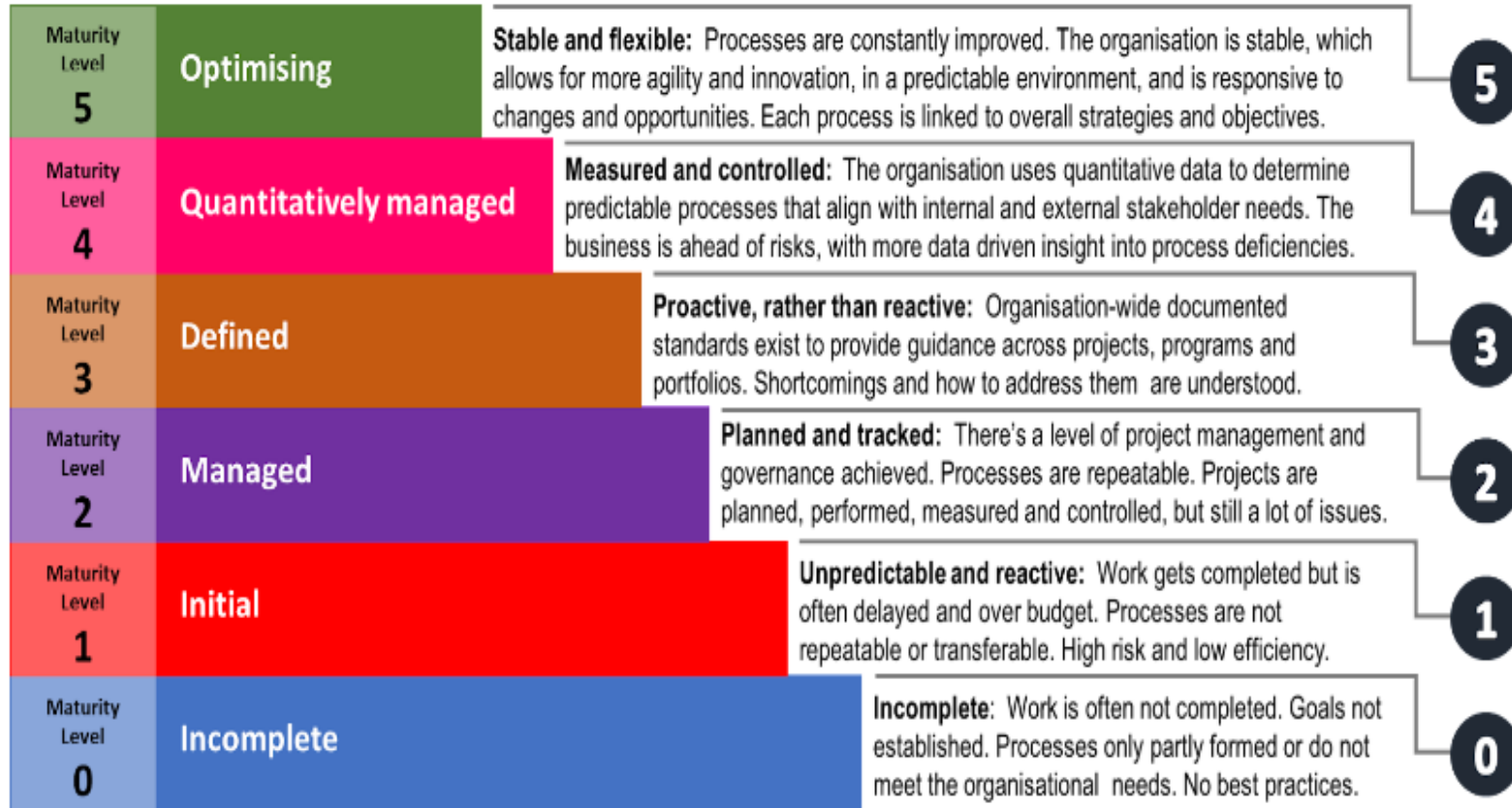


Figure 3: Organisational and Process Capability Maturity Model

Originally developed by the Software Engineering Institute (SEI) at Carnegie Mellon University, USA, and adapted for broader business use over time; for example, see: <https://www.cio.com/article/274530/process-improvement-capability-maturity-model-integration-cmmi-definition-and-solutions.html>.

Workstreams

- ❖ Foundations
 - Business solutions that focus for IT
 - IT service management capability
- ❖ Governance
 - The Portfolio, Program and Project Management framework
- ❖ Architecture
 - Standards & intra operability
 - Enterprise architecture

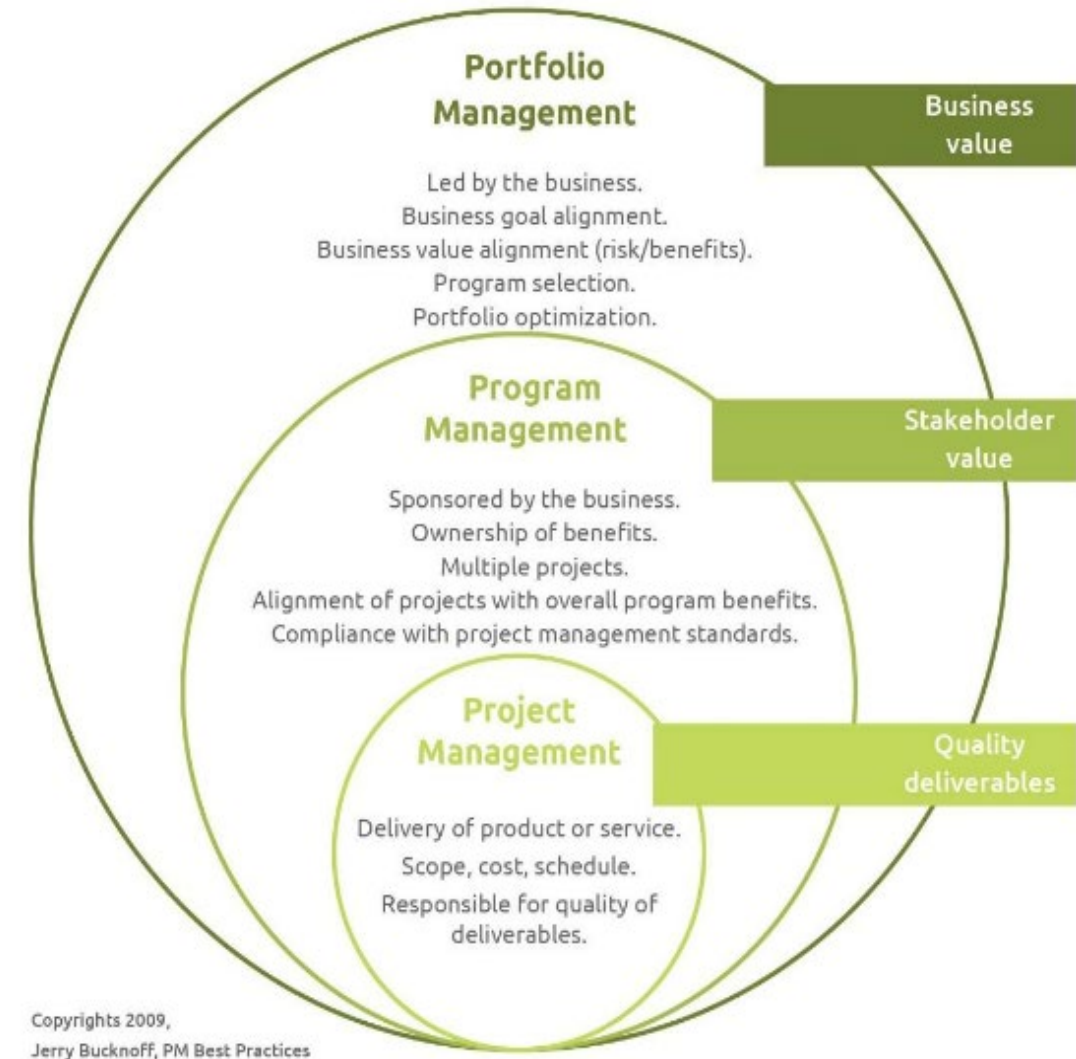


Figure 7: Portfolio, Program and Project – what's the difference?

Vinaka vakalevu



Acknowledgement: Stakeholders, Consultants , Dfat-Health Facility Program, WHO and DHS Steering Committee