Partnering with eHealth NSW

The front door for Digital Health research projects

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Acknowledgement of Country

I would like to begin by acknowledging the Traditional Custodians of the land on which we meet today, and pay my respects to their Elders past, present and future.

I extend that respect to Aboriginal and Torres Strait Islander colleagues here today.

VISION:

A digitally enabled and integrated health system delivering patient centred health experiences and quality health outcomes

- Organisations and health system performance is optimised and informed by eHealth
- Our people are assisted by eHealth to make effective decisions and in the delivery of integrated care
- Patients are well informed and supported by eHealth in achieving their health objectives





A DIGITALLY ENABLED AND INTEGRATED HEALTH SYSTEM DELIVERING PATIENT-CENTRED HEALTH EXPERIENCES AND QUALITY HEALTH OUTCOMES



CORE CLINICAL

INTEGRATED PAPER-LITE

INFORMATION SYSTEMS

Electronic Medical Records

Incident Management System

SYSTEMS

CORE CLINICAL

HealtheNet

Focus areas and examples of key initiatives and investments



INNOVATION

TO FOSTERING IT ENABLED INNOVATION

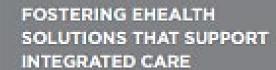
CONSISTENT APPROACH

Creating a Culture of Innovation and Collaboration

Coordination of ICT and Health Enabled Innovations



INTEGRATED CARE SOLUTIONS



Patient Identification and Selection

Patient Reported Measures

Patient and Provider Video Conferencing

Patient Health Education and Information Resources

Secure Messaging and eReferral Management

Shared Care Plans

Online Appointments

Remote Patient Monitoring



WORKFORCE AND BUSINESS MANAGEMENT SYSTEMS

ENHANCED INFORMATION
AND TOOLS TO FOSTER
ORGANISATIONAL
EFFECTIVENESS

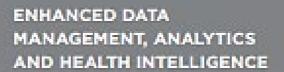
Availability and Access to Workforce Data

Effective and Integrated Workforce Management Tools

Workforce Education and Professional Development Tools

Finance Lifecycle Management





Standardised Data Structures, Storage and Reporting

Enhanced Capture and Use of New Data Sources

ANALYTICS

Enhanced Data Mobilisation

Enhanced Population Health Intelligence

Enhanced Preventative Health Analytics

Enhanced Research and Continuous Learning



INFRASTRUCTURE, SECURITY AND INTELLIGENCE

ROBUST MINIMUM STANDARD FOR INFRASTRUCTURE, NETWORKS AND CYBER SECURITY

High Speed Clinical Grade Network

Wireless Services and Standards

Health Digital Identity Management

Security and Privacy Strategy

Government Data Centre Consolidation



ACCESS TO INFORMATION

ENHANCED PATIENT
AND PROVIDER ACCESS
TO DIGITAL HEALTH
INFORMATION

Seamless Information Flow Between Core Systems

Workforce Access to Applications Anywhere Anytime

Highly Mobile and Intuitive Solutions





eHealth NSW Strategic Priorities

Virtual Care and Telehealth

Integration and interoperability

Future proofing existing systems and architecture

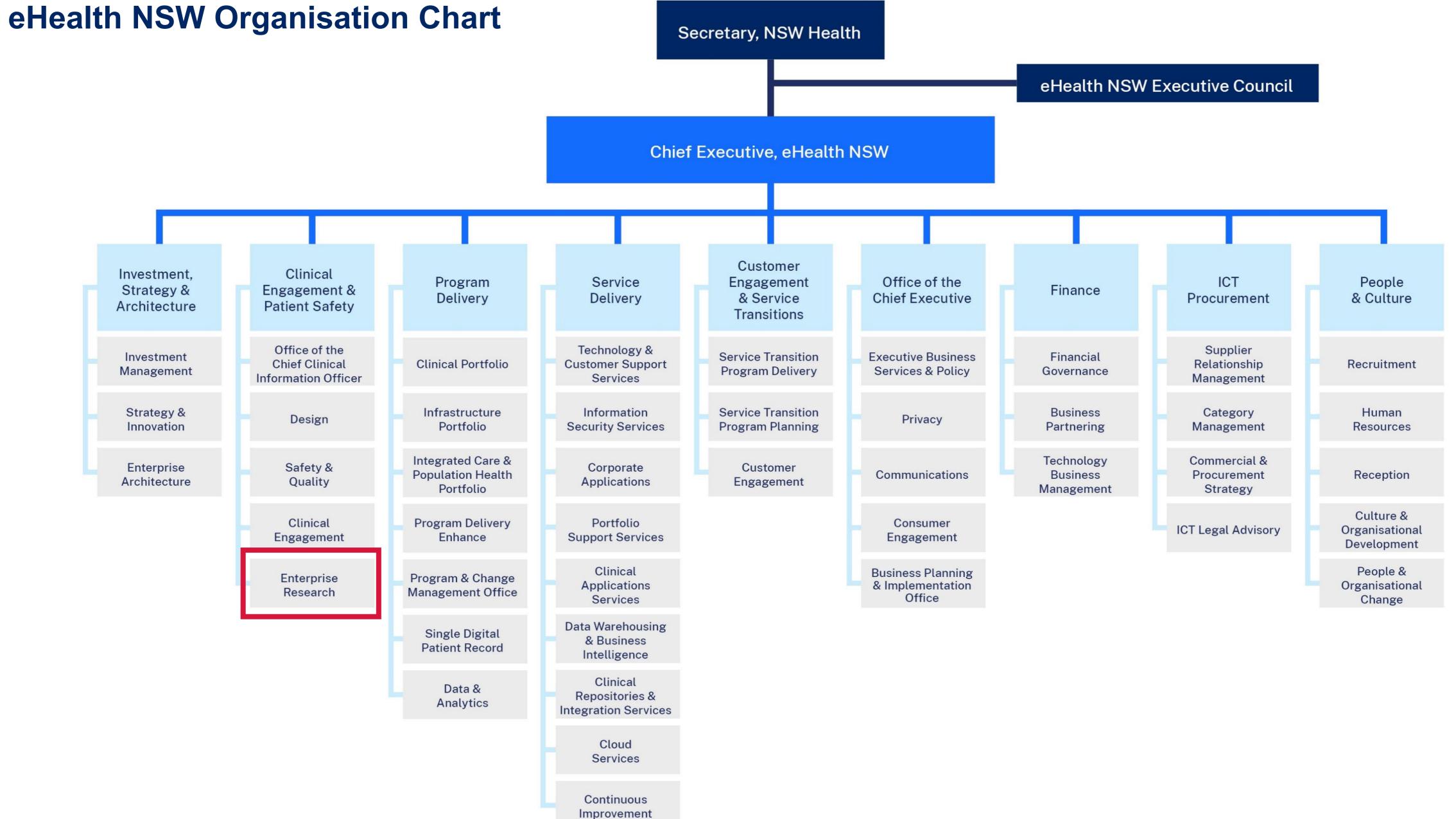
Resilience and Cybersecurity

Advancing real-time analytics

Supporting NSW
Health's strategic
initiatives including Value
Based Healthcare, and
empowering consumers,
patients and staff.

eHealth NSW eHealth NSW Organisation Chart







Benefits of coordinating with eHealth NSW

PSAF

Privacy and Security Assurance Framework – helps programs and projects to identify potential risks/new threat vectors and gives an opportunity for project owners to mitigate against those risks.

Expertise and Guidance

Expertise and guidance on state-wide projects, including feasibility, overlapping projects, value and benefit, and strategic alignment

Research and Implementation Partner

- Support, advice and/or partnering on grant applications
- Concierge to connect researchers with other potential partners across pillars and networks where possible

Enterprise Architecture review

 Provides technical merit to ensure that selected technology and software tools can be implemented and supported within the enterprise

Data*

- Data extraction through the Enterprise Data Lake
- Data integration feasibility

HDR Training, Internships, Research Education and Student Involvement

 The research function is responsible for driving initiatives that support the ongoing training and development of eHealth staff through research

^{*} eHealth is not responsible for the governance of data, and separate approvals must be obtained from Data Custodians prior to eHealth undertaking extraction. Requests are assessed against the Five Safes Framework.



Knowledge Domains Consulted to Support Decision Making:

- Program Delivery
- Service Delivery
- Innovation, Strategy, Architecture
- Security and Privacy
- Data Governance
- Patient Safety, Quality and Care
- Human Centred Design

Partnership Value Considerations

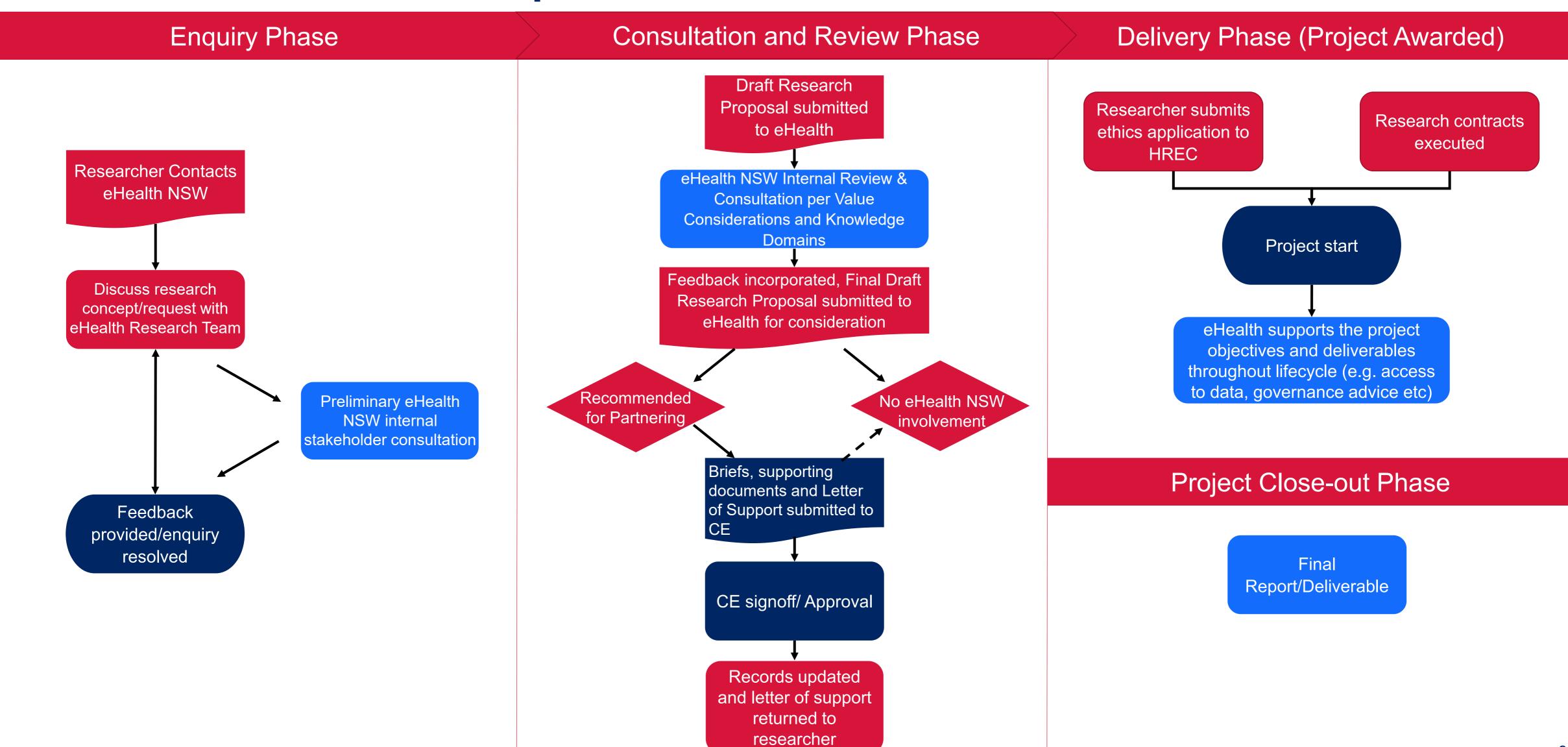


In assessing the value of a project or partnership, consideration is applied to the following and internal consultation is undertaken to ensure that the following objectives are met:

- Strategic alignment
- Financial Considerations including feasibility
- Technical Security Considerations including Privacy and Assessment Framework Assessment (PSAF)
- Technical feasibility considerations, including data accessibility/extract
- Privacy and Impact Assessment (PIA)
- Resourcing considerations and their availability for the project
- Future prospect considerations and the potential for future growth or funding opportunities
- The potential research impact of the project
- Clinical Safety and Quality
- Ethical considerations and the need for any site-specific approvals
- Intellectual Property (IP) and Commercialisation Considerations
- Usability and Accessibility of the potential tool or project outcome
- Existing or duplicate initiatives

NSW GOVERNMENT

Flowchart for Research Enquiries



Thank you

Questions and Comments?



