

Progressing WSLHD and Wentwest Data Sharing Project- Local data integration

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WSLHD

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Health
Western Sydney
Local Health District

Scope

- Creation of one single platform for primary and acute care data
- Implement a secure and efficient data sharing solution
- Share deidentified LHD data with WentWest
- Receive deidentified WentWest data
- Secondary analysis of the shared data create insights for GPs and clinicians



Vision : Integrated Health vision

Patients receive the right care in the right place at the right time.

- Data enabling a single system view to support resource allocation across clinicians, primary and secondary care
- Greater transparency on quality and quantity of care and reporting continuous improvement in service delivery
- Highly informed general practitioners and WSLHD clinicians able to continually monitor progress through timely access to data and insights.
- Predictive Algorithm for better Integrated and coordinated health care.
- Working with academic partners on the evaluation of the Integrated Health Strategy
- Generating monthly and annual reports for partnership priorities and associated initiatives and programs.



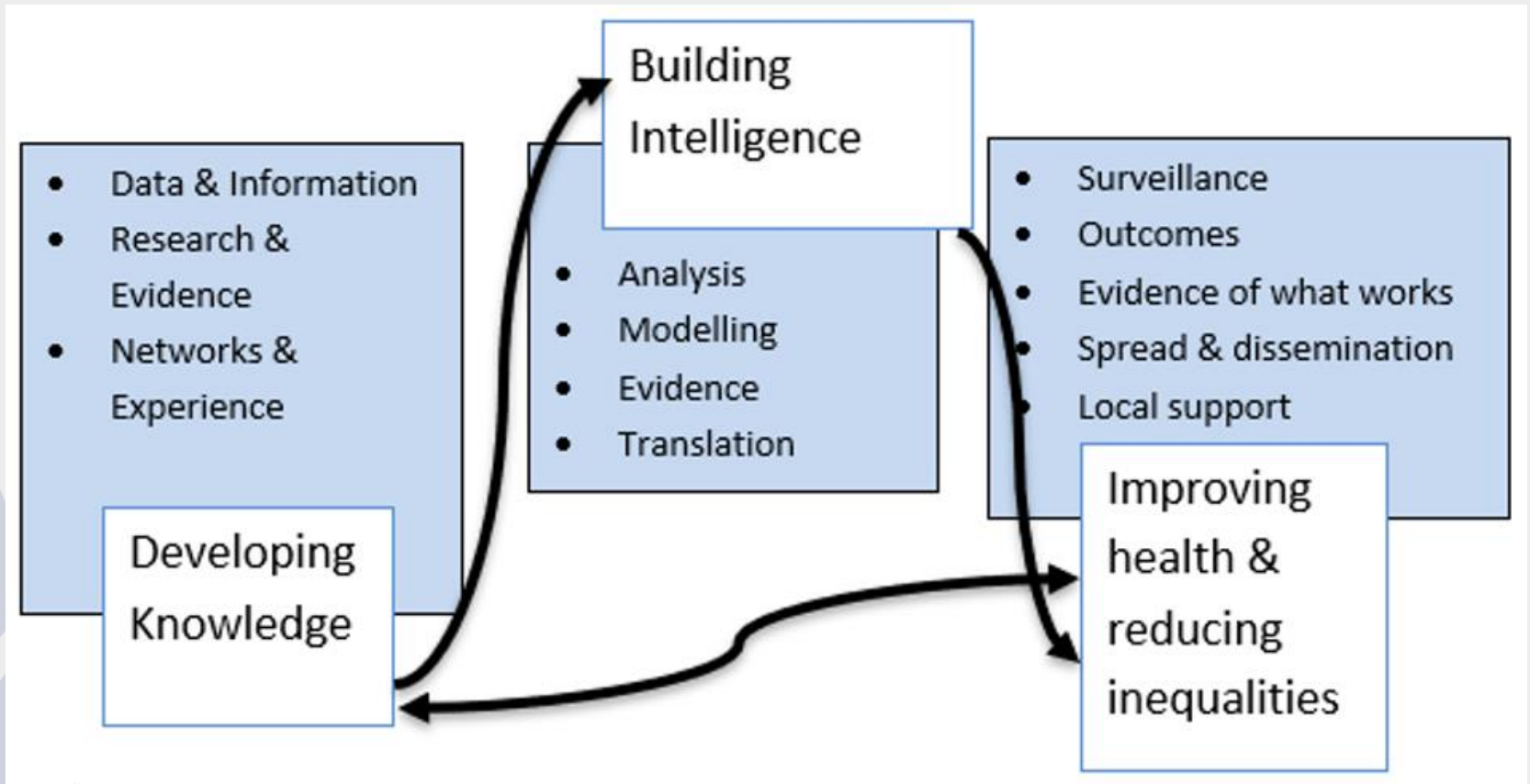
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Strategic intent: Transformed Health through data and insight

- Secondary data analysis of primary care and LHD data
- Partnership
- Evidence and knowledge translation
- Strengthening workforce capacity
- Efficiency
- Research
- Information advocacy



Purpose/Intended Use:



Available de-identified data

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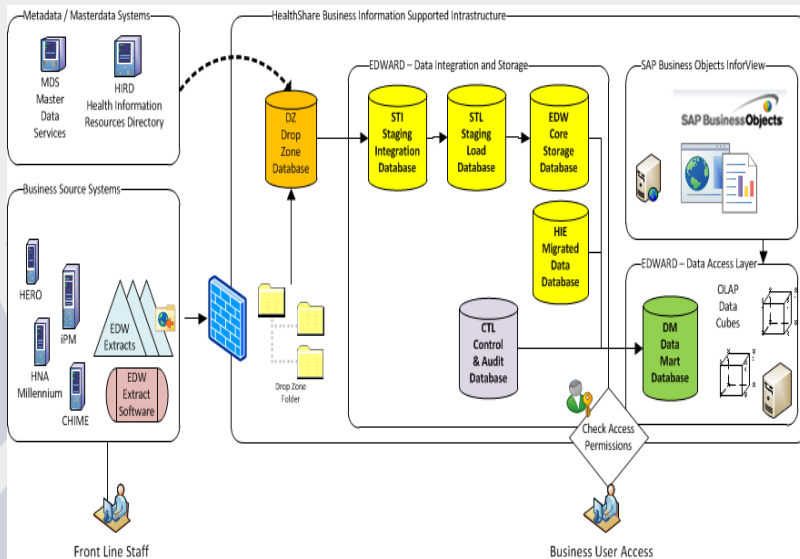
Available de-identified data:

WSLHD	Wentwest
Admitted patient Data	General Practice Data
Emergency Department data	Workforce Data
Non Admitted patient data	Mental Health Minimum Dataset
	Commissioning Data (in progress)

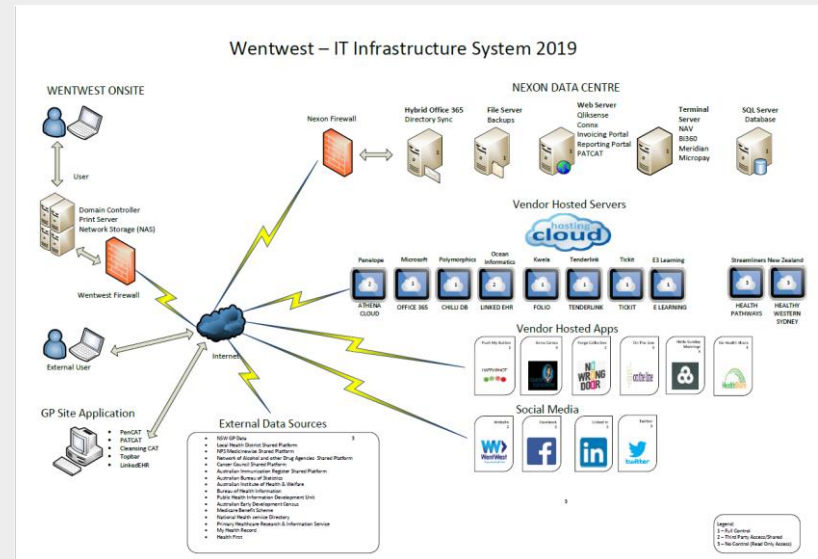


Technical Structure

WSLHD



PHN



Know the Project Team

Role	WSLHD	WentWest (PHN)
Executive Sponsor	Luke Elias	Ray Messom
Project Team	David Pryce & Pankaj Gaur	Shahana Ferdousi & Max
Other Team Support	ICH Data for Decision Making Taskforce (DDMT) Data Governance Advisory Committee (DGAC) Business Analytical Services Digital Health Solution	HIU IT Department WSPHN PENCs
Users	PHN Staff, WSLHD staff and Stakeholders	
Consultation	AIHW, NSW MoH, eHealth	



Current Status

- De-identified information from WentWest and WSLHD are available in one single platform since March 2020
- New Agreement signed to include Statistical linkage key in both datasets (August 2020)
- Next steps
 - Working on Statistical Linkage Key configuration and security
 - Testing the sensitivity and specificity for the SLK
 - Availability of the information via secured shared platform



Accessibility

- Internal: Following existing 'Data Request Process'
- External stakeholders: Submit request with protocol and statement of use for DGAC (for needs assessment, co-commissioning)
- Research and Publication will need ethics approval before requesting access to the information
- University: Needs WSLHD ethics approval along with University approval
- Data sits under the governance of Data Governance Advisory Council (DGAC)- joint custodianship of WentWest and WSPHN.
- Contact your local project person to understand the process to access the information



Questions



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