

Trusted Research Environments- Northern Ireland Perspective

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Summary Slide

- Secure Data Environments are highly secure spaces that promote the use of data for approved purposes. These environments provide safe conditions for data storage and access, combined with the provision of analytical tools, and services, to maximise the utility and value of data resources.
- Strategic investment in Secure Data Environments recognises their value as collaborative workspaces for health data scientists, enabling discoveries that can change how we develop and deliver improve people's lives.
- Northern Ireland HSC has, through its Digital and Data Strategies, invested in key architecture to address the challenges of digital transformation to improve health and care outcomes, from research and innovation through to direct care provisioning. Northern Ireland has a wealth of longitudinal primary and secondary care data, combined for health and social care, recognised as a core resource.
- A new digital health analytics platform (NIHAP) enables us to expand our warehousing, linkage and analytic capabilities increasing our service and support through Northern Ireland Trusted Research Environment (NITRE) and enabling the HSC to be ready for collaboration in data innovation.
- Linked priority programmes, such as a NI wide single electronic care record, (encompass), and single enterprise imaging solution and laboratory information systems (NIPIMS & NIPACs) implement foundational technologies to transform our digital capabilities and put data to use, safely, by those who can create benefit for our patients and publics.