

R&D Information Management

Developing capability in this area will help you better understand how to increase your research information's efficiency and effectiveness through R&D Information Management. Storing your research data centrally and linking it to other internal systems will help you generate valuable insights, make more informed decisions, and maximise resource utilisation. Having a solid Information Management System can also keep your data safe. Disconnected systems can make it difficult for you to get a clear picture of what is happening and may lead to missed opportunities in the future.

R&D information management is the aggregation, curation, and utilisation of information about research.¹

Different sectors will have different data and systems, so it's essential to do your due diligence and draw on in-market expertise and knowledge.

Key things to consider when choosing an information management system:

- How is my data collected and organised?
The research data should be collected and stored in a way that makes it easy to draw valuable insights. The tool you choose should support continuous automated capture of research output from multiple sources.
- Does it integrate with other systems?
The tool should integrate seamlessly with other internal systems you may have.
- Does the system protect the data privacy of users and the organisation?
The system should have robust and flexible privacy settings.

Key activities can include

- Centralised research output collection and curation to ensure people can access the data at the right time.
- You can report insight and trend tracking across research metrics and progress toward broader strategic goals.

Potential risks of not addressing information management issues include:

- Disconnected data sources with different identifiers may lead to complicated research management, slow decision-making or missed opportunities.
- When critical information is held by individuals and not stored centrally, essential information is lost when the individual leaves the organisation.
- Security breaches and data losses can lead to financial or other consequences.

Potential Capability Partners and Useful Resources










Below you'll find some potential capability development courses and providers plus some useful resources. If you know of suitable providers through your networks or have existing working relationships with providers

¹ According to [OCLC](#)









please feel free to recommend them as capability development partners and let us know [here](#) so that we can add them to this resource page to benefit others. We make every reasonable effort to keep this information current and accurate as a starting point for your capability development plan. However, it is provided for your convenience only and should be taken as neither an exhaustive list of providers, nor as an endorsement of those organisations represented.

You also have an opportunity to speak directly with a Callaghan Innovation Business Innovation Advisor, who can help put you on the capability development path that best suits you and your current R&D needs.

Capability Development

 www.openpolytechnic.ac.nz New Zealand Diploma in Records and Information Management (Level 6) Our qualifications are delivered on either a Trimesterised or Open basis. Enrolment dates Course costs can be found on all course pages. The fees may increase annually. Qualification cost - to give you an idea of how much a qualification may cost in tot...	  Knowledge Management (KM) Training Course Download Knowledge Management (KM) Training Course Outline. Today's culture thrives on knowledge. Possessing knowledge gives advantages in making the right decisions or strategies to implement. The Internet distributes knowledge at split-second rates whi...	  algim.org.nz ALGIM Inc - IM Training This introductory level course is designed for those who are new to information and records management, new to the specific requirements of information and records management in local authorities, or those who want to understand more about the 'why' of ...	 New Zealand's Innovation Agency  www.rd.callaghaninnovation.govt.nz Data DIY Want to develop your own in-house data analytics capabilities? Our Data Science team provides a Data DIY service to assist companies with developing their data analytic capabilities by implementing solutions for their data challenges.
 www.openpolytechnic.ac.nz Principles of Information Management Our qualifications are delivered on either a Trimesterised or Open basis. Enrolment dates Course costs can be found on all course pages. The fees may increase annually. Qualification cost - to give you an idea of how much a qualification may cost in tot...	 mits.edu MIT xPRO Technology and Innovation Acceleration Program This program is organized into the six pillars of technology management: Critical thinking; System thinking; Creating value through emerging technologies; Radical innovation; Organizational strategy; and Leadership. This program is ideal for individual...	 www.massey.ac.nz Organisational Knowledge Management An examination of the role of information systems in creating business value in a knowledge economy.	

Topic Resources

 New Zealand's Innovation Agency  www.rd.callaghaninnovation.govt.nz Data discovery Do you have a large amount of data but don't know how to utilise it? Are you new to data analytics? Our data science team offers the Data Discovery programme to help companies unleash the potential of their data.	  What is Information Management? The Complete Guide Information management is the process of managing information in a company or organisation. It is a complex process that requires not only information technology, but also organizational change and a culture of information sharing.	  Applying Knowledge Management Principles to R&D - Intuitix If you're conducting R&D, innovation or continuous improvement, learn how you can harness more value through applying knowledge management.	  Records and Information Management: Fundamentals of Professional Practice This best selling, comprehensive text is the 'go to' book for newly appointed records managers, as well as experienced records and information management (RIM) professionals who want a review of specific topics; supervisors who oversee RIM functions; de...
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