

## Project Management

**Developing capability in this area** will help you plan, prioritise and manage the tasks required to complete your project within the agreed deadlines and budgets. R&D project management is more complex due to the uncertainties associated with R&D projects which make it harder to plan budgets, resources and schedules.

Developing project management skills will help you understand the complexity, uncertainty and critical risks associated with your R&D project environment. Your project requirements, including resource requirements, capacity and budgets, may evolve as the project progresses, and your business must be agile and flexible to adapt to those changes.

### Key activities can include:

- Budget management to keep the project within budget
- Resource management to ensure that you allocate resources in a way that maximises their utilisation and minimises wastage.
- Communications management to identify your key stakeholders and keep them informed.
- Roadmaps to help you visualise the tasks you need to complete throughout the project life cycle.
- Periodic reviews to monitor the progress of your project periodically against customer input, available resources and schedules.
- Documentation of knowledge including project progress; budget, resource or schedule changes and why you made those changes, customer feedback and communication to key stakeholders.
- Risk management to identify risks and put a risk elimination or mitigation plan in place.

### Potential risks of not applying project management skills:

- Budget overruns or insufficient funds to deliver the entire project
- Resources are not utilised efficiently
- Miscommunication or information voids that could jeopardise the success of the project
- Late delivery, insufficient resources and other unforeseen consequences
- Lost knowledge due to poor documentation
- Lack of proper planning can lead to the failure of the project.

### 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 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.delytics.com](http://www.delytics.com) **Delytics**

### Training and Coaching

Our training division can help your team achieve greater commercial outcomes from R&D, commercialisation, service delivery and business intelligence projects through practical training courses and coaching. Our courses can be run in-house and customised...

It was an wonderful experience to get exposed to the world of DSM. The course guides you through the learning process of DSM and how you manage Process, Product and People in a project using DSM.


*Shuvra G. Paul Participant*

[www.executive.mit.edu](http://www.executive.mit.edu)

### Project Management Training | Managing Complex Projects | MIT

Tracks Technology and Operations Certificate Credits 2.0 EEs Topics - Digital Business & IT - Operations - Strategy & Innovation Course Highlights This course is delivered in our Live Online format which enables real-time interaction with faculty and g...

[tihtc.co.uk](http://tihtc.co.uk)



### R&D project management

The content and format of this workshop has been developed specifically for the R&D environment. The workshop will cover the key topics.



[imnz.co.nz](http://www.imnz.co.nz)

### Project Management Fundamentals

Project management fundamentals is a practical, hands-on course designed to demystify project management and build your confidence on the job across a project's life cycle.




[www.insead.edu](http://www.insead.edu)

### Strategic R&D Management Overview | INSEAD

Strategic R&D Management programme enables executives to deliver more and better product innovation to their organisations


[www.projectlan...](http://www.projectlan...)




### PRINCE2® 6th edition - Foundation

A 3 day Foundation PRINCE2 Training course based on the 6th edition of PRINCE2 which includes the Foundation exam. We place the emphasis on the practical use of PRINCE2 and encourage discussion on adapting PRINCE2 for your needs.

[www.exec.auckland...](http://www.exec.auckland...)



### Course outline | Executive Education

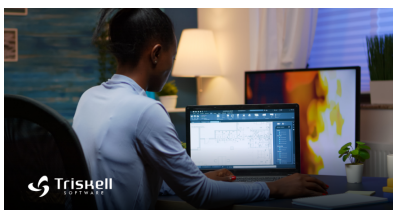
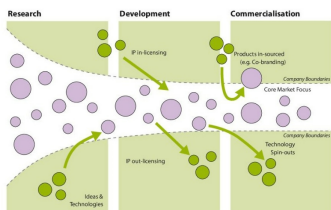


[www.aut.ac.nz](http://www.aut.ac.nz)

### Introduction to Project Management

Introduces the widely used critical path project management methodology. Participants examine the project management process including scoping and definition, planning and scheduling. The course examines the management of stakeholders, teams and teamwor...

## Topic Resources



[www.rndtoday.co.uk](http://www.rndtoday.co.uk)

### Are these the best tools for R&D Management? | R&D Today

There are many tools and techniques for R&D management. All too often people re-invent the wheel as knowledge of these gems is not shared. What do you think?

[www.triskellsoftware.com](http://www.triskellsoftware.com)

### R&D Project Management: key elements and best practices

New product development has a high degree of uncertainty. Discover the key aspects of R&D projects and how to manage them successfully.

[www.asbmb.org](http://www.asbmb.org)

### How to manage an R&D project

After a long career in biotech engineering, Blaise Arena shares advice on building a strong and successful team.

[www.rdworldonline.com](http://www.rdworldonline.com)



### Five simple ways to improve project management processes for your R&D team - Research & Development World

Improving the way in which you manage your R&D processes can keep quality and speed top of mind both internally for R&D teams and across the organization as a whole



[smallbusiness.chron.com](http://smallbusiness.chron.com)

### Essential Components in Managing an R&D Project

Essential Components in Managing an R&D Project. Projects typically have clearly defined goals, a transparent cost structure and a schedule with a planned completion date. These characteristics apply less to R&D projects, making their management more co...



[www.amazon.com](http://www.amazon.com)

### Project Management for Research and Development (Best Practices in Portfolio, Program, and Project Management)

Project Management for Research and Development (Best Practices in Portfolio, Program, and Project Management)

Callaghan Innovation does not accept responsibility for the quality, content, delivery, or outcomes of providers, and does not accept liability for any loss or damage which may directly or indirectly result from any advice, opinion, information, representation or omission, whether negligent or otherwise of the providers listed here.