

CONSTRUCTION STARTS ON THE NATIONAL LIBRARY

The National Library of New Zealand was formed in 1965, when the Alexander Turnbull Library, the General Assembly Library and the National Library Service were brought together. The precious collections include rare books, maps, manuscripts, drawings, paintings, ephemera (postcards, tickets and memorabilia), photographs, oral histories and numerous other collections.

To ensure the long-term safety and preservation of these collections and create storage space to last until 2030, the National Library, along with Impact, began a redevelopment of the Wellington building in 2009.

Construction commenced in November 2010 following a hectic year of planning, design and hard work by Impact and the National Library Project Team on the \$50 million project.

The scope of the project is to address deferred maintenance of the building's fabric and systems, rationalise and intensify collection storage, and reconfigure internal spaces to provide greater public access to the National Library and Alexander Turnbull Library collections. The project will ensure that New Zealand's documentary cultural heritage will remain in a secure, safe and stable environment for future generations to access and enjoy.

To date, the project has achieved numerous successes.

These include: increased Alexander Turnbull Library storage space in controlled environments from 70% to 100% (ranging from -29 degrees to 18 degrees Celsius); a fully refurbished world-class research centre; and refurbishment of the staff, public gallery and exhibition floors.

The Library's collections are valued at around \$1 billion, during the refurbishment 20% of those most frequently accessed have been relocated to other sites. The remainder are safely packed and stored in the building.

The National Library has selected highly skilled consultants, contractors and subcontractors who are supported by our experienced team. The team has embraced the need of keeping the collections safe and secure. The collections are a critical part of New Zealand's cultural heritage, and through working with the curators and conservators you see the passion and dedication they have for their jobs and for the collections. It's early days on site and the task is enormous.

Impact is extremely proud to partner with the National Library on this significant project. We are leading the Project Team on a journey that has delivered project outcomes that have well exceeded original expectations, through management of value and risk while delivering the key project parameters of cost, programme and quality.

Stay tuned to The Big Picture as we follow the project through the construction phase with regular reports and articles focusing on the challenges presented and outcomes achieved.

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1. National Library Building signage on Molesworth Street.
2. St. John on Patmos, page from one of the oldest books in the world, the Book of Hours (ca 1460) Ref: MSR-02-f001r.
3. View of the excavation on the corner of Molesworth and Aitken Streets for the National Library Building, January – April 1975. From the Paul Lyon Collection, Alexander Turnbull Library. Ref: F-52410-1/2.



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IMPACT'S PERSPECTIVE



**GARTH PALMER
& DAVID WEIR**
DIRECTORS

We head into 2011 with some 'uncertainty' about our economy in New Zealand. Our cousins across the ditch are reeling from the floods and cyclones (and New Zealand needs Australia to be successful!) and the large Western economies are still teetering on the edge. It is easy to get downbeat about prospects and opportunities for this year.

However, if we consider some of the major organisations with which we partner, it's a different story and a good place to look for inspiration. Wellington International Airport recorded its highest number of international travellers – ever in the month of January 2011 ('The Rock' has been delivered at the right time for the sceptics out there) and it will soon benefit from the recently announced Air New Zealand/Virgin

Alliance regarding flights across the Tasman.

At Scots College, Wellington's only independent boys' school, the roll for 2011 is the largest it has ever been in its near-100-year history, and this year its two biggest building projects will be delivered (the Creative and Performing Arts Centre and Covered Sports Centre) to provide for more growth and better facilities.

An economic impact study by consulting group BERL shows CentrePort's port and transport activity generates around \$1 billion of GDP in the lower North Island, and there are some exciting plans to expand its operations further. KiwiRail is well advanced in its \$550 million Wellington Area Rail Project and the future growth of the business is well underway to utilise the new assets. These are just some of the key organisations within the New Zealand economy that are defying the trends, and it is a privilege to partner with them. There is no room for complacency, and as our working environment gets faster and more competitive, if you stand still, you will end up going backwards.

From an Impact point of view, after our best year ever in 2010 we could have sat back and tried the same again for 2011. But it's not in our nature to stand still. Hence our first South Island office based in Christchurch and headed up by Nick Regos. Fortune follows the brave!

ACHIEVEMENT OF THE QUARTER

In July 2011 Scots College will deliver a brand-new, \$3.5 million, world-class Covered Sports Centre (CSC). Construction has now started with excavation and site set-up is underway.

Designed by Athfield Architects, the structure consists of a translucent polycarbonate sheet cladding, enveloping the timber Glu-Lam frames. This construction is at the forefront of building technology, providing natural light as well as insulation for the facility. This building will offer a stylised indoor sports centre, primarily designed for a range of sports but also for cricket practice. The cricket nets that divide the centre into four bowling/batting lanes will be retractable and the facility can then be adapted to whatever indoor sports activity is required.

Barry Conroy, Impact project manager, states, "The design is very exciting, and with that came challenges in design that the team had to resolve. For example, with the structure being translucent, it could effectively act as a greenhouse, being too hot in summer and too cold in winter."

The choice of polycarbonate cladding allowed for adequate insulation and an acceptable temperature for the anticipated CSC activities. Another key area the team investigated was the use of the CSC for private use outside the College's curriculum. Cricket Wellington CEO Gavin Larsen, who provided expertise during design, says, "Cricket Wellington believes this is one of New Zealand's greatest indoor cricket projects. Undoubtedly in my mind the development of cricket is absolutely foremost here, and sportsmen generally are going to receive great benefits out of this project."

Completion is due in July 2011. Scots College has always aimed to provide the best for its students and these facilities will certainly deliver that. We look forward to donning our pads and getting out there to give our best impression of a Flemming or even a Hadlee.



Impact is also Project Manager for the College's Creative and Performing Arts Centre, which is well underway and due to be completed by November 2011.

- 1. A perspective of the Covered Sports Centre.**
- 2. View of temporary road overlooking the eastern boundary of site works.**

OUT & ABOUT WITH IMPACT PROJECTS

It's been a busy quarter for Impact, with a number of projects reaching key milestones.

Waterloo Quay Greening of the Quays – CentrePort

This Wellington City Council project, due to be completed at the end of May 2011, aims to provide a great first impression for visitors to Wellington city (including visiting cruise ship passengers on the port side). The project will deliver new footpaths, pedestrian canopies and planting of trees to improve significantly tourists' experience of Wellington city. The project has significant interfacing issues with CentrePort's business and property interests with major changes to road and rail network alignments. Impact Project Management has been engaged by CentrePort in the management of these key interface issues.

Midland Park – Wellington City Council

A major refresh of popular Midland Park in Lambton Quay was completed on time in late November 2010. Amongst the improvements were new paths, drainage and lawns. Seating was refurbished and new lighting installed. Impact's role in this project was Engineer to the Contract.

Wakefield Park – Wellington City Council

Following the particularly wet winter of 2010, there was increased public pressure to increase the number of all-weather sports fields. Wellington City Council answered this concern by fast-tracking the construction of a further two artificial sports fields at Wakefield Park in Island Bay. Impact is Engineer to the Contract and a design-build contract was awarded to Sports Technology International in late December 2010 to construct two full-sized artificial fields. The fields' design and construction are extremely complex as they must meet both FIFA and IRB standards.

Scots College Building Development

Work continues to move along swiftly on the Creative and Performing Arts Centre and the contractor is well on programme to complete work by November 2011. This will allow Scots College to commence teaching in the new building ready for term one of 2012. The structural steel is currently being installed and the concrete walls are being built in-situ. The structural upgrade to meet 100% of the seismic code to the Chapel Hall is complete.

PSIS

PSIS and Impact have a long partnership that started in 2003, and we are pleased to have been asked to continue with its roll-out programme, relocating and upgrading branches around New Zealand. Design is well underway with tenders due to commence within the next month.

Gisborne Courts – Ministry of Justice

During January a major milestone was achieved with the completion of the temporary public entrance, allowing demolition of the existing entrance to make way for the new extension. This phase of the works involved construction work within the existing court building, including the installation of a new concrete stair. It was achieved with minimal disruption to court proceedings, which will continue with a full schedule throughout the construction works.

1. Cruise ship passengers coming into Wellington will benefit from the Quay improvements.
2. Improvements to Midland Park on Lambton Quay, Wellington.
3. Groundworks have commenced at Wakefield Park.
4. The structure of The Creative and Performing Arts Centre at Scots College.



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Since 1999 Impact Project Management has been providing expert independent project management services to corporate and government clients - specialising in planning and managing building and infrastructure developments.

Our specialist services include:

- Business solutions
- Project strategy
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IMPACT EXPANDS

New South Island Office...

The establishment of a fixed presence in the South Island has further defined our commitment to support our clients, through every step of the process, in the realisation of their visions and the strategic delivery of their projects.

Whilst signifying a milestone achievement for Impact, this is a natural progression considering our current client base, previous projects delivered throughout the South Island in the past decade and our commitment to being the best at what we do.

To support the growth of Impact, Nick Regos will lead continued expansion into the South Island and provide added expertise at the executive level of the company. Nick brings more than 20 years of project management proficiency to Impact on both the strategic and delivery side of the equation, coupled with strong training, relationship development and leadership skills.

As businesses continue to grow, focus on their specialist areas of core expertise and demand increased value from outsourced skills, the benefits of a truly independent project manager who



Meet Nick Regos – heading up Impact’s new office in the South Island.

can think strategically and deliver will become increasingly advantageous and define the growth model for Impact.

Impact is now positioned to provide solutions to and leadership of projects on a national and international level, ranging from the planning and delivery of new cities to tailored solutions for individual clients.

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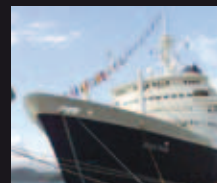
National Library

Impact’s perspective



Biggest achievement of the quarter

Out & about with Impact projects



Impact expands



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