



LIGHTNING LAB
GovTech

PROGRAMME REPORT 2018

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36 LIGHTNING LAB GOVTECH 2019 PROGRAMME

A man with glasses and a goatee, wearing a red and white striped shirt, is smiling and looking down at a glass of red wine he is holding. He is at a social gathering with other people in the background. A large orange banner with the text 'LIGHTNING LAB GovTech' is visible behind him.

LIGHTNING LAB
GovTech

To challenge how our public sector serves its citizens and push beyond incremental improvements to create **breakthrough innovation**. Innovation that is, inclusive and citizen-focused –

“It’s about more than service design, it’s about completely redesigning how government serves.”

THE VISION OF
LIGHTNING LAB
GOVTECH

WHAT IS LIGHTNING LAB?

RUNNING SINCE 2013, CREATIVE HQ'S LIGHTNING LAB IS NEW ZEALAND'S PREMIER ACCELERATION PROGRAMME PROVIDING ACCESS TO SOME OF THE WORLD'S TOP COACHES, MENTORS AND BUSINESS MINDS.

ORIGINALLY BASED ON THE TECHSTARS ACCELERATION MODEL, LIGHTNING LAB PROVIDES THE EXPERIENCE, NETWORK AND SUPPORT THAT ENTREPRENEURS AND INNOVATORS NEED TO DEVELOP AND VALIDATE IDEAS INTO SUSTAINABLE BREAKTHROUGH INNOVATION.

WHY GOVTECH?

LIGHTNING LAB GOVTECH BRINGS TOGETHER THE PUBLIC AND PRIVATE SECTOR TO SOLVE COMPLEX PROBLEMS IN NEW WAYS.

It is specifically designed to create breakthrough innovation which is distinctly different from incremental improvement. Now more than ever, the government needs to harness the power of innovation and technology. Local and central governments around the world are being held to higher account by their stakeholders, who are more engaged and connected to the world around them.

Lightning Lab GovTech provides an opportunity for local and central government agencies from NZ and abroad to tackle problems using proven innovation frameworks, methodologies and support. They not only work on co-creating breakthrough innovation, they learn new ways of tackling problems, which is needed to drive a culture change across the public sector.



**ABOUT
LIGHTNING LAB**

ENABLE CENTRAL AND LOCAL
GOVERNMENTS TO UNDERSTAND
AND MAKE USE OF INCLUSIVE
BREAKTHROUGH INNOVATION TO
SOLVE PROBLEMS.

CO-DESIGN AND COLLABORATE WITH
CITIZENS AND THE PRIVATE & PUBLIC
SECTOR.

UPSKILL PUBLIC SECTOR STAFF IN
NEW WAYS OF WORKING THROUGH
IMMERSIVE LEARNING BY DOING.

CONTRIBUTE TO A CULTURE CHANGE
ACROSS THE PUBLIC SECTOR TO
ONE WHERE EXPERIMENTATION IS
POSSIBLE AND RECOMMENDED.

STRATEGIC OBJECTIVES

| | |
|-----------------------|---|
| 09 JAN 2018 | Lightning Lab GovTech announced |
| 12 APR 2018 | Lightning Lab GovTech Meetup info night |
| 13 APR 2018 | Project applications open |
| 24 MAY 2018 | Tech Week Event: GovTech – What’s now, what’s next? |
| 01 JUN 2018 | Project applications close |
| 06 JUN 2018 | Project selection |
| 03 JUL 2018 | Lightning Lab GovTech launch event at Spark |
| 02–03 AUG 2018 | Team Workshops with Randstad |
| 13 AUG 2018 | Lightning Lab GovTech Bootcamp |
| 20 AUG 2018 | Lightning Lab GovTech programme start |
| 13 SEP 2018 | Stakeholder Meet & Greet event |
| 19 SEP 2018 | Public Meet & Greet event |
| 03 OCT 2018 | Meet & Greet event |
| 17 OCT 2018 | Spark Showcase event |
| 13 NOV 2018 | Lightning Lab GovTech Demo Day |

KEY MILESTONES FOR 2018



To step outside of your comfort zone, outside of your usual silo of work doing something from start to finish is a real eye opener.

The most valuable part of the programme was getting to learn new ways of problem solving and working with others, expanding my skill set and challenging myself to adapt and learn at speed.

NET PROMOTER SCORES¹ (NPS)

Overall, how likely would you be to recommend the programme?

67

¹ **NPS Key** NPS above 0 is considered "good", +50 is "Excellent" and above 70 is considered "world class"

My favourite part about the programme was being around so many incredible like-minded people with a vision and direction.



PARTICIPANTS TALK ABOUT THE PROGRAMME

PARTICIPANTS TALK ABOUT THE PROGRAMME



I would describe Lightning Lab GovTech as an innovative and visionary space in which Government and Innovation can creatively collide, to disrupt the status quo.

MELANIE ANDREWS
Joint Venture



Lightning Lab GovTech truly helped us to progress our project at a rate that could not have been achieved in our normal working environment.

MICHELLE MCCARTHY
WREDA

The initiative we came up with wouldn't have occurred without going through the programme.



NET PROMOTER SCORES¹ (NPS)

Overall, how would you rate the Lightning Lab process?

57

¹ **NPS Key** NPS above 0 is considered "good", +50 is "Excellent" and above 70 is considered "world class"



Pushed, developed and empowered the project teams to work in a complete different way while challenging the timid and slow culture of Government.



Coaches were great, at stretching us and keeping us on task.



One of the best parts of the programme in my opinion.

NET PROMOTER SCORES¹ (NPS)

Overall, how would you rate the Lightning Lab coaches?

25

¹ **NPS Key** NPS above 0 is considered "good", +50 is "Excellent" and above 70 is considered "world class"



Our leadership coach really helped all of our team members to come out of their shells, to be comfortable with their strengths and weaknesses, and to better appreciate each individual's contribution to the team.

Helped us work together effectively and kept us focused on delivering value for our sponsor.

NET PROMOTER SCORES¹ (NPS)

Overall, how would you rate the Leadership Coaches?

67

¹ **NPS Key** NPS above 0 is considered "good", +50 is "Excellent" and above 70 is considered "world class"





Really helps break you away from your previous work and into the right headspace for the programme.

A really good way to lead in to the start of the programme. Heaps of interesting topics and notes.



PARTICIPANTS TALK ABOUT LAB TECHS

LAB TECHS PLAY AN INTEGRAL ROLE IN THE SUCCESS OF EVERY LIGHTNING LAB PROGRAMME.

Lightning Lab GovTech brought in five lab techs with a widespread set of skills, from business development to design, user experience to law.

Such awesome team members, each one with different skill sets and always ready to help.

The lab techs were fantastic – they were well humoured, warm and helpful.

PARTICIPANTS TALK ABOUT THE SPONSORS

We found Spark, Revera and Accenture to be very helpful as a team and we reached out on a number of occasions to make connections.

MELANIE ANDREWS
Joint Venture



SPONSORS TALK ABOUT THE PROGRAMME



New Zealand has the chance to grow GovTech internationally, we've got innovative thinking, we're a trusted brand and we are small enough to get people together to really make a difference. Being a sponsor of this programme means you can actually make a difference, this is where it's all happening, we are very excited to be involved.

JEN RUTHERFORD

Customer Unit Lead
Spark



We were thrilled to be part of LLGovTech and were impressed both with the variety of challenges that were brought forward by the teams, but also the passion and professionalism of the Creative HQ team delivering the program. As a sponsor, we particularly enjoyed being able to actively engage with the teams to offer our expertise. With the expected growth of GovTech, we think programs such as this are not only incredibly valuable, but essential.

JUSTIN GRAY

Country Managing Director
Accenture New Zealand

PROJECT SPONSORS TALK ABOUT THE PROGRAMME

THE INAUGURAL LIGHTNING LAB GOVTECH
ACCELERATOR'S COHORT FEATURED 12
PROJECTS. THE PROJECTS CAME FROM CENTRAL,
LOCAL AND INTERNATIONAL GOVERNMENTS.

NET PROMOTER SCORES¹ (NPS)

Overall, how likely would you be to
recommend the Lightning Lab GovTech
programme?

75

¹ **NPS Key** NPS above 0 is considered "good", +50 is
"Excellent" and above 70 is considered "world class"

Absolutely Positively Wellington City Council

Me Heke Ki Pōneke

*I would put another team in there
tomorrow.*

GEOFF LAWSON

Wellington City Council



MINISTRY OF SOCIAL DEVELOPMENT

TE MANATŪ WHAKAHIATO ORA

*This is a once-in-a-career chance to
truly make a difference.*

MARK GORDON

Ministry of Social Development

Absolutely Positively Wellington City Council

Me Heke Ki Pōneke

*They are now at a level they would
not have been able to reach without
[the accelerator].*

JOHN MCDONALD

Wellington City Council



TAIWAN WATER CORPORATION

*The programme is very valuable and
we would not have achieved our
goals without this.*

JAMIN MING WU

Taiwan Water Corporation

LEADERSHIP COACHES TALK ABOUT TEAMS AND THE PROGRAMME

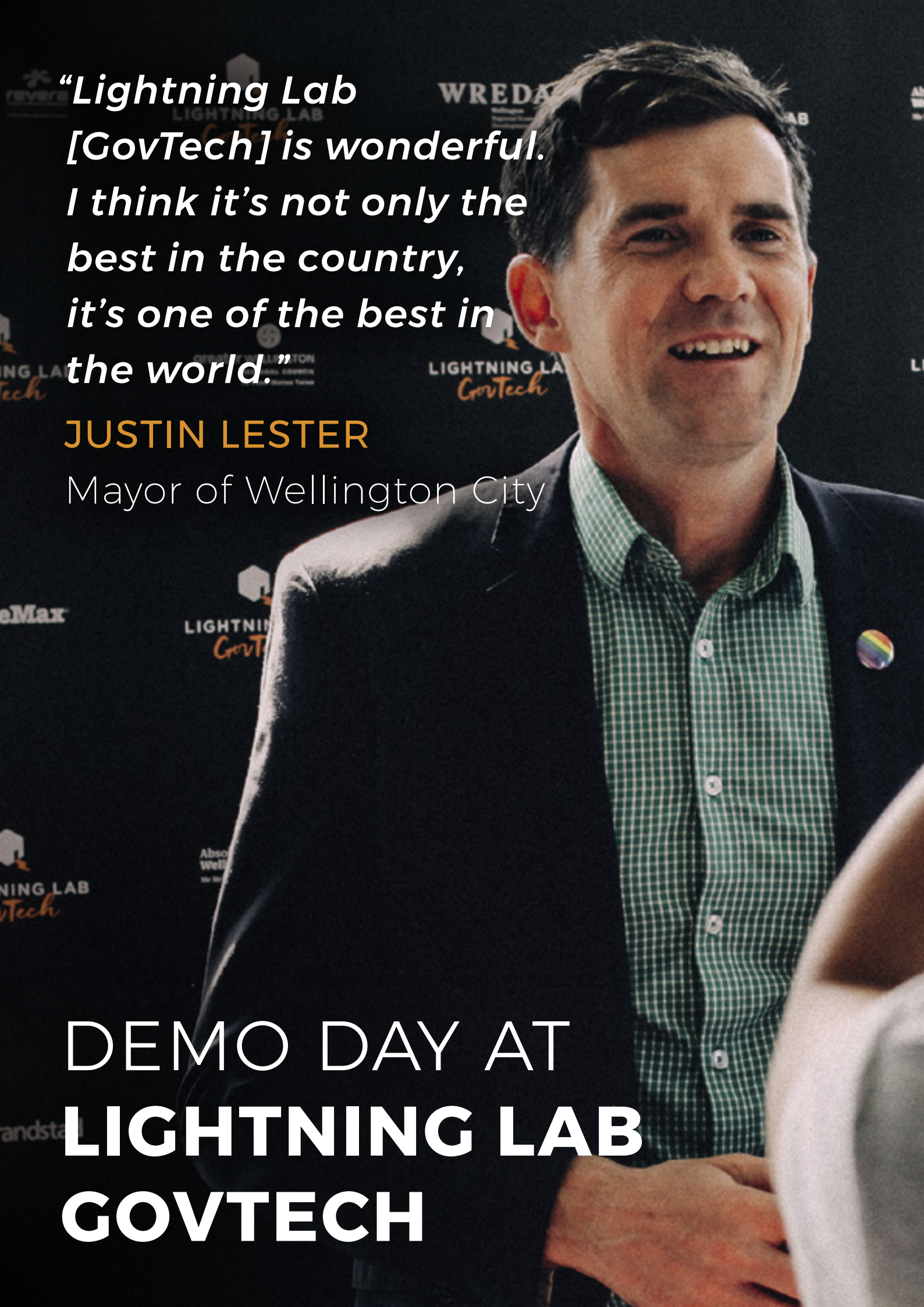
LIGHTNING LAB GOVTECH ENGAGED PROFESSIONAL LEADERSHIP COACHES TO ASSIST THE PARTICIPANTS WITH THEIR PERSONAL AND LEADERSHIP DEVELOPMENT DURING THE PROGRAMME.

Our leadership coaches feedback to the programme was positive:

A great opportunity to contribute to advancing a worthy government initiative through supporting a team of innovative thinkers.

Contributing to GovTech as a coach is one of the most rewarding experiences – you get to learn as much as the teams do. Watching them on Demo Day is a proud moment to see how far they've come and the difference they are making to New Zealand public services.



A man with dark hair, wearing a dark blazer over a green and white checkered shirt, is smiling. He has a small rainbow flag pin on his lapel. The background is dark with repeating logos for 'LIGHTNING LAB GovTech' and 'WREDA'.

***"Lightning Lab
[GovTech] is wonderful.
I think it's not only the
best in the country,
it's one of the best in
the world."***

JUSTIN LESTER

Mayor of Wellington City

DEMO DAY AT
LIGHTNING LAB
GOVTECH

DEMO DAY RETROSPECTIVE

**THE INAUGURAL LIGHTNING LAB GOVTECH
ACCELERATOR'S DEMO DAY TOOK PLACE
NOVEMBER 13, 2018, 3-8 PM.**

The afternoon was an opportunity to showcase our 12 accelerator teams and what they had been developing over the previous three months.

The event connected stakeholders, sponsors, investors, government officials and MP's, and the local community with the teams, all expressing an interest in the future of GovTech and some parties interested in the potential investment opportunities from taking the projects to the next stage of production.

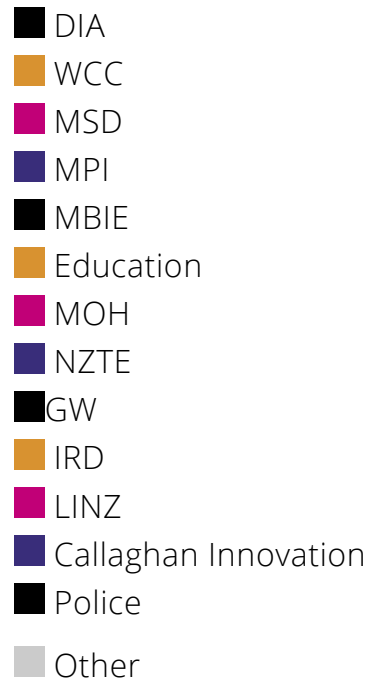
385 ATTENDEES*

*From 654 RSVPs

23 GOVT AGENCIES AND COUNCILS REPRESENTED

Attending organisations
represented in chart:

(Anti-clockwise from top)



DEMO DAY RETROSPECTIVE

SPEAKERS

JUSTIN LESTER

Mayor of Wellington

JENNIFER RUTHERFORD

Spark

HON DAVID PARKER

Attorney General, Minister of Economic Development, Environment and Trade and Export Growth



**MINISTRY OF SOCIAL
DEVELOPMENT**
TE MANATŪ WHAKAHIATO ORA

It's been a great return on investment for MSD. We've gotten the nugget of something that can be amazing

GORDON MCKENZIE

Ministry of Social Development

**CISCO PEOPLE'S CHOICE AWARD
WINNER**

EARS
**SAFER SEAS FOR
ALBATROSS**

**Department of Conservation
Ministry for Primary Industries
Southern Seabirds Solutions Trust**

\$4000 to support and grow the project.

Travel and Accommodation to the Cisco Innovation Centre in Sydney



| | | |
|--------------------|--------------------------------------|--|
| 13 AUG 2018 | Lean Methodology | Nick Churchouse |
| 14 AUG 2018 | youX Activation Session | Sarb Johal |
| 15 AUG 2018 | Tight Teams Workshop | Sarb Johal |
| 16 AUG 2018 | Negotiation and Influencing Workshop | Stuart van Rij |
| 20 AUG 2018 | Problem Discovery Fast Start | Brett Holland, Brett Calton, Jonnie Haddon |
| 21 AUG 2018 | Negotiation Pro Workshop #2 | Stuart van Rij |
| 21 AUG 2018 | Design Thinking | Michael Dutton |
| 23 AUG 2018 | Contracting 101 | James Fuller |
| 27 AUG 2018 | Agile in an Enterprise | Mark Redgrave |
| 28 AUG 2018 | Elevator Pitching 101 | Jonnie Haddon |
| 05 SEP 2018 | Entrepreneurial Flow | Julie Treanor |
| 06 SEP 2018 | Spark Tech Session | Keith Archibald, Daniel Fairbairn |
| 07 SEP 2018 | Sign Language 101 | Tania Ali |
| 12 SEP 2018 | Leadership Cage Drop-in Session | Julie Treanor |
| 19 SEP 2018 | Centrality – Decentralised Solutions | Andy Higgs |
| 20 SEP 2018 | Global Accelerator Network Call | Nick Nasky, Lizzie Crough |
| 27 SEP 2018 | GovTech International View | Dustin Haisler |
| 28 SEP 2018 | Halfway Hackathon | End Game, Fjord, Accenture, Revera |

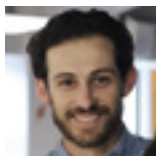
AUG-SEP

PRESENTERS

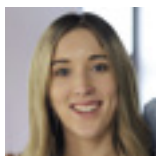
& WORKSHOPS

| | | |
|--------------------|---|--|
| 02 OCT 2018 | Accelerator Success Stories | Dave Moskovitz |
| 04 OCT 2018 | Social Enterprise | Clementine Baker, Laura Ansell |
| 10 OCT 2018 | Advisor sessions – Branding | Kelcey Braine |
| 12 OCT 2018 | Law and Data in a Connected World | Andrew Dentice, Edwin Lim |
| 12 OCT 2018 | Cyber Security | Andrew Dentice, Edwin Lim |
| 15 OCT 2018 | Demo Day Pitching 101 | Laura Reitel |
| 16 OCT 2018 | Smart Cities and Smart Mobility | Boyd Cohen |
| 25 OCT 2018 | Investment Case | Brett Holland, Jonnie Haddon |
| 30 OCT 2018 | Dragons Den #1 | Dave Moskovitz, Nick Gerritsen, Steve Meller |
| 31 OCT 2018 | Digital Government Innovation Fund Discussion | Elena Higgison |
| 01 NOV 2018 | Negotiation – Office Hours | Stuart van Rij |
| 01 NOV 2018 | Dragons Den #2 | Bron Thomson, Stuart van Rij, Andrew Hoppin |
| 02 NOV 2018 | Future Project Support | Dan Pitcher |
| 05 NOV 2018 | Pitch Reviews | Laura Reitel, Brett Holland, Jonnie Haddon |
| 06 NOV 2018 | Dragons Den #3 | Graeme Osborne, Tui Te Hau, Brett Holland |

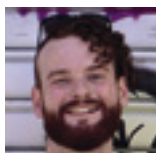
OCT–NOV PRESENTERS & WORKSHOPS



JONNIE HADDON
Programme Director



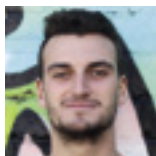
STEPH BENSEMAN
Programme Manager



ANGUS JAMIESON
Business Development Lab Tech



ALINA MANKO
Business Development Lab Tech



REUBEN LUXTON
Marketing Lab Tech



JOSHUA SANORIA
Design Lab Tech



FORREST WILSON-JENNINGS
UX & Dev Lab Tech

THE TEAM BEHIND THE SCENES

SPARK

Jen Rutherford
Erin Fea
Elisabeth McCardle
Greg Brown
Mark Gordon
Tony Volpicelli

REVERA

Erin Hughes
Dan Fairbairn
Keith Archibald

ACCENTURE

Justin Gray
Nicole Howarth
Ben Morgan
Matthew Buckland

END GAME

Andrew Butel
Andrew Cox
Simon Duffield
Helen Simonsen
Ross Leitch
Francine Jones

OFFICE MAX

Richard Meares
Troy Mihaere
Miriam Newman

RANDSTAD

Brooke Nelson
Ian Scott
Wayne Sullivan

VUW

Stephen Cummings
Ruth Fischer-Smith
Ben Walker

OTHERS

Sharp
Lenovo
Andy Higgs
Peter Fletcher-Dobson
Andrew Dentice
Edwin Lim
Jasmine Pai
Sumitra Manga
Graeme Osborne

Clementine Baker
Joni Arait
Nick Ruane
Laura Ansell
Lizzie Crough
Steve Meller
Nick Gerritsen
Bron Thomson
Tui Tehau

Amanda Holt
Laurence Millar
Andrew Hoppin
Ruth Harley
Marshall
Nehal Davison
Vicki Evans
Dustin Haisler
Dave Moskovitz

David Udy
Madeleine Taylor
Jiah Kwon
Andrew Davey
Alyson Garrido
Katie French
David Dam

AGENCIES

Janice Molloy
Peter Hardstaff
Bronwyn Marshall
Hannah Cranston
Gordon McKenzie
Tony Eyles

Chris Law
Leigh Couper
Linn Araboglos
Ann Bentley
Lance Walker
Moana Mackey

Dorien Vermaas
Baz Kaufman
Geoff Lawson
James Roberts
Brad Monaghan
Stuart Wakefield

Alan Bell
David Downes
Lucy Matheson
Luke Troy
John McDonald

SPECIAL THANKS TO

FOUNDATION PARTNERS



PROGRAMME PARTNERS



PROGRAMME SUPPORTERS



LIGHTNING LAB GOVTECH IS A PROGRAMME OF



PARTNERS & SPONSORS

UNLOCKED

WELLINGTON CITY COUNCIL – HOUSING

Wellington's population is growing, and the housing demand with it, however, the amount of land left to develop is limited. That land exists in small pockets across the city, some of it in the backyards of existing properties.

Unlocked can help make homes happen in Wellington, and beyond, by demonstrating the possible, demystifying the process and connecting the right people. Unlocked educates landowners of the development potential of their land under current planning settings and brings together a range of information into one simple tool.

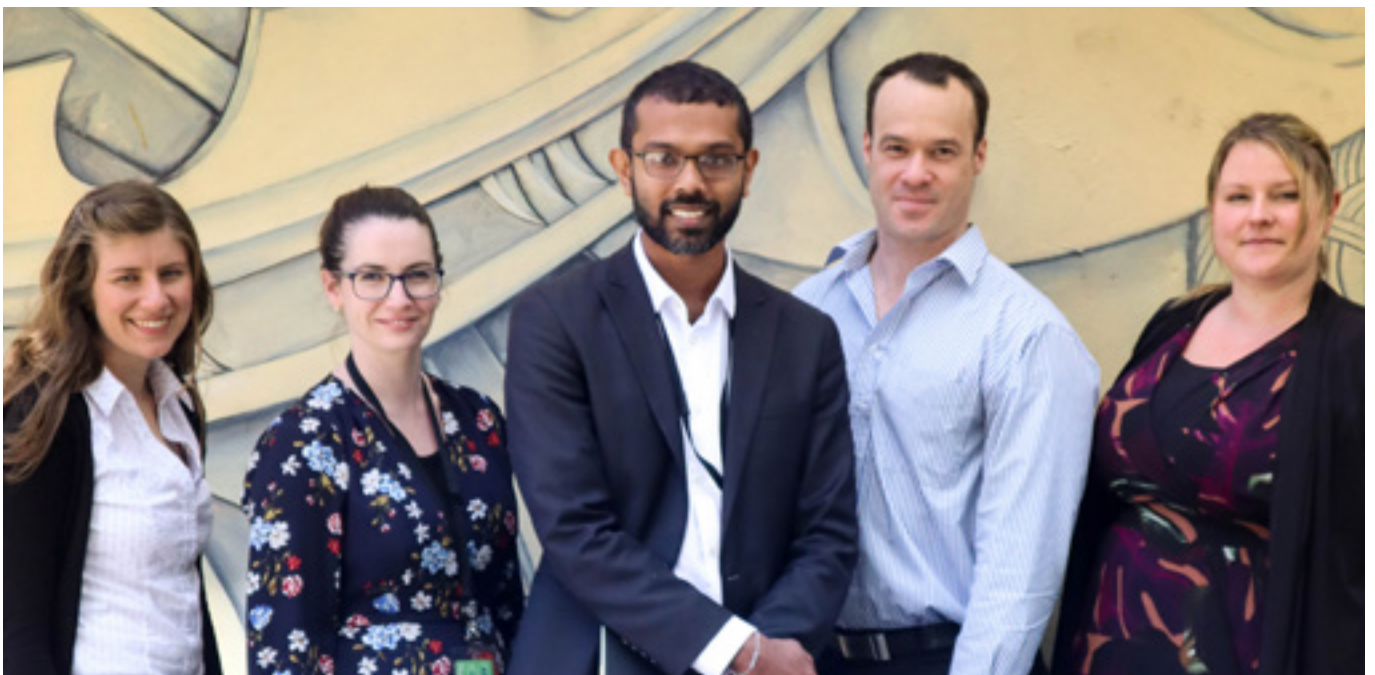
INTRO VIDEO

PITCH VIDEO

Wellington City Council are currently planning for the next stage of development for the project in 2019.

TEAM:

Nikki Wake | Erica Richards | Waruna Padmasiri | Adam Howard-Brumby | Julie Ruston



YOUTH VOICE

MINISTRY OF SOCIAL DEVELOPMENT

Young people are passionate. They're keen to have their voices heard but, globally, are becoming increasingly disengaged with governments and policy advisors who don't know how to reach them and processes that don't feel empowering.

Fortunately, in New Zealand there is a growing willingness to engage with young people when designing policy and services.

Bridging this divide between policy and youth, we're starting with social media before moving through to an all-of-government engagement hub. This will ultimately help create value; giving young people their rightful voice, making engagement easier for policy creators and better, more representative policies for New Zealand.

INTRO VIDEO

PITCH VIDEO

The project received significant funding and support after the programme and are looking to expand in the next 6 months.

TEAM: John Earles | Kerrie OHara Pepper | Sarah Freer | Eva Wyles



COMMUNITY CONNECT

MINISTRY OF EDUCATION

New Zealand's digital divide means too many citizens lack affordable and accessible internet. Unable to fully engage with digitally-enabled services, these New Zealanders are denied the full range of opportunities available to their peers; education, health, housing or any other digital public service. These people are missing out, and their wellbeing is affected.

The Equitable Digital Access team are using insights from current education pilots and the Lightning Lab process to connect communities and funders. By pulling together community information, government and private sector data they are able to raise inclusion and close the digital divide for future generations.

INTRO VIDEO

PITCH VIDEO

MOE labeled this project a huge success and are looking to partner with community groups/NGO's to ensure the full potential benefits are realised for local communities.

TEAM: Luke Fawcett | Hamish Girvan | Clayton Hubbard | Ed Stafford | Andy Dockerty



MĀRAMA

EASY. PERSONAL. TRANSPARENT

GREATER WELLINGTON REGIONAL COUNCIL

Greater Wellington Regional Council spends hundreds of millions of dollars every year on important assets and projects, but the public feel they are brought into the decision-making process too late, if they participate, they don't understand what happens to their feedback and find the experience frustrating and impersonal. We want council to make decisions in the region that people understand and contribute to.

Mārama is a formal consultation platform developed with users to enhance their user experience. Mārama promotes ease of use, transparency and understanding of the decision-making process. Users will be able to contribute with ease, understand why and when projects are happening, see the wider community's viewpoints, track their feedback through the process and understand how it comes together with other inputs to influence final decisions.

INTRO VIDEO

PITCH VIDEO

The Mārama project continues to be developed inside Greater Wellington Regional Council. The project was positively received by councillors and executive leadership with the next phase of implementation currently in review.

TEAM: Sandy Isaac | Melanie Thornton | Rebecca Adams | Nicci Wood



SUPERSMOOTH

DEPARTMENT OF INTERNAL AFFAIRS

How can you prove that you are you?

Having a secure, trusted, easy to use digital identity is the future and will allow New Zealanders to assert their digital rights and participate in the growing digital economy.

200,000 baby boomers will apply for superannuation over the next two years. Interviewing each applicant to check their identity documentation with old utility bills and certified, scanned copies of passports will take up valuable time and frustrate those involved.

Using new technologies – such as blockchain, artificial intelligence and facial biometrics – allows applicants to prove who they are without presenting in person.

This project has been working with the Ministry of Social Development to address this need but they know that this wider impacts across all Government services.

INTRO VIDEO

PITCH VIDEO

This project is not continuing in 2019 under this name, however the momentum created through the accelerator is invaluable and will significantly contribute to NZ's digital Identity process and progress.

TEAM: Henry Flood | Gayle Roberts | Ata McGregor | Daniel McFadyen | Becky Cassam



EXPERTS ON DEMAND

WELLINGTON REGIONAL ECONOMIC DEVELOPMENT AGENCY

Wellington's Early Stage businesses with ambition to scale fall into a support gap. Unlike startups, these businesses don't have access to support services that help them increase their revenue, impact or staff.

WREDA has created a suite of services for these businesses. The first of these is 'Experts on Demand' - a platform matching founders to expertise when extra help is needed most. Experts on Demand reduces the stress and workload of the full-time team while increasing sales & productivity. This service enables businesses to reach their full potential faster.

INTRO VIDEO

PITCH VIDEO

WREDA has committed to develop the Experts On Demand platform as part of their support of early-stage businesses. They are also collaborating with other organisation to create the wider suite of support tools/services.

TEAM: Michelle McCarthy | John Carlo Gelbolingo | Lauren McAvinchey | Aaron Power



SPRING

BUILDING FINANCIAL CAPABILITY

MINISTRY OF SOCIAL DEVELOPMENT

Poverty haunts more than 600,000 kiwis. Hunger, stress, and social isolation follow.

Existing services including financial mentors and a national helpline are ready to help. However, only one in ten people experiencing poverty use these services each year. The team travelled around the country to ask the people who don't use these services: "What's needed?"

After the understandable answer of "more money", the wider answer is hope – better ways to connect with training, advice, and opportunities. Based on their insights, the team has created Spring: an ecosystem of empowerment, information, expert advice and incentives which provides people the power to improve their financial wellbeing and self esteem.

INTRO VIDEO

PITCH VIDEO

Spring received funding both internally from MSD and externally to continue their work in 2019. The next stage of user testing beginning early 2019.

TEAM: Alistair Stewart | Dana Gray | Michael Tay | Cyma Parbhu



SAFER SOONER

JOINT VENTURE BUSINESS UNIT

FAMILY VIOLENCE AND SEXUAL VIOLENCE

Aotearoa has one of the highest rates of family violence in the developed world. Preventing and responding to family violence presents a massive opportunity to improve the well-being of many New Zealanders.

Humanising systems and technology to envision a new way of working across both government and non government agencies, the Joint Venture Team's digital ecosystem promotes collective responsibility by creating transparency between agencies.

This cohesive approach aligns and prioritises resources to better support families in times of crisis. Acknowledging that family violence cannot be solved by the efforts of a single agency, our solution focuses on supporting multi-agency safety responses. The approach is strengths-based, celebrates small successes and acknowledges the personal and social goals that lead to a greater sense of safety and well-being.

TEAM:

Sasha Ward Faint | Melanie Andrews | Amanda Donaldson | Nina McKenna | Simon Hill | Katie French

INTRO VIDEO

PITCH VIDEO

Safer Sooner secured a major funding contribution after the programme and will begin the next stage of development early 2019, working closely with the Integrated Safety Response (ISR) pilot in Christchurch.



MAKING WELLINGTON ACCESSIBLE

WELLINGTON CITY COUNCIL

1 in 4 people in Wellington currently have a disability or impairment. This means they're not able to fully participate in city life.

The Accessibility Space will be part of the city that provides a seamless experience for all people – a place where everyone can easily move around and access all services. The solution will also include an online platform where anyone can find all the accessibility information they need.

The purpose of the physical and online space is two-fold; with the power to give people with disabilities space to live a barrier-free life and, just as important, providing people of all abilities visiting the space with awareness of the physical and social barriers faced by people in our city.

INTRO VIDEO

PITCH VIDEO

Accessibility in Wellington is a key objective from Wellington City and the Council are committed to having The Accessibility Space integrated with existing projects throughout the city.

TEAM: Crispian Franklin | Alice Bates | Tania Ali | Holly Norton



WATER LEAKAGE DETECTION

BY BIG DATA & MACHINE LEARNING

TAIWAN WATER CORPORATION – WATER SAVIOUR

With previous, well-received experience in Taiwan working with local water utilities to conduct system trials, Water Saviour is working with NZ public sector agencies to discover their most important challenges when it comes to water efficiency.

With a limited capability to detect and repair water leakages efficiently and effectively, governments are turning to Water Saviour who are working with big data and machine learning technologies to detect and report water leakages on pipelines automatically, efficiently and accurately.

Their solution will reduce water loss, cost of labour and improve repair times in order to save water – a worldwide problem.

INTRO VIDEO

PITCH VIDEO

The team from Taiwan Water Corporation achieved all of their objectives through LL GovTech and labelled their project and participation a huge success. They are continuing to work with Wellington Water and looking for other international opportunities, using Wellington Water as their international case study.

TEAM:

Jao-Shyan Chen | Chein-Cherng Lo | Chieh-Ming Wu | Li-Chin Huang | Wei-Chin Liao



PĀMU ORA

MINISTRY FOR THE ENVIRONMENT
TAKIWĀ

The quality of Aotearoa's freshwater system is under pressure from years of population growth and changes in land use and practices. Many of our rivers and lakes are unsafe for swimming and 75% of our native fish species are in danger of extinction.

Managing freshwater quality is a complex issue. Pāmu Ora is a cloud-based catchment management tool designed to improve decision-making and collaboration at catchment and farm scale to improve freshwater quality.

Pāmu Ora aggregates scientific and cultural data, remote sensor data and spatial views of land and water, and also provides intervention options, case studies, planning tools and video content to support change.

INTRO VIDEO

PITCH VIDEO

Pāmu Ora have been funding by The Waikato River Authority to continue the development of the project with the focus being placed on the Waikato River catchment areas.

TEAM: Mike Taitoko | Brent Watson | Troy Baisden | Ceara McAuliffe Bickerton



EARS

SAFER SEAS FOR ALBATROSS

DEPARTMENT OF CONSERVATION

MINISTRY OF PRIMARY INDUSTRIES

SOUTHERN SEABIRDS TRUST

Since 2005, 75% of the Antipodean Wandering Albatross breeding population has been lost. At this rate of decline, in five years, the remaining population will half, and in 20 years they will be functionally extinct. If we don't act now it will be too late. Why? It seems the single biggest factor causing albatross decline comes from being caught on fishing hooks from longline fishing vessels.

Engaging with industry, government and NGOs in New Zealand, Japan, Chile, the US, South Africa, and the Pacific Islands, the team has developed EARS – the Electronic Automated Reporting System. EARS aims to reduce bycatch mortality in international waters and stop or reverse the decline. It monitors compliance with internationally regulated mitigations while incentivising vessels with better management and supply chain transparency.

INTRO VIDEO

PITCH VIDEO

After receiving the People's Choice award at Demo and an early grant from MPI the Ears projects future has not yet been secured with both Doc and MPI working together on the next stage.

TEAM: Paul "Scratch" Jansen | Sally Hett | Nathan Walker





LIGHTNING LAB *GovTech*

LIGHTNING LAB GOVTECH – COHORT 2 – will begin July 2019, in Wellington, New Zealand, with the support of our programme sponsors and partners.

PROJECT APPLICATIONS OPEN

MARCH-APRIL 2019

SHORTLIST CONFIRMED

APRIL 2019

PROJECT SELECTION

MAY 2019

PROGRAMME START

JULY 2019

FOR MORE INFORMATION

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