

ANNUAL REPORT 2020

CONNECT

PROMOTE

ADVANCE



Our purpose is to help create a prosperous New Zealand underpinned by technology. We **CONNECT, PROMOTE and **ADVANCE** to help tech ecosystems and the economy grow.**

NZTech is a not-for-profit, non-governmental (NGO), membership funded organisation. We represent 20 tech communities and over 1000 organisations across the New Zealand technology landscape who collectively employ more than 10 percent of the workforce.

Technology is critical for the future prosperity of New Zealand and is the fastest growing segment of our economy generating eight percent of our GDP and nine percent of our exports.

Our members are startups, local tech firms, multinationals, education providers, financial institutions, major corporations, network providers, hi-tech manufacturers and Government agencies that work closely with the tech ecosystem to generate economic growth.

Our goal is to stimulate an environment where technology provides important productivity and economic benefits for New Zealand.

About NZTech

Contents

| | | | |
|---|--------------------------------------|---|---|
| Our Purpose 02 | The Tech Sector 03 | Our Board 08 | Our Members 11 |
| The Impact of COVID-19 12 | NZTech Strategy 14 | Techweek 2020 16 | |
| Tech Story 17 | Digital Tech ITP 18 | The Tech Alliance 22 AgriTech 28 FinTech 23 AI Forum 29 IoT Alliance 24 BioTech 30 LocationTech 25 Blockchain 31 Tech Leaders 26 Digital Identity 32 Tech Marketers 27 EdTech 33 Tech Women 20 | |
|  | | Tech Alliance Events 34 | Hi-Tech Awards 2020 35 |

Our Purpose

Our purpose is to help create a more prosperous New Zealand underpinned by technology.

We do this by **CONNECTING, **PROMOTING** and **ADVANCING** New Zealand tech ecosystems, organisations and people.**



CONNECT

We connect tech ecosystems, organisations, people and policy makers with each other and to the world.



PROMOTE

We promote the importance of technology to the New Zealand public, and New Zealand technology to the world.



ADVANCE

We help advance the foundations for a successful digital nation including Government understanding of tech, digital education, connectivity, cyber-security, digital access and trade.



The Tech Sector

New Zealand's Tech Sector

2019

21,870
companies

Source: Statistics NZ

New Zealand's Tech Sector contributes

2019

8%
to GDP

Source: NZTech Digital Nation Report, 2016

Each new Tech Sector job creates

2019

5 new
jobs in other sectors

Source: NZTech Digital Nation Report, 2016

Each **4%** growth in Tech Sector productivity creates

2019

\$2.7b
additional GDP

Source: NZTech Digital Nation Report, 2016

New Zealand's Tech Sector

2019

114,450
employees

Source: Statistics NZ

New Zealand's Tech Sector employs

2019

5%
of the New Zealand workforce

Source: Statistics NZ

New Zealand's Tech Sector creates

2019

2,910
new jobs a year
(on average over 5 years)

Source: Statistics NZ

New Zealand's Tech Sector median base salary

2019

\$92,000
per annum

Source: Absolute IT Survey 2019

New Zealand's Tech Sector exported

2019

\$7.4b
globally

Source: Statistics NZ

New Zealand's Tech Sector exports grew

2019

5.4%
year on year

Source: Statistics NZ

New Zealand's ICT exports grew

2019

19%
year on year

Source: Statistics NZ

NZ's Top 200 Tech Exporters overseas sales grew

2019

11.3%
year on year

Source: TIN Report 2019

Chair's Report



Mitchell Pham

NZTech Chair



Kia ora tātou,

This past 12 month period, particularly since March 2020, has been the most unusual in my nearly three decades of being in the tech sector, both in New Zealand and overseas.

It is difficult for me to even think about the world before COVID-19. Our nation's digital future is no longer a conversation about what could be – it is happening right now!

Even though we are naturally hi-tech, the New Zealand technology industry is still impacted by the combined triple challenge of the public health crisis, overnight digital transformation of our entire country and the associated economic recessionary effects that will likely continue to play out well into next year.

The New Zealand Tech Alliance today includes NZTech and 20 other industry associations. We have all been working hard at keeping in touch with our 1000+ members. Many of our associations quickly set up online networking and coffee catch-ups to maintain connections and have been hosting regular webinar series in place of our offline Connect events.

Despite the overall challenging situation, it has been very positive to see how fast tech businesses and the industry as a whole, have shifted activities online, taking prudent recessionary actions and keeping everything going as much as we have done. At an individual level, many companies have been shifting gears, pivoting directions, even developing entirely new products or commercial models. Many of the ideas will help in the current crisis situation (the 'new-normal') as well as when we all make it through to the other side (the 'new-world-order').

At the industry level, among the many good examples of positive actions are TechWeek2020 and the New Zealand Hi-Tech Awards. Moving Techweek2020

online has made events accessible to all Kiwis throughout the country. It has also made our tech sector more accessible to the rest of the world too. A number of countries partnered with NZTech in order for their members to participate in Techweek2020, which brought international connections directly to Kiwi businesses.

Not cancelling our annual Hi-Tech Awards is an expression of our resilience and unbreakable Kiwi spirit. A huge congratulations to all of this year's finalists. Not only have these organisations and individuals made a positive impact on New Zealand and the world, but they also inspire the rest of the industry to continue innovating and make a difference. By acknowledging their successes and contributions, we continue to celebrate our entire industry.

Meanwhile, NZTech's work with the Ministry of Business, Innovation and Employment (MBIE) to develop and roll-out the Industry Transformation Plan for our sector has been interrupted by the Government's focus on COVID-19 emergency response, crisis management and forthcoming election priorities. However, we aim to continue this important work, as soon as Government resources become available.

In February this year, the Government launched the Digital Council for Aotearoa New Zealand. Under my leadership as chair, this independent group of advisors has been carrying out research, engaging with stakeholder groups and the public, and setting out advice for the Government on the ways technology can benefit society, increase equality and inclusivity as well as improve



wellbeing and community resilience. This role enables me to further strengthen NZTech's relationship with the Government, as our industry continues to grow in relevance to the rest of our economy and society.

During New Zealand's COVID-19 lockdown, I also accepted the invitation to join the Asia Society's Global Council. This New York City headquartered organisation is the larger counterpart to our highly valued Asia New Zealand Foundation. Their Global Council advise their board and senior leadership on global relationships, programmes and activities. This role enables me to connect NZTech and our industry community to one of the most important organisations, who have a strong presence and deep engagement across Greater Asia and the Pacific region.

Looking ahead, as the world continues to accelerate its digital transformation, I know NZTech will ambitiously continue to stimulate an environment where tech provides both economic and

social benefits for all Kiwis as well as opportunities for New Zealand to make a difference and be more relevant to the rest of the world.

As you peruse this year's annual report, I urge you to consider participation in our boards, initiatives, projects and working groups. The greatest value to be gained from your membership is involvement in our work programmes. Working together, we can realise many new-normal opportunities across the shifting landscape of the Tech Alliance.

"... I know NZTech will ambitiously continue to stimulate an environment where tech provides both economic and social benefits..."

CEO's Report



Graeme Muller

NZTech CEO



During the past year, momentum was gaining as the tech ecosystem continues to grow and positively impact our economy and society. Then COVID-19 struck and New Zealand immediately experienced a digital tipping point.

Almost overnight, born of necessity, the Government, businesses and people gained first hand experience of a more digital world. Our years of work connecting a strong and vibrant tech ecosystem, promoting the importance of technology and collaborating with the Government to advance our digital future has created the foundation for New Zealand to respond and adapt to the impact of COVID-19.

During the COVID-19 pandemic response, we worked tirelessly to assist the Government in better understanding the economic impact on the tech ecosystem. We have been continually collecting feedback from members on how COVID-19 was impacting their business and the likely impacts in coming months. This feedback is aggregated from across the Tech Alliance and is regularly shared with the Ministry of Business, Innovation and Employment (MBIE) to help inform recovery plans.

You can see this work reflected in additional funding for New Zealand Trade and Enterprise (NZTE) to help tech exporters, an extension of the wage subsidy to include startups and pre-revenue firms, and funding to help companies adopt more technology.

In the past year the NZTech Group has undertaken multiple events, conferences, research programmes, roundtable discussions, Minister briefings, submissions, delegations and working groups to provide opportunities for our members to **CONNECT** and collaborate, opportunities to **PROMOTE** great New Zealand tech stories, and opportunities to help **ADVANCE** and target policy and investment. Recent activity includes:

Publications

ECONOMIC IMPACT STUDIES

Aotearoa Agritech Unleashed
– an analysis of agritech opportunities

Interactive Aotearoa
– an analysis of interactive media and gaming opportunities

Towards Our Intelligent Future
– an analysis of artificial intelligence (AI) opportunities

Artificial Intelligence for Financial and Insurance Services in New Zealand
– a sector examination

Artificial Intelligence for Health in New Zealand – a sector examination

Artificial Intelligence for Agriculture in New Zealand – a sector examination

Biotech economic impact study
– currently in production

Open Banking impact study
– currently in production

SURVEYS

Impact of COVID-19 on New Zealand Tech Sector

Understanding of Digital Identity in New Zealand

Growing the AI Talent Pool Interviews

BRIEFING PAPERS

Trustworthy AI in Aotearoa
– AI Principles

Securing New Zealand Against Cyber Attack

Key technology opportunities for New Zealand

How Government and industry can accelerate digital advancement in regional New Zealand

Fintech future: Trade Opportunities for New Zealand and the United Kingdom

Anti-Money Laundering Reliance and Digital Identity Opportunities

How Government, Regulators and Industry can accelerate the Fintech opportunity

An assessment of the New Zealand InsurTech ecosystem

Events

200+ member Connect events and webinars

Techweek2020 featuring 300+ digital events and 60 Techweek TV programmes

Future Government Summit

Cyber Security Summit

Digital Identity Summit

Medical Cannabis Summit

Tech Marketing Conference

IoT Conference

Roundtable lunches with Ministers, regulators and policy makers

Submissions

Statistics New Zealand
– Algorithm Charter

New Zealand Productivity Commission – Future of Work

Statistics New Zealand – Towards new data and statistics legislation

Waikato District Plan
– Genetically Modified Organisms (GMO) Provisions

Inland Revenue – Research and Development Tax Credit Legislation

Inland Revenue – Cryptocurrency and Goods and Services Tax (GST)

Delegations

Fintech delegations

– United Kingdom, Australia, Hong Kong and Singapore

Agritech delegations

– United States of America, Australia and Ireland

Biotech delegation

– United States of America

Work Programmes

Shadow Tech – encouraging secondary school girls into tech roles

Tech Leaders – 2020 Tech Manifesto

Edtech Sector Innovation Plan

Agritech Industry Transformation Plan

Digital Technology Industry Transformation Plan

AI Forum National AI Strategy

As we look forward to the coming year, our team will passionately continue connecting the New Zealand tech ecosystem. Through Techweek and the Tech Story we will continue to promote the importance of technology to New Zealand, and showcase New Zealand tech to the world. Working with our members, we will continue to help drive improvements in the creation of local tech skills, Government procurement of technology, effective use of AI, open banking, trusted digital identity, 5G and more.

As the world continues to respond to COVID-19, New Zealand can take advantage of being one of the most digital countries in the world. It is more important than ever, to support our tech sector as a foundation for a more productive, sustainable and inclusive economy and society.



Our Board

We are the voice of the **New Zealand technology ecosystem** and our vision is simple – more prosperity for New Zealand through better use of technology.



Mitchell Pham

CHAIR OF THE BOARD
MID-SIZE CORPORATE SEAT

Mitchell is a Director of the Augen Software Group. He is the founding Chair of FinTechNZ and was recognised a KEA World Class New Zealander in 2019. Mitchell was elected to the NZTech Board in 2016 and has been Chair of the NZTech Board since 2016.



Anthony Watson

MAJOR CORPORATE SEAT

Anthony is the Enterprise Domains Lead (New Zealand) at ANZ Bank. Anthony was elected to the Board in 2019.



Dean Ford

GOVERNMENT AND EDUCATION SEAT

Dean is the General Manager Economic Development and Transitions at the Ministry of Business, Innovation and Employment (MBIE). Dean joined the Board in 2019.



Kaye Maree Dunn

COMMUNITY BOARD MEMBER SEAT

Kaye Maree is a Co-Founder of Āhau. Kaye Maree was appointed as a Community Board Member in 2019.



Mike Smith

MAJOR CORPORATE SEAT

Mike is the Managing Director of IBM New Zealand and was elected to the NZTech Board in 2017.



Vanessa Sorenson

MAJOR CORPORATE SEAT

Vanessa is the Managing Director of Microsoft New Zealand. Vanessa joined the Board in 2020.



Anand Ranchord

COMMUNITY BOARD MEMBER SEAT

Anand is the Strategy, Innovation, Venture Lead at Kiwibank. Anand was appointed to the Board as a Community Board Member in 2019.



Belinda Allen

MID-SIZE CORPORATE SEAT

Belinda is the Client and Partnership Director (New Zealand) at Orion Health. Belinda was elected to the Board in 2019.



Eva Sherwood

MAJOR CORPORATE SEAT

Eva is a Manager for Deloitte Technology Consulting. She is the Chair of the NZTech Diversity and Inclusion Sub Board. She is also Chair of TechWomen and was elected to the NZTech Board in 2016.



Mike Jenkins

SME BUSINESS SEAT

Mike is the founder of The Instillery and was elected to the Board in 2017.



Nicole Upchurch

MID-SIZE CORPORATE SEAT

Nicole is the General Manager of Brand Experience at Centrality. Nicole was elected to the Board in 2019.



Simon Martin

NON DIRECTOR – LEGAL COUNSEL

Simon is a partner at Hudson Gavin Martin. He was appointed to the role of Legal Counsel for the Board in 2009.



Our Members

Membership

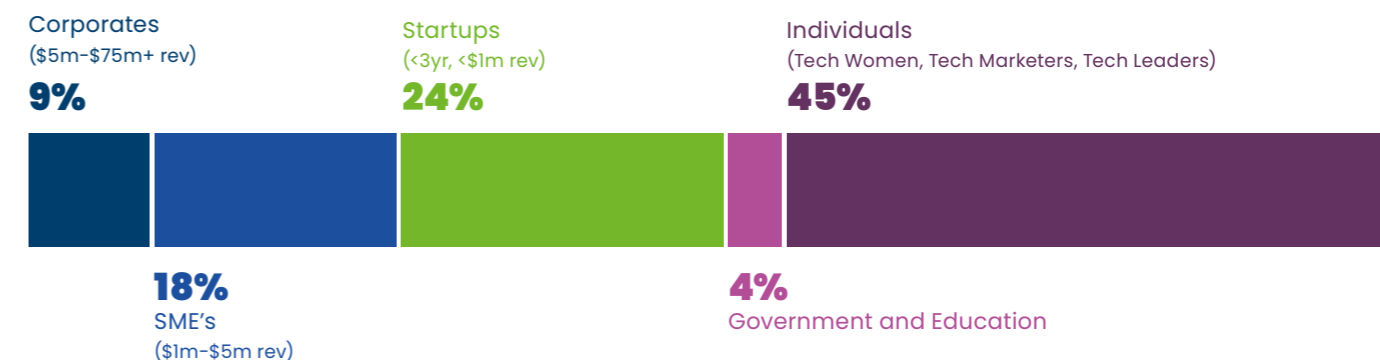
Ultimately, NZTech is an association of member organisations that have come together to help create a more prosperous New Zealand underpinned by technology. NZTech is not just about the tech sector and this is reflected in our membership. Growing the New Zealand tech sector is important for our future prosperity, but education, inclusion and productivity are key priorities.

Our members include a diverse range of startups, local tech firms, multinationals, education providers, financial institutions, major corporations, network providers, hi-tech manufacturers and Government agencies that work together as part of a tech ecosystem to generate positive economic growth and wellbeing.

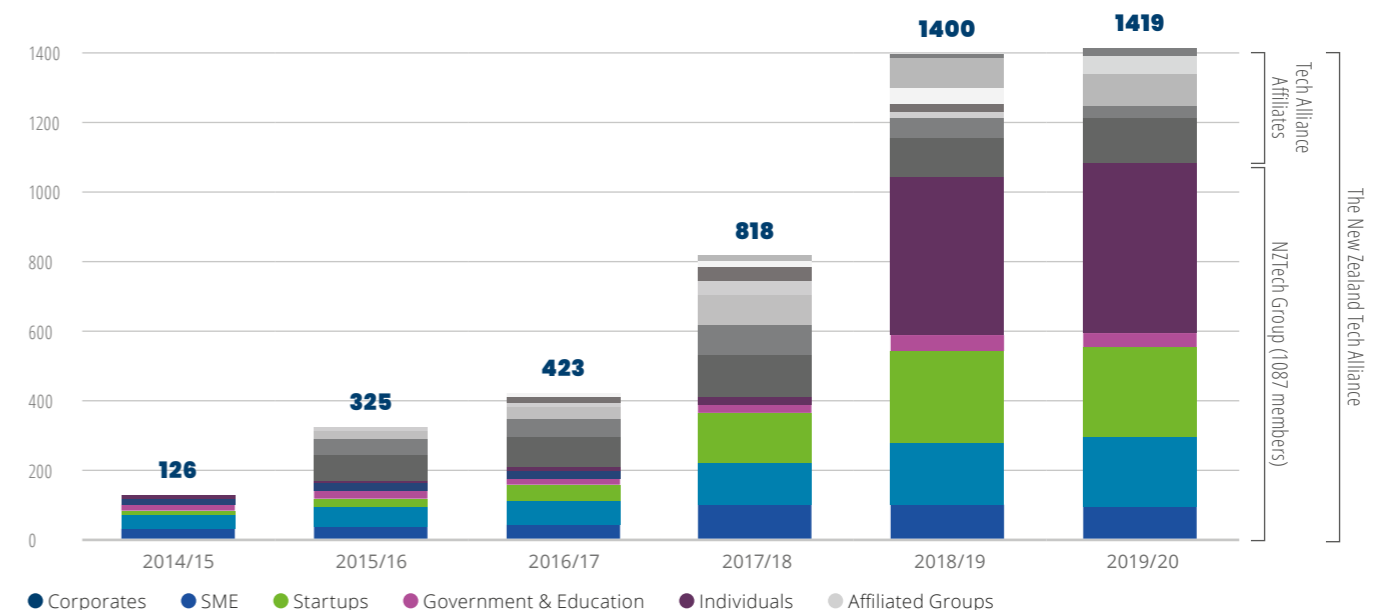
The NZTech Group is made up of 15 tech associations, including NZTech, plus Techweek. This group continues to mature and expand as more associations join and gain the benefits of scale, a sharing economy and additional value for members who can participate in multiple associations.

The NZTech Group forms the heart of the New Zealand Tech Alliance, which along with the 15 NZTech Group technology associations, includes an additional 5 affiliated associations creating a national alliance of 20 technology associations representing more than 1000 member organisations.

NZTech Group Members by Type



NZTech Representation



Impact of COVID-19

Despite the devastating global pandemic, the tech sector is continuing to create growth in employment and exports for New Zealand.

As New Zealand went into COVID-19 Alert Level 4 Lockdown in April, 2020, we began contacting every member to understand the impact on their business and to provide guidance where possible. The information we collected was aggregated and provided timely feedback to multiple Government agencies to help inform response and recovery policy.

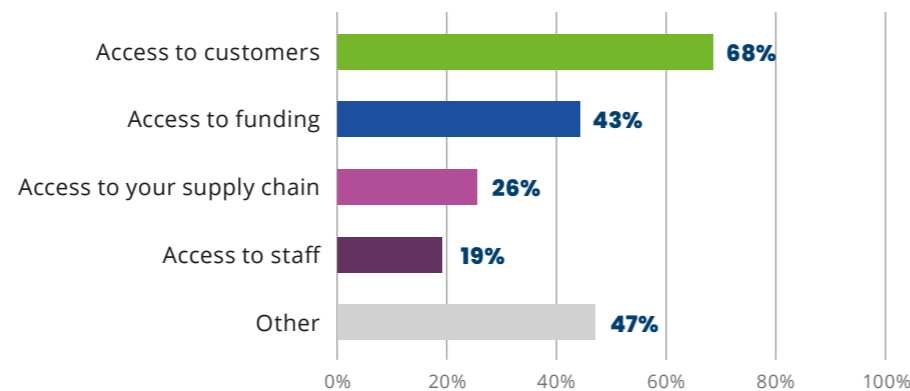
During the lockdown, our members reported the main impact was the inability to access customers and a corresponding concern regarding cash flow. For the startup community, the main issue was access to funding. As customers moved to remote working, IT service providers saw work continue, however there was a worrying freeze on major projects and forward planning. This has continued with many IT projects still on hold or experiencing substantial delays. However, we are beginning to see large corporations and public sector organisations identifying digital as critical and new projects being considered. It is expected that a number of IT companies may struggle through this period and will need to reduce staff until projects recommence.

However, in other parts of the tech sector, the fast growth digital and software as a service (SaaS) firms only experienced minimal impact. There was some slowdown in sales reported, but little reduction in overall business.

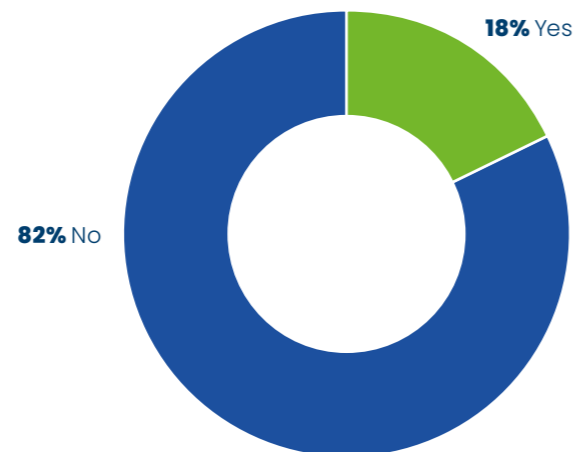
Across the sector, there was a hiring freeze, with 15 percent of firms having to reduce staff during April and May and an additional 18 percent expecting to have to make future staff reductions due to COVID-19.

Many tech firms in growth mode have also been slowed by reduced access to capital. Exporting firms, both digital and hi-tech manufacturers have also encountered challenges due to travel restrictions and manufacturers are experiencing supply chain challenges.

What are the biggest risks to your current business activity?



Are you expecting to have to reduce staff in the future as a result of responses to COVID-19?



Now, New Zealand's second largest contributor to exports, the tech sector is already contributing strongly to economic recovery creating new jobs and continued growth.

New Zealand's resilient technology, creative and digital sectors are not only weathering the global economic turmoil well, they are also shining a light on a future for New Zealand. It is a future that blends primary production and knowledge creation to deliver a more prosperous future for all Kiwi's.

NZTECH'S MEMBERS IDENTIFIED A NUMBER OF WAYS THAT THE NEW ZEALAND GOVERNMENT COULD SUPPORT AND ACCELERATE THE GROWTH OF THE TECH SECTOR.

Allow genetic engineering **Better open data**
Biotech opportunities **Digital ID trust framework**
DIGITAL IDENTITY **Digital transformation**
Digital transformation of sectors Encourage buy local
Encourage digital adoption **ENSURE GOVT INVESTS IN IT**
 Focus on tech exports **Funding for startups**
Government as customer Govt lending support
GOVT PROCUREMENT FOR SMES **Govt use local IT firms**
Help digital tech adoption **Incent digital tech uptake**
INCENTIVES FOR FARMERS TO ADOPT TECH **Invest in digital identity**
Invest in MedTech/BioTech startups **Invest in tech education**
MEDTECH/HEALTHTECH More Govt IT projects
More R&D support **More tax relief**
National AI strategy **Open the borders fast**
Promote NZ agtech Promote NZ as hi-tech
PROMOTE NZ TECH GLOBALLY **Provide digital skills retraining**
 Retrain & upskills workers **Review early stage funding**
Startup funding Support innovation **SUPPORT LOCAL FIRMS**
SUPPORT STARTUPS **Tax benefits for startups**
Tax breaks Tax refunds for digitech
 Tech based green economy **Tech hubs**

NZTech Strategy



Julie Gill

Chief Strategy Officer



As NZTech’s scale continues to grow, so does our ability to undertake larger strategic initiatives.

These initiatives support and accelerate our purpose of creating a prosperous New Zealand underpinned by technology.

Our first major initiative was the creation of the New Zealand Tech Alliance. We actively **CONNECT** tech ecosystems, organisations and passionate people with each other to reduce market fragmentation. The Tech Alliances also provides a coordinated national voice for technology in New Zealand.

With this growing voice we **PROMOTE** the importance of technology to the New Zealand public, to businesses and the Government, and further

support the promotion of successful New Zealand technology to the world.

Building on a solid foundation of a well connected ecosystem and our strong voice we are able to help **ADVANCE** the essential elements for creating a prosperous digital nation. NZTech’s strategy focuses on helping improve tech education and skills, helping business growth and tech exports, and helping the Government use and understand tech better.

While we have many programmes of work in place to support our strategy, we have four major strategic initiatives underway including:

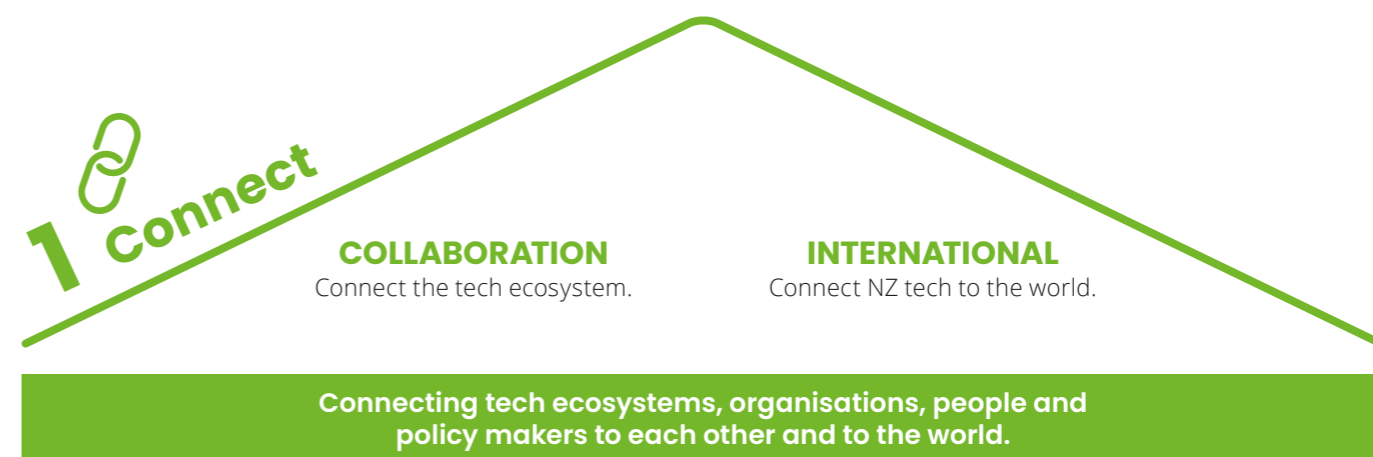
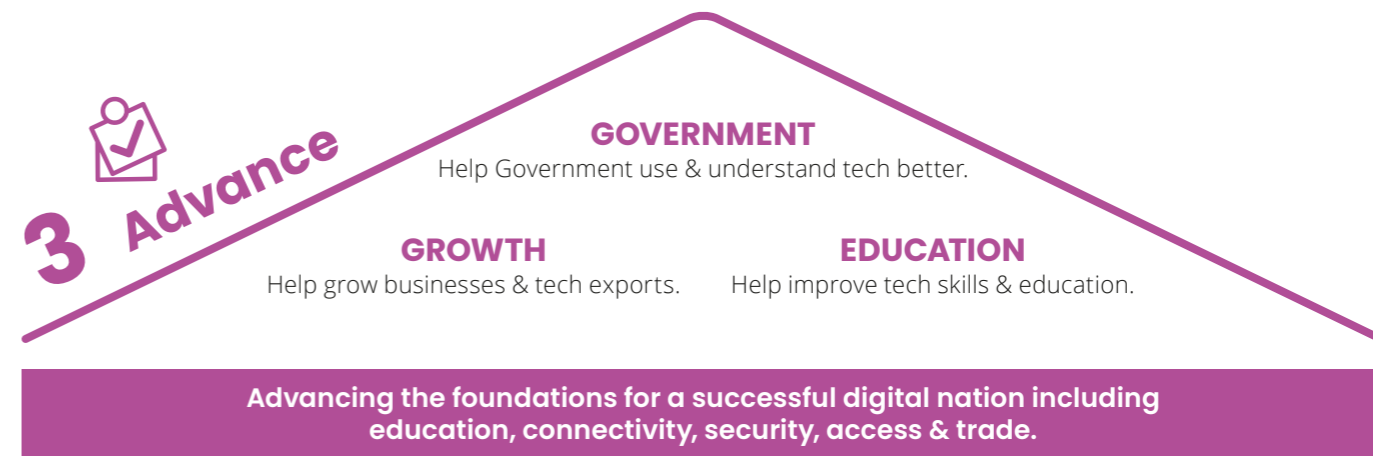
Tech Sector Plan
NZTech and the Government have partnered to develop the Digital Technology Industry Transformation Plan to grow the digital technology sector.

Tech Alliance
Providing the platform for collaboration, sharing of best practices and coordinating the voice of technology by supporting multiple tech associations.

Tech Story
An industry and Government collaboration to develop and promote New Zealand’s tech story to the world.

Techweek
A week long programme of tech and innovation events throughout New Zealand to inspire, inform and educate.

As we move into the new NZTech year, it is the Digital Technology Industry Transformation Plan that will provide a multi-year platform for strategically addressing issues such as skills shortages, the opportunities for Māori in the tech sector, improvements in Government procurement, open and accessible data, artificial intelligence and more.



techweek2020

New Zealand's festival of tech and innovation.

NZTech, with the support of the New Zealand Government, developed a brand campaign, platform and process to enable hundreds of tech and innovation events to be run independently yet with aligned purpose.

Reaching tens of thousands of Kiwi's each year, Techweek inspires people toward tech education or jobs, to use new technology in their businesses, to start a tech company, raise capital or start exporting. Now with the addition of the digital experience Techweek has the opportunity to reach audiences across the globe.

Techweek2020 by Numbers

- 7** → DAYS
- 60** → TECHWEEKTV EPISODES
- 312** → EVENTS BROADCAST DIGITALLY



Audiences

- 40** → EVENTS FOR EDUCATORS AND SCHOOLS
- 60** → EVENTS FOR WOMEN IN TECH
- 25** → EVENTS FOR SENIORS
- 103** → EVENTS FOR STARTUP FOUNDERS



Types of Digital Events

- 218** → WORKSHOP SEMINARS
- 26** → CONFERENCES
- 8** → DEMO DAYS
- 4** → HACKATHONS



2,500,000+ → MEDIA REACH

- 8** → **COMMERCIAL PARTNERS** (AUT, ANZ, ATEED, AUT, BECA, CHORUS, EMA AND HUAWEI)
- 5** → **GOVERNMENT PARTNERS** (NZTE, CALLAGHAN INNOVATION, MBIE, MINISTRY OF EDUCATION & NZTE)

Tech Story

TO SUPPORT THE CONTINUED GROWTH OF TECH EXPORTS FROM NEW ZEALAND NZTECH HAS BEEN COLLABORATING WITH NZ STORY, NEW ZEALAND TRADE AND ENTERPRISE (NZTE) AND THE MINISTRY OF BUSINESS, INNOVATION AND EMPLOYMENT (MBIE) TO DEVELOP AND PROMOTE NEW ZEALAND'S TECH STORY TO THE WORLD. AS PART OF THIS WORK WE ARE ALSO COLLABORATING ACROSS OTHER SECTOR MARKETING TO SUPPORT THE INCLUSION OF TECH AND INGENUITY IN ALL NZ INC MARKETING CAMPAIGNS.

NEW IDEAS FROM A NEW PLACE

If necessity is the mother of invention, it's no surprise that world changing ideas are born in New Zealand. Introducing the New Zealand Tech and Innovation Story.

INGENIOUS SOLUTIONS

When you want a job done differently, give it to people who think differently.

NATURAL COLLABORATORS

Being from a small country means we dream big – and teaming up helps us achieve the extraordinary.

INNOVATION FROM THE EDGE

Innovation starts at the edge, not at the centre. That puts us in the right place to change the world for the better.

GLOBAL SOLUTIONS

We've always looked beyond our shores for new challenges. That means New Zealand businesses are born global from day one.

OPEN, TRUSTED, STABLE

New Zealanders are known for doing the right thing, even when nobody is looking. That makes us the partners you've been looking for.

Digital Tech ITP

Government and NZTech partner to grow the digital tech sector.

In July 2019, the New Zealand Government launched a new approach to industry policy, aimed at growing more innovative industries in New Zealand and lifting the productivity, sustainability and inclusivity of key sectors. Central to this new policy is the development of Industry Transformation Plans (ITP's).

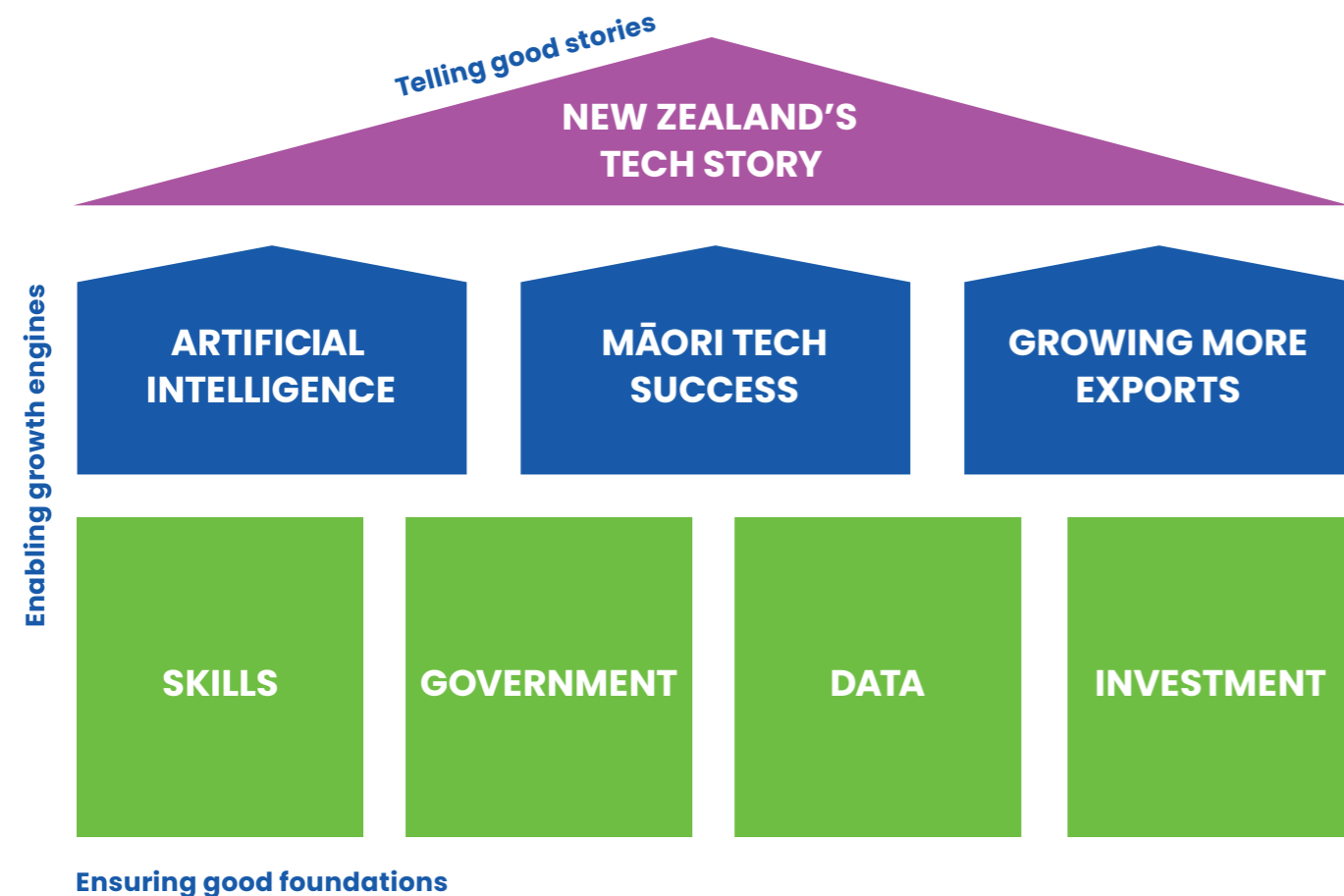
The NZTech Group has been an integral industry partner in the development of two of these sector plans. Agritech New Zealand partnered with the Government to develop the Agritech ITP which was launched in July 2020, while NZTech continues to help the development of the Digital Technology ITP.

In late 2019 and early 2020, the Ministry of Business, Innovation and Employment (MBIE) and NZTech hosted workshops throughout the country seeking input from the tech sector on the key challenges and opportunities that the Digital Technology ITP should address. Work was temporarily paused during the response to COVID-19, but is now underway again.

Based on the feedback from nationwide workshops, we are developing seven key initiatives as part of the plan:

1. Develop skill pipeline programmes aimed at closing the skills gap in the sector.
2. Improvements to Government procurement to realise benefits for tech sector growth.
3. Initiatives to support data driven innovation.
4. Developing an artificial intelligence strategy for New Zealand.
5. Māori engagement to co-design initiatives aimed to enable Māori success in the sector.
6. Understanding the critical success factors for New Zealand's globally successful tech firms.
7. Strengthening New Zealand's international tech brand.

Volunteers from across the tech ecosystem have joined these seven workstreams and are assisting the development of actionable projects. Collectively, these initiatives will help the sector grow and prosper.

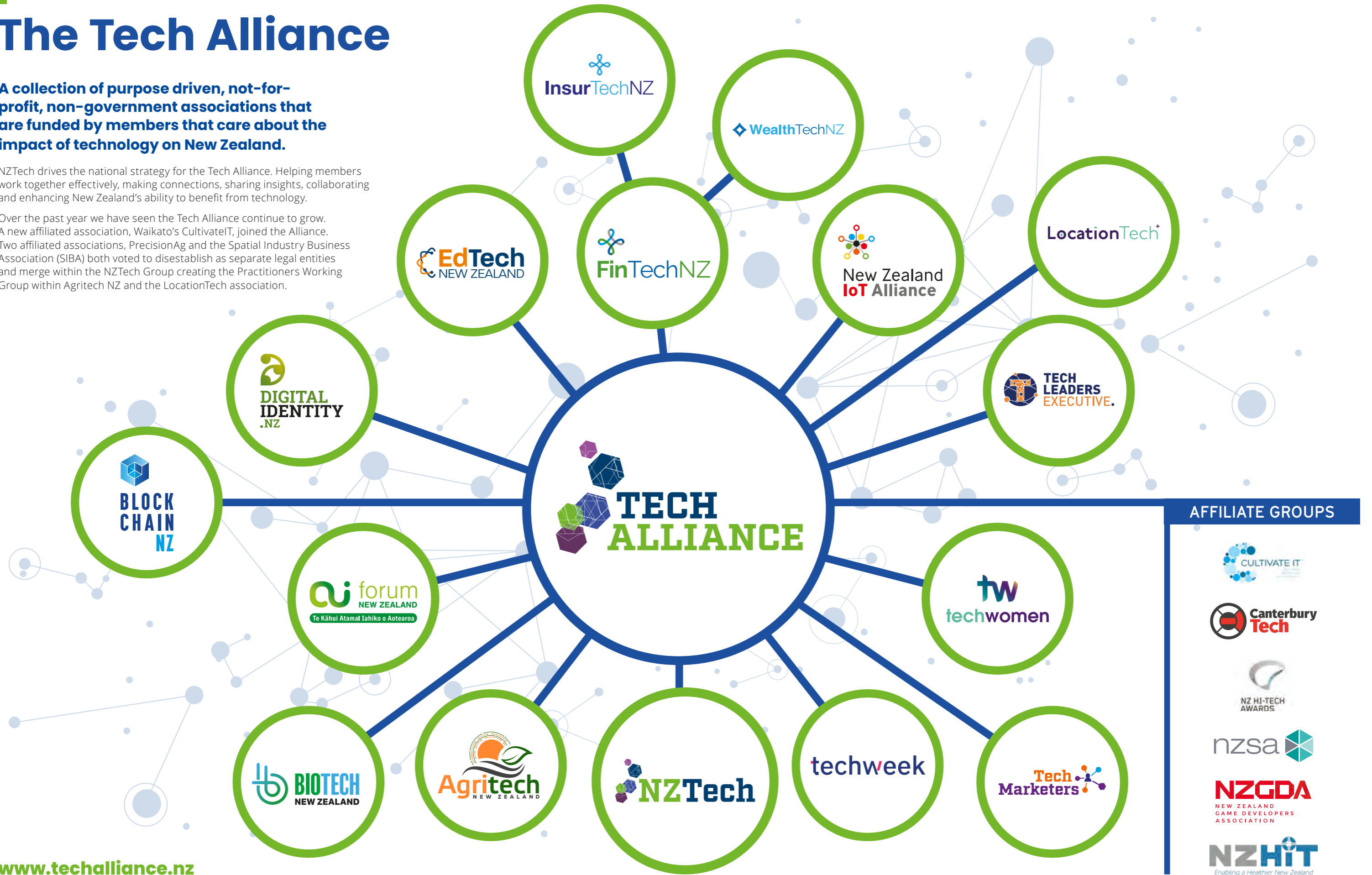


The Tech Alliance

A collection of purpose driven, not-for-profit, non-government associations that are funded by members that care about the impact of technology on New Zealand.

NZTech drives the national strategy for the Tech Alliance. Helping members work together effectively, making connections, sharing insights, collaborating and enhancing New Zealand's ability to benefit from technology.

Over the past year we have seen the Tech Alliance continue to grow. A new affiliated association, Waikato's CultivateIT, joined the Alliance. Two affiliated associations, PrecisionAg and the Spatial Industry Business Association (SIBA) both voted to disestablish as separate legal entities and merge within the NZTech Group creating the Practitioners Working Group within Agritech NZ and the LocationTech association.



Agritech New Zealand



Peter Wren-Hilton

EXECUTIVE DIRECTOR

Building a world class agritech ecosystem.

OUR MISSION

To scale the New Zealand agritech ecosystem through:

Advocacy



Collaboration



Innovation



And to support farmers and growers to adopt agritech to increase:

Productivity



Profitability



Sustainability



OUR PROGRESS

1 Industry Transformation Plan

1 Economic impact research report

5 Global partnerships

3 International Agritech Missions

4 Key recommendations

- National agritech strategy
- Trans-Tasman agritech strategy
- Understand local adoption better
- Stimulate local agritech adoption

36 Events and webinars for members

2,200 Agritech Insights Webinar Attendees

13 National workshops hosted to develop the New Zealand Agritech Story - Powered by Place

150+ Members



www.agritechnz.org.nz

Artificial Intelligence Forum of New Zealand



Emma Naji

EXECUTIVE DIRECTOR

Harnessing the power of Artificial Intelligence (AI) technologies to enable a prosperous, inclusive and thriving future New Zealand.

OUR MISSION

To increase the understanding and use of artificial intelligence (AI) to help bring about a

Prosperous



Inclusive



and

New Zealand

OUR PROGRESS

1 AI Roadmap for New Zealand

1 Annual National AI Conference

3 Economic Impact Reports

6 AI Working Groups

- Developing a national AI Strategy
- Creating AI awareness
- Assisting AI adoption
- Increasing trusted data accessibility
- Growing AI talent
- AI effects on law, ethics and society

5 Principles for Trustworthy AI in Aotearoa

23 Member Events

12 Stories about artificial intelligence placed in the media

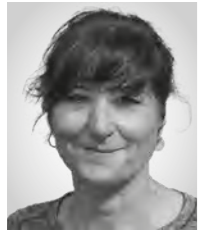
\$54B The potential economic growth from AI for New Zealand

140+ Members



www.aiforum.org.nz

BioTech New Zealand



Zahra Champion
EXECUTIVE DIRECTOR

Creating a healthy, clean and prosperous New Zealand, boosted by biotech.

OUR GOALS

To raise awareness and improve understanding of biotechnology.

Enable New Zealand to embrace the best opportunities biotech offers to help us live better, healthier and more productive lives.

Educate



Inspire



Inform



OUR PROGRESS

1 Strong voice for the biotech industry in New Zealand

1 Medicinal Cannabis Summit

2 Biotech reports

26 New Zealand biotech firms and universities at BIO2019.

7 Biotech stories placed in the media

6 Submissions to regional councils and Government

11 Networking events and webinars.

70+ Members



Blockchain New Zealand



Viktoria Pashorina-Nichols
CHAIR

Helping New Zealand become a global hub for blockchain innovation.

WHY BLOCKCHAIN?

Blockchain technology is transforming how business and society operates.

It is changing our understanding of:

Authentication



Transparency



Trust



OUR PURPOSE

To support the growth of a sustainable blockchain ecosystem in New Zealand.

To grow New Zealand's blockchain capability.

To advocate for blockchain technology in the public and private sectors.

OUR PROGRESS

18 Meetups and Webinars

2 Select Committee appearances

3 Submissions

1 International review group for blockchain standards

56 Members organisations



Digital Identity New Zealand



Andrew Weaver

EXECUTIVE DIRECTOR

Leading a united approach to digital identity for the benefit of all New Zealanders.

OUR MISSION

To create a digital identity ecosystem that enhances:

Kāwanatanga



Honourable Governance

Rangatiratanga



Self Determination & Agency

Ōritetanga



Equity & Partnership

for all people in New Zealand.

OUR PROGRESS

2 Annual Digital Identity surveys conducted

2 National Digital Identity conferences co-organised

4 International and 8 local speaking appearances

5 Digital identity stories placed in the media

36 Events and webinars produced

91% of New Zealanders want more control over their identity and personal information online

75+ Members

DIGITAL IDENTITY IS A TAONGA

It is treasure worthy of **dignity, respect and care**. This places a great deal of responsibility on organisations as kaitiaki/custodians of identity and personal information, leading to increased transparency, meaningful privacy controls and simple, straightforward policies and technology that make it easier for people to take meaningful action.



www.digitalidentity.nz

EdTech New Zealand



Shane Kerr

CHAIR

Empower learning with technology that embodies our unique Aotearoa New Zealand identity.

OUR MISSION

Improving the lives of people and increasing

Access to



Quality



Impact



of education through innovative technology, for the benefit of educators and learners in Aotearoa New Zealand and around the world.

OUR PROGRESS

1 Growing voice for the importance of education technology

1 Education technology sector innovation plan

5 Edtech stories placed in the media

58 Edtech related events during Techweek

21 Events and webinars produced

35+ Member organisations



www.edtech.org.nz

FinTechNZ



James Brown

GENERAL MANAGER

Fintech is redefining the way we borrow, lend, save, spend, store and transfer money.

OUR PURPOSE

We actively contribute to the prosperity of New Zealand through financial technology innovation.

Privacy



Trust



Access



OUR OBJECTIVES

Connect



our ecosystem locally and internationally.

Promote



local fintech innovations and opportunities for economic growth and showcase New Zealand fintech success stories.

Advance



the understanding of financial technologies and collaborate with the Government to quantify fintech's economic opportunity.

OUR PROGRESS

1 Report on impact of InsurTech

1 Regulation Roundtable on the Future of FinTech

2 National fintech conferences supported

3 Working groups - InsurTech, WealthTech, International

4 International delegations co-hosted

12 International partnerships

17 Fintech stories placed in the media

28 Events and webinars for members

150+ Members



www.fintechnz.org.nz

New Zealand IoT Alliance



Kriv Naicker

CHAIR

Accelerating a connected New Zealand.

OUR PURPOSE

Connecting to:

Data



Devices



People



OUR GOALS

To connect **the local IoT ecosystem and generate synergy.**

To measure, understand and promote the opportunities and challenges of IoT.

To advance **collaboration, innovation, stimulate economic growth, talent attraction and development.**

OUR RESEARCH

The Internet of Things – Accelerating a Connected New Zealand, published by the New Zealand IoT Alliance in 2017, showed better use of IoT could create at least \$2.2 billion in net economic benefit for New Zealand within a decade.

OUR PROGRESS

1 Economic research report

7 Working groups

8 IoT stories placed in the media

14 Events and webinars for members

57 IoT related events on in Techweek

65+ Members



www.iotalliance.org.nz

LocationTech New Zealand



Anne Harper

CHAIR

LocationTech is at the heart of big data, creating most of the world's information.

OUR GOALS

To expand the spatial industry as a sustainable and increasingly significant business sector in the national economy.

To promote the value of adopting and using spatial information and spatial technologies.

To build on existing opportunities for the private sector of the industry.

To ensure the industry is aware and ready to adapt and change to take advantage of new opportunities.

OUR PROGRESS



WHAT IS SPATIAL INFORMATION?

Spatial information deals with the position, area and size of things, often using a map or model. Most spatial information is geographic, on or near the Earth's surface. We use spatial information to understand what is happening, and how doing things differently will improve outcomes.

Tech Leaders Executive



Stuart Wakefield

CHAIR



Sonya Crosby

DEPUTY CHAIR

Technology leadership influencing positive economic and social change.

WHO ARE WE?

Senior technology executives who care deeply about the future of New Zealand, better use of technology and the development of digital skills for all.

"Together we see a prosperous future for New Zealand underpinned by technology".

OUR PROGRESS



5 Tech challenges outlined in our Tech Manifesto:

1. Trust our data
2. Growing economic productivity
3. Upskilling the nation
4. Redefinition of the workplace
5. Accessing the best talent economic productivity

Tech Marketers



Jane Smallfield

CO-CHAIR



Bob Pinchin

CO-CHAIR

Tech Marketers connects marketers in the tech ecosystem, promotes marketing within companies and advances New Zealand tech marketers nationally and globally.



www.techmarketers.co.nz

OUR GOALS

To build a strong community and connect marketers in the tech industry.

To promote marketing within tech companies and the wider industry.

To advance the tech marketing discipline and increase tech marketers capability.

OUR PROGRESS



Tech Women



Eva Sherwood

CHAIR

Inspiring, supporting and encouraging women in tech.

WOMEN IN TECH

Working together to help address one of the major challenges for the successful growth of technology in New Zealand – a shortage of women in tech.

Women only occupy 23% of professional IT roles.

Less than 1 in 20 girls considers a high-paid career in science, technology, engineering or maths, compared to 1 in 5 boys.

OUR PURPOSE



Inspiring girls into technology

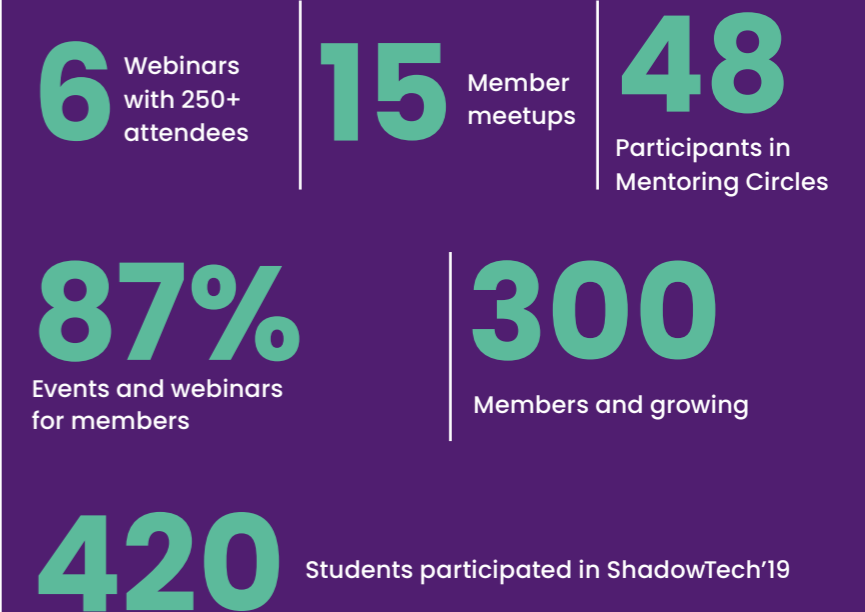


Supporting the growth of women in tech roles



Help develop policy and actions for improved diversity in the tech workplace.

OUR PROGRESS



www.techwomen.nz

Tech Alliance Events

- 6 > Conferences.
- 200+ > Member connect events & webinars.



Hi-Tech Awards 2020



Celebrating 25 years of outstanding innovation and success!

The New Zealand Hi-Tech Awards celebrate New Zealand's most successful hi-tech companies and highest achieving individuals. Winning an award is one of the technology ecosystem's most sought after accolades.

The Awards programme, administered by the independent New Zealand Hi-Tech Trust, promotes tech as a leading contributor to New Zealand's economy and export success.

"This year's finalists span the full spectrum of the hi-tech sector and the country, and the level of innovative tech products and solutions continues to astound us all. It's awesome to not only see the quality of the entries but also the diversity amongst the entrants," says Erin Wansbrough, Chair of the Hi-Tech Trust.

This year, due to the impact of COVID-19, judging was conducted remotely.

"We believe that it's critical the Hi-Tech Awards programme continues but with the restrictions on travel and gatherings in place a move to remote judging was a logical one. As with the announcement of the finalists we will lead by example as an industry and use the technology available to facilitate the final round of judging," says Erin.

Winners of this year's awards will be announced at the 2020 Hi-Tech Awards Gala Dinner on 21 August. The event will be hosted simultaneously in Auckland, Wellington and Christchurch.

www.hitech.org.nz

The 2020 New Zealand Hi-Tech Awards finalists are:

PwC Hi-Tech Company of the Year

- Crimson Education
- ezyVet
- Fingermark
- Harmony
- Serko
- Spidertracks

Coretex Hi-Tech Emerging Company of the Year

- Fuel 50
- JAVLN
- RedShield
- Taska Prosthetics
- Tradify

New Zealand Growth Capital Partners Hi-Tech Startup Company of the Year

- Dawn Aerospace
- Emergency Q
- FileInvite
- Joyous

IBM Most Inspiring Individual Award

- Jenene Crossan
- Michelle Dickinson
- Bruce Gordon
- Mitchell Pham
- Serge van Dam

Callaghan Innovation Māori Hi-Tech Company of the Year

- Emergency Q
- Kiwa Digital
- NZ Trade Group
- Plink Software

Duncan Cotterill Innovative Hi-Tech Software Solution Award

- Orbica
- PaySauce
- Raygun
- RedShield
- Rocos

Kiwibank Hi-Tech Innovative Services Award

- Beca
- Blackhawk
- Darkscope International
- Emergency Q
- Orbica

Endace Innovative Hi-Tech Hardware Product Award

- Dawn Aerospace
- IMAGR
- Manta5
- Shotover Camera Systems
- Tectonus

Paymark Best Contribution to the New Zealand Tech Sector by an Internationally Headquartered Company

- Humanitix
- IBM

NZTE Best Hi-Tech Solution for the Agritech Sector

- BBC Technologies
- Compac
- PaySauce
- Regen

Xero Hi-Tech Young Achiever

- Jamie Beaton
- Ezel Kokcu
- Michael Lovegrove
- Terry Miller
- Craig Piggott
- Stefan Powell
- Sian Simpson
- Ian White

Most Innovative Deep Tech Solution

- ArcActive
- Mint Innovation
- Tectonus

ATEED Most Innovative Hi-Tech Creative Technology Solution

- IMAGR
- Umajin
- Weta Workshop

Visa Best Hi-Tech Solution for the Public Good

- BRANZ
- Malaghan Institute
- Precision Driven Health





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