PROJECT CASE STUDIES

SWELL (2019)

The Swell Team were to address the problem of fragmented service delivery to seniors who are living in their own homes.. The team was a collaboration between the Horowhenua District Council and Electra, a trust owned company in the Horowhenua district.

The team developed Sarah, an individualised AI assessment system, that detects frailty, coordinates services, provides real-time notification of service delivery, and creates a feedback loop that validates needs. This platform will allow seniors to access the care and support they require at a time that works for them, improving their overall mental and physical wellbeing.

The team were supported by a cross-government Advisory Board who said that this system concept aligns with the research undertaken and the policies that are being implemented, like the Healthy Ageing strategy and the Better Later Life strategy. Sarah will continue to be developed by Electra over the next six months.

THINK KAKA (2019)

Team Think Kaka sought to address how we can more effectively and efficiently manage human waste on public conversation land across Aotearoa. Currently, the maintenance, transport, treatment and disposal of wastewater is one of DOCs most difficult and costly jobs.

The team developed Nature Calls, a certification tool that provides consistent site assessment criteria as well as approved inventory of wastewater solutions to match the sustainability needs of each unique place. This decision-making framework is based on the four pillars of sustainability. Nature calls has received a commitment from DOC to continue in 2020.

MANAWA (2019)

Team Manawa sought to redesign the way we measure service providers' outcomes to focus on a more holistic, community-based measurement of whānau wellbeing, with a particular focus on the Māori community. The Team was a collaboration between Te Hau Awhiowhio o Otangarei trust, Te tihi o Ruahine Whānau Ora Charitable Trust and SIA.

The team developed Te Ia Korero, a tool that allows whānau to track their own wellbeing and give direct, real-time feedback on their services. The new information is then combined with existing information to produce holistic, whānau-centred insights for service providers and agencies to to adjust, change and redesign the services they deliver. Ultimately, this information can also be used to make better decisions about how we contract in the social sector. Manawa received support from the Digital Government Partnership Innovation Fund to continue developing the prototype and a pilot in 2020 while also planning a rollout across the country region by region.

TAIWAN WATER SAVIOURS (2018)

The Taiwan Water Corporation project - Water Saviours - uses big data and machine learning technology to detect water leakages automatically, reducing water loss and improving repair times.

Since being part of the LLGovTech programme and working with Wellington Water and Palmerston North City Council, the team returned to Taiwan and have worked with over 149 district metered areas across the country and have identified 77 leaks, saving an estimated 3.5 billion litres of drinking water. The team will continue to work with more areas across Taiwan.

SPRING (2018)

Spring is a personalised, incentivised digital platform that helps kiwis in financial hardship, grow their financial wellbeing. After the LLGovTech programme, Spring became part of the Post Accelerator Support Programme at Creative HQ and received continued support from MSD, as well as matched support from the Digital Government Partnership Innovation Fund.

In the last year, the team have made various iterations of the product as a result of alpha and beta trials in the Wellington region. The learnings from the Spring trials provide the sector's best and most immediate response to online predatory lending. In December 2019 the team released the updated Spring platform to Wellington and Gisborne while also planning a nationwide release.

YOUTH VOICES (2018)

Youth Voices is about youth-centric policy engagement - getting young people to engage and give their opinions to government. After the LLGovTech programme, Youth Voices received continued support from MSD and MYD, as well as support from the Digital Government Partnership Innovation Fund.

In the last year, the team have co-designed the platform - now The Hive - with young people across the country. They have undertaken a pilot with DOC for input on the Biodiversity Strategy. The team are now looking at how to move from a prototype to an end product.