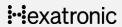




### What does "strategy" mean?







# Connectivity strategy, UFB Programme in NZ







# Layer one technology strategy in UFB







5G, Public WiFi and Security require

Data and Power

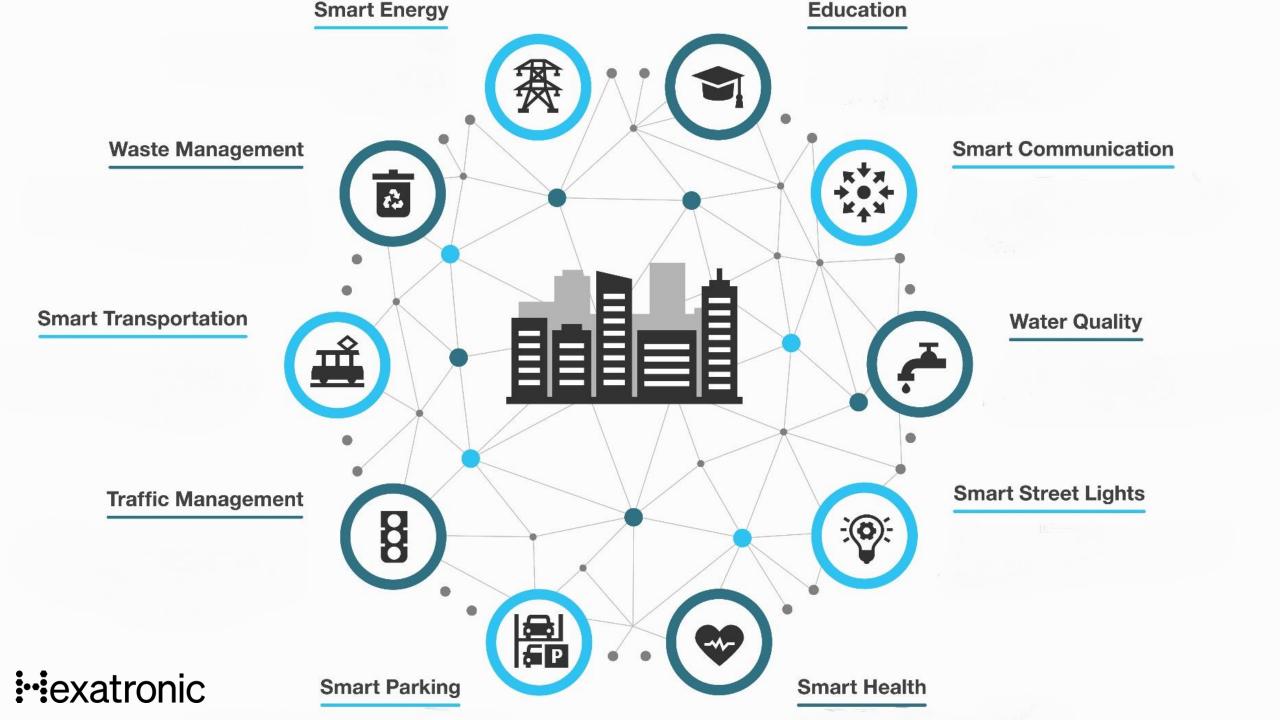














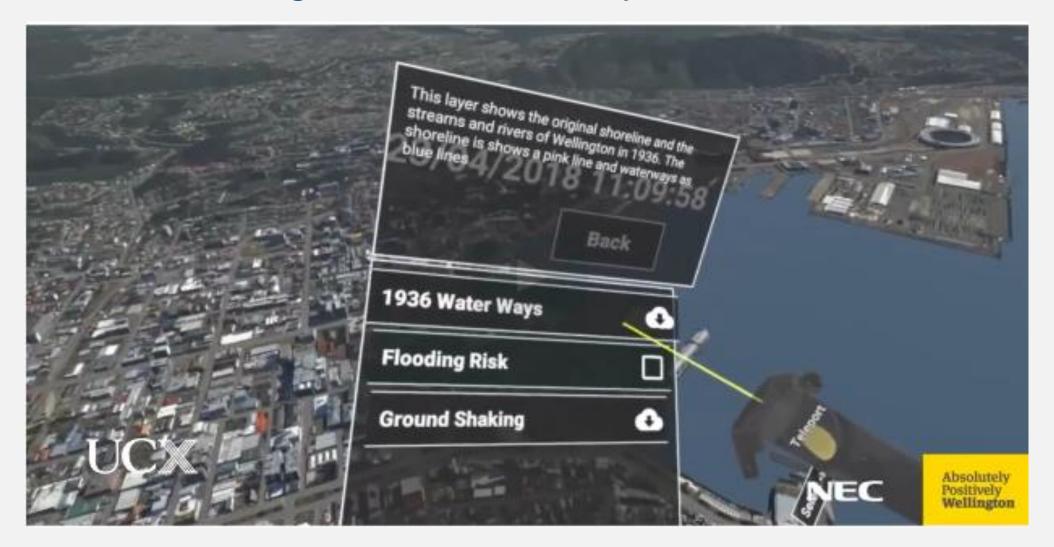
## How to achieve the goals?



With their partners Wellington City Council has implemented:

- a flexible and future-proof IoT backbone making the installation of sensors simple, inexpensive
- an inter-agency platform facilitating cooperation across the social and community agencies in the city
- machine learning and advanced analytic processing
- putting virtual reality engagement platforms in place to make that data accessible, useful and understandable
- developing our Civic Hacking communities to create new citizen-made apps, websites and services using city data.

# Climate change and Smart City

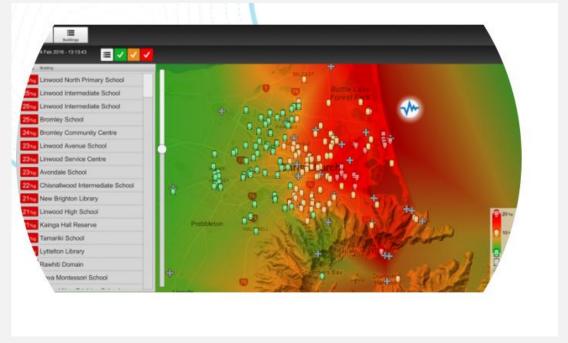


# Other smart city projects, NZ







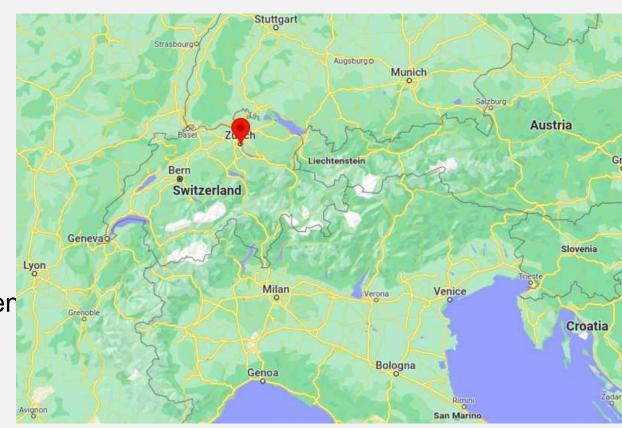


### Stadt Zürich

### **Smart Zurich Strategy**

"Good ideas are developed and implemented in a smart city"

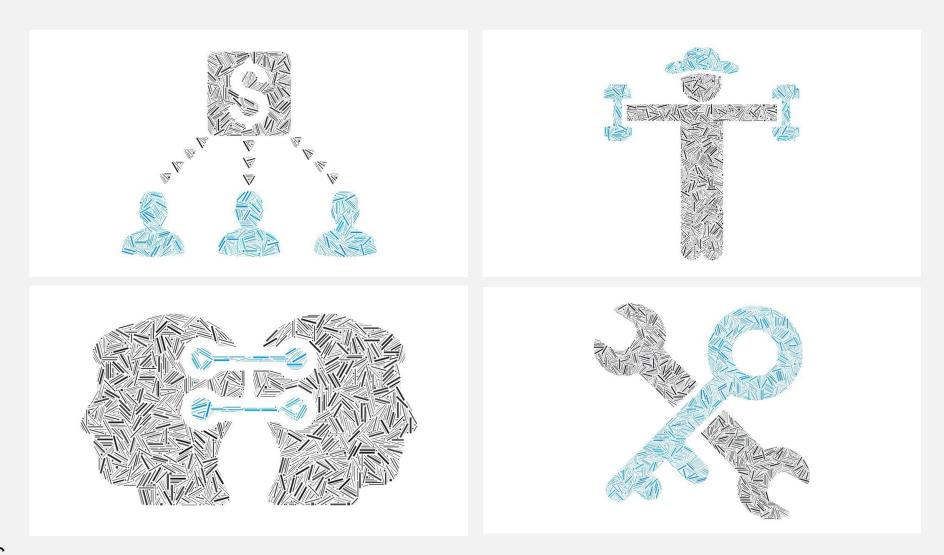
- innovation in the city administration of Zurich
- testing, learning and promoting innovative projects
- digital change is an opportunity for the city
- the aim is to maintain and further expand the high quality of life in Zurich today and in the future, to promote sustainable development and to strengther Zurich as a location for innovation and business.





### Stadt Zürich

## Smart Zurich Strategy, key focus areas







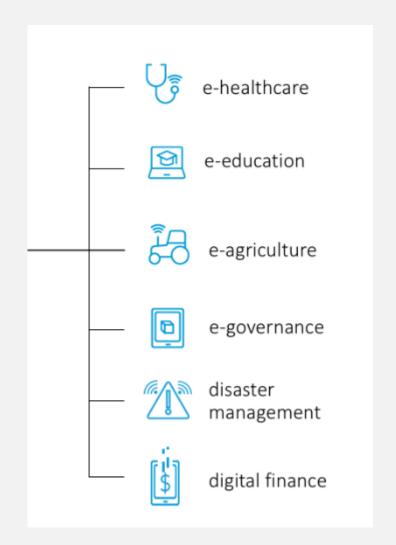






### ITU Smart Islands programme

- Smart Islands is a programme that adopts an innovative approach to deliver connectivity and scalable and sustainable services to disadvantaged island communities.
- The Smart Islands programme aims at transforming rural and coastal communities and improving their well-being and livelihood by connecting them to a range of digitally enabled services.





### European Union Smart Island Initiative



### A SMART ISLAND IS...

 the insular territory that embarks on a climate resilient pathway, combining climate change mitigation and adaptation efforts, in order to create sustainable local economic development and high quality of life for the local population by implementing smart and integrated solutions to the management of infrastructures, natural resources and the environment as a whole, supported by the use of ICT, all while promoting the use of innovative and socially inclusive governance and financing schemes.

### Smart Islands, Isles of Scilly









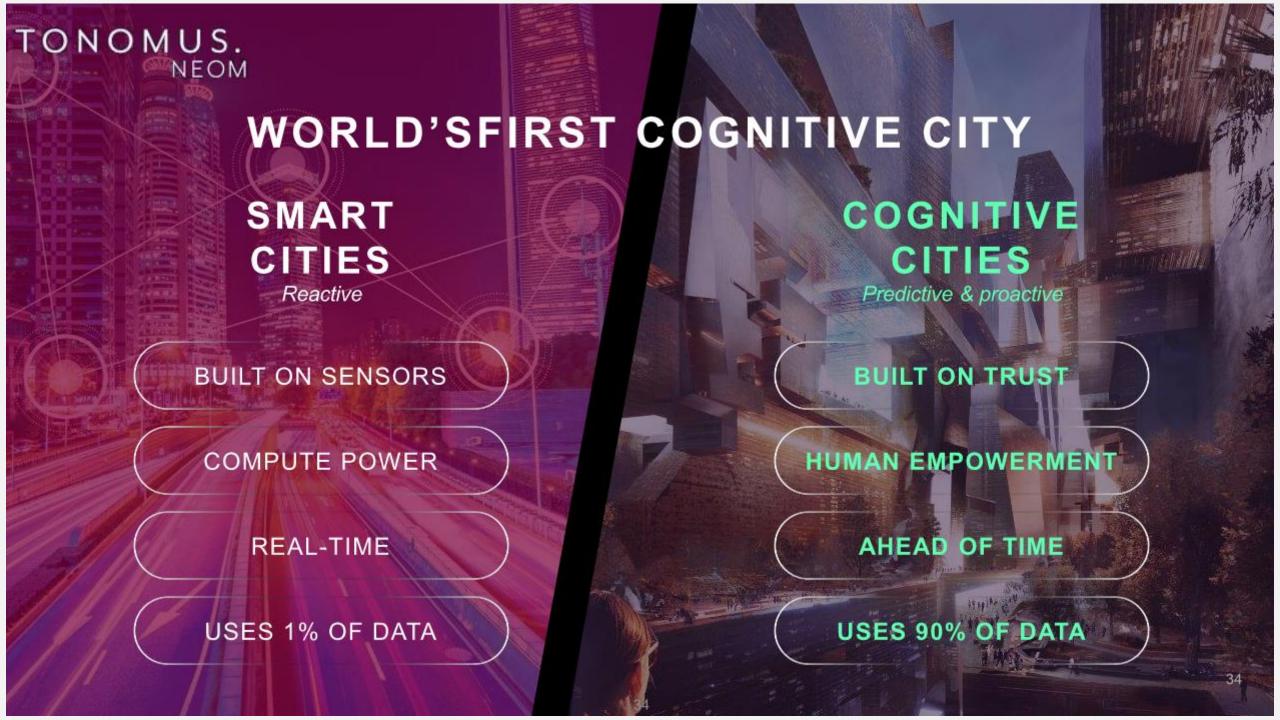
### South Malekula, A smart island of Vanuatu

### **SMART ISLANDS: NEW SOLUTION** digital app for education, affordable and reliable with curated content for connectivity and students, teachers, and electricity solution local community to improve digital literacy e-banking and e-finance application for local businessmen to save on travel and to remotely access financial services e-commerce and eonline shopping marketing support for fishermen and kava farmers to + messaging core common smart early warning system to island infrastructure service to inform market, promote, detect adverse weather about market enabling connectivity, and sell their product conditions news and prices data storage, secure access, application management, etc



# Digital FSM Project

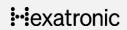




# The Foundation of all smarts































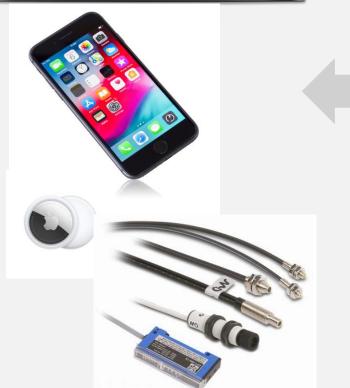






















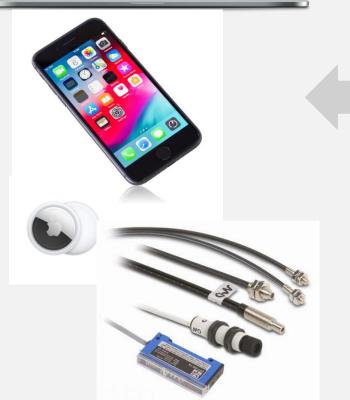


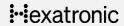






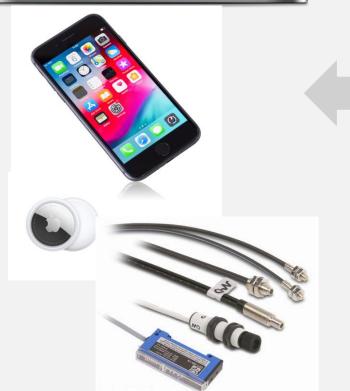








# WebApp for Mac

















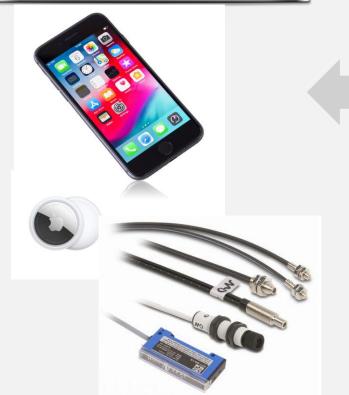


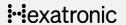






# WebApp for Mac





### CONNECTIVITY







Submarine cable









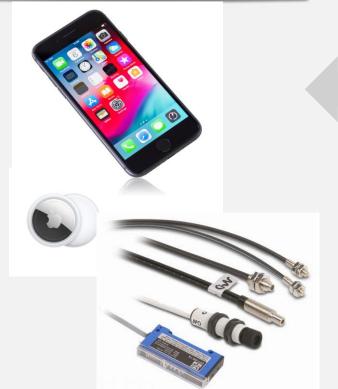








# WebApp for Mac



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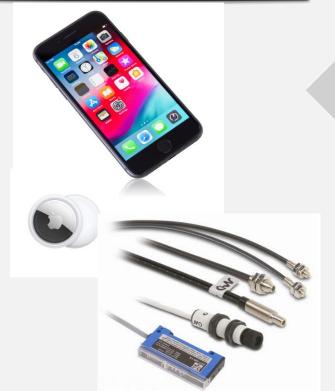










































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# DRS Project in Auckland









DRS Project in Auckland



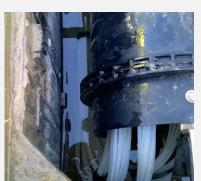






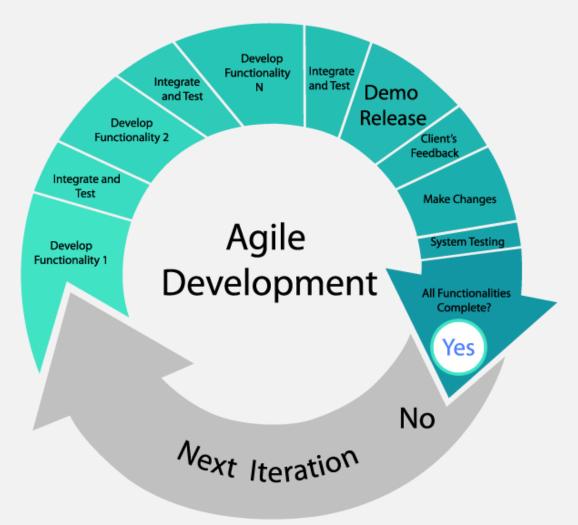
### How well prepared were we? How well prepared are we?







### Agility and resilience





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A lasting link to the future.