



INNOVATION IS FOR EVERYONE

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TRANSPower

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POWERING NEW ZEALAND TODAY + TOMORROW

INNOVATION

What do you picture when you hear innovation?

- New technology
- New ways to do things
- Better outcomes e.g. carbon zero
- Faster, easier, cheaper (?maybe) - makes your life easier



This sounds FUN! But how do you realise the value offered by your innovative idea?

- How do you turn it from a trial or proof of concept into BAU?
- How do you get others to support and use your great idea?
- Without this you just have a great idea



CHANGE MANAGEMENT





- Requires you to be proactive, passionate and persistent
- What is the WHY?
- Build a coalition of supporters to help you
- How do you actually get people to change?

Change management is a really important, but often overlooked part of innovation. It requires a different set of skills than the ones you used to develop your great idea in the first place.



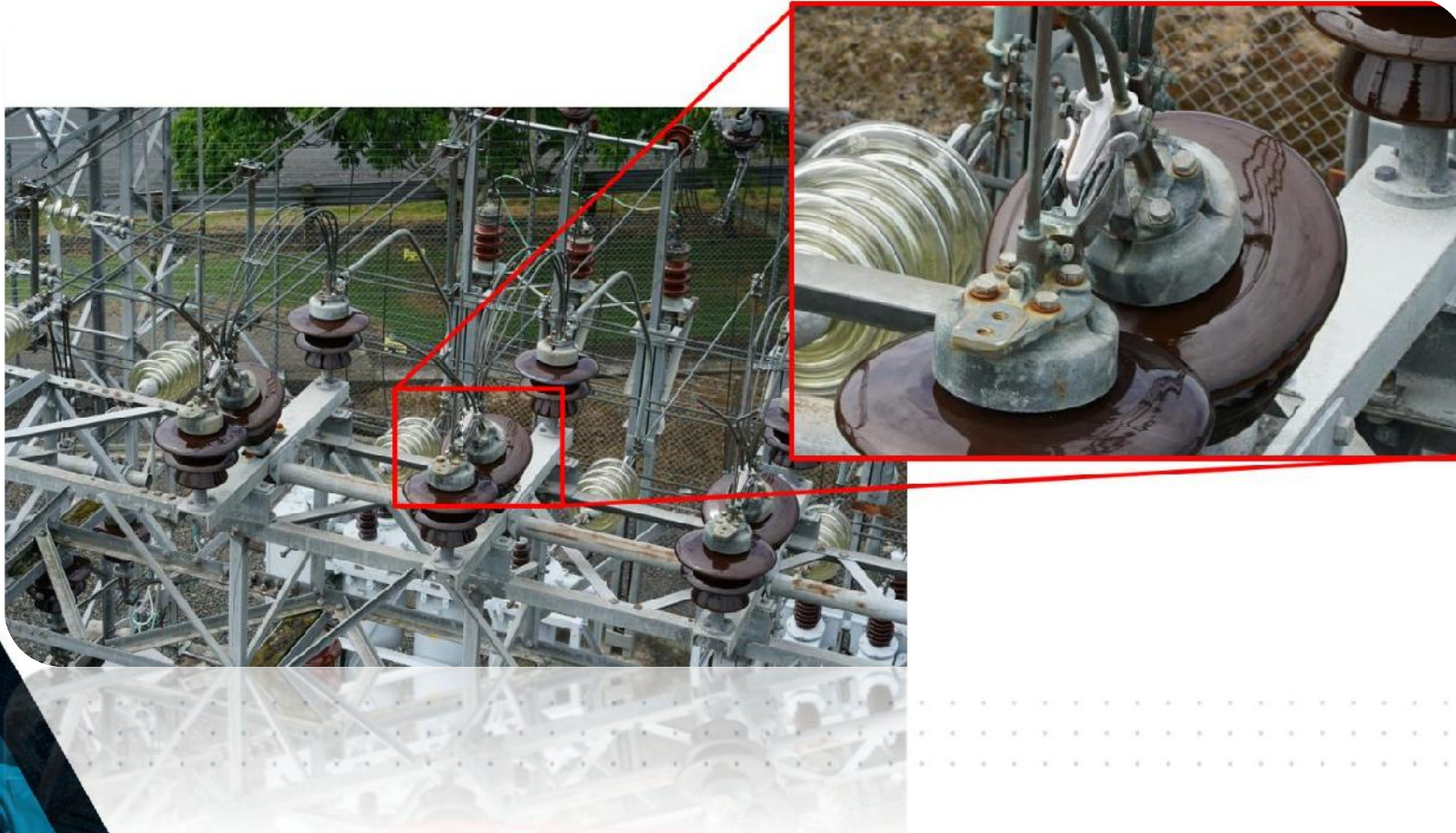
DRONES – A STORY

- Transpower has been trialling the use of drones for certain activities for a long time ~ 6 years.
- Technology changed a lot during this time

Altus ORC2	DJI Matrice 600Pro	DJI Inspire 1	DJI Spark
			
<p>Application: conductor inspections (current)</p> <p>Size: L:1500mm,1800mm rotor dia. Weight: 10.6kg Max. payload: 4.6kg Endurance: ~45-70 minutes</p>	<p>Application: conductor inspections, iteration 2</p> <p>Size: 1668x518x727 mm Weight: 9.5kg Max. payload: 6kg Endurance: ~16-38 minutes</p>	<p>Application: conductor inspections, iteration 1</p> <p>Size: 437x302x453 mm Weight: 2.8kg Max. payload: 0.7kg Endurance: <18 minutes</p>	<p>Application: substation inspections, iteration 1</p> <p>Size: 143x143x55 mm Weight: 0.3kg Max. payload: N/A Endurance: <16 minutes</p>



DRONES- A STORY







BUT.....

- We don't have enough qualified drone pilots
- What data quality is required?
- Where will we store the photos? How will we know which photos to keep?
- How do we bring new ideas to fruition, how do we trial our ideas with Service Providers?
- Means we aren't realising the value that drones offer us because the business processes to back up the innovation aren't there.



INTRODUCING THE DIGITAL VISUAL DATA CAPTURE (DVDC) PROGRAMME

Delivering Innovation Value: 12 – 18 months to implement change within business process



But what actually will make this programme successful?

- What is the WHY?
- Bringing others along to understand the change
- Changes to existing data collection methods
- Utilising already well embedded and well functioning business processes



CHANGE MANAGEMENT IS CRITICAL!

HOW DO YOU GET OTHERS TO LISTEN AND ENGAGE WITH YOU?

- Bring them into the conversation about “*What if*”
- Try Appreciative Inquiry rather than ‘problem solving’
- Focuses on “*What’s right, what’s working well, and how to work toward a desired vision*”

