



**transport  
ingenuity**  
celebrating 100 years



**IPENZ**  
TRANSPORTATION GROUP



**3M**

Shed 6, Queens Wharf,  
Wellington  
23 – 26 March 2014

[ipenztg2014.co.nz](http://ipenztg2014.co.nz)



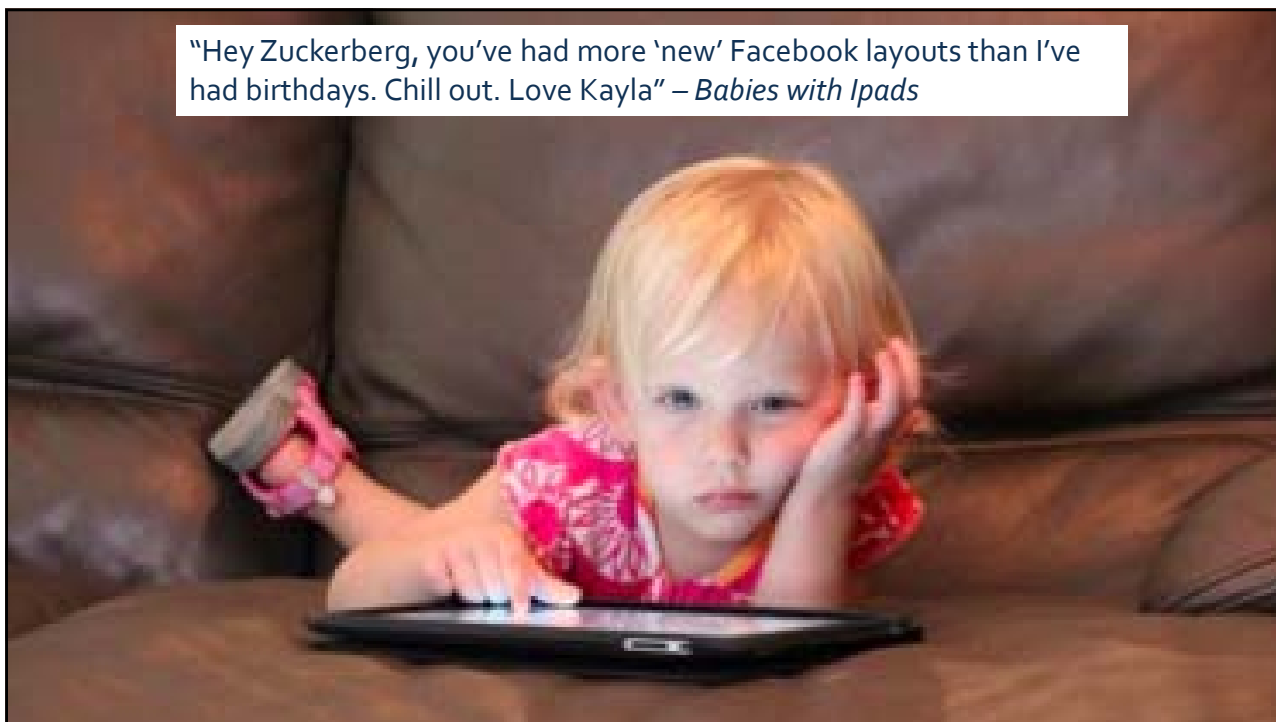
1914  
-  
2014  
100 YEARS OF  
NEW ZEALAND'S  
INDEPENDENCE

## Courageous Changemaking

*The aftermath of the now internationally acclaimed Student Volunteer Army  
Sam Johnson – 2012 Young New Zealander of the year*

**DREAM IT  
PLAN IT  
DO IT** @SamJohnsonSVA

"Hey Zuckerberg, you've had more 'new' Facebook layouts than I've had birthdays. Chill out. Love Kayla" – *Babies with Ipads*



Young people in New Zealand?

“One of the biggest challenges we have is to chart the changing attitudes, values and prospects of the young – those who will feel the impact of the myopic choices made yesterday, and whose ingenuity and resilience will be tested tomorrow.”

- Professor Tim Jackson

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**PLAN IT**  
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**Disasters will hit more people, in more places, much more often!**

“An expert is someone is who has made every possible mistake in a narrow field of work.”

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### Key driving forces for the SVA:

- + **University halls** create strong networks, University clubs extend these networks and cross pollinate skills. Individual links to Community Boards and local government were crucial, though sometimes for the wrong reasons.
- + The **media** were a driving force of mobilisation; communication was clear.
- + **Responsibility was shared**. Civil Defence supported us, Councillors supported us. Mayor supported us. We were prepared to be wrong and always collaborative
- + Linking with **farmers** who have practical experience and equipment

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PLAN IT  
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### Areas of difficulty

- + Understanding which department/group is responsible for what area of work
- + BAU v Disaster time
- + Egos, the power-hungry and crazy people
- + Data processing and access to information
- + Misconception of role (volunteers, not free labourers)



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### To improve:

- + Access to information
- + Knowledge of own community assets, access to public spaces
- + 'Permission' to lead
- + Role for young people outside of shovelling silt
- + Planning for spontaneous volunteers.



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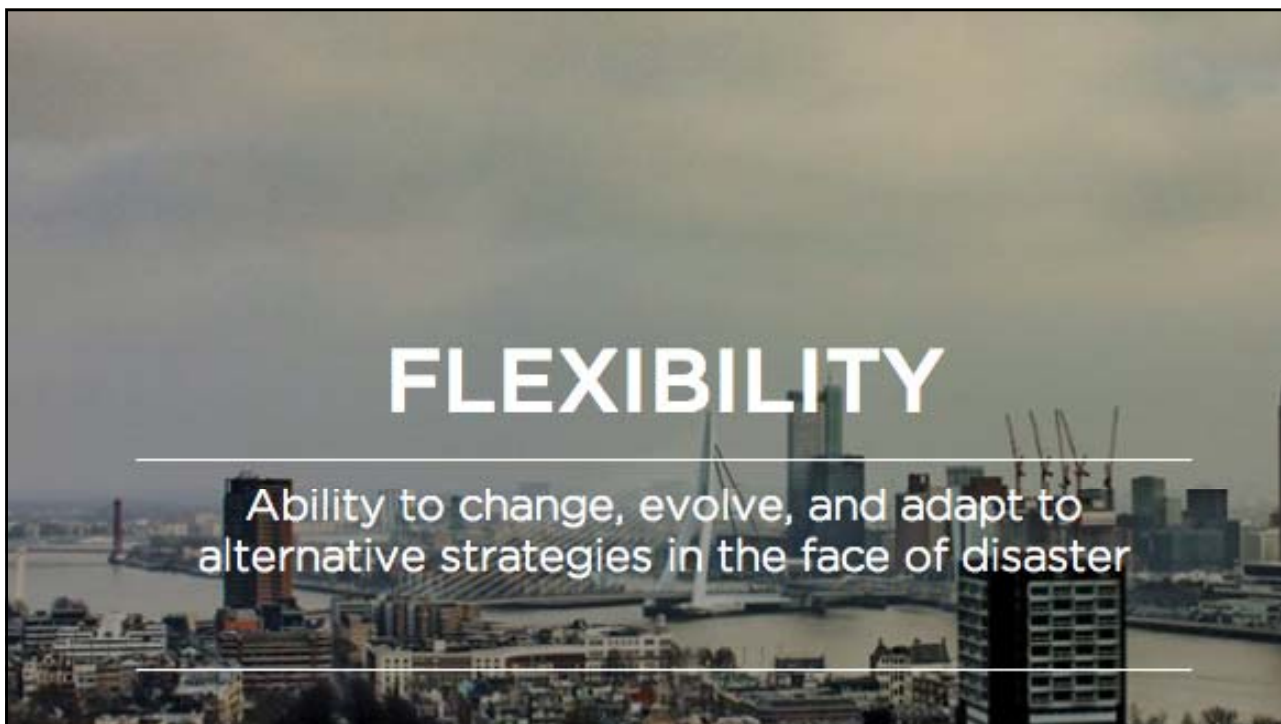


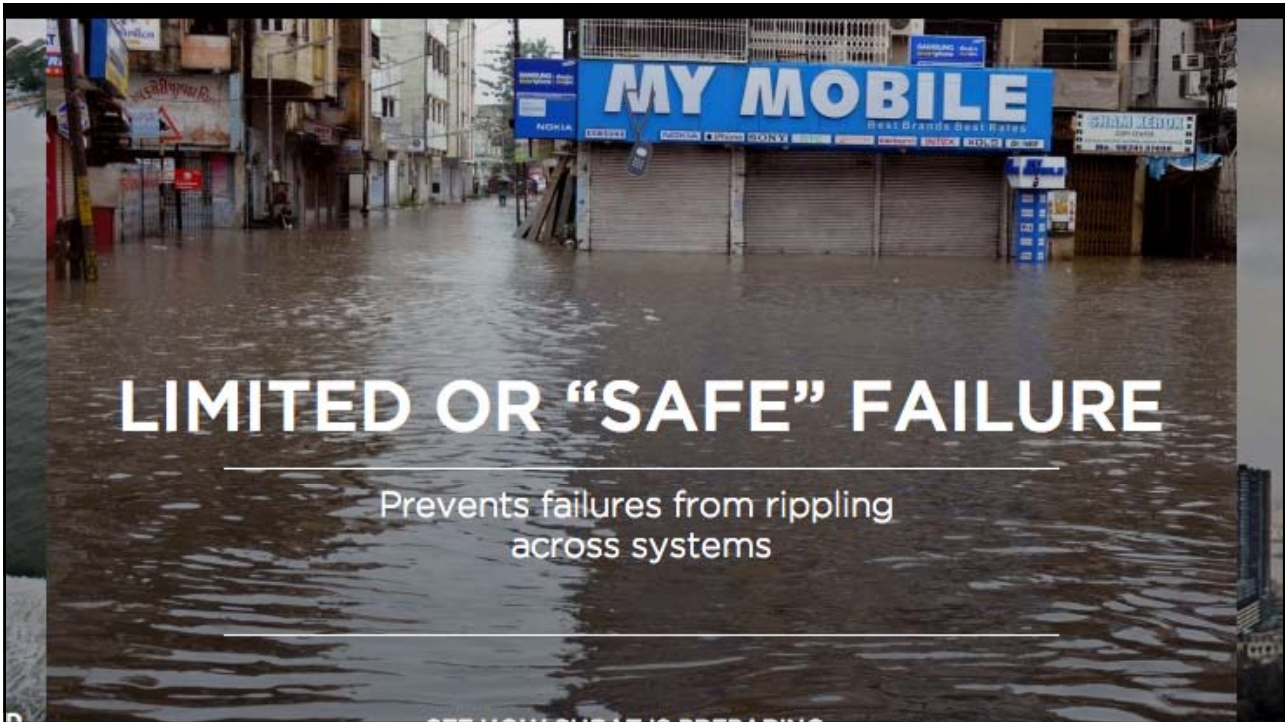




***"I'm not young enough to know everything anymore"  
– Oscar Wilde***







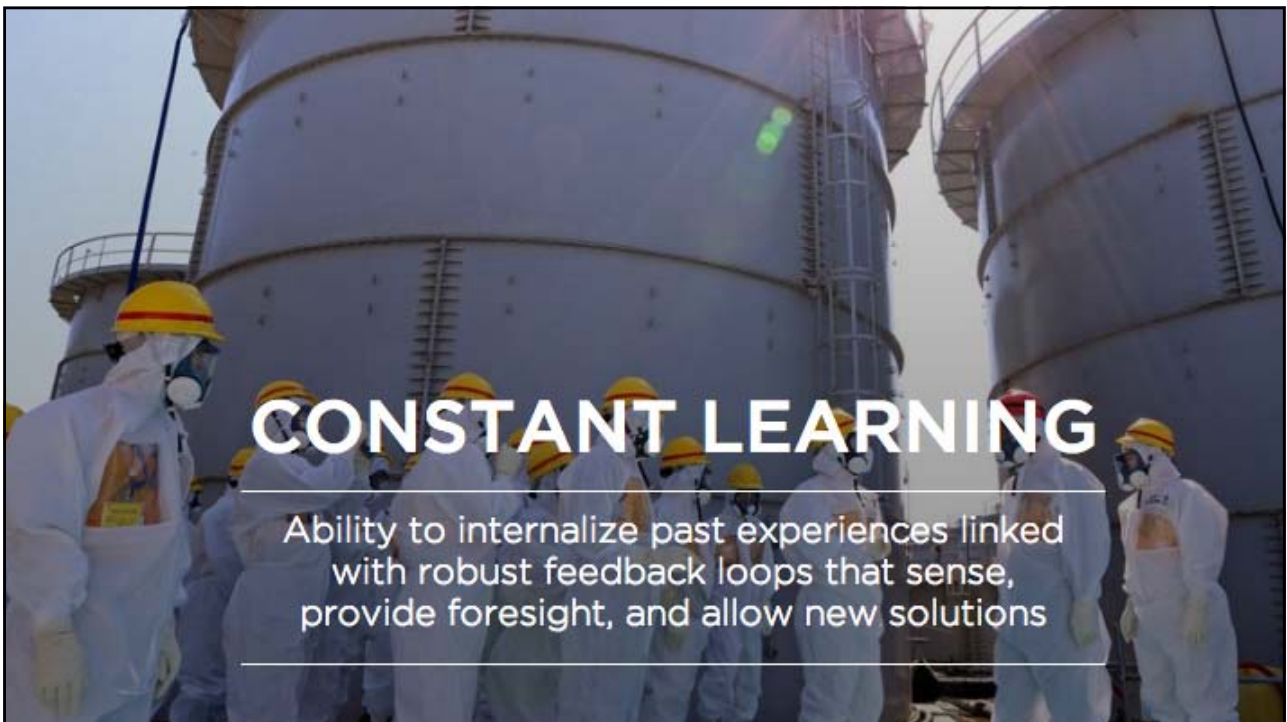
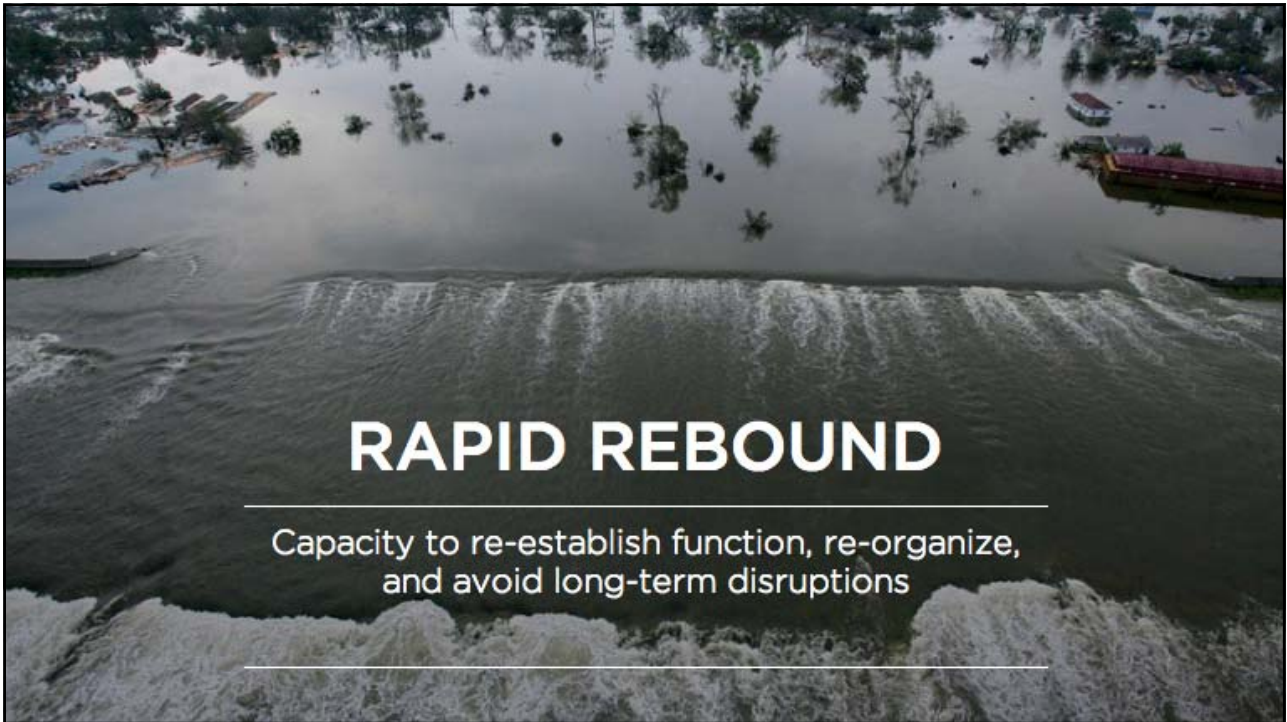
## LIMITED OR "SAFE" FAILURE

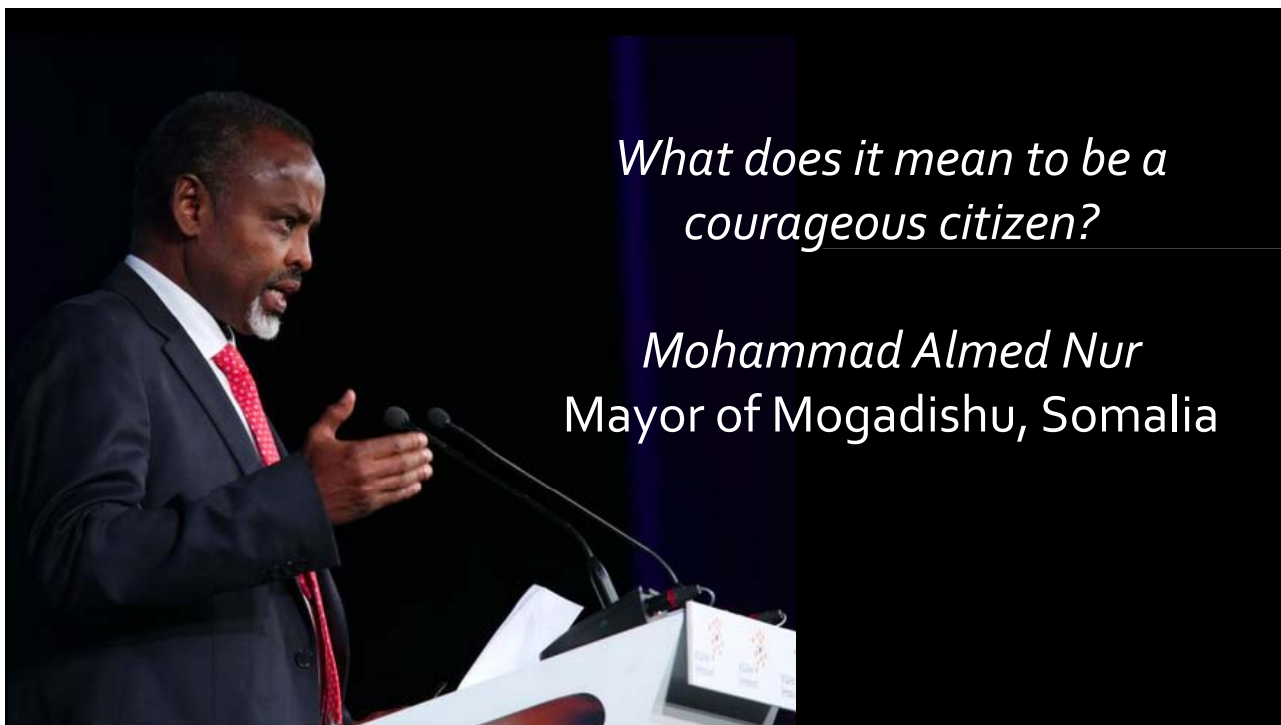
Prevents failures from rippling  
across systems



## SPARE CAPACITY

Ensures that there is a back-up  
or alternative available when a vital  
component of a system fails





*What does it mean to be a  
courageous citizen?*

*Mohammad Almed Nur  
Mayor of Mogadishu, Somalia*

