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Sent: Tuesday, 17 December 2019 4:34 PM
To: Hocking, Lynley (DPaC) <Lynley.Hocking@dpac.tas.gov.au>
Subject: Draft State Disaster Resilience Strategy

Dear Lynley,

Further to our recent discussion, I advise that I was very fortunate to attend the Global Platform for Disaster Risk Reduction held in Geneva, Switzerland from 13th to 17th May 2019.

I have attached a summary of my top three "take aways" from the conference and these detailed below. I have attached some of the notes that I took at the conference which may be of assistance in developing the State Disaster Resilience Strategy.

Six outcomes from discussion on Sendai Framework

- Political strong leadership
- Need to strengthen resources to local authorities
- Common understanding of risk
- Strengthen co-operation at all level of Government
Strengthen dialogue between Local and National Governments
- Achieve commitments – financing
- At risk and resilience is about achieving the lives of people – building resilience is everybody's business

Interesting Facts – State of Gira, India

- August 2018 floods:
 - 453 lives lost
 - 280,000 houses lost
 - 70,000 kilometres of roads damaged
 - **Repair bill - 4.5 billion US dollars**
- The youth played an important role – IT connected communities
- NGO's played a key role in rescue efforts

Interesting Facts – Japan March 2011 Earthquake

A similar earthquake in 869

- 120,000 buildings destroyed
- 15,894 deaths
- Direct damage \$200 billion dollar
- Destroyed 3 storey buildings where people had gathered for safety

Interesting Facts – Japan

- 63 billion US dollars to increase the resilience of infrastructure
- Government is not good at addressing the individual needs
- Rely on NGO's – need to co-ordinate response to assist vulnerable people
260 NGO's meet regularly to co-ordinate activities. Through NGO's Government can hear of community problems. They need to be strong advocates for their communities.
- Leave no one behind – should also be leave no one alone as a concept
- People's networks are getting weaker
Recent flood – 51 elderly people found dead in their homes – did not respond to early warning systems
- People do not respond to needs as they believe they can cope by themselves
Planning from bottom up, addressing their needs – good planning, involvement of the people
- Japan has trained 70,000 Disaster Risk Reduction Officers

Interesting Facts – Lords Prayer – Netherlands

Give us once in a while a good flood to remind people – as they get complacent

Coloured Infrastructure

- Grey, green and blue infrastructure:
Grey infrastructure to protect villages and road, green infrastructure for other areas – Philippines Mangroves
- Switzerland – moving towards green infrastructure – last 150 years spent \$40b – costs \$400m each year - \$300m to maintain and \$100m to upgrade. Now spending \$200m a year on forests, clean watercourses.

Flood Resilience Alliance

- 732 million people affected by floods last 10 years
- \$1 invested in flood mitigation can save \$5
- Currently spend 13% of flood funds on mitigation. 87% responding to events – want to turn on head.

I look forward to finalisation of the Disaster Risk Resilience Strategy, noting that Local Government and communities play a significant role in developing resilience, however there is a need for this to be supported by funding and resources at the State and National levels.

Regards,

Gerald Monson

GENERAL MANAGER



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