Re-building post Rio and the role of social innovation

University of Wollongong
SINet Discussion Panel, August 13
Primary objectives

- Reaffirming commitments and global goal of sustainability
- Establishment of Sustainable Development Goals
- High Level Forum/Ombudsman for Future Generations
  - Jobs
  - Energy
  - Cities
  - Food
  - Water
  - Oceans
  - Disasters
Commitments made

**Number of Commitments by Region**
- **166** Worldwide
  - 5 North America
  - 7 Europe
  - 18 Asia
  - 16 Latin America and the Caribbean
  - 5 Oceania

**Number of Commitments by Category (%)**
- Energy: 58%
- Water: 17%
- Cities: 10%
- Oceans: 5%
- Food: 4%
- Jobs: 4%
- Disasters: 1%

**Investment by Category (USD$)**
- Cities: $775,122,594,000
- Energy: $77,488,000,000
- Food: $235,000,000
- Water: $140,000
- Oceans: $33,000
- Disasters: $55,000
- Jobs: $8
Progression over time

From Youth to Old Age: What Kills Organizations

High Competency

Leadership

Low Competency

Management

High Competency
Common time traps

- Environmental inertia
- Infrastructure upgrade
- Changing human behaviour
- Economic expectations
- Price expectations
Cycle of apathy

THE HYDRO-ILLOGICAL CYCLE

- Drought
- Apathy
- Rain
- Concern
- Panic
- Awareness
Factors of Disasters

- Hazard: Keep Off
- Emergency Reaction: Appropriate
- Social Background: Strong
Phases of Disasters

- PREDISASTER
  - Threat
  - Warning

- HEROIC (COMMUNITY COHESION)
  - Impact
  - Inventory

- HONEymoon

- DISILLUSIONMENT (COMING TO TERMS)
  - Working Through Grief

- RECONSTRUCTION A NEW BEGINNING
  - Trigger Events and Anniversary Reactions
Disasters in Australia
Examples of innovation
Progression over time

**Events**

- **January 2011** - Flood, Brisbane
- **November 2010** - Queensland Floods 2010/11
- **May 2009** - Flood
- **March 2009** - East Coast Low
- **February 2009** - East Coast Low
- **November 2008** - Flood
- **July 2008** - East Coast Low
- **August 2007** - Flood
- **August 2007** - East Coast Low
- **March 2007** - Thunderstorm

**Population**

- Line graph showing population over time from 1875 to 2015.

**Disaster Timeline**

- Chart displaying disasters categorized by type: Flood, Cyclone, Bushfire, Storm Surge, Severe Storm.

**Climate Trends**

- Graph showing historical rainfall and temperature trends from 1850 to 2009.
- Future projections for rainfall and temperature.

- The graph shows historical annual rainfall (vertical bars) estimated for your location based on surrounding climate stations. The solid trend line shows the 30-year mean rainfall centered on each year. This 30-year trend-line has been projected into the future (dotted lines) using global climate models assuming a high future greenhouse gas emissions scenario. More...
Progression over time

How ready are you?
Click on the bubbles to read resilience tips and mark your readiness level.

Are you ready?
Get your kits...

- Harden Up
  Prepare your home, family and community for severe weather events.
  - Create a plan now
  - Evacuation Kit
    Need to evacuate your home or property.
    - Get your evacuation kit
  - Emergency Kit
    Staying in your home if there is an extreme weather event? Be prepared.
    - Get your emergency kit

0% complete

Click on the bubbles and mark your progress on your plan...

Progress: Your home 0 / 15, Your family 0 / 20, Your community 0 / 12
Green Cross Australia projects

- Harden Up - Protecting QLD
- Build It Back Green
- Green Lane Diary
- Witness King Tides
- Future Sparks
- Extreme Weather Heroes

AWARENESS: 32,723 people have visited the site and accessed 99,563 pages of content.
Head vs Heart

SEE
FEEL
CHANGE
Youth at Rio
THANK YOU!

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