



NPSTC Meeting

9 March

Orlando

- CDMPS has completed its 3 Year Review
- A CDMPS 2014 – 2017 Report has been produced
- A new CDMPS research strategy has been launched



Towards CDMPS 2025 and Beyond



2025 & BEYOND



World-class interdisciplinary research & innovation to improve the whole-system response & resilience of infrastructure, institutions & communities against extreme events and critical incidents, and advance the UN sustainable development goals

By 2018

Base level funding secured & future funding planned

Strategic plan being implemented

New governance & management plan in place

Enhanced communications & marketing plan being implemented

Priority research agenda developed

Education & recruitment program developed

Number & diversity of UoM faculty/discipline participation

Amount/level & diversity of funding and support (from UoM and external sources)

Number & diversity of collaboration & partnerships

Number & diversity of training programs & graduates

Satisfaction levels of partners, "alumni" & other stakeholders

Number & diversity of awards or recognitions & publications

Media mentions & metrics

Towards 2025

Valued & supported:

- within UoM
- by external stakeholders

Recognised to be making an impact or difference in its:

- RD&D, and
- education and training programs

Establish appropriate governance & management

Identify grand challenges and focus areas in DRRM and PS

Strengthen high-impact inter- & trans-disciplinary RD&D Program

Establish effective & diverse education & training program

Develop multi-modal engagement & communication plan

Research Priority Areas



1. Understanding and Mitigating Extreme Events and Critical Incidents



2. Enabling Technology, Informatics and Analytics



3. Improving Whole-Life Infrastructure System Performance and Resilience



4. Strengthening Organisational, Institutional and Community Resilience



5. Enhancing Policy and Decision Making

CDMPS Engagement and Collaboration



- **NPSTC-CDMPS**
- MOU executed March 2015
- Internet of Public Safety Things



www.arcia.org.au

Australian Radio Industry Communications Association



- **P25 Steering Committee**
- **P25 Technology Interest Group**



- **Research Roadmapping**
- Location Based Services
- Data Analytics
- User Interface/Experience



CommsConnect Conference Organiser



- **Conference participation**
- Emergency Services Network
- Public safety apps
- NG999
- eCall



Centre for Spatial Data Infrastructure and Land Administration



- **Conference participation**
- NG911
- P25



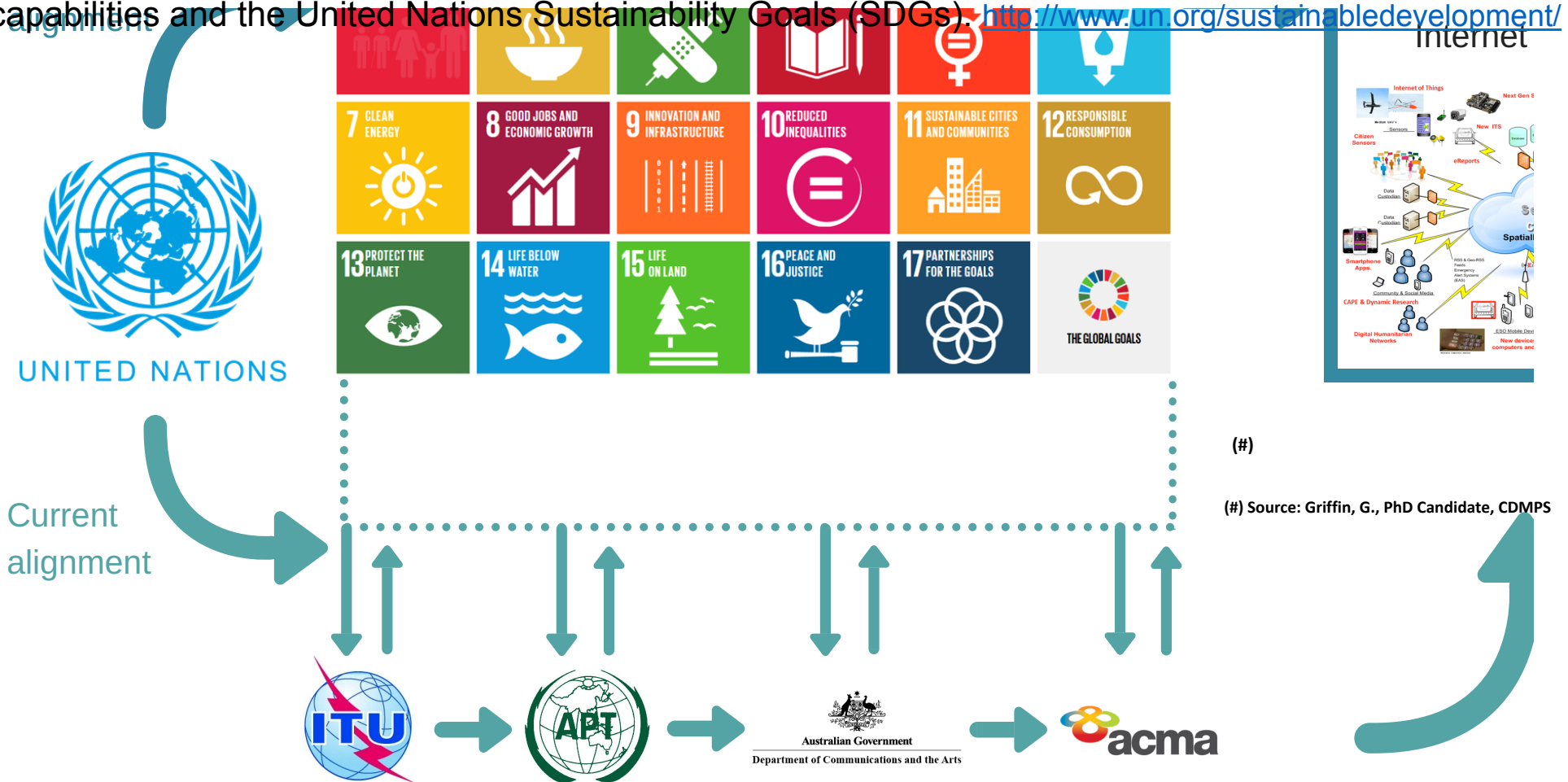
- **Connected vehicles**



UNITED NATIONS

United Nations Sustainable Development Goals: How will they influence critical communications?

The movement of mission critical public safety communications into mainstream ICT through PSMB Project Next Generation Emergency Call Services will enable the investigation of the relationship between these new capabilities and the United Nations Sustainability Goals (SDGs). <http://www.un.org/sustainabledevelopment/>



The University of Melbourne CDMPs has commenced initial research into this relationship.

International Performance Measurement and Monitoring Against UN SDGs



The International Telecommunications Union (ITU) as special purpose agency of the United Nations is participating in the UN SDGs by proposing indicators related to the contribution of ICT (including use of mobile phone networks and the internet) towards achieving the SDGs by 2030.

<https://www.itu.int/en/ITU-D/Statistics/Pages/intlcoop/sdgs/default.aspx>

Quixoticity <https://www.quixoticity.com/>

The number of PSMB Projects now under way internationally offers the opportunity to compare the different approaches being taken to providing a PSMB capability. One such approach has been the publication of an index by Quixoticity launched at the CommsConnect Conference in Melbourne in November 2017.

This Index aims at identifying and promoting best practice in the world of public safety and critical communications and also references the United Nations Sustainable Development Goals (SDGs).

Thank you for your attention

<http://research.unimelb.edu.au/cdmeps>

geoff.spring@unimelb.edu.au

Ph: +61 411 130 184

