

# PACE-NET Plus Platform of bi-regional policy dialogue Brussels, 23-24 June 2016

CLIMATE CHANGE & NATURAL RESOURCES

## Community resilience, water & waste management



Ian White, Katherine Daniell ANU  
& the Bremen Think Tank Team

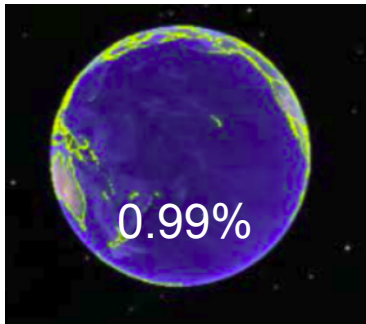
# Presentation Outline

## Enhancing community resilience: managing environment, water and wastes under a changing climate

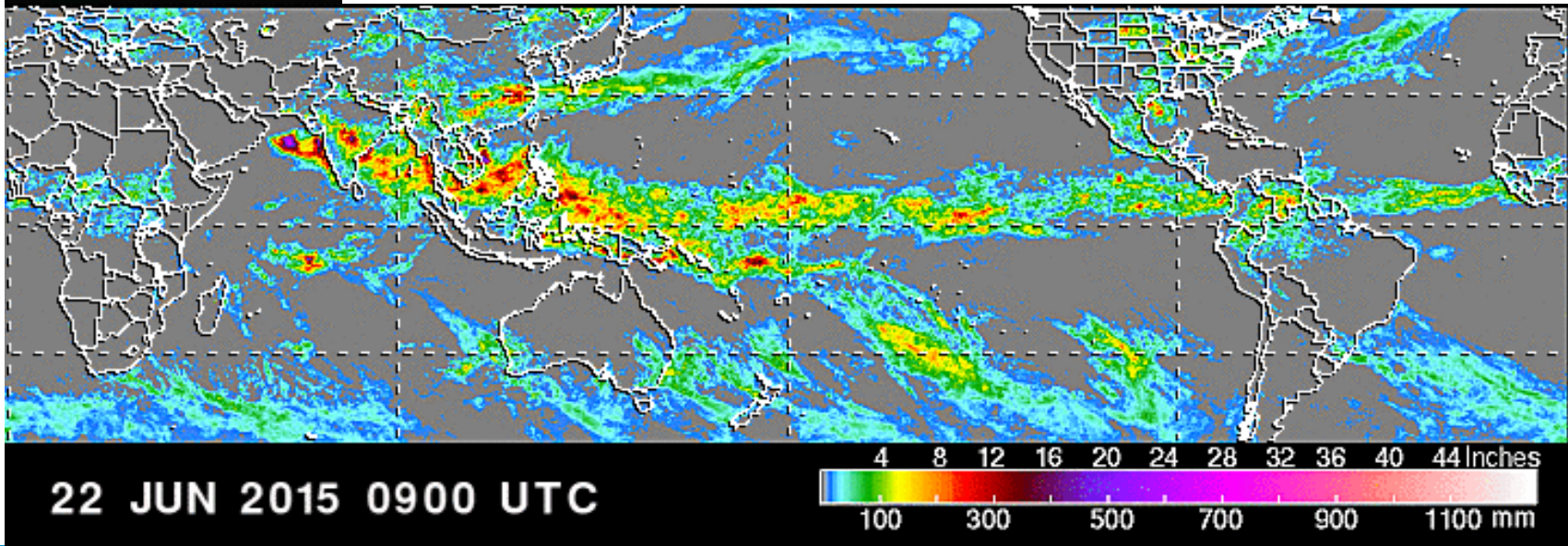
1. Thematic background and scope
2. Think tank vision and objectives
3. Priority areas
4. Recommendations to policy-makers (EU/Pacific)
5. Proposed actions/initiatives



# 1. Climate and the Pacific

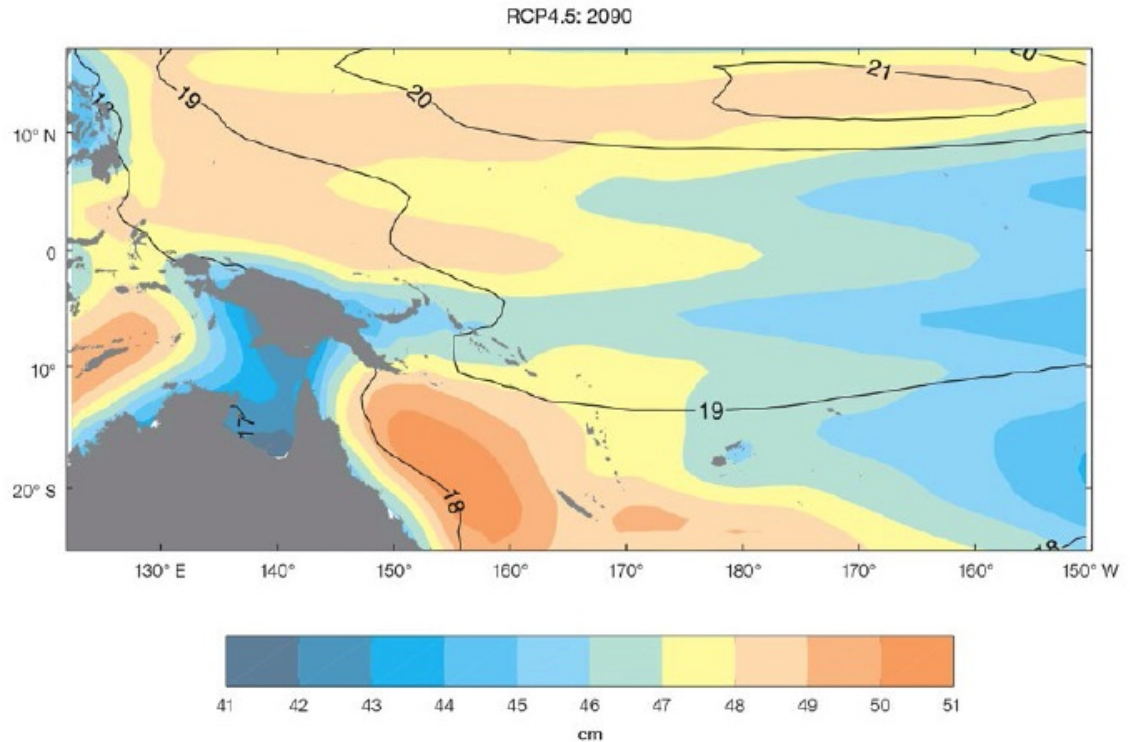


- Vast, Globally Important
- Diverse & Different
- Complex





# 1. Climate change and Pacific



Projected Sea Level Rise 2090 (BoM & CSIRO 2014)



# 1. Pacific challenges

- **Climate change and sea-level rise**
- **Safe and adequate freshwater resources:**
- **Waste management**
- **Absence of regional STI Policy framework**



**Outcome UN General Assembly**

**Third International Conference on Small Island Developing States**

**Apia, Samoa 1-4 September 2014**

# 1. Think tank scope

- Explore:
  - **knowledge** necessary to develop **community resilience**
  - **policies** and **practices** required for mitigation and adaptation to changing climates
- Specific areas of resilience management:
  - **Environment and environmental change**
  - **Water**
  - **Waste**



## 2. Vision

- Sustainable development the Pacific way



building resilient, self-reliant, healthy  
communities

2014 Framework for Regionalisation

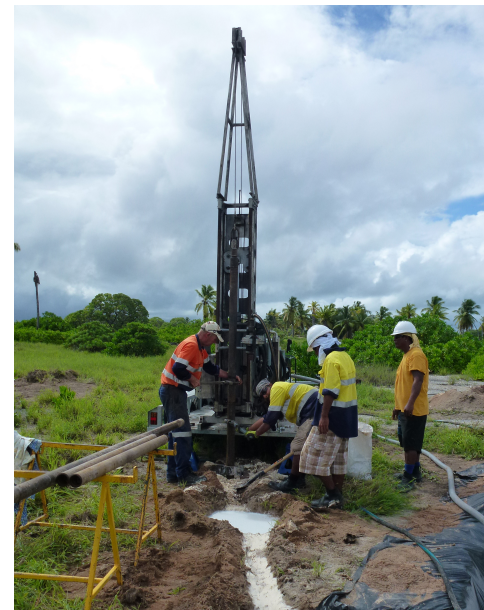




## 2. Objectives

### Objectives:

- address **water and food** security
- improve **management of resources and governance**
- **maintain and develop resilient** Pacific livelihoods
- increase **effectiveness** of donor programs
- promote the **importance of the Pacific**



### 3. Priority Areas

Waste, water,  
sanitation and  
water-borne  
diseases

Climate  
change  
adaptation  
and mitigation  
technologies  
and  
processes

Data  
acquisition  
and linked  
research

Sustainable  
development  
and enhancing  
community  
resilience

Education,  
training,  
capacity  
building and  
awareness  
raising

Governance  
processes:  
resource  
management  
and equity

## 4. Policy recommendations

Recognise the importance of:

- Pacific ocean as a **major driver of global climate**
- Maintaining **biological and cultural diversity**
- Building **community involvement** in STI development
- **Baseline data** for decision-making
- **Regional organisations**





## 4. Policy recommendations

- Develop Pacific protocols and capacity for **data management, access and sharing**,
- Use project **pre-financing and seed-funding** to develop **long-term STI project partnerships**
- Base **development investments on research**
- **Partner STI policy development**

## 4. Policy recommendations

- Use **Pilot projects** to initiate collaborative projects
- Develop policy that maintains **equity and community sharing**
- Develop **supporting policies** for climate initiatives (e.g. payments for ecosystem services)
- Increase investment in Pacific STI relevant to **global climate change, biodiversity and food security**

## 5. Proposed actions and initiatives

- 9 Activities were proposed



17 Seed funding  
proposals from Pacific &  
European Partners



## Thank you from the project team



*Tenkyu tru (PNG)*

*Kia ora (Maori)*

*Vinaka Vaka Levu (Fiji)*

*Mauruuru (Tahiti)*

*Tankyou tu mas (Vanuatu)*

*Tubwa kor (Nauru)*

*Fa'afetai télé lave (Samoa)*

*Tubwa Kor (Nauru)*

*Ko'rabwa (Kiribati)*

*N'de me braweao (Paici-NC)*

*Malo 'aupito (Tonga)*

*Merci Beaucoup, ... ,*

*Thanks mate*



### Project partners

