



## **Pacific-Europe Network for Science, Technology and Innovation**

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# Pacific-Europe Network for Science, Technology and Innovation

## From FP7 to Horizon 2020: EU objectives

- Excellence and attractiveness in ST&I
- Economic – industrial competitiveness
- Addressing **societal challenges**
- Supporting the Union's external policies

**PACE-NET Plus = INCO-NET / International cooperation network**

- Broad partnership of 16 members
- Coordinated by IRD (France and NC)
- 3 year project (Sep. 2013-Aug. 2016)



<b>University of Papua New Guinea</b>	UPNG	<b>Pap. New Guinea</b>
<b>National University of Samoa</b>	NUS	<b>Samoa</b>
<b>Vanuatu Cultural Centre</b>	VKS	<b>Vanuatu</b>
<b>Australian National University</b>	ANU	<b>Australia</b>
<b>Montroix Pty Ltd</b>	MPL	<b>Australia</b>
<b>LandCare Research New Zealand Ltd</b>	LCR	<b>New Zealand</b>
<b>CNRT Nickel &amp; its environment</b>	CNRT	<b>New Caledonia</b>
<b>Institut Louis Malardé</b>	ILM	<b>French Polynesia</b>
<b>University of the South Pacific</b>	USP	<b>(Fiji)</b>
<b>Secretariat of the Pacific Community</b>	SPC	<b>(New Caledonia)</b>
<b>United Nations Industrial Development Organization</b>	UNIDO	<b>(Austria)</b>
<b>Technical Centre for Agricultural and Rural Cooperation</b>	CTA	<b>(Netherlands)</b>
<b>Association of Commonwealth Universities</b>	ACU	<b>United-Kingdom</b>
<b>Sociedade Portuguesa de Inovação</b>	SPI	<b>Portugal</b>
<b>Leibnitz-Center for Tropical Marine Ecology</b>	ZMT	<b>Germany</b>
<b>Institut de Recherche pour le Développement</b>	IRD	<b>France</b>

# Three societal challenges

**Challenge 1:** Health, demographic change and well-being

**Challenge 2:** Food security, sustainable agriculture and forestry, marine and maritime and inland water research, and the bioeconomy

**Challenge 3:** Climate action, environment, resource efficiency and raw materials

# Pacific-EU Policy context

- **Geostrategic importance of the Pacific-EU partnership**

- “Towards a renewed EU-Pacific development Partnership” (21/03/2012)
- Council conclusions on a renewed EU-Pacific development partnership (14/05/2012)
- Pacific ocean - a major driver of global climate & fish production with vast deep sea mineral deposits (major assets of the Pacific region)

- **Specific challenges** faced by Pacific Island Countries and Territories (PICTs)

- Limited & uneven national capacity to address science, technology and innovation (ST&I) constraints
- Sustainability of environments, economies and cultures

- **Improve regional cooperation and integration**, as encouraged by the *Pacific Plan for Regional Integration and Cooperation 2005-2015 (Pacific Islands Forum)*

# PACE-Net Plus main objectives

## Objectives

1. Reinforcing Pacific-EU ST&I cooperation by focusing on 3 major **societal challenges**

2. Enhancing cooperation on **innovation** issues

3. Strengthening Pacific-EU research **cooperation** partnerships

4. Supporting bi-regional policy **dialogue in ST&I** between the EU and the Pacific region

## Key actions...

- Update the **state of the art** (*in progress*):
  - Questionnaires
  - Bibliometric analysis
  - Countries files (communication support)
- Identify / update **priority areas** for Pacific-EU cooperation & **innovation areas** and **niches** (think tanks)
- Suggest options for **programming** and **financing**
- Seed-funding to promote **joint activities** (summer schools, joint proposals, twinning of labs, ...)

## PACE-NET Plus “Think tanks”

### Topics and dates

- In **Europe** (Bremen, 9-11 September 2014)
  - Non communicable diseases (lifestyles, nutrition, well being)
  - Food security – terrestrial and marine resources management
  - Adaptation and resilience – climate change; environment, water, waste
- In the **Pacific** (November and December 2014)
  - Coastal ecosystems health, fishery and ciguatera (Noumea, NC)
  - Vector-borne diseases (Papeete, FP)
  - Mineral resources and environment (Auckland, NZ)
  - *In situ* Pacific Ocean Observations system for climate action and resources management (*pending*, Noumea, NC)



# Enhancing cooperation on innovation issues

## OBJECTIVES & FIRST ACTIONS

- **Mapping** of innovation **actors** and **sectors**
- **Identifying factors** underlying innovation processes (incentives, supports, obstacles,...)
  - UNIDO + Pacific partners in charge (desk surveys as well as firm surveys, interviews on innovation capacity and partners in the region (Fiji, New Caledonia, Papua New Guinea and Samoa)
- Suggesting **areas and niches for potential innovation** among the public and private sector (opportunities and challenges)
- Set up a **baseline/reference** of the required conditions and existing ways for supporting partnerships in innovation (with a **manual of best practices** in Pacific countries and of best **EU knowledge and technology transfer** approaches into the PAC region)

## Strengthening Pacific-EU research cooperation partnerships

*via* INFO DAYS or EU Fora (focus on H2020):

in Sydney (Dec 2014), Noumea and Australia (March 2014), Fiji (May 2014), Auckland (June 2014), Papeete (November 2014), Vanuatu (tbd)



NCPs network

Profiling Pacific ST&I in European events

Knowledge exchange fund for researchers networking

## Supporting bi-regional policy dialogue in ST&I between the EU and the Pacific

### Via **bi-regional platforms** :

- Lack of structured forum /policy platform for bi-regional ST&I policy dialogue
- First bi-regional dialogue platform in **Auckland (December 2014)** partly sustained by the outputs of the Think Tanks; it will explore
  - ✓how to enhance Pacific actors participation in H2020 and European actors in Pacific programmes
  - ✓establish cooperation priorities (mutual interest & global concern)
  - ✓**Brussels (spring 2015) and Fiji (Feb. 2016)** / focus on innovation)

Explore opportunities to better **structure the policy dialogue**, by involving existing regional networks and bodies in ST&I, such as:

- Pacific Islands Forum (PIF)
- Secretariat of the Pacific Community (SPC)
- Secretariat of the Pacific Regional Environment Programme (SPREP)
- Pacific Islands University and Research Network (PIURN)

## Recommendations from the PACE-Net and PACE-Net+

- Need of a **high-level agenda** to identify mutual interests
- Ensure stronger **EC representation** at project events
- More **Incentive actions** in the region
- Need for Systematic **Capacity Building**
- Need for **Pan-Pacific Research Governance** & a strategic **research & innovation agenda** in the Pacific region
- **Policy dialogue**: need to have functional relationship with the formal institutions and to be able to influence or inform national policy processes

## Recommendations from the EC to INCO-Nets

- More interactions with the **private/industrial sector**
- **Mutualise resources** between projects from neighbour countries or between INCO-Net and BILAT
- **Use of numerical indicators** showing progress, success and impacts of INCO-Nets

# Consortium

