

PACE-NET PLUS



PACIFIC-EUROPE NETWORK FOR SCIENCE, TECHNOLOGY AND INNOVATION

Pacific-Europe Network for Science, Technology and Innovation

Fadhila Le Meur, project manager
Institut de Recherche pour le
Développement (Noumea)



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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)



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

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

