



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)



2. 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

3 - Consortium



| | | |
|---|------|-----------------|
| 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 |
| Leibniz-Center for Tropical Marine Ecology | ZMT | Germany |

4. Pacific-EU Policy context

- **Geostrategic importance of the Pacific-EU partnership**
 - “Towards a renewed EU-Pacific development Partnership” (21/03/2012)
 - 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
 - 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)
- **Better address STI challenges** to support sustainable regional **development needs**

5. 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** (ST&I cooperation, key stakeholders):
 - 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”

- 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)
 - Infectious diseases in the Pacific (Papeete, FP)
 - Coastal ecosystems health, fishery and ciguatera (Na, NC)
 - Mineral resources and environment (Auckland, NZ)
 - *In situ* Pacific Ocean Observations system for climate action and resources management (2015, Noumea, NC)

Enhancing cooperation on innovation issues

- **Mapping** of innovation **actors** and **sectors**
- **Identifying factors** underlying innovation processes (incentives, supports, obstacles,...)
- 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 (**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

- INFO DAYS or EU Fora (focus on H2020):
in Sydney (Dec 2013), Noumea and Australia
(March 2014), Fiji (May 2014), Auckland (June
2014), Papeete (November 2014)
- Establishment of an NCPs network
- Profiling Pacific ST&I in European events
- Knowledge exchange fund to stimulate the
networking among researchers



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

- First **bi-regional dialogue platform** in **Auckland (December 2014)** partly sustained by the outputs of the Think Tanks; it will explore
 - ✓ **why** a bi-regional dialogue in ST&I?
 - EU & PAC cooperation strategy – PAC policy framework
 - scientific evidence for public policies
 - private/public relationship & innovation
 - study & management of global changes & infrastructures
 - ✓ how to better **structure the policy dialogue**
 - ✓ how **to build on** update/identified cooperation **priorities** (mutual interest & global concern)
 - ✓ how to enhance Pacific actors **participation** in H2020 and European actors in Pacific programmes
 - ✓ how to **better involve** existing regional networks and bodies in ST&I, such as: **PIF, SPC, SPREP, PIURN**
- Second in **Brussels** (Spring 2015) and **Fiji** (Feb. 2016 / focus on innovation)

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