

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)

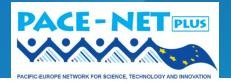




Consortium

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	СТА	(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



PACE-Net Plus is a project funded by the European Commission to reinforce EU-Pacific cooperation on Science, Technology & Innovation Grant agreement: 609490



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)

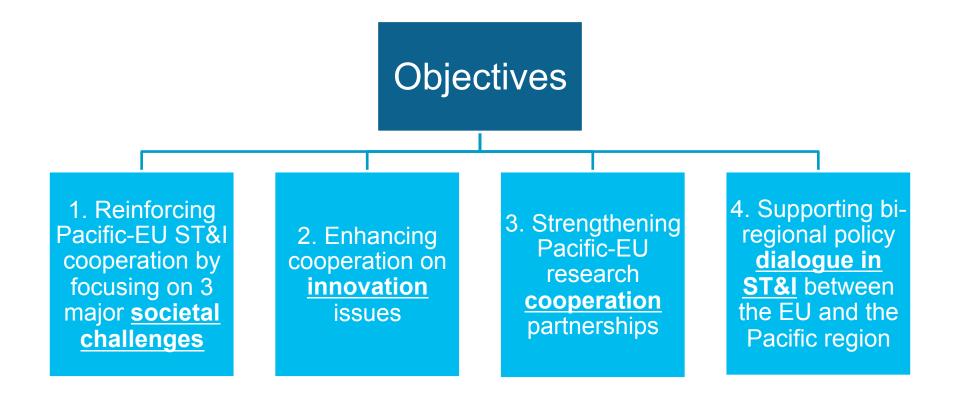
•Specific challenges faced by Pacific Island Countries and Territories (PICTs)

- 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)

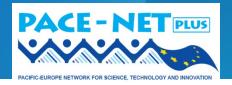




PACE-Net Plus main objectives







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)
 - Costal 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 <u>innovation</u> 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 <u>cooperation</u> 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 <u>bi-regional policy dialogue</u> 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









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MONTROIX



The Association of Commonwealth Universities



Institut de recherche pour le développement









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