

PACE-NET PLUS



PACIFIC-EUROPE NETWORK FOR SCIENCE, TECHNOLOGY AND INNOVATION

Pacific-Europe Network for Science, Technology and Innovation

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Coordination Support Action
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Pacific-Europe Network for Science, Technology and Innovation: objectives and consortium



University of Papua New Guinea
National University of Samoa
Vanuatu Cultural Centre
CNRT Nickel et environnement
Institut Louis Malardé
Australian National University
Landcare research
Montroux Pty Ltd
University of the South Pacific
Secrét. gén. de la Communauté du Pacifique
United Nations Industrial Devt Organization
Technical Centre for Agricultural & Rural Cooperation
Association of Commonwealth Universities
Sociedade Portuguesa de Inovação
Leibnitz Center for Tropical Marine Ecology
Institut de Recherche pour le Développement

UPNG - Pap. New Guinea
NUS - Samoa
VKS - Vanuatu
CNRT – New Caledonia
ILM – Polynesia
ANU - Australia
LCR – New Zealand
MPL - Australia
USP – Regional (Fiji)
SPC – New Caledonia
UNIDO - International
CTA - International
ACU – United-Kingdom
SPI - Portugal
ZMT - Germany
IRD - France



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 bio-economy

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

Strengthen EU-Pacific cooperation in ST&I with a focus on 3 societal challenges

Stimulate cooperation on innovation issues

Encourage EU-Pacific research partnerships

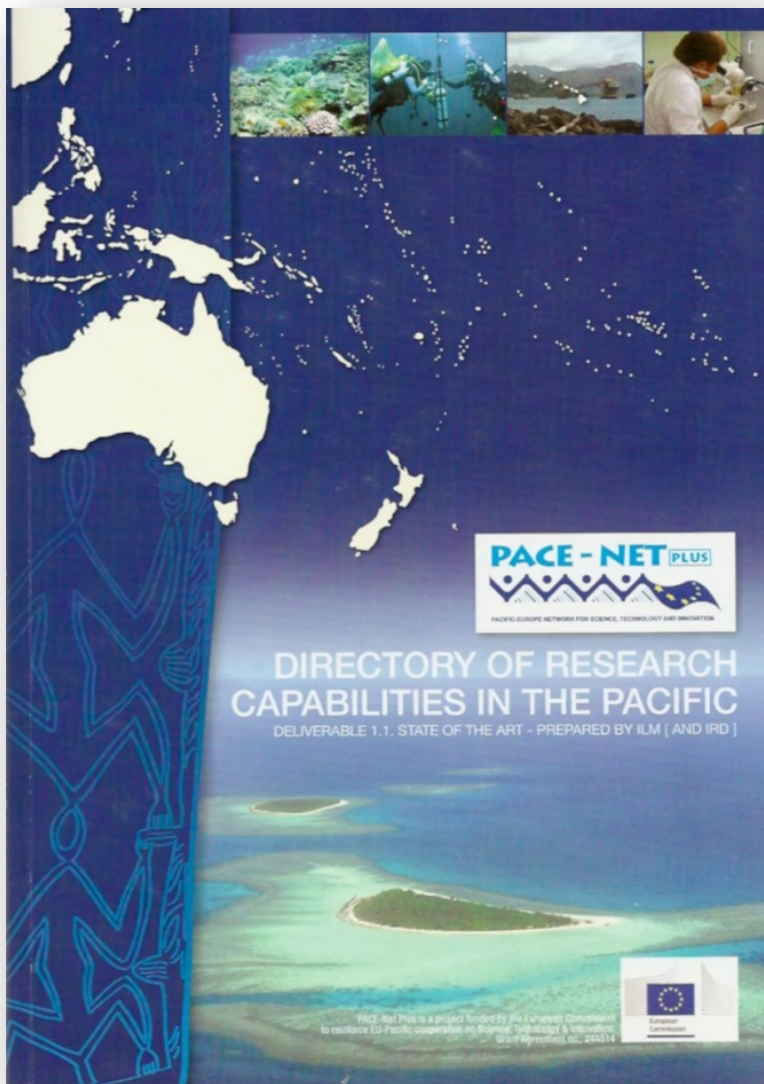
Reinforce the bi-regional policy dialogue in ST&I between EU and the Pacific

- Contribute to the **EU exposure in the Pacific**
- Geostrategic importance of a **Pacific-Europe partnership**
- Opportunity for the **PICTs and OCTs of the Pacific** (reinforce cooperation and improve their regional integration)
- **Specific challenges** for the PICTs (Pacific Island Countries & Territories)
 - Constraints imposed by limited or uneven national capacities in STI
 - Durability of the environment, the economies and cultures

- **STATE OF THE ART** (Directory of Research capabilities in the Pacific, Bibliometric analysis etc.)
- **INFO DAYS on Horizon 2020** (in Sydney, Noumea, Papeete, Auckland, Fiji etc.)
- **THEMATIC WORKSHOPS -THINK TANKS** (in Europe and in the Pacific to update and identify scientific priorities; innovation niches; joint activities and recommendations on actions and programmes)
- **SEED-FUNDING**: call for projects on PACE-Net Plus seed-funding (21 selected projects, relating to the 3 societal challenges to encourage bi-regional cooperation)
- **INNOVATION**: identification of innovation sectors and niches in the Pacific, of factors underlying innovation process (& recommendations to bridge the gap between the private and public sectors)
- **BI-REGIONAL PLATFORMS OF DIALOGUE** Auckland (2014), Brussels (2015), Fiji (2016)

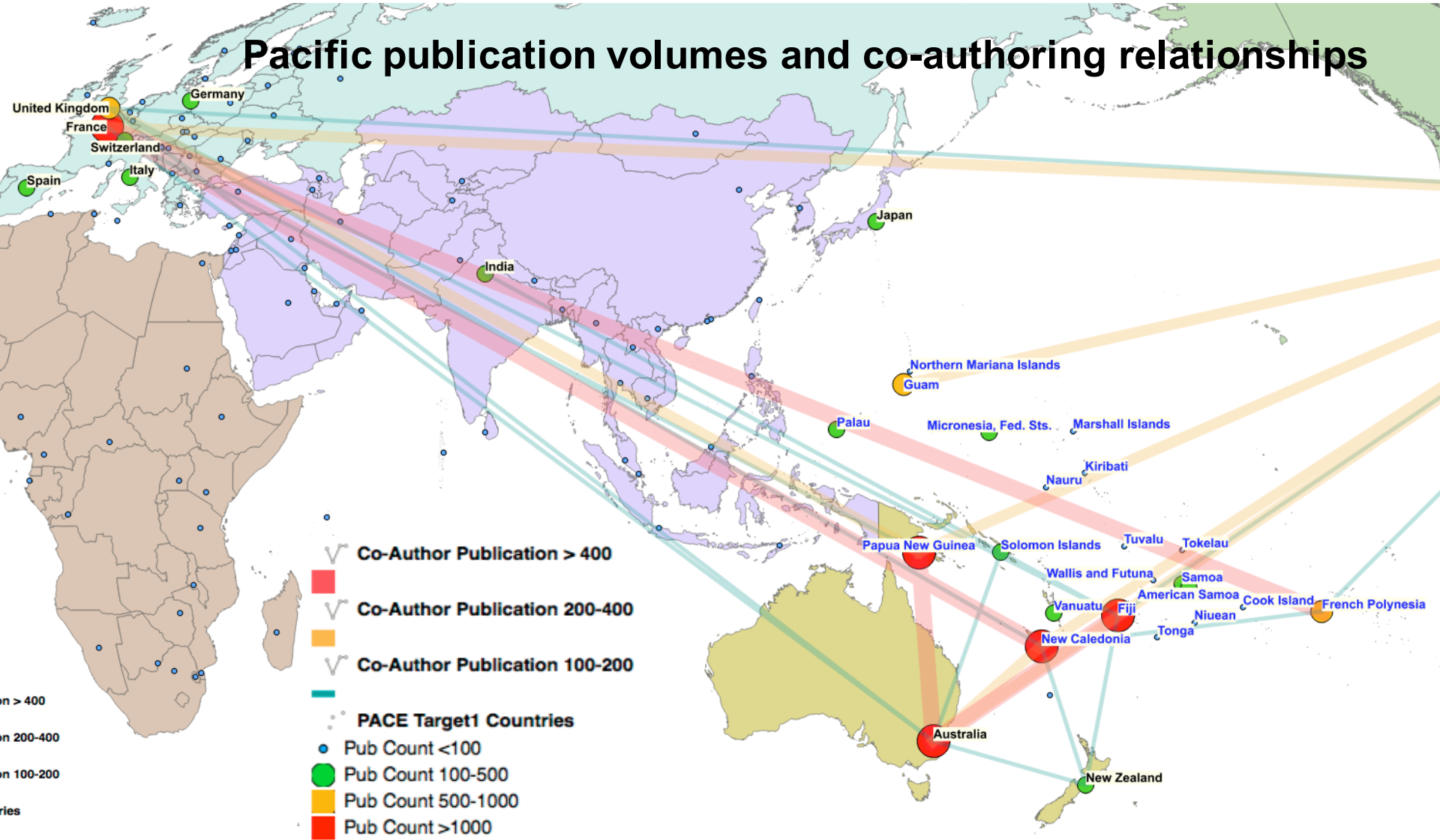


Directory of Research Capabilities in the Pacific





Pacific publication volumes and co-authoring relationships



**Sydney, Noumea, Papeete,
Auckland, Fiji etc.**

- 1. Structure of Horizon 2020**
- 2. Basic rules of participation**
- 3. International cooperation aspects**
- 4. Individual opportunities**
- 5. Collaborative opportunities**
- 6. SME opportunities**
- 7. Strategy & hints**



In EU and in the PAC to update and identify scientific priorities; innovation niches; joint activities and recommendations on actions and programmes on:

- ✓ **Non communicable diseases**
- ✓ **Food security**
- ✓ **Adaptation and resilience, water and waste management**
- ✓ **Lagoon and ocean health (fishery & ciguatera)**
- ✓ **Infectious diseases**
- ✓ **Mineral resources and environment**
- ✓ **Observation systems of climate change and its impact**
- ✓ **Innovation and agriculture**





June 2015, IRD Centre Noumea (NC)

This workshop focussed on 3 scientific and technological area of research :

- **Oceanography**, ocean atmosphere interactions and variability
- Impacts of climate change on the **ecosystems and the biodiversity** on the marine and terrestrial resources
- Impacts of climate change on **societies**

Guidance note for the EU Institutions on the improvement of the systems of observation and the partnerships to implement



Launch of the calls in 2015 for the 3 PACE-NET Plus societal challenges:

- 67 proposals received
- 21 projects granted
- **Networking of scientists from both regions**
- **Basis for bigger projects (co-funding)**





- **Mapping** of innovation **actors** and **sectors**
- **Identifying factors** underlying innovation processes
- Suggesting **areas and niches for potential innovation** among the public and private sector
- **Toolbox and policy recommendations** for the implementation of innovation projects in the Pacific region



Platforms of regional and bi-regional policy dialogue in ST&I

In Auckland, Brussels and Fiji

- How to foster and better structure the **policy dialogue**
- How to enhance PAC/EU **cooperation** strategies?
- How to facilitate access to **H2020**?
- Address societal challenges (**incl. Climate change**)



Towards a Pacific STI Agenda

- Assist regional leaders to achieve the objectives of their **national development strategies**, through national and regional research findings;
- Ensure Pacific research activities are **connected to global networks** in order to enhance their local impact as well as contribute to global solutions;
- **Foster bi-regional dialogues** on the basis of excellent and equitable outcomes.

Towards a Pacific STI Agenda

- COP21 demonstrated the **impact** of a joint Pacific initiative
- Based on the PNP experience we could propose some steps towards a **common strategy** to facilitate achieving the SDGs
- The future of the PICTs might benefit from **strengthened regional capabilities** to support autonomous decision making
- Our suggestions support the **Framework for Pacific Regionalism** and propose some coherent key actions to achieve this goal

- Consolidate the **bi-regional dialogue** in ST&I
- Establish bigger **seed-funding schemes** for cooperation between the PICTs, the OCTs and EU partners
- Contribute to the strengthening and integration of **observation systems** of the climate and global changes and their impacts in the Pacific.