

# “Reconciling Mining and Sustainable Development in the Pacific Countries”

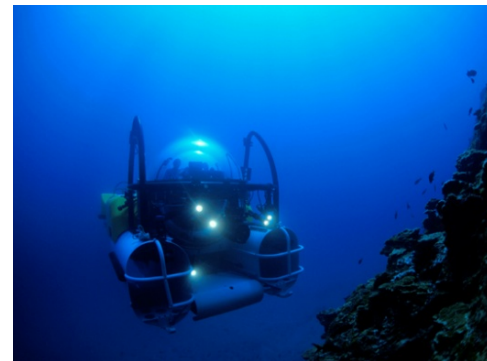


**Dr France BAILLY**  
**Director of CNRT New-Caledonia**  
**National Centre for Technological Research**



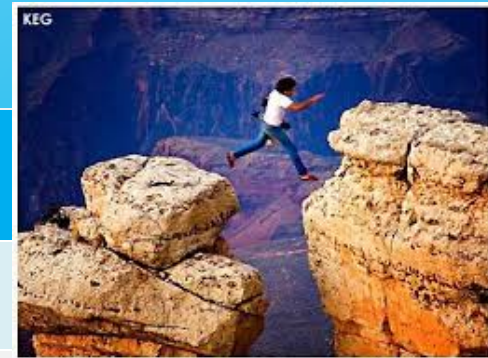
# Sub-topic sessions

- **Sub-topic 1:** Enhancing environmental consideration in mining while answering societal needs
- **Sub-topic 2:** Increasing Knowledge of Social and Environmental Impacts of Deep Sea Mining
- **Sub-topic 3:** Mining industry, corporate social responsibility as a vector of societal innovation



## Case studies

- Coal mine, South Island, NZ
- Pre-exploration case study, NC
- Nauru
  - Solwara 1, PNG
  - Cook Islands
  - Phosphate in NZ
- Koniambo, NC
- Gold Ridge, Salomon
- Kudubu, PNG



Strengths/Positive points	Weaknesses/ Problems	Recommendations
The political will and the development of policy and law	Weak governance →	Due diligence and transparency
Understanding of the social impact as part of the process	Inadequate community consultation and engagement →	Social licence to operate
Recognizing the importance of science and problems and gaps	Absence/lack of capacity at local, technical, scientific level etc... →	Creation and access to baseline data
Transparency/information sharing, collaboration and partnership	Lifestyle changes and mobility effects →	Assessment and acceptance of the risk
Recognizing the importance of science and problems and gaps	Cumulative transboundary effects, e.g. tailing, wastes; fisheries... →	Creation and access to baseline data
Community involvement and interest – strength of landowners, local communities	Lifestyle changes and mobility effects →	Post activity site rehabilitation and human impact compensation

Better understanding of community demands and business are adapting

Cook island's set up for SWF (Sovereign wealth fund)



# Priority Actions

- Strengthen **governance** and **regulation** of mining activities and imagine financial mechanisms to assure offsets, decommissioning and “after-mining” local economy;
- Mining projects **disclosure** and **systematic integration of communities** into the decision-making process all along the projects life-cycle;
- Consolidate the **regional databases** and enhance knowledge access and sharing (regional resource center) on natural and human environment
- Develop suitable methodology for **risks assessment** (comprising cumulative and trans-boundary risks and impacts);
- Supporting innovative and **green technology** transfer to facilitate the development of mining projects in a sustainable sound.

# Innovative Solutions for Policy Development

Potential projects were discussed for future proposal development:

- Methodologies for cross-cultural work and communication to better deliver outcomes & increase return on investments
  - Non destructive exploration techniques for establishing environmental baseline
  - **Pacific Centre of Excellence for Social Responsibility and Resources**
  - Strengthen PPP for exploration, monitoring and capacity building
  - **Risk assessment tools for deep water and tropical ecosystems**
  - Translate CSR into financial support, and include legal, economic & environmental managements – e.g., Clean Up Fund
- **7 original projects ideas >> 3 applications submitted for seed funding**



