

Concept Note

Title	Connecting the Pacific Islands to the Global Internet
Organisation(s):	O3b Networks Ltd
Theme:	Theme 2: Affordable Access: International Connectivity in the Pacific
Speaking Duration:	15 minutes
Background and Justification:	O3b Networks is building a new telecommunications infrastructure offering low-latency satellite links from 1 Mbps to 10 Gbps for cellular backhaul and IP Trunking. Lowering access costs, increasing availability and bridging the digital divide, O3b Networks will enable emerging-market operators, Internet service providers and governments to make the Internet a truly global and ubiquitous experience, enhancing growth for economic and social developments.
Objectives:	To build a consortium of partners to move forward in rolling out the ground facilities required to bring Pacific Islanders onto the global internet.
Scope:	O3b will provide cost-effective access to a low-latency, high bandwidth network to all the Pacific Islands; Enlist a partnership with potential partners to sponsor a percentage of the ground equipment; Encourage National Governments to sign on as the guarantor of capacity for the national phone companies; Engage National Departments of Education and Health to leverage network for e-learning and e-health; Engage local and international development banks to fund local entrepreneurs to foster ISPs, Internet cafés and local ecommerce initiatives.
Expected Outcome:	Create a Public-Private partnership to foster the access to a high speed, low latency IP backbone to the global internet
Potential Partners:	ITU, National Governments (Telecom, Education, Health Departments), National phone operators
Project Timescale:	4 th Quarter of 2010
Budget (optional):	<p style="text-align: center;">O3b Networks Pacific Island Countries Budget Proposal:</p> <p>Package 1: <u>QuickStart</u> for main island:</p> <ol style="list-style-type: none"> 1. An STM-1 to each island (capital)

2. 122ms latency
3. 99.5% SLA (CIR)
4. \$600/mb
5. Service activation fee: USD 350,000 (For ground equipment) + Shipping + Installation

Package 2: QuickVar for remote sites (Available after purchase of Package 1):

1. 20Mb or more for each outlying island
2. 122ms latency
3. 99.3% SLA (CIR)
4. \$1000/mb
5. Service activation fee: USD 20,000 (For ground equipment) + Shipping + Installation

Plan:

- Funding Partners (e.g. World Bank, ADB, IMF) would sponsor service activation fee to main island while regional organisations and development agencies e.g. ITU, SPC, PITA, etc facilitate the negotiation and agreements as well as implementation
- Government would guarantee payment of our service
- Government would cover cost of service activation fee to any outlying island
- O3b will provide connection equipment at our teleport location
- O3b will provide \$600/MB pricing and SLA on QuickStart Service
- O3b will provide \$1000/MB pricing and SLA on QuickVar Service