

Regional Broadband Initiatives

Sub-Regional Meeting on Network Development for the Pacific
29 January 2008
Nadi, Fiji

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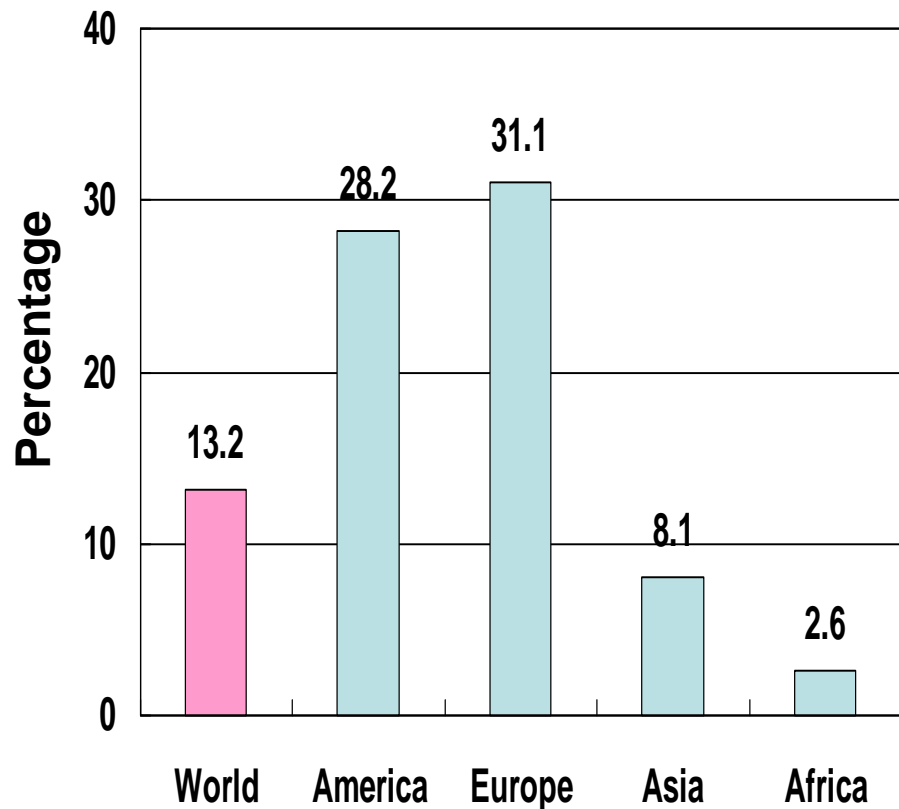
Outlines

- 1. Current State of Telecommunication/ICT Development**
- 2. Bangkok Agenda**
- 3. APT Programs Supported by Japan**

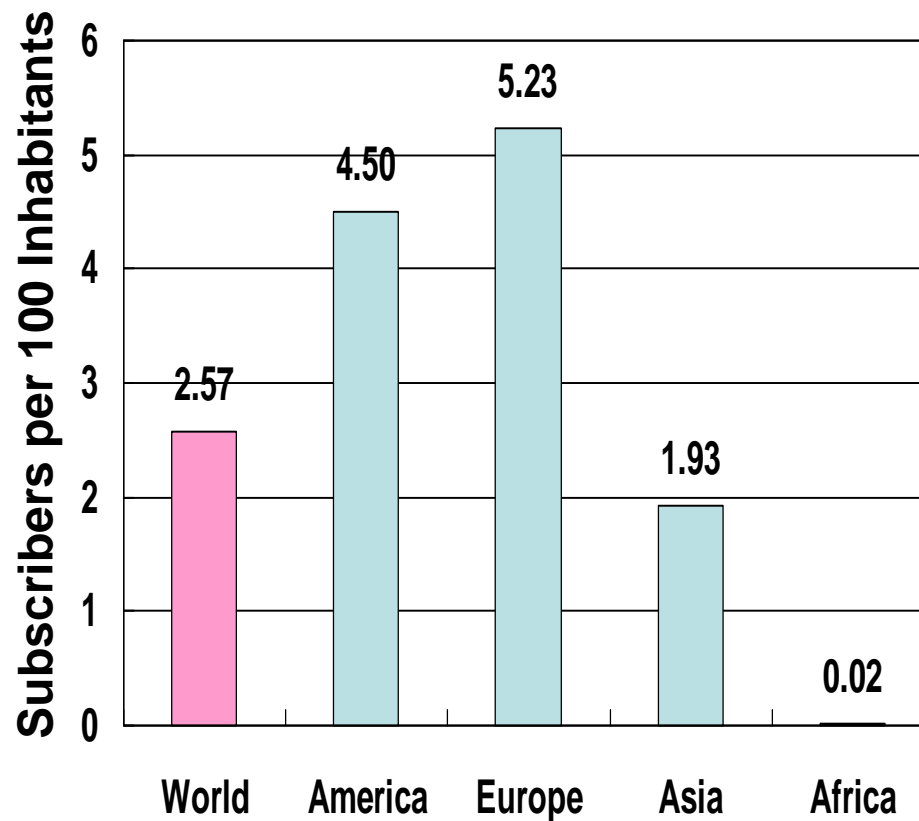
1. Current State of Telecommunication/ICT Development

Penetration by Region in 2004

Internet



Broadband



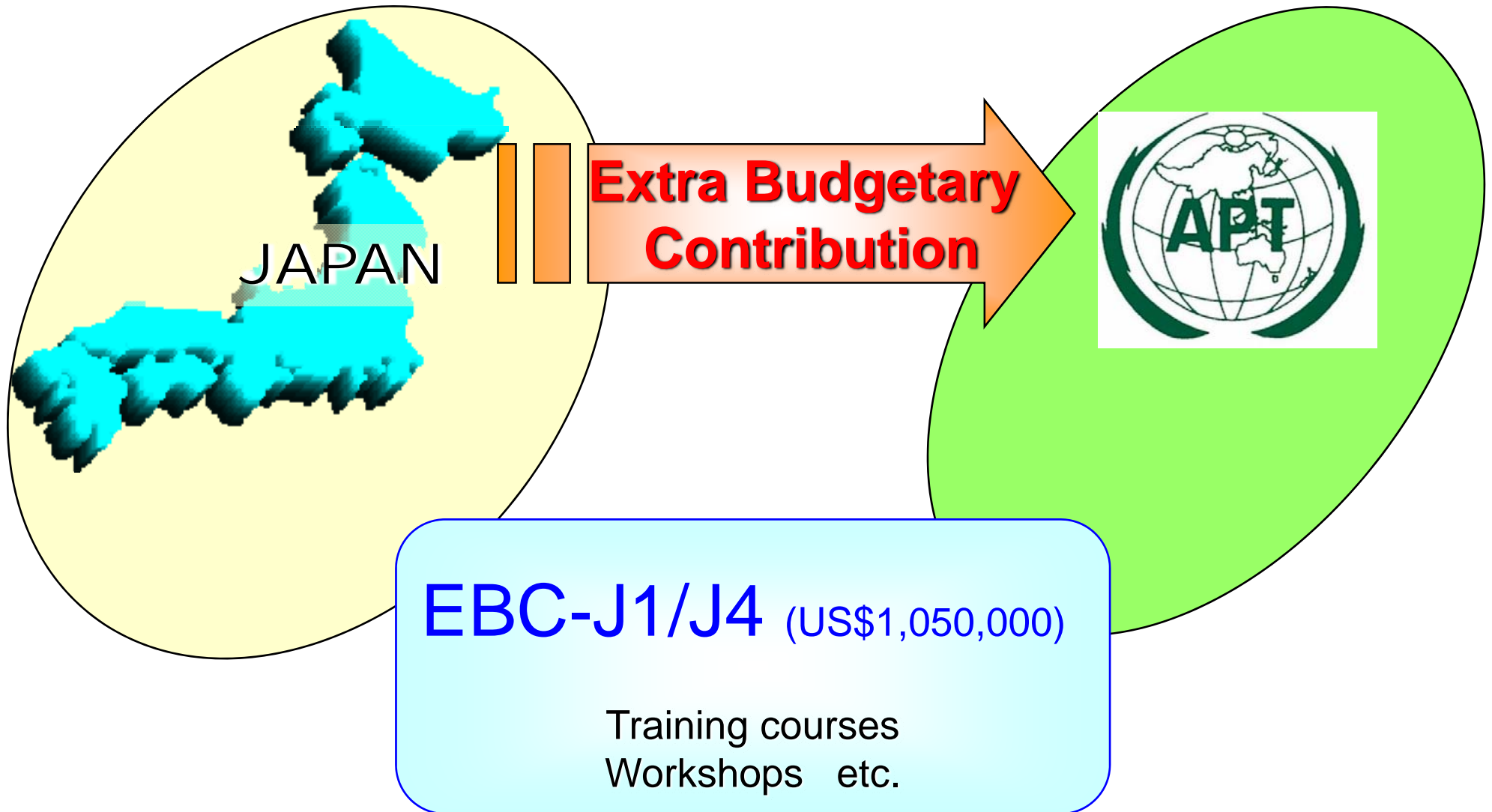
2. Bangkok Agenda

- A. Raising Awareness, Capacity Building and Human Resource Development
- B. Creating an Enabling Environment to Encourage Broadband and ICT Investment
- C. Improving Access and Encouraging Broadband and ICT Usage
- D. Increasing Confidence and Security for Broadband and ICT Usage
- E. Strengthening International Cooperation

APT's Tasks (Bangkok Agenda)

- Provide opportunities to Member countries to exchange information
- Coordinate views of the region in preparation for global conferences
- Cooperate with other organizations
- Improve the HRD activities and studies
- Assist member countries in making a progress

3. APT Programs Supported by Japan



EBC-J1/J4 (US\$1,050,000)

Training courses
Workshops etc.

EBC-J1/J4 Training Courses in Japan

FY 2005 12 courses

- Wireless Technologies
- IP Network Basic Technology
- Recent Trends on Disaster Reduction Network Applications
- Next Generation Broadband Network and ICT Applications
- Planning Management of Next Generation Mobile Telecommunications
- Optical Fiber Transmission Technologies
- Space Communications
- Recent Trends on Network Interconnectivity between Operators toward Broadband Era
- Next Generation Internet and its Application
- Radio Station Administration and Radio Equipments Certification System
- Broadband Network Technology and Information Security
- e-Government and ICT

FY 2006 16 courses

- Planning and Management of Next Generation Mobile Telecommunications
- Optical Fiber Transmission Technologies
- Promotion of the Bridging International Digital Divide
- IP Network Basic Technology
- Disaster Management Network System in Japan
- Advanced Maritime Communications System
- Competition Policy and Broadband Deployment (**EBC-J4**)
- Study Visit on Standardization
- Radio Station Administration and Radio Equipments Certification
- Space Communications
- Radio Communications Technologies
- Broadband Network Technology and Information Security
- e-Government and ICT
- Next Generation Internet and its Application
- Study Visit on PHS Network Operator Engineer
- Study Visit on Generation Network

Total Trainees : FY 2005 : 104 persons FY 2006 : 126 persons

EBC-J1 Overseas Workshop

FY 2004

Themes	Places
Regional Workshop on Standardization	Laos
Workshop on Broadband Wireless Technologies Toward Information Society	Indonesia, Philippine
Workshop on ICT Policies for Development	Vietnam, Laos, Myanmar

FY 2005

Themes	Places
Regional Workshop on Standardization	Bhutan
4th APT ICT-HRD Telemedicine Workshop	Pakistan
APT-NAv6 Center Joint Workshop on IPv6	Malaysia

FY 2006

Themes	Places
Symposium on Telecommunications for Disaster Relief (TDR)	Pakistan
Regional Workshop on Standardization	Indonesia
Workshop on Telemedicine	Thailand

FY 2007

Themes	Places
Disaster Communication and Network Development	Fiji
Bridging the Standardization Gap	Mongolia

EBC-J2 International Collaborative Research (1)

Funded by Japanese extra budgetary contribution to APT since 2001

➤ **Objectives:**

To promote the development of advanced ICT researchers/engineers in the Asia-Pacific region by the exchange of such personnel through international collaborative research projects on advanced ICT.

➤ **Subject Fields of Research**

- Mobile Communications Technology
- New Technology for Rural Telecommunications etc.

➤ **Main condition:**

- Collaboration with Japanese researchers is preferable
- A maximum of around US\$50,000 will be made available for each project.

EBC-J2 International Collaborative Research (2)

FY 2006 6 projects		COUNTRY
1	Distant E-Learning and Information sharing by Geographic Information System on Community Network in rural area	Vietnam
2	Principals and Information and Communications Technology: Approaches in making the connection	Brunei
3	3G Communication Services for People with Disabilities	Indonesia
4	A development of ICT toolkits to assist EMT's triage after major disaster	India Indonesia Pakistan
5	Long Distance Digital Link System (LDDL)	Mongolia
6	Joint Research on ICT Project Formation for creating development models of tele-centers in FSM	Micronesia
FY 2007 5 projects		COUNTRY
1	Development Prototype of Single Identity Number Generator supporting implementation of e-Government to Match with Society's Need	Indonesia
2	Research on IGOS LINUX Voice command in Bahasa Indonesia to aid people with different abilities and illiteracy	Indonesia
3	Development of JAVA Mobile Application using Bluetooth Technology for rural community communication	Malaysia
4	The e-health advice system with Thai herbs using an ontology	Thailand
5	Cognitive Radio and Adaptive Frequency Selection Techniques for Wireless Local Area Networks	Thailand

EBC-J3 Pilot Projects

Funded by Japanese extra budgetary contribution to APT since 2005

- To support pilot projects to be conducted for verification of its effectiveness and validity toward ensuring ICT access in rural areas.
- A maximum of around US\$100,000 will be made available for each project.

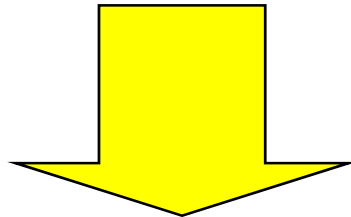
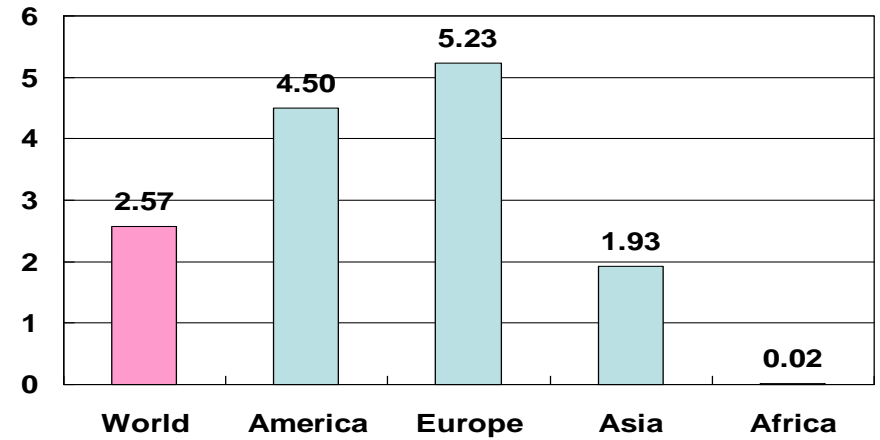
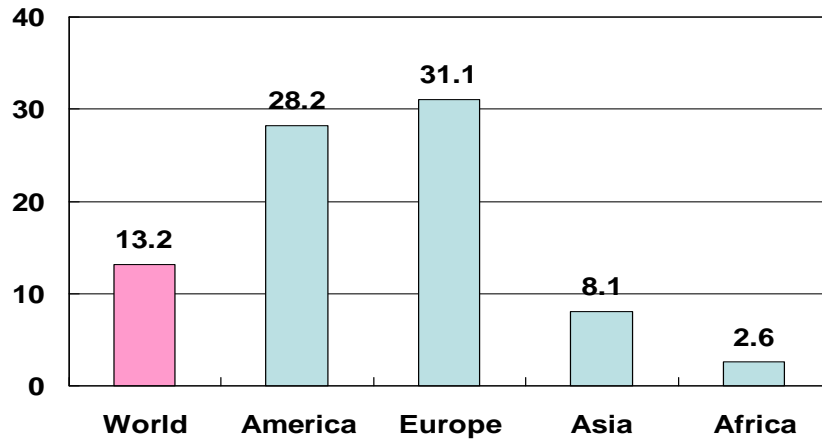
	TITLE	COUNTRY
2005-1	E-Learning for local business in rural area by utilizing ICT center connecting through Wireless LAN in Bantayan Islands, and bridging digital divide in the Philippines	Philippine
2005-2	Internet access actual proof experimental plan using Long-Distance Digital Link system	Mongolia
2005-3	TeleHausline	Papua New Guinea
2006	Community-based Broadband Telecenter Project to Empower Community in Indonesia	Indonesia
2007-1	Pilot installation of e-health system connected from central hospital to rural community in Kandal Province, Cambodia distributed by Wireless LAN Network	Cambodia
2007-2	Pilot Study to Support Rural Education by Wirelesslink	Thailand

Current State ?

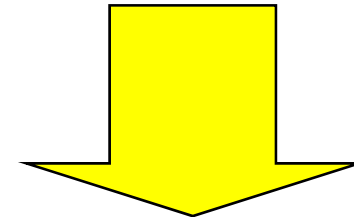
Internet

2004

Broadband



2009



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Thank you