

# Regional Broadband Initiatives

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

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# Outlines

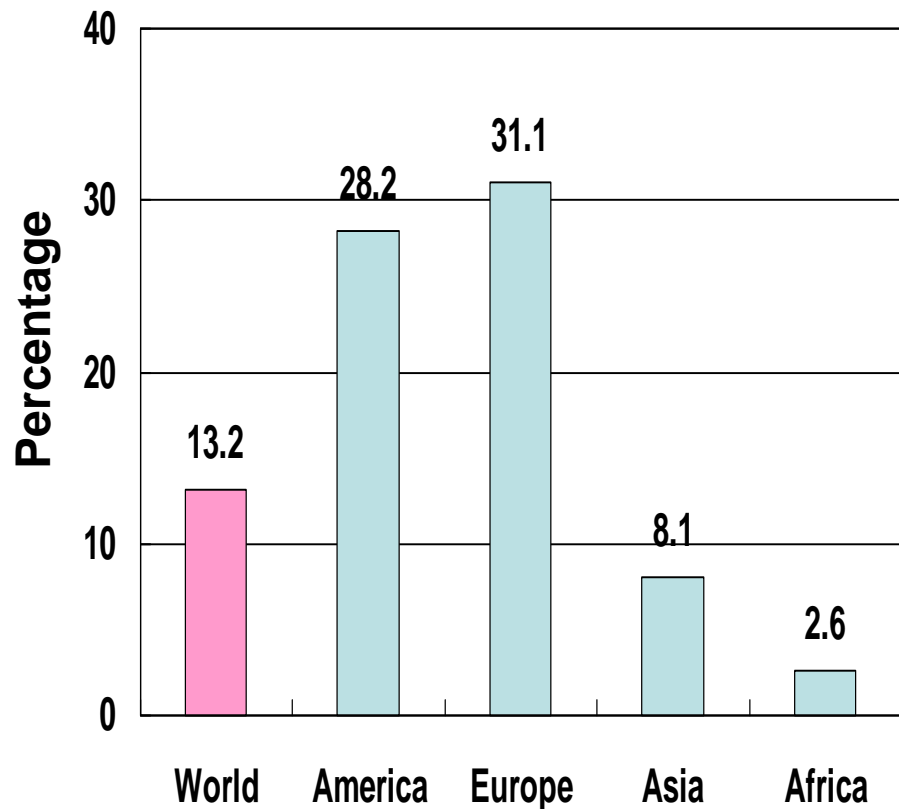
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- 1. Current State of Telecommunication/ICT Development**
- 2. Bangkok Agenda**
- 3. APT Programs Supported by Japan**

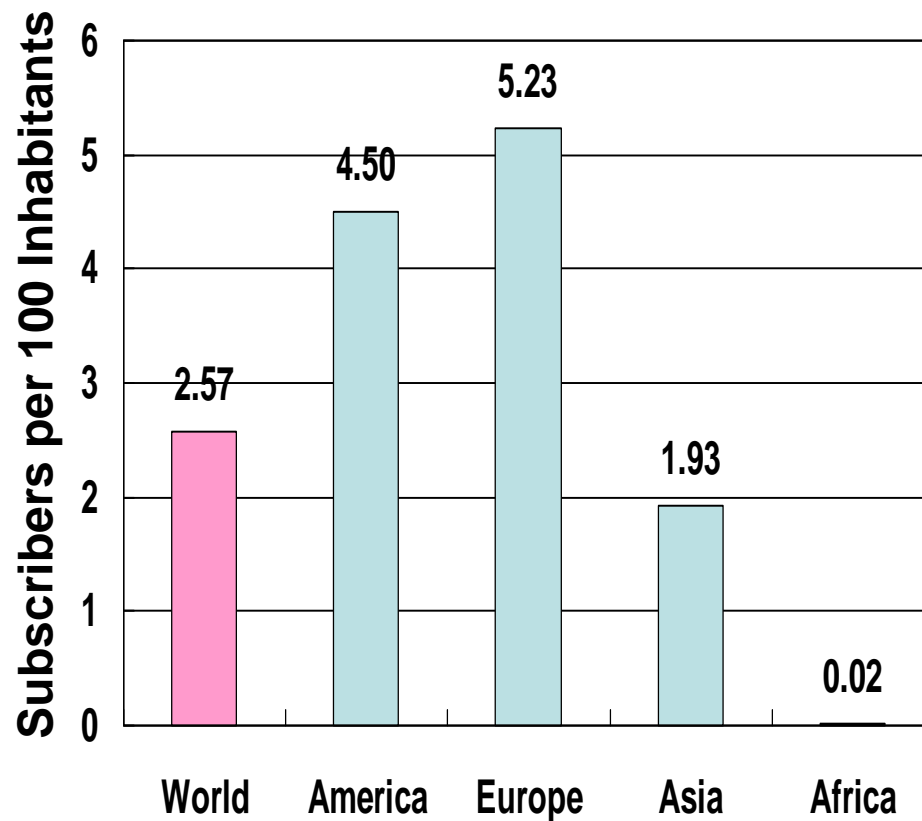
# 1. Current State of Telecommunication/ICT Development

## Penetration by Region in 2004

### Internet



### Broadband



## 2. Bangkok Agenda

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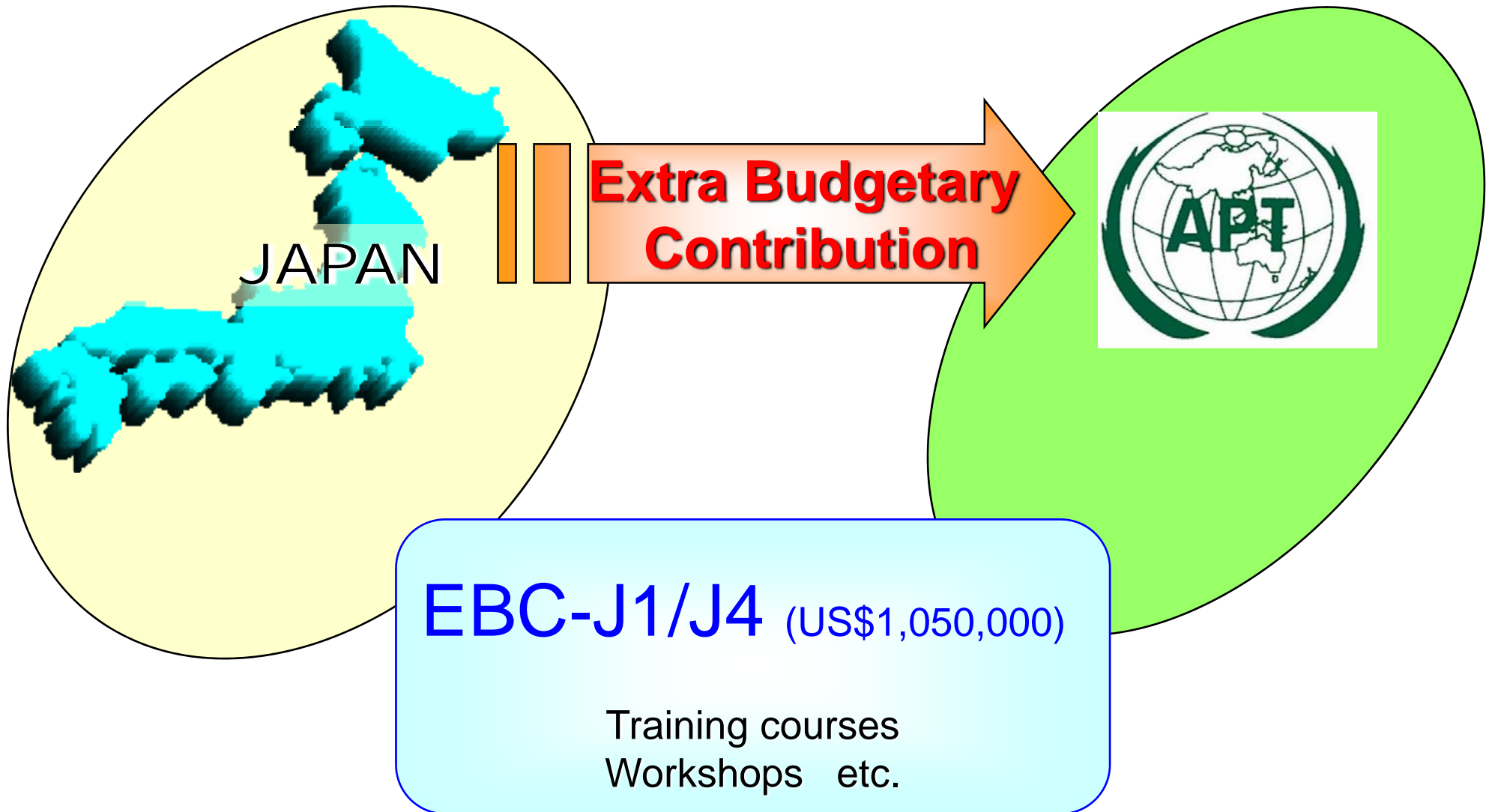
- A. Raising Awareness, Capacity Building and Human Resource Development
- B. Creating an Enabling Environment to Encourage Broadband and ICT Investment
- C. Improving Access and Encouraging Broadband and ICT Usage
- D. Increasing Confidence and Security for Broadband and ICT Usage
- E. Strengthening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

# APT's Tasks (Bangkok Agenda)

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- 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)

<b>FY 2006 6 projects</b>		<b>COUNTRY</b>
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
<b>FY 2007 5 projects</b>		<b>COUNTRY</b>
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.

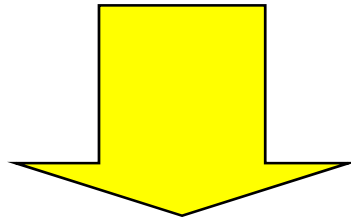
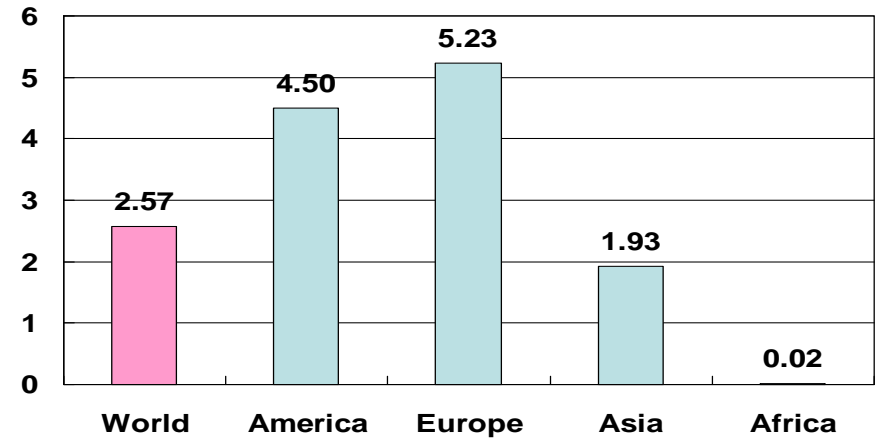
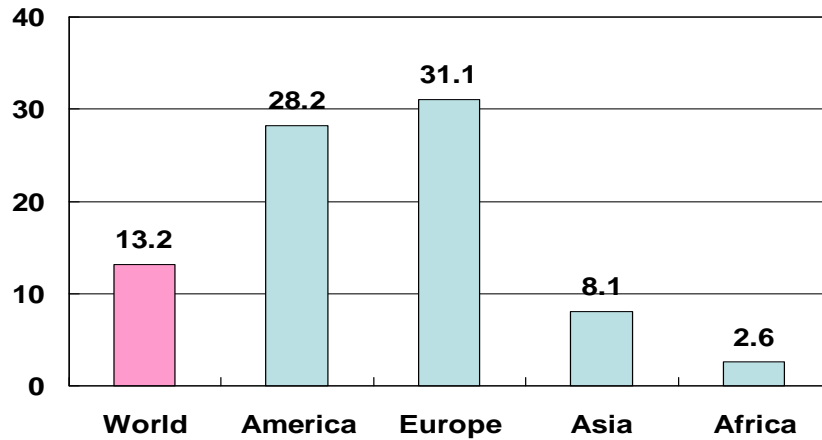
	TITLE	COUNTRY
2005-1	E-Learning for local business in rural area by utilizing ICT center connecting through Wireless LAN in Bantayan Islands, and bridging digital divide in the Philippines	Philippine
2005-2	Internet access actual proof experimental plan using Long-Distance Digital Link system	Mongolia
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 ?

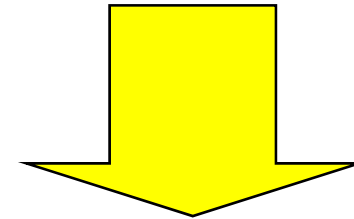
## Internet

2004

## Broadband



2009



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*Thank you*