

International Cooperation



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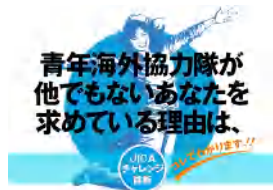
International Cooperation Activities (Four Main Pillars)



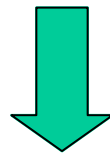
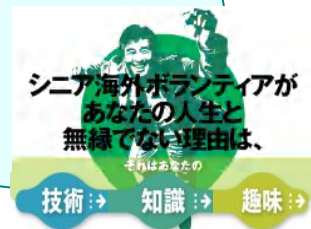
Main Activities



1. **Pilot Project** to support the development of telecommunication environment in developing countries
2. Contribution to **International Organization Activities** related to development
3. **Training program** for foreign trainees from developing countries
4. **Dispatch of Technical Experts** for developing countries
Japan Overseas Cooperation Volunteer (JOCV)
Senior Volunteer (SV)



Dispatch of Technical Experts



Key Word



Training Program for Foreign Trainees



Toward “ Bridging the Digital Divide ” in Developing Countries

1. International Cooperation Activity (Pilot Project)



■ 1-1. APT Pilot Project to support the Development of Telecommunication in Developing Countries (Utilizing budget of International Organization)

Participate in **ICT Human Resource Development Program**, which is based on the extra budgetary contribution from Japanese Government to **APT (Asia Pacific Tele-community)** *

Carry out experiments of e-medicine / e-education in some rural areas of developing countries, constructing a network with Wireless LAN System developed by KDDI R&D Labs.

Proposals from KDDI have been **adopted for 5 consecutive years**.
(Work together with local organization, Waseda University.)

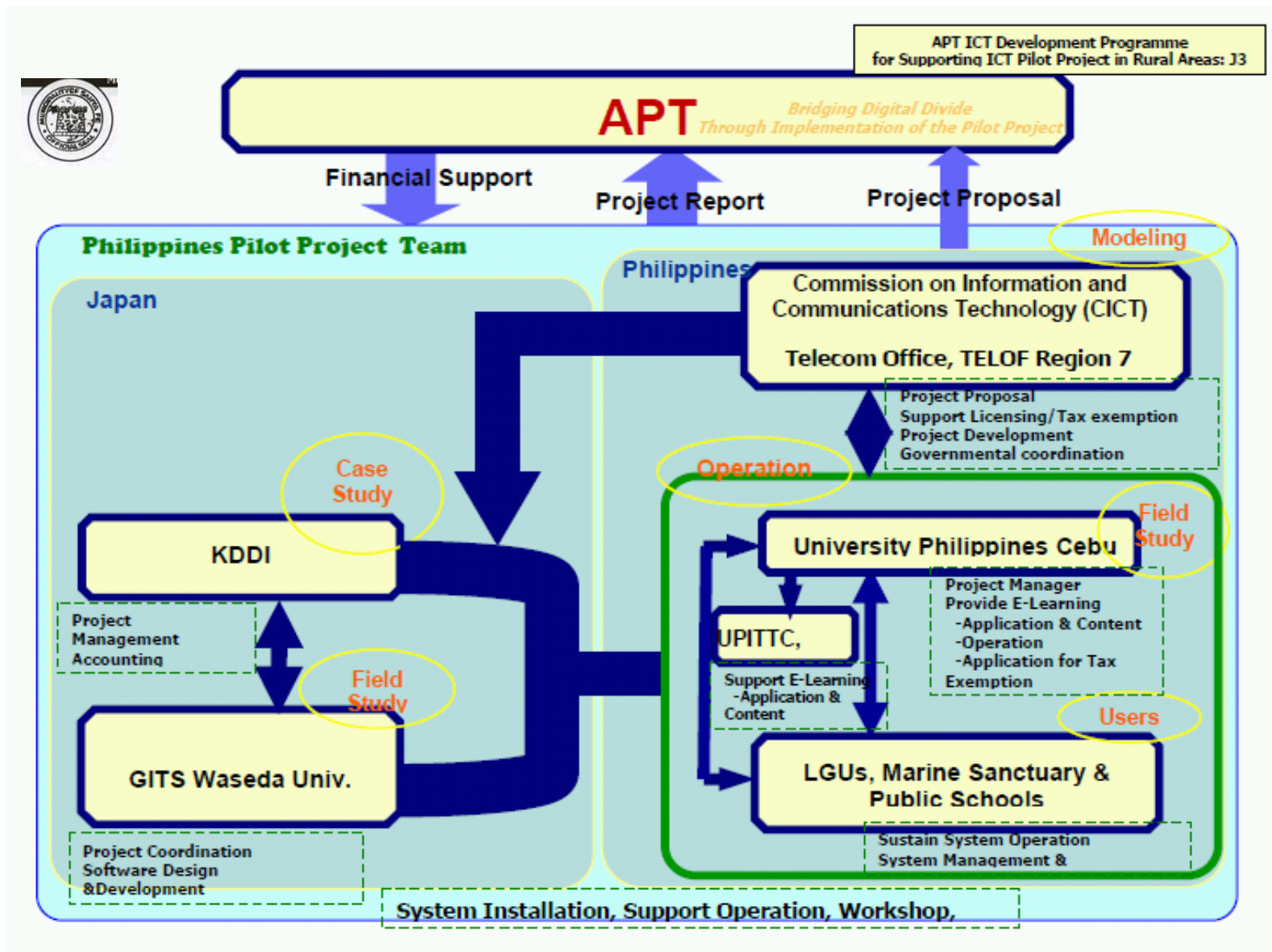


[aim]

- Demonstrate the applicability of Wireless LAN System (CFO-SS) in rural areas of developing countries,
Show the possibility of improvement in the quality of life (bridging the digital divide) by ICT in developing countries
- Expansion and Development of usage in the wider areas from a pilot project are expected

*APT : International Organization in the field of telecommunication of Asia Pacific Area. Governmental Body/ Private Company become members. KDDI joins as an affiliate member.

Framework



LGU : Local Government Unit

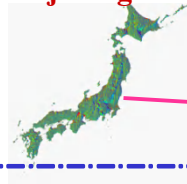
Project Overview

Remote E-Learning



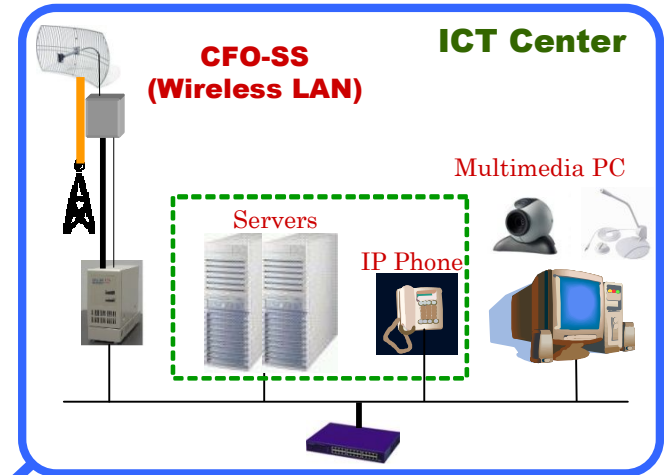
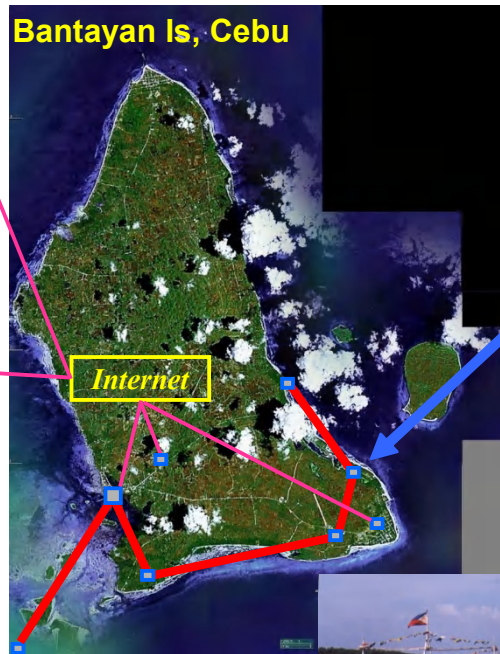
Connected by Internet with
University Philippines (Diliman, Cebu)

**Waseda University,
Waseda Honjo High School**



Japan

Bantayan Is, Cebu



Pilot Projects Using Wireless LAN System



Pupils watching at the Internet
(Cambodia)



Antenna alignment
(Indonesia)



Demonstration on Web based e-learning
(Indonesia)



View from clinic to lodging
(Malaysia)



Medical College students watching at the video image
sent from First Aid Room in General Hospital
over CFO-SS (Vietnam)

1. International Cooperation Activity (Pilot Project)



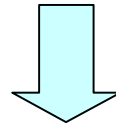
■ 1-2. KDDI original project to support developing countries (source of funds: KDDI)

[Concrete Activity]

Support for building Internet network in Cambodian Schools (Since 2005) :

KDDI supports to improve an Internet access environment in Cambodian schools, which are constructed by the donation from KDDI group. The project was carried out collaborating with Japan Relief for Cambodia (local NGO), utilizing KDDI original fund.

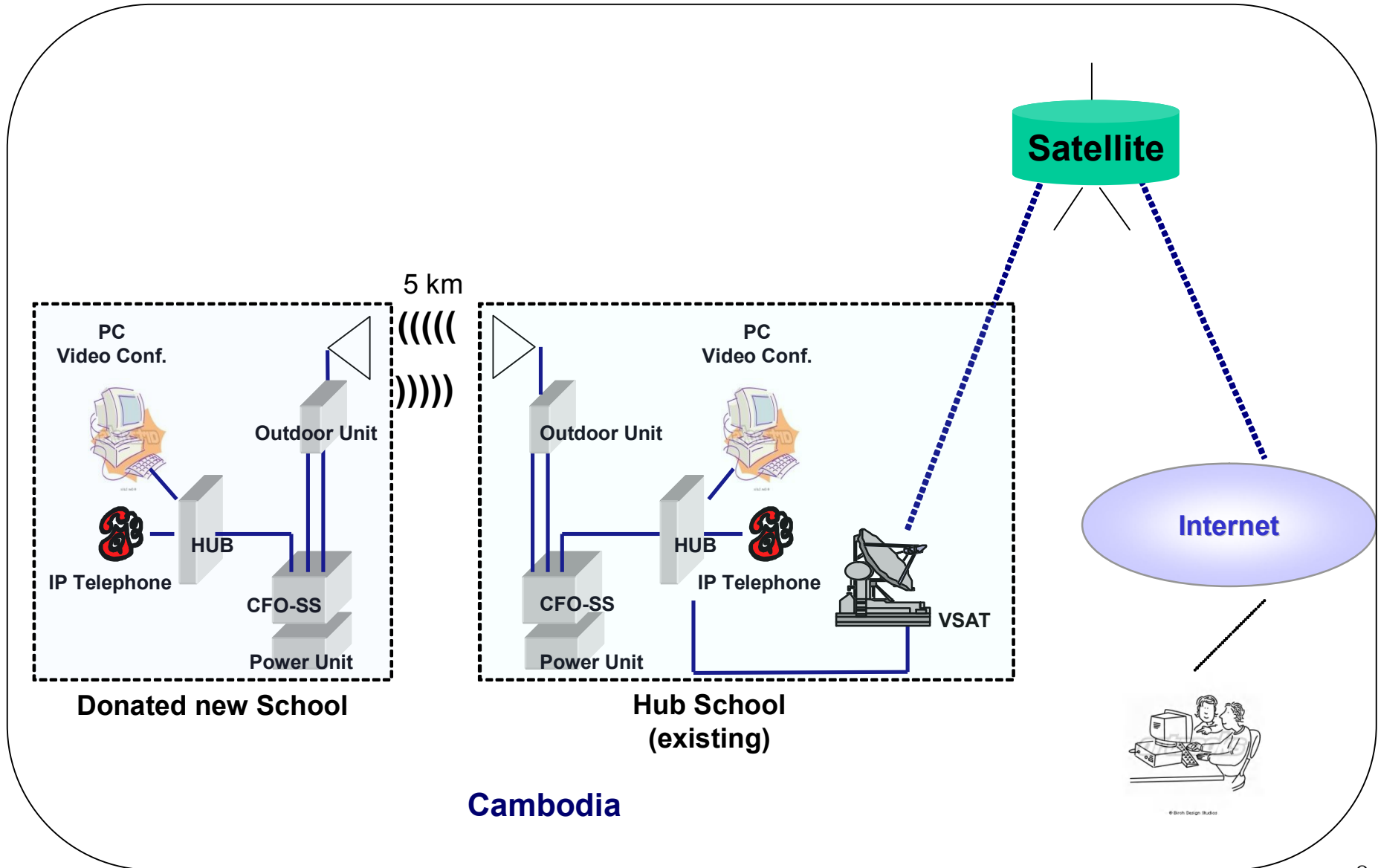
Realized the environment for **School-Internet**, remote education utilizing Wireless LAN System.



▪ Direct Contribution to
Developing Countries



Cambodia School Internet (Network Configuration)



Cambodia

2. International Cooperation Activity (Int'l Organization)



Activity of International Organization related to Development

[Activity]

Introduce the KDDI's activities toward bridging digital divide, in the international organization related to telecommunication development.

Share the knowledge of KDDI's technologies / know-how with developing countries for their smooth development of telecommunications.

Rise the presence of KDDI in international society.

ITU-D (International Telecommunication Union –Development Sector)

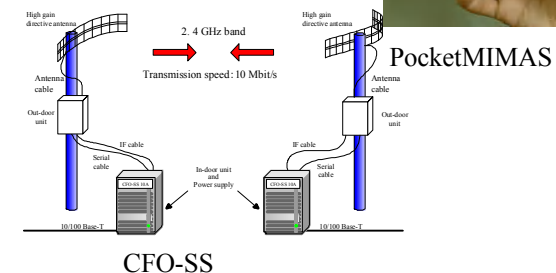
Questions which match with KDDI's business, and the field of which KDDI can strongly contribute.

Q10(Telecommunications for rural and remote areas)

Q14(Telecommunications for e-health)

Q18(Implementation aspects of IMT-2000 and information-sharing on systems beyond IMT-2000)

Concentrate on the activities on the questions above, and make the result of conference contribute to smooth development of telecommunications in developing countries.



APT (Asia Pacific Tele-Community)

Through SG meeting, ADF* and work shop, share the results of APT Projects together, contribute to the development of telecommunication in Asia Pacific area.

* Asia Pacific Telecommunication and ICT Development Forum



Questions under ITU-D Study Group 2



No.	Question
9	Identification of study topics in the ITU-T and ITU-R study groups which are of particular interest to developing countries
10	Telecommunications for rural and remote areas
11	Examination of terrestrial digital sound and television broadcasting technologies and systems, including cost/benefit analyses, interoperability of digital terrestrial systems with existing analogue networks, and methods of migration from analogue terrestrial techniques to digital techniques
14	Telecommunications for e-health
17	Progress on activities for e-services/applications in the world
18	Implementation aspects of IMT-2000 and information-sharing on systems beyond IMT-2000 for developing countries
19	Strategy for migration from existing networks to next-generation networks for developing countries
20	Examination of access technologies for broadband telecommunications
22	Utilization of ICT for disaster management and active and passive space-based sensing systems as they apply to disaster prediction, detection and mitigation
Resolution 9	Participation of countries, particularly developing countries, in spectrum management

3. International Cooperation Activity (Training program for foreign trainees from developing countries)

As part of “Technology Transfer” to developing countries, KDDI is carrying out training programs of telecommunication technologies based on **Japanese Government programs**.



[Purpose / Result of Training Program]

- Improvement of Technology through “Technology Transfer” toward developing countries. (Direct contribution to developing countries)
- Establish **Personal Connections** with KDDI, and make pro-KDDI.

3. International Cooperation Activity (Training Program)

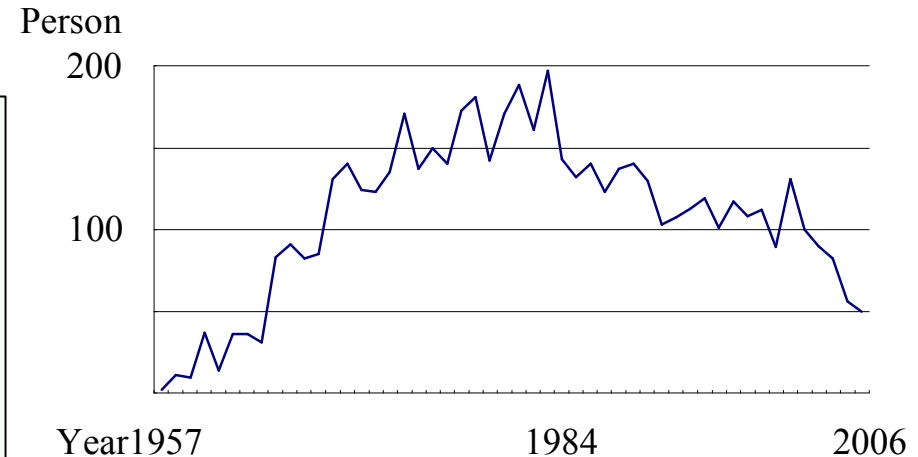


■ Execution of Training Program, Various Information obtained through foreign trainees, Good use of Personal Connections

[Achievements]

- Number of foreign trainees (fiscal year 2006)
: 50 trainees / 7 training programs
- Provide the trainees with KDDI's technical information.
- Get latest information on market environment, telecommunication carriers of respective countries from foreign trainees.

- Country Report meeting



* KDDI's training program has been held since 1957.

(Reference) : Past record of trainees
(1957-2006 : total over 5,300 persons)

3. International Cooperation Activity (Training Program)



Training Schedule (Fiscal Year 2007)

Training Program		Period	Number of Country / Trainee
JICA	• Satellite Communication Technology	May 23 ~ Jun. 29, 2007	6 / 6
	• Optical Fiber Cable Technology	Nov. 12 ~ Dec. 14, 2007	8 / 8
APT	• Optical Fiber Transmission Technology	Jul. 18 ~ Jul. 27, 2007	8 / 8
	• Information Security for the Broadband Communications	Sep. 11 ~ Sep. 21, 2007	8 / 8
	• Wireless Communications Technologies	Oct. 10 ~ Oct. 19, 2007	8 / 8
JTEC	• Information and Communication Technology (ICT) and Information Security	Jan. 21 ~ Feb. 1, 2008	5 / 5
KDDI/KEC	• Mobile Telecommunications Technologies and Service	Mar. 3 ~ Mar. 14, 2008	10 / 10

4. International Cooperation Activity (Dispatch of Experts)

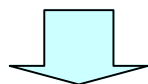


■ Dispatch of Experts

Accepting the requests from JICA, MIC, or other related organizations, KDDI dispatches our technical experts to developing countries.

As the requests are decreasing recently, no experts were dispatched in year 2006.

KDDI supports employees to participate in JICA's volunteer activities, JOCV / SV, with a system "dispatched but remained in KDDI".



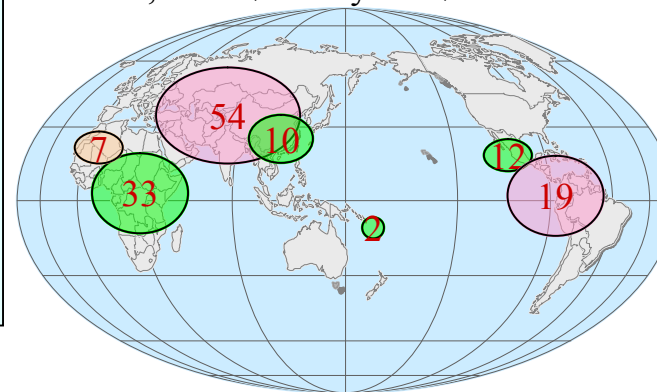
[Result]

- Direct support for telecommunication related field in developing countries. (Social Contribution)
- Improvement on international sense, business experience of employees who were dispatched as experts. (from a viewpoint of Human Resource Development)

[Latest Dispatch]

Type	Dispatched Country (Field)
Senior Volunteer	Saint Lucia (Administrative Advisor) (2006-2008)
Senior Volunteer	Fiji (Computer propulsion) (2006-2008)
Senior Volunteer	Panama (Network maintenance) (2007-2009)
JOCV	Saint Lucia (Computer technology) (2007-2009)

Number of Long Term Expert, JOCV, SV (sum by area)



No.

Experts: 80 persons / 24 countries

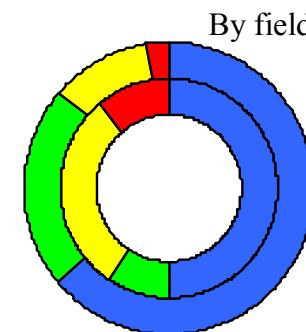
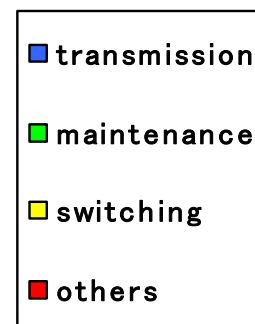
* The first dispatch from KDD(I) was in 1960.

No.

JOCV: 54 persons / 17 countries

SV : 3 persons / 3 countries

* The first dispatch of JOCV from KDD(I) was in 1967.



Outer circle: Expert

Inner circle: JOCV, SV
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5. International Cooperation Activity (Others)

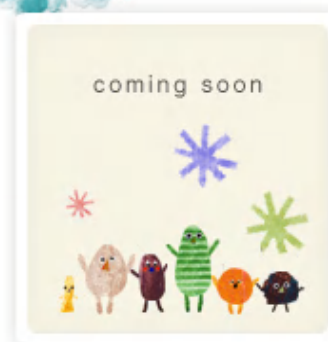


■ New ideas of International Cooperation

- Realization of visible international contribution which makes best use of telecommunication function / service
 - Provision of the opportunity for international contribution activity where users / employees can participate in
-
- Cooperate with JICA program “For a Smiling Face of the World” (Continuing)
 - Making contributions with “One Click”
(Starts on the KDDI’s web from June 2007)
 - Donation of PCs / equipments to developing countries (Under preparation)

◆ キボウのカケラ、募集中。

ただいまキボウのカケラを集めています。
カケラをつくる支援プログラムを選んで募金に参加してください。



6. International Cooperation Activity (Consulting)



■ KEC's Consulting Business to support the development of telecommunication

KDDI Engineering & Consulting (KEC) executes a consulting business of telecommunication in Japan and also in foreign countries, based on the demands of Official Development Assistance (ODA) and private company.

Positively receiving many consulting items of foreign telecommunication, KEC has contributed to international cooperation activities.