

Supplementary Training on Education : Africans Learn Japanese - Method “Lesson Study” from Indonesian Schools



Around 100 countries of the world affirmed their commitment to achieving “Education for All (EFA) by the year 2015” during the “World Education Forum” held in Dakar (Senegal) in 2000. In order to achieve that, effective and viable education policies are indispensable for developing education in each of the countries. However, the access and quality of education in the African region has been especially lagging compared with other regions; mostly due to the weak capacities in terms of, among others, policy making and education planning. Therefore, improvement of education administration system has been an urgent issue for Africa. Yet, cooperation with higher education institutions is still rare, whereas it is important to get input from researchers for such improvement of education policies.

As a means to support basic education development in Africa, JICA has been providing a training course in Japan focused on research-based policy formulation in the education sector. The purpose of the training course is to study and share the approaches taken through the implementation of feasible researches and making of action plans. It utilizes the government-university network built through the previous training course, which was more focused on the promotion of independent researches and dialogues between Ministries of Education and universities in Africa.

One of the expected outputs of the trainings - held in cooperation with the Center for the Study of International Cooperation in Education (CICE), Hiroshima University (Japan) - was the increase of understanding of the African participants by learning from Asian country(s)’s experiences and knowledge. The Asian country selected to host the supplementary trainings was Indonesia, as it has a long history of cooperation with Japan (JICA) for the improvement of education, especially Science and Math at the junior secondary level through Technical Cooperation Projects (TCP) of “IMSTEP” (1998-2005) and “SISSTEMS” (2006-2008).

The two TCPs, implemented by the Indonesia University of Education (UPI) with the supervision of the Ministry of National



Education (MONE) - Republic of Indonesia, contributed to the education improvement in the country by developing “Lesson Study”.

“Lesson Study” is a common practice developed in Japan to professionally develop teachers within the primary and secondary level. Teachers work in small groups; setting goals, making classroom lesson plans, observing the lesson implementation, evaluating and discussing the results, as well as revising the lessons. The process can be repeated to formalize final revisions and shared with other teachers.

UPI’s sustainability in developing the “Lesson Study” outside the initial pilot project site in Sumedang Regency (West Java) is the main reason it was chosen to host the supplementary trainings. If initially it involved four junior high schools and dozens of teachers (Science and Math), now “Lesson Study” has been developed in five other municipalities/regencies, involving hundreds of schools and thousands of teachers (Science and Math, Indonesian Language, and English).

It is interesting to note that UPI has also been independently collaborating with the Hiroshima University as well as other 26 universities from 18 African and Asian countries through the “Africa-Asia University Dialogue for Educational Development.” The forum acts as a means for sharing and learning experiences in developing education.

Personnel from three countries, i.e. Ethiopia, Burkina Faso, and Botswana, have participated in the two supplementary trainings. The participants are mostly senior staffs or researchers involved in education policy making and education planning. During the supplementary trainings - held before the main trainings in Japan - UPI facilitated their dialogues with Indonesia’s central and local government officials as well as UPI’s lecturers and students, conducting observation of “Lesson Study” implementation in several regencies. The participants also found through the trainings that UPI facilitates nearly a hundred of its lecturers to collaborate with teachers in Sumedang. The supplementary training impressed them with Indonesia’s endeavor to high-quality education, gave them new ideas on their curriculum development, and inspired them to include “Lesson Study” in education policy making of their respective countries. ■

UPI is a national university focusing on the education of candidate teachers and educators. Its Mathematics and Science Faculty building was developed through Japan’s Grant Aid, while two JICA Technical Cooperation Projects (TCPs) were implemented by UPI to help improve the particular school-subject in the junior secondary level. It has been hosting supplementary training for JICA’s trainings on lesson-study in Japan.



Supplementary Training on Climate Change : Learning Forest Management in the Middle of Borneo



Carbon emission reduction has been one of the key issues of countries around the world to address climate change. To reduce carbon emission, one must first have adequate capacity in forest management. As a mean to increase the capacity of developing countries, including in conducting their own researches and obtaining respective data, JICA in cooperation with the Ehime University (Japan) and the Center for International Cooperation in Management of Tropical Peatland (CIMTROP) of the Palangkaraya University (Indonesia) implemented a training course in mid 2010. The course was held both in Japan and Indonesia to learn about Japan's technology, experience, and knowledge as well as experiencing Indonesia's real forest conditions, and gain practical skills on forest carbon counting and reforestation. As many as 8 people with backgrounds of researchers, policy makers related to forest resources management from 5 countries (Kenya, Laos, Papua New Guinea, Paraguay, and Vietnam) joined the course. The training agenda in Indonesia included the practice and observation of reforestation efforts and tree volume measurement method of peat swamp forest in Central Kalimantan Province on the island of Borneo (Kalimantan). Moreover, the participants had the chance to present their own country's forest status and efforts at an international seminar on "Sustainable Bio-Resources for Global Welfare" in Bali as a means to enhance their communication skill and networking. ■



Project List

Implemented by GOI and JICA in JFY 2010

No.	Title of Project	Implementation Institution	Type	Name of Country (Participant)
Health and Social Welfare				
1	Vocational Rehabilitation for Persons with Disabilities	National Vocational Rehabilitation Center (NVRC), Ministry of Social Affairs	TCTP Group	Palestine, Bhutan, Laos, Zimbabwe, Timor-Leste(16)
2	Planning and Managing Behavioral Change Communication for Family Planning /Reproductive Health	National Family Planning Coordinating Board (BKKBN)	TCTP Group	Cambodia, Timor-Leste, Yemen, Ethiopia, Kenya, Mozambique (20)
3	Integrated Maternal, Neonatal and Child Health (MNCH) Services with Mother and Child Health (MCH) Handbook in the Era of Decentralization	Ministry of Health	TCTP Group	Morocco, Vietnam, Afghanistan, Lao PDR, Kenya, Bangladesh (14)
4	Improvement of Supportive Supervision of National Reproductive Health Center in Kabul (Community Health)	Faculty of Medicine, University of Indonesia	TCTP Single Country	Afghanistan (6)
5	Improvement of Supportive Supervision of National Reproductive Health Center in Kabul (Public Health)	Faculty of Public Health, University of Indonesia	TCTP Single Country	Afghanistan (3, 5, 6)
Education Development				
6	Education for Computer Based Industrial Automation	Electric and Electronic Polytechnic Institute of Surabaya	TCTP Group	Lao PDR, Sri Lanka, Cambodia, Vietnam, Tanzania, Rwanda, Kenya, Palestine, Pakistan, Nepal, Myanmar (13)
7	Partnership for the Project for Strengthening the Capacity of Tumba College of Technology in Rwanda	Electric and Electronic Polytechnic Institute of Surabaya	TCTP Single Country	Rwanda (7)
8			TCE	Rwanda (1)
9	Capacity Development for Research based Policy Formulation towards Quality Improvement in Education for Sub Saharan Africa	UPI (Indonesia University of Education), CICE (Center of the Study of International Cooperation in Education, Hiroshima University, Japan)	Supplementary Training	Ethiopia, Burkina Faso, Botswana, (5)
Agriculture Development				
10	Artificial Insemination on Dairy Cattle for Developing Countries	Directorate General of Livestock Services, Ministry of Agriculture (Singosari National Artificial Insemination Center)	TCTP Group	Yemen, Sri Lanka, Kenya, Sudan, Zimbabwe, Myanmar, Vietnam, Cambodia, Lao PDR, Afghanistan, Timor-Leste (20)
11	Participatory Training Program on Agricultural Extension Methodology	AAHRD (Agency for Agricultural Human Resource Development), Ministry of Agriculture	TCTP Group	Cambodia, Lao PDR, Timor-Leste, Vietnam, Myanmar, Egypt, South Africa, Indonesia, (16)
12	Project for Diffusion of Appropriate Agriculture Technology in Madagascar	AAHRD (Agency for Agricultural Human Resource Development), Ministry of Agriculture	TCE	Madagascar (1)
Others (Infrastructure, Poverty)				
13	Support for Timor Leste: Infrastructure in Road Sectors, South-South and Triangular Cooperation between Indonesia, Timor-Leste, and JICA	PUSDIKLAT-PU (Education and Training Center, Secretariat General, Ministry of Public Works)	TCE / TCP Single Country	Timor-Leste (20)
14	Micro Finance for African Region: Establishing Micro Finance Institution (MFI)	NAM-CSSTC (Non-Aligned Movement Centre for South-South Technical Cooperation)	TCTP Group	Ethiopia, Kenya, Namibia, Uganda (10)
15	Capacity Building for Poverty Reduction	CESS (Center for Economic and Social Studies)	TCTP Group	Lao PDR, Myanmar, Vietnam, Timor-Leste, Ethiopia, Kenya (15)
16	Capacity Development for Carbon Budget Measurement of Tropical Forests to React to Climate Change	CIMPTROP (Palangkaraya University), Faculty of Agriculture, Ehime University, Japan	Supplementary Training	Lao PDR, PNG, Paraguay, Vietnam, Kenya (8)
17	Strengthening Community Mediation Capacity for Peaceful and Harmonious Society	PADECO Jakarta Regional Office	TCTP Single Country	Nepal (7)

TCTP : Third Country Training Program, TCE : Third Country Expert

Activity List

For Indonesia's Capacity Development in JFY 2010

Research, Seminar and Workshop Activities						
No.	Title of Activities	Executing / Host Institution	Implementation in 2010		Scope / Venue of Activities	
1	Policy Research Policy Direction for South-South Cooperation	CEACoS (Center for East Asian Cooperation Studies), University of Indonesia	April 1- August 31, 2010		Nationwide	
2	National Seminar on South-South Cooperation	BAPPENAS (under Working Group for Capacity Building & Knowledge Management of A4DES)	July 29, 2010		Jakarta (BAPPENAS)	
3	Basic Study for South-South Cooperation Program	PT. Indokoei International (Consultant)	January 12 - March 31, 2011		Nationwide	
4	Research implementation on South-South cooperation analytical work (OECD/DAC)	Mr. Adik Bantarso Bandoro	February - May, 2011		Asia-Pacific Region	
5	Workshop on Formulation of Evaluation Mechanism of International Capacity Development	SETNEG, MOFA	December 2, 2010		Jakarta (SETNEG)	
Human Resources Development						
No.	Title of Training	Institution of Participant	Type	Coop Period	Period of Implementation	Name of Institution
1	Scholarship to Japan: Future Leaders Program for International and Regional Cooperation (Master's Degree)	SETNEG	Group and Region Focused Training (Long-Term) in Japan	2010	March 2011 - March 2013	University of Waseda, Tokyo, Japan
2	Scholarship to Japan: Peace and Conflict Studies (Master's Degree: International Studies)	MOFA		2010	March 2011 - March 2013	Tokyo University of Foreign Studies, Tokyo, Japan
3	Training to Japan: Strengthening for Implementation Capability of Development Training under South-South Cooperation	SETNEG, MOFA		2009 - 2011	January 30 - February 9, 2011	JICA Tokyo, Japan
4	Training to Japan: Knowledge-based Management for ASEAN	MOFA, KADIN		2010 - 2012	November 13- November 19, 2010	JICA Tokyo, Japan
5	Training to Japan: Management of Human Capacity Development	PUSDIKLAT-PU (Education and Training Center, Secretariat General, Ministry of Public Works)		2010 - 2012	February 22- March 12, 2011	JICA Tokyo, Japan
Mission Dispatch, Project Formulation Meeting, International Conferences						
No.	Title	Participated Institution	Number of Participant		Name of Country	
1	Field Survey Team for the International Training on Documentary TV Program Production	MMTC (Multi Media Training Center), Ministry of Information & Communication	May 2-7, 2010	3	Bhutan (Thimphu)	
2	J-SEAM (Japan-Southeast Asian Meeting for South-South Cooperation) Annual Meeting 2010	SETNEG, MOFA, JICA	June 15-18, 2010	4	Philippines (Manila)	
3	The 3rd CARD (Coalition for African Rice Development) General Meeting	Ministry of Agriculture	May 17-20, 2010	1	Tanzania (Arusha)	
4	South-South Cooperation Meeting on Road Sector between Timor-Leste and Indonesia (GOI-GOTL-JICA)	Ministry of Public Work (Indonesia), Ministry of Infrastructure (Timor Leste), JICA	May 24, 2010	21	Indonesia (Bali)	
5	Fact Finding Mission for Capacity Building for Timor Leste Road Sector	Min of Public Works (Indonesia), MOFA, SETNEG, JICA Indonesia	November 8-12, 2010	8	Timor-Leste (Dili)	
6	Japan - Indonesia Joint Fact Finding Mission on the assistance in the area of institution and capacity building towards establishing a viable Palestinian State	GOI (led by MOFA), MOFA Japan, Embassy of Japan, JICA	February 14-19, 2011	11	Palestine (Ramallah), Jordan (Amman)	
7	Triangular Cooperation: Towards Horizontal Partnership, but how?	TT-SSC (The Task Team on South-South Cooperation), The Government of Indonesia, with the support of GIZ, ADB	February 28- March 1, 2011	6	Indonesia (Bali)	
Publication, Public Relation						
No.	Title	Participated Institution	Impl.			
1	TV Program production "Indonesia untuk Dunia"	Broadcasted 30-minute program on Trans 7 TV Station (Indonesian)	April 2010			
2	Booklet for South-South Cooperation	30 page, color, (Indonesian, English)	March 2011			

JFY : Japan Fiscal Year

Copyrights © 2011 by JICA Indonesia Office, All rights reserved.

Published by JICA Indonesia Office

Sentral Senayan II 14 th floor Jl. Asia Afrika No.8, Jakarta 10270, Indonesia
Printed in Republic of Indonesia

Title:

Indonesia : Emerging Partner in International Development

Sub Title:

JICA's Support for Indonesia's South-South Cooperation - Triangular Cooperation

Publisher

Motofumi KOHARA, Chief Representative

Credits

Editorial Team

- Dinur Krismasari
- Erina Nakamura Saragih
- Lingga Kartika
- Shigeki NAKAZAWA

Art Director

- P.T. Gama Linggatama

Photograph credits

- A4DES
- BAPPENAS
- BBIB (AIC) Singosari, Ministry of Agriculture
- BBRBVD (NVRC), Ministry of Social Affairs
- BKKBN
- BPSDM (AAHRD), Ministry of Agriculture
- CESS
- Ehime University, Faculty of Agriculture
- Kenshiro IMAMURA
- Ministry of Health
- NAM-CSSTC
- PENS (EEPIS) - ITS
- PUSDIKLAT (Education and Training Center), Ministry of Public Works
- SETNEG
- STMM (MMTC), Ministry of Communication and Information
- Trans 7 TV
- UPI
- YKB

Article contribution

- Achmad Rofi'e (NAM-CSSTC)
- Adi Sasongko (YKB)
- Andi Ikhwan (CESS)
- Edi Kahayanto (Ministry of Foreign Affairs)
- Kitso Kusin (Palangkaraya University)
- Mochammad Iqbal (SETNEG)
- Mochammad Zen Samsono Hadi (EEPIS)
- Sasongko Pramono Hadi (MMTC)
- Sumar Hendayana (UPI)



Japan International Cooperation Agency



Indonesia Office

Sentral Senayan II, 14th Floor
Jl. Asia Afrika No. 8
Gelora Bung Karno - Senayan
Jakarta Pusat 10270
Tel. (62-21) 5795 - 2112
Fax. (62-21) 5795 - 2116
Homepage : www.jica.go.jp