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International Cooperation Seminar for the Central and South American Countries

The seminar of the above title was held at JICA Kyushu for two days in mid June with 16 representatives from JICA recipient countries in the Central and South America. In the evening of the first day, an informal meeting was held at the Industry Club of West Japan attended by Mr. Kasahara, Director General of JICA, and Dr. Kohno, President of KITA. (Refer to the Page3 of this article for details.)

Message from President of KITA



Thinking about "Reduce", one of 3Rs

We have frequently encountered abnormal weather in recent years, apparently caused by global warming, and we feel hard pressed to find solutions for environmental conservation. Thus, it was quite natural to choose such themes as the major topics discussed at the G8 Hokkaido Toyako Summit in July.

As you may know, the slogan, "3Rs", stands for "Reduce", "Reuse" and "Recycle". In this article I would like to discuss the first R, "Reduce". Generally "Reduce" is used to designate reduction in the amount of waste produced. As waste is produced throughout various production activities, it would be difficult to achieve the goal of reduction unless we precisely find out which process is making which waste, in addition identifying the cause of the waste and what we do to correct it. When we look into production stages, we can easily identify numerous areas where reduction is possible: less raw material, less energy, fewer processing steps, less labor, less time, less transportation, and so on and so forth. What's more, these factors are not independent of one another; rather, they are interrelated, so a comprehensive plan needs to be developed. In the case of a short production process or simple system, it might be easy to develop such a comprehensive plan. But it would be extremely difficult when we want to develop and implement a comprehensive plan that optimizes each

process of a long or complex process while optimizing the whole system at the same time. In order to solve this puzzle, a way of thinking was developed that can be expressed in a simple sentence "To produce required things at required time, and only required quantity". It suggests that your planning process should take an opposite side approach starting from the bottom end of the process rather than from its top. If a product is produced with no demand for market, that makes only waste. If something is produced when it is not required, it will stay in stock occupying space and time gets wasted, too. If you overproduce it, that is wasteful as well.

Until some time ago standardization, mass production and mass consumption were enthusiastically pursued since people believed that such tendencies would raise the living standard of the general public. But times have changed. Now we must ask ourselves fundamental questions about such an insatiable materialistic life and the need to establish a social system pursuing a policy of "Reduce".

KITA is putting a lot of effort and energy into various training courses focusing Cleaner Production (CP) that is based on "3Rs". We look forward to meeting with many people for fruitful discussions on this subject.

Dr. Takuo Kohno



The commemoration and delightful news

Welcoming More Than 5,000 Participants from Overseas

KITA welcomed 3 Brazilian participants for a course starting August 11, 2008, bringing the total to over 5,000 participants on a cumulative basis.

KITA was established in 1980 and offered a course called "Steel Products and its Testing and Analysis" in August that year for JICA trainees. Since then, for 28 years, KITA has been providing training and education to engineers and administrators from developing countries.

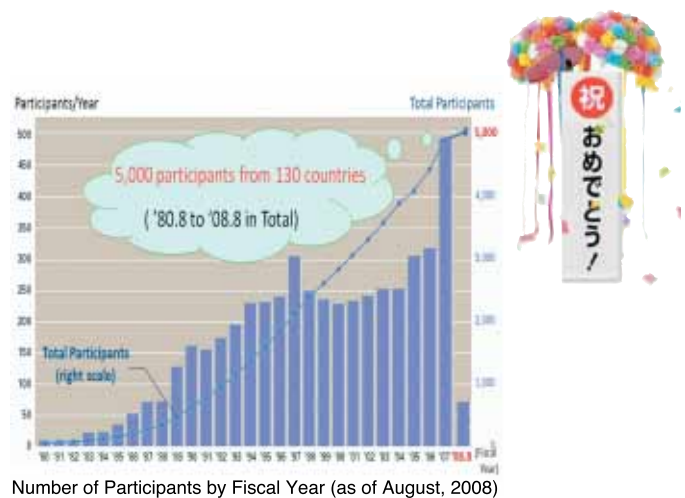
The following list provides the details.

- (1) KITA's primary service has been, since its establishment, the training of engineers and administrators from developing countries who visited Japan at JICA's invitation. Participants to JICA courses now total 3,867, accounting for 77%.
- (2) By region, participants from Asia come to 3,371, accounting for 67%. But we have participants coming from 130 different countries, almost all parts of the world.
- (3) The training offered is subdivided into two primary courses: a production technology course, that teaches cleaner production and equipment maintenance, and an environment management course, that teaches prevention of air and water pollution. In recent years, in an attempt to accommodate emerging needs, we

have expanded the courses by adding technology for energy saving, promoting of a recycling-based society, and local revitalization and human resources development.

KITA will continue making efforts, to contribute to the sustainable development of human societies and global environment through the cultivation of human resources.

Muneo Fujishige
Administration Bureau of KITA



Invitation to KITA Seminar from 16 JICA Recipient Countries from Central and South America

JICA has set sustainable economic growth as the objective for their assistance to Central and South America. In order to achieve this goal nurturing small and medium enterprise and improving productivity and quality are the challenges that must be taken on.

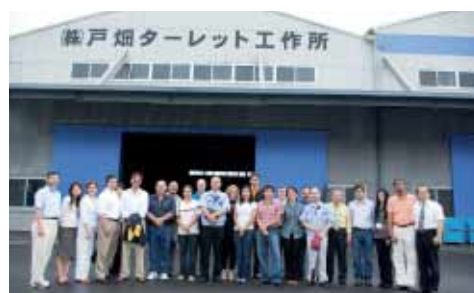
Taking entrust by JICA Kyushu, KITA offers five courses in human resource training. JICA held a two-day regional program, "International Cooperation Seminar for the Central and South American Countries," in mid June involving 16 persons from 16 different recipient countries. Participants were representatives of each country, including the Vice Minister of the Honduran Secretariat of the Presidency and the Vice Minister of the Paraguayan Ministry of Finance, which shows their high level of expectations for the aid plan of JICA.

During the seminar the participants experienced a demonstrated KITA seminar to get impression of its usefulness. What they experienced were lectures of "small and medium enterprise's roles in economic development in Japan," which was presented by the author, and "Supporting policies for small and medium

enterprise," given by the city of Kitakyushu; in addition, there were visits to Kitakyushu Eco-Town and Tobata Turret. In addition, JICA Kyushu explained about training courses for Central and South America.

We received favorable comment from the participants, indicating their high degree of satisfaction. It is our hope that KITA/JICA training courses will have more important role to advancing sustainable economic growth in participating countries.

Yoshio Miki
Course Leader of KITA



The visit to Tobata Turret Co.Ltd

Toward "Environment Model City"



【Contribution Article】

Kitakyushu City's Challenge against Global Warming as an "Environment Model City" in Japan

Reiji Hitsumoto

Director of Office for World Capital of Sustainable Development, City of Kitakyushu

On July 22, Kitakyushu City was honorably selected as one of the "Environment Model Cities" as part of Japan's actions to lead the world in cutting greenhouse effect gas emissions and convert to a low carbon society. 82 local governments in Japan filed for "environment model city" designation and the Japanese government has selected six municipalities including Kitakyushu City. Industry, academia, government and citizens have been worked together to take environmental measures in Kitakyushu City and we have proposed that our experience and technologies will be very useful for creating the low carbon society in Asia cities. This approach was highly evaluated in the selection of environment model cities.

"What are the environment model cities?"

The environment model cities will conduct their proposal for drastic reduction of greenhouse effect gas emissions. Their approaches will be good examples for establishing a low carbon society and pave the way for changes of the country. In the implementation steps of the action plan, they are eligible for comprehensive assistance by the national government, for example study on a new institutional framework.

"Proposal of Kitakyushu City"

(1)Content of Proposal

- Theme

We will realize an "Environmental Frontier City in Asia or Carbon Free City in Asia" to take a lead in building a low carbon society in developing Asian countries

- Basic Concept

We will "establish a stock-type society that can accumulate affluence over generations" by utilizing the local eco-power of industry, academia, government and citizens

- Subjects

Specific steps for five subjects are proposed.

"Conversion to a stock-type city" - for example building a 200-year-lasting town

"Creation of the next generation industry" - to utilize waste energy of industry for urban life and establish

the technological center and the manufacturing base of products which contribute to a low carbon society
"Development of human resources to support a low carbon society" - to utilize the stock-type city infrastructure and develop technology and systems for a low carbon society

"Creation of affluent living" - to review our approaches and create a new sense of value and culture

"Transfer our knowledge and experience to other industrial cities in Asia" through city-to-city international environmental cooperation in cooperation with Asian Low Carbon Centre which will be established in the near future.

(2)Target of Reduction of CO₂ Emission

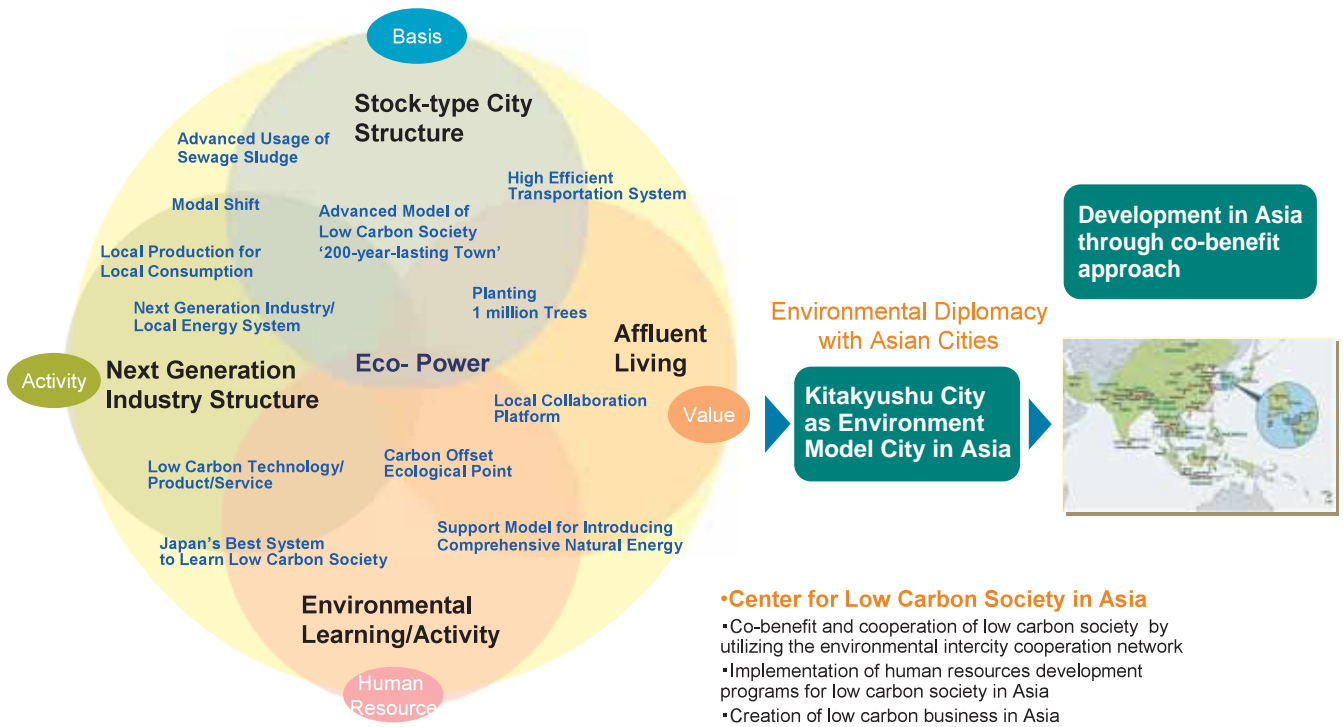
We plan to reduce CO₂ emissions by 8 million tons, 50% to the 2005 levels in the city with 40% of economic growth, and cooperate with Asian countries/cities to reduce 23.4 million tons, 150%. Total reduction of CO₂ emission will be 31.4 million tons, which is equivalent to 200% reduction of Kitakyushu City's emission in 2005.

Kitakyushu City and KITA have been worked closely together for international cooperation. We will strengthen further our ties to collaborate with Asian countries and cities for building a low carbon society. We believe that economic growth and environmental conservation will be coexisting (win-win). Your participation will be very welcomed.



Mr. Kitahashi, Mayor of Kitakyushu City (left) and Mr. Fukuda, Prime Minister at the certification ceremony of "Environment Model City" (Courtesy of Kitakyushu City)

Kitakyushu City's Challenge as an "Environment Model City"



Recent activities for overseas development cooperation

Seminar on Co-Benefits – Energy Conservation and Emission Reduction – in Dalian City, China

We were entrusted by Kitakyushu City to conduct a feasibility study on energy conservation and eco-business in Dalian City of China in March 2008. The study aims at analyzing the feasibility of the project to assist Dalian City, which is developing energy conservation measures, in utilizing the energy conservation technologies accumulated in Kitakyushu City.

As part of the project, we held "Seminar on Co-Benefits – Energy Conservation and Emission Reduction". After listening to a keynote speech by professor Yang, Dalian University and presentations on activities in various cities including Kitakyushu, Dalian, Qingdao, Tianjin and Yantai, the participants had a lively exchange of views and ideas. As representatives of Kitakyushu City, Dr. Fujimoto, Mr. Wada, and Mr. Tanaka, who are experts of KITA, participated in the seminar to make presentations on case studies. We also had a plant visit to the local company which has introduced the latest energy conservation technology.

In this study, we understood the situation and the

energy conservation measures in Dalian City. We have suggested more active exchanges between the two cities on the energy conservation technology. TV covered the seminar and the plant tour, and it was broadcast on the program featuring the international environment cooperation between Kitakyushu City and Dalian City.

Sayuri Yamaga
KITA Environmental Cooperation Center



Discussion at the seminar



Taishan electric-power plant in Dalian

Recent activities for overseas development cooperation

Introduction of Newly Planned Training Course "Environment-friendly Steel Manufacturing Technology" to Thailand and Viet Nam

We are now facing grave issues of the depletion of natural resources and global warming. For the industries, whose raw materials are natural resources, to continue to be useful to human beings, acceleration of energy saving and green action must be essential. The steel industry is a core industry in many countries, but at the same time, it consumes a lot of resources. That is why energy saving and green action is far more significant in steel industry than other industries.

When KITA terminated the "Steel Production Technology Course" that has been offered for 27 years since KITA's establishment, we made it an opportunity to reexamine the content of the course to make it more useful to solve the issues of energy saving and green action mentioned above.

This May, I had an opportunity to attend the annual meeting of SE AISI* and to visit Mr. Wikrom, Managing Director of the Iron & Steel Institute of Thailand and Mr. Tam, General Secretary of the Viet Nam Steel Association. I explained the basic idea of the new course and asked for their opinions. Both expressed their expectations for this course saying that the course would be very effective in improving iron and steel self-sufficiency rate and green action

in Southeast Asia and that if there is an opportunity, they are sure to send participants. The course under review actually is divided into two programs: one is for engineers of iron and steel making and another for materials engineers. Both programs aim at solving issues that they are facing in their daily work and upgrading their abilities for future needs.

*SE AISI : South East Asia Iron & Steel Institute

**ISIT : Iron & Steel Institute of Thailand

Dr. Masakatsu Ueno
Course Leader of KITA



Meeting with Mr. Wikrom, Managing Director of ISIT**

SAPI* Study for Medan Flood Control Project in Indonesia

Medan City is one of the biggest cities in Sumatera Island of Indonesia, and like many other Asian cities, it has a serious solid waste problem. Illegally dumped wastes in rivers cause a sanitation problem in a flood.

To solve this problem, we conducted a study and a pilot project to promote separation of domestic waste and composting in the city. It was entrusted by JBIC** and implemented as a joint venture between KITA and CTI***.

We held workshops to instruct residents along the rivers, women groups, and government officials on how to separate domestic waste and how to compost it. To introduce the waste bank in the future, we explained 3R**** and separation of recyclable materials, and distributed compost containers to one hundred households in the pilot project area. Citizens started some voluntary activities, such as making 3R promoting groups in the community.

Based on the result, we have suggested solutions for the solid waste problem in the city.

**JBIC : Japan Bank for International Cooperation

***CTI : CTI Engineering International Co. Ltd

****3R : Reduce, Reuse, Recycle

Emiko Murakami
FAIS (Kitakyushu Foundation for the Advancement of Industry Science and Technology)
(She belonged formerly to KITA Environmental Cooperation Center)



Workshop : Participants practicing separation of recyclables



Composting at households is spreading

*SAPI : Special Assistance for Project Implementation

Progress in Technical Cooperation with Chelyabinsk, Russia

ROTOBO* has been collaborating for several years with KITA and the City of Kitakyushu in supporting business matching between Kitakyushu and Chelyabinsk as part of grant-aided projects of the Ministry of Economy, Trade and Industry. As a result, businesses in several areas including slag treatment have found partners and are exploring paths forward.

In Chelyabinsk waste treatment plants are located close to residential areas and do not meet national standards. Therefore, the city has been developing "Grand Design(GD)" for environmental improvement mainly by building new final landfill disposal and incinerator facilities. In economic interchanges with Kitakyushu, Chelyabinsk has shown strong interest in a waste treatment plant and Kitakyushu Eco-Town. The city has decided to incorporate Kitakyushu's know-how and expertise into their existing environmental improvement project to make it a state-of-the-art project. A working group for Waste Treatment GD has been set up, headed by the vice governor of the state. KITA is providing advice and guidance for developing the GD as a ROTOBO project for FY2008.

*ROTOBO : Japan Association for Trade with Russia & NIS

Kazuya Kudo
Director of Technical Cooperation Division, KITA



At the control room of Shin-Moji Incinerator Facility



Courtesy call to Mayor Mr. Kitahashi

Environmental Improvement Activities through Cleaner Production (CP) in Haiphong City, Viet Nam

We visited Haiphong City again in early July this year. The purposes of the visit were:

- 1) To check on the progress of corrective actions for pollution by Traco Company, a carbide manufacturer for which we provided guidance last fiscal year;
- 2) To come to agreement on the activities under JFGE* Grant for this fiscal year.

As the major component of the solid waste produced by Traco Company is calcium hydroxide, we proposed that it should be treated as part of the raw materials for a cement factory located in the vicinity. Originally the cement factory showed reluctance about the proposal. When we explained to them about a specific spot in their process and a way to add the solid waste, they finally agreed to undertake the treatment. On the premise that the treatment proposal would be accepted, both companies planned to start discussing conditions of the transaction. The key here is treatment cost and interfacing by the city authorities. In Japan, it is generally the company that produces the industrial waste that bears a reasonable treatment cost. It is our hope that based on this practice Traco Company's pollution issue will be resolved soon.

*JFGE : Japan Fund for Global Environment

Dr. Ken-ichi Fujimoto
Technical Cooperation Division, KITA



Presentation concerning pollution prevention technology to the CEO of Traco Company



Discussion with the Director of the Haiphong Association for Environmental Protection

Close-up of some KITA training courses

Impression on Egypt's Quality/Production Management Technical Course attended by lively staff of "KAIZEN Center"

Under the influence of globalization, Egypt is seeing that enhancement of quality and productivity is increasingly important. Two years ago "KAIZEN Center" was established with JICA's support, but to be run by the Egyptian government. JICA/KITA have been cooperating in the training of staff of this Center.

Egypt originally requested that "5S's* and IE**" be taught. However, for the continuous improvement of productivity, we believed that they needed to learn about general technology for quality and production systems. So, we developed a two-month course including the topic, "quality/production control technology". Two persons from the center completed the course in the spring of this year.

We experienced a series of surprises and bewilderment. When learning something new, the participants were puzzled and their original responses were, "How should we do a workshop with such short notice", or "Are you talking about a fairy tale?" The lecturers also struggled trying to find better ways to teach so that they would be understood. But when the end of the course was approaching, we found a change in them, and they said to

us, "We understand the importance of what we learned but it would be very difficult to implement and make the practice wide spread in Egypt".

We feel it successful that there should be many paths to that end. We will follow-up by visiting sites and providing guidance to develop this Center into real "KAIZEN Center".

*5S's : SEIRI(Clearing),SEITON(Organizing),SEISO(Cleaning),
SEIKETSU(Standardizing),SHITSUKE (Training & Discipline)

**IE : Industrial Engineering

Tadashi Miyamoto
Course Leader of KITA



A business card with the name of the division, "KAIZEN Center"

"Blue Skies Connect the World" by Establishing Legislation for Environment Management ("Design method for environmental pollution quality standard and regulation" Course)

A three-week course was held in March this year for people in managerial positions in developing countries, who have some degree of authority at national and local levels in decision making for policy proposals and implementation. It primarily consisted of lectures and instruction on environmental policies, by which means they learned ways to develop standards for air pollution and restrictions for industrial effluent in an attempt to solve environmental problems. We selected subjects hoping they would trigger active discussions among the various participants.

11 people participated from 11 different countries, ranging from large countries such as China and Brazil to small countries such as Kiribati in the south Pacific and Djibouti in Africa that have populations numbering only in the hundreds of thousands. The situations in these countries vary greatly but everyone shared an enthusiasm in searching for clues for solutions for the environmental issues faced by each country. During the course participants became involved in heated discussions. Developing countries have good standards and laws in place. Nonetheless, environmental improvement is hard to accomplish due to financial or technical barriers.

Participants learned about more effective policies and methodologies they could employ. Each participant showed high abilities and sometimes they kept up the discussions among themselves even after class.

We sincerely hope that they will be able to leverage what they learned in Japan and play a core role in their respective environmental initiatives either at a national or local level.

Kiyoshi Haraguchi
Course Leader of KITA



At Nagasaki Research & Development Center, Mitsubishi Heavy Industries, LTD.



Air pollution simulation workshop (The University of Kitakyushu, Faculty of Environmental Engineering)

Site Survey for Preparation of New Course, "Promotion of CP* for Southeast European Region"

The targeted five Southeast European countries place the utmost priority in their national policies on EU accession by stabilizing the domestic situation and transforming themselves into free market economies.

However, their key industries such as power, steel and petrochemicals face many issues in the areas of productivity and environment. JICA and KITA believe that the introduction of CP* could be a valid solution to their issues, and so will offer above-mentioned course which will start in November this year. Meanwhile, UNIDO** established NCP-C*** in Serbia and Macedonia last fall.

As preparation for this course, a team visited NCP-C in Serbia and Macedonia to exchange views with participants who took KITA training courses in the past and with officials of relevant agencies as well as to inspect local companies. As a result, we have decided to prepare that the course will be comprehensive, covering topics for securing productivity, reducing environmental burdens, and promoting energy and resource conservation. The target industry are not only large and heavy industry but also factories processing food and agricultural products. Therefore the course will also include visits to small- and medium-sized companies to study their CP adoption

experiences.

We believe it is timely to offer this course can contribute to their building of a foundation for future sustainable industrial development by utilizing NCP-C effectively.

*CP : Cleaner Production

**UNIDO : United Nations Industrial Development Organization

*** NCP-C : National CP Center

Yasushi Nishino
Course Leader of KITA



Visit to the CP Center
in Macedonia



Visit to the Ministry of Environmental
Protection, Republic of Serbia

New Training Course : "Technology for Energy Conservation in India" has been ready

A four-week course concerning Technology for Energy Conservation will be held from December 1 to 26 this year for participants from India. This course will be offered for three years for 30 persons per year. This course was designed based upon the request from India which was confirmed during our visit in April last year.

Energy management systems in India work quite differently than in other developing countries. Laws and regulations are put in place. They conduct a qualification test for energy examiners and an energy consumption monitoring system performed by external auditors is in order. This course is designed for engineers who are already engaged in energy audits and management with the energy examiner qualification.

Due to the above background, the course intends to: 1) expand the scope of technology they have already acquired and 2) deepen their expertise. For the first purpose of the expansion, while recognizing that teaching energy conservation technology is important, we also plan to dig deeper into educating participants about Machine Condition Diagnosis Technique, which we assume is primarily learned by equipment-related engineers only,

and not by other engineers of different disciplines. For the second purpose, we will take up topics of general technology such as inverters, lighting, and steam.

As we anticipate that expertise levels of participants may vary greatly, we will flexibly adapt and improve the content for the second year onwards based on the results of the first year.

Dr. Takatsugu Ueyama
Course Leader of KITA



Practical training about diagnosis
equipment to expand the scope of energy
conservation technology
(An example of another similar course)



An energy conservation class for lighting
equipment to be taken up as a general
energy saving technology
(An example of another similar course)

The delightful news and letter from overseas

Capacity Building of Instructors for Environmental Education in Semarang City, Indonesia – JICA Grass Roots Partnership Project

We had conducted the project on the capacity building of instructors for environmental education in Semarang City from May 2006 to March 2008. In this project, 37 elementary school teachers were certified as instructors by the Education Bureau of the city. After finishing the seminar, the teachers have created a forum, and they utilize their experience and knowledge at school.

35 representatives of residents along the Bajak River in Jomblang District, which was a previous project area, were certified as instructors by the Environment Bureau and the Development Bureau of the city. Reduction of garbage by composting and recovery of recyclable materials are now in progress.

The purpose of this program was to create the core of

the environmental education so that it can be disseminated and expanded more even after the completion of the project. And we realize that it is bearing fruits.

Kozo Kido
Course Leader of KITA



Residents participate in cleaning up the Bajak River.

Activities of former participant in Plant Maintenance Management for CP* : Passing on the Benefits of the Seminar and Enhancing an Action Plan

Two months after his return to his home country upon completing the course in FY2007, we have received good news from Mr. Rolando Fuentes Reves, a Maintenance Engineer at Bolivian national petroleum company. He has been teaching his colleagues and maintenance staff about insights into maintenance techniques he acquired in Japan for achieving cleaner production, as well as other experience acquired in Japan. He not only teaches at oil refineries that he belongs to but at other refineries as well. He says that students have shown strong interest.

An action plan he took as an assignment after completing the course in Japan was to develop a management system for maintenance spare parts from view-points of optimum classification, procurement methods and storage, in order to achieve a reliable supply

of spare parts. At the present time he is collecting information for this assignment while teaching classes in parallel as well. We look forward to the enhancement of the plan and the great results it will produce.

* CP : Cleaner Production

Takashi Ishikawa
Course Leader of KITA



A participant teaching others what he learned in the course in Japan after returning to his country

KITA international training courses in FY2008

Training course type

JICA Group training	JICA Area-focused training	JICA Country-focused training	KITA Individual training
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No	Title of training course	2008												2009						Course Leader	Capacity
		4	5	6	7	8	9	10	11	12	1	2	3	4	5	6					
Environment management																					
1	(Middle East) Industrial pollution control management																	Kawasaki (Tsukamoto)	7		
2	Industrial wastewater treatment technique																	Arakawa	8		
3	Domestic wastewater treatment technique																	Ogawa	10		
4	(Southwest Asia) Solid waste management																	Haraguchi	8		
5	(Southeastern Europe) Promotion of Cleaner Production																	Nishino	14		

KITA international training courses in FY2008

Training course type

JICA Group training	JICA Area-focused training	JICA Country-focused training	KITA Individual training
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No	Title of training course	2008												2009						Course Leader	Capacity
		4	5	6	7	8	9	10	11	12	1	2	3	4	5	6					
6	(Algeria) Environment management for industry and city life																	Kido	10		
7	(Philippine) Capacity development in urban and industrial environmental management																	Minami	10		
8	Design method for environmental pollution quality standard and regulation																	Haraguchi	8		
9	(Saudi Arabia) Designing of treatment plants for advanced treatment technology and sludge management																	S.Yasuda	15		
10	(KOICA-JICA) Environmental protection technology and management for air pollution control																	Nishino	16		
11	(KOICA-JICA) Energy conservation and environment conservation for East Asia																	Kawai	16		
12	Maintenance for sewerage & management for wastewater treatment																	Minami	9		
13	Waste management technology & environment education																	Kido	9		
14	(Argentine) Solid waste reduction in Japanese local government																	Kawasaki	3		
15	Training course of environment conservation for oil producer in Middle East																	Tanaka Wada	10 × 2		
Production technology , Plant engineering and CP																					
1	(Malaysia) Production management																		10		
2	(South America) Practical production management																	Miyamoto	8		
3	Plant maintenance management for Cleaner Production(CP)																	Ishikawa (Ono)	6		
4	Computerized machine control for mechanical automation																	Taniguchi	5		
5	(Central and South America) Cleaner Production in process industries (A), (B)																	Abe	(A) 8 (B) 7		
6																					
7	Non-destructive inspection technique for quality management and plant asset management																	Toyama	8		
8	(Egypt) Quality and productivity management technique																	Miyamoto	2		
9	(Asia) Audit technology for energy conservation and plant diagnosis (A) : energy conservation technique course																	Yazu	7		
10	(Asia) Audit technology for energy conservation and plant diagnosis (B) : machine diagnosis technique course																	Ueyama (Aoki)	7		
11	(India) Technology for energy conservation																	Tanaka (Ueyama)	10		
Promoting of Recycling-based Society																					
1	(China) Promotion of circular economy																	Sashiwa	10 × 2		
2	(Asian Countries) Construction and Designing for sound material cycle society																	Kawai	12		
3	(ASEAN+ India) Asian sustainable society development (programmed by prefecture)																	Tajima (Sashiwa)	8		
4	(China) Asian sustainable society development (programmed by prefecture)																	Tajima (Sashiwa)	7		
Job training , Local revitalization and Others																					
1	(Central and South America) Job training coordinated with industry																	Miki	12		
2	Occupational & environmental health management for sustainable development																	Takahashi	7		
3	Food sanitation administration																	Terasaki	10		
4	(South America) Vitalization of medium and small sized enterprise for local industry																	Miki	8		
5	Economic development of the area : Local Activation course for Japanese descendants																	Miki	5		
6	(China) Human resources development for business world in Dalian																	Ueno	8		
Human Resource Development for Asia (part 1)																					
1	Sewerage management technique for Hohhot																	S.Yasuda			
2	Sewerage management technique for Kunming																	Tsuruta			
3	Establishment of the environmentally-sound material cycle society for Guizhou University																				
4	Environmental Management for Iraq																	Fujimoto			
5	Sewerage management technique for Guiyang																	Tsuruta			
6	CRAIR participant training																				
7	Establishment of the environmentally-sound material cycle society for Liaoning																	Sashiwa			
8	Human resources development for Environmental Division of the Organization for the East Asian Economic Development																	Sashiwa			

The detail of the course & annual schedule can be seen in KITA 's Web site (<http://www.kita.or.jp/>)

(as of September 03, 2008)

Topics and Information

An active Lecturer assigned by KITA at the "KAIZEN Center" in Egypt

In Egypt a "KAIZEN Center" was established two years ago aided by JICA, the center being managed by the Egyptian government. JICA has dispatched Experts to the center to help activities to take root in the country.

I am now on a three-month assignment to provide guidance on IE and production management which includes providing advice to several local companies such as Toshiba Araby and MacCarpet as well as holding management seminar.

It is my sincere hope that my activities will be useful to promote Egyptian counterparts should become key persons

in developing industries.

Shunji Rikimaru
Lecturer of KITA / Expert of JICA



A production management seminar(QC) organized by the "KAIZEN Center"

Delightful KITA's Bus Tour Supported by Soroptimist International in Kitakyushu City

To promote international friendship among different nationalities, KITA has been conducting bus tours five or six times a year. Of those tours organized by KITA, one is sponsored by Soroptimist International of Kitakyushu, and another one, co-sponsored by Soroptimist International of Kitakyushu-Nishi for JICA participants who stay at JICA Kyushu International Center on a medium- to long-term basis. The tours visit historical sites and scenic places in Kitakyushu City, another cities in Fukuoka Prefecture and neighboring prefectures, and each one of them has been well received by participants taking part in a bus tour. Both local Soroptimist clubs have shown profound understanding toward the lofty missions of KITA in the international arena of technical cooperation. Soroptimist International of Kitakyushu started to provide support in 1980, the year of the foundation of KITA and Kitakyushu-Nishi in 1985; and the goodwill bus tours began in 1990.

Participants expect to learn the "spirit and soul" of Japan in this technology-oriented country. Through the bus tours they come into contact with obviously beautiful Japanese natural landscapes, but in addition they find out about history, tradition, culture and seasonal events and customs, ways Japanese think and feel, and hospitality that remains unchanged with the passage of time.

The program provides us great joy as we see that participants have refreshed themselves spiritually and physically with it, and also energized still more for the rest of their training days ; the fact that encourages us most is that the program has helped increase Japanophiles with a slow but steady pace !

Ikuko Eto
Administration Bureau of KITA



At Kozanji Temple, Chofu, Shimonoseki



At Shimonoseki Marine Science Museum "Kaikyokan"

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Kitakyushu International Techno-cooperative Association (KITA ; kaita)

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