

Not only as a bridge between the people of Japan and developing countries, JICA strives to act as a bridge between people and public sector in Sudan. JICA offers support to state and federal governments to ensure and improve social services through outlining supervision and

management system in various public sectors. We cover areas of Basic Human Needs (BHN) such as water sanitation, food security, and health and social infrastructure focusing on sharing of knowledge and experience to improve services directed to the community.

## Water Supply

**The Project for Urgent Improvement of Water Supply Facilities in Kassala City**  
 <Grant Aid> East and West Districts of Kassala City January 2012-March 2013

JICA Program on Assistance for Water and Sanitation focuses on 1. Maintenance of water and sanitation facilities and improvement of management capacity in urban and rural areas, and 2. Improvement of water and

**Project for Human Resources Development for Water Supply in Phase 2**  
 <Technical Assistance> KHARTOUM, SINNER, WHITE NILE

November 2011-October 2015  
 Project Counterparts: Public Water Corporation

The project aims at human resources in a water supply sector are well trained in several regions.

As project outputs the project focuses on implementation of training courses by Public Water Corporation Training Center (PWCT) based on its mid-term/long-term human resources development plan as well as implementation of training course by pilot SWCs (White Nile and Sinner) in collaboration with PWCT.

sanitation administration. Targeting the beneficiaries of about 90,000 people, the project aims at facilities rehabilitation in the east and west district of the city.



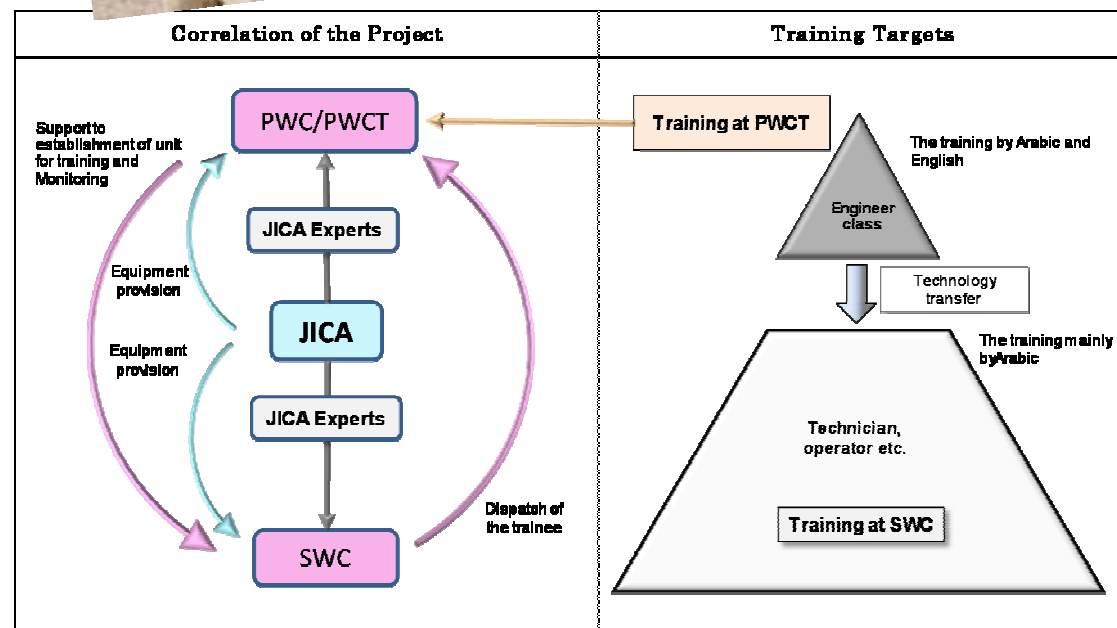
Women and children of nomadic tribe in Blue Nile state gather around water facility



Third Country Training Program conducted in Morocco



Newly constructed PWCT facility in White Nile State



## Basic Food Production Development Program

In Basic Food Production Development Program, JICA supports agriculture centered development for the stabilization of economic activities in Sudan. The current projects include research on plant protection, improve-

ment of livelihood with better cropping techniques and capacity development of related institutions. In 2011, JICA also conducted a study on "Data Collection Survey on Agricultural Sector in Sudan."

**Capacity Building Project for Agricultural Revival**  
 <Technical Assistance> GEZILA, WHITE NILE March 2010-March 2014

**Project Counterparts:** Federal Ministry of Agriculture and Irrigation, Gezira State Ministry of Agriculture and White Nile State Ministry of Agriculture

The capacity development project was launched with the Federal Ministry of Agriculture (MoA) in March 2010. In addition to improving system of human resources development in MoA, technical packages (demonstration Farm, Training of Trainers and Farmers Field School) of upland rice production is provided.

The project aims to promote improvement of food production and to create new opportunities for both farmers and investors in the future.

**Project on Improvement of Food Security in Semi-arid Regions of Sudan through Management of Root Parasitic Weeds**

<Science and Technology Cooperation on Global Issues> KHARTOUM

March 2011-February 2015  
**Project Counterparts:** Sudan University of Science and Technology (SUST)

*Striga*, a kind of root parasitic weeds, is one of the most serious biological threats to agricultural productivity of main crops such as sorghum, millet and rice in Sudan. This joint research project represented by SUST and Kobe University (Japan) cooperates in

improving research and development of innovative technology for the prevention of *Striga*.

### Main Activities:

- Development of germination stimulants
- Searching for microorganisms to manage *Striga*
- Searching for selective metabolic inhibitors for *Striga*
- Analysis of translocation mechanisms of host materials to *Striga*
- Selection of rice and sorghum varieties
- Establishment of optimal crop rotation
- Field research on acceptability of new technologies and varieties
- Technology and knowledge transfer to local farmers



Seeding in the test field located in Gedzila University demonstration farm (above) Rice-cultivation training by separating different species (below)



**Promotion of Agricultural Development by NERICA "New Rice for Africa"**

To contribute to food security, Japan is supporting the dissemination upland rice species called NERICA.

JICA's Rice-related interventions are supported by a JICA specialist who helped the Ministry to develop National Rice Development Strategy along with other activities.



Japanese expert teaching laboratory experiment to Sudanese counterpart (above) Project members in Sorghum field affected by *Striga*





JICA prioritizes its cooperation in the health and environment sector along the lines of assisting developing countries to achieve related MDGs. In health sector, JICA focuses on maternal and child health. For the promotion

of environmental measures, JICA dispatched expert from Japan in order to help public sectors in improving management capacity.

## Medical Care and Health Services

### Mother Nile Project

#### Frontline Maternal and Child Health Empowerment Project Phase 2

<Technical Cooperation> SINNER, KHARTOUM, NORTH KORDOFAN, GEZIRA

September 2011-August 2014

**Project Counterparts:** Federal Ministry of Health, State Ministry of Health of each project area

Overall goal of the project is to decrease the infant and maternal mortality rates by improving the health service. For improvement in access to basic maternal health services, JICA focuses on village midwife in-service training, improvement of the health related institutional capacity of the federal government and monitoring referral system. The project establishes village midwife empowerment model in selected localities throughout the country and aims at expanding the model to other states.



Village midwife in-service training



Training material and equipment

#### Tuberculosis Control Advisor January 2010-March 2012

**Counterparts:** Federal Ministry of Health, General Directorate of Preventive Medicine, National TB Program

In order to advise for strengthening the laboratory management on the National Tuberculosis Control Program (NTP) JICA dispatched a Tuberculosis Control Advisor since 2010. The advisor supported the counterparts establishing the standardized quality microscopy training courses and strengthening external quality assessment (EQA) system in Sudan.

#### Reduction of Maternal and Infant Mortality Rate in Sherif Hasaballa Zone by NGO Rocinantes

<Grassroots Technical Assistance> GADAREF April 2010-March 2013

Through Grassroots Technical Assistance, JICA supports NGOs working in the field. The project is operated by Japanese NGO Rocinantes in order to improve maternal and child health service through the in-service training for village midwives. The project also promotes awareness and behavior change towards pregnancy and antenatal care.



#### Environment Management Advisor

KHARTOUM November 2010 - March 2013

**Project counterparts:** Ministry Forestry of Environment and Physical Development (MEFPD), Khartoum Cleaning Project (KCP)



Community member in Khartoum City receives garbage bins to use in her house



JICA's private-sector development initiatives have so far centered on Southeast Asia and East Asia. Today, both of these regions are experiencing tremendous economic growth. In light of this fact, there is increasing demand from Africa to learn from the experiences of Asian

countries. JICA provides support that aims to empower developing countries to build industrial bases, advance industry, increase job opportunities and create a society that can reap the rewards of economic development through their own efforts.

## Trade and Investment

There has been a significant adverse impact on Sudan's economic growth in recent years due to drop of oil prices in 2008, weak domestic manufacturing sector, and vulnerable non-oil industry. In addition to all these features, the secession of its oil-rich south in July 2011 and loss of 75% of oil reserves made Sudan's economy more vulnerable and the nation is heading for further drop of economic growth.

Against the weakness in the external environment and its economic

vulnerability, Sudan remains as a land of opportunity with abundant and diverse natural resources. To put the nation's economy on a recovery path, JICA conducted "Data Collection Survey on Trade and Investment in Sudan" on current situation of Sudan's economic, industrial and trade investment environment with a particular emphasis on non-oil sector from April to August 2012. The survey included capacity assessment in both federal and state level. JICA is expected to present a project plan which will contribute to future economic development in Sudan.



Members of Data Collection Survey on Trade and Investment visited vocational training center in Khartoum City

## The Tokyo International Conference on African Development (TICAD) and Public-Private Partnership

#### Environment Management Advisor helped collection improvement activities in 2011



As a second dispatch of advisor, the project expanded pilot project system aimed at improving landfill site management and introduced environmental education. For further capacity building of urban solid wastes management of counterparts, JICA will continue to support government's environmental initiative through awareness raising activities.

The Tokyo International Conference on African Development (TICAD) process is an international forum related to the development of Africa which was started in 1993 by the initiative of the Japanese Government. Based on the principle of "Ownership and Partnership", its aim is to provide open opportunities for a variety of parties to discuss African development with African countries.

In 2008, on the 15th anniversary of the TICAD process, The Fourth Tokyo International Conference on African Development (TICAD IV) held in May 2008, called attention to the importance of expanding trade and private investment in Africa. Amid weakening private-

sector investment in developing countries stemming from the global financial crisis in 2008, there are increasing calls for ODA to function as a catalyst to attract and mobilize private funds.

Along with the TICAD process which will continue to TICAD V to be held in the 20th anniversary year of the TICAD process in Yokohama, Japan from June 1 to 3, 2013, JICA routinely exchanges opinions with private companies, industrial and economic organizations, and industry groups in Sudan to enable ODA and private-sector activities to build meaningful partnerships that will increase development outcomes and accelerate growth.



Japan International Cooperation Agency

**JICA SUDAN Office**

<http://www.jica.go.jp/sudan/english/index.html>