

Toward TICADVI – Structural Economic Transformation through
Economic Diversification and Industrialization in Africa
June 30, 2016 @United Nations University

Structural Economic Transformation in Africa

Hiroshi Kato
Vice-President, JICA



Four Keywords

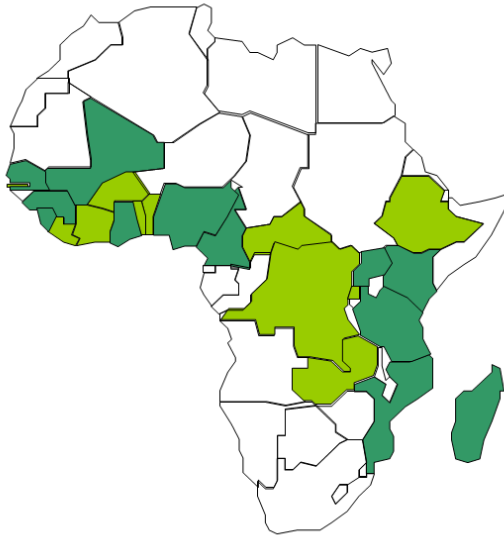
- Agriculture
- Human Resource Development
- Infrastructure
- Support for Business Environment Improvement

Agriculture (1)

Coalition for Africa's Rice Development (CARD)

- CARD is a coalition of African countries and donor agencies, initiated by Japan and AGRA (African Green Revolution Association). This initiative was a part of Japan's commitment in TICADIV 2008.
- CARD aims at doubling annual rice production in Sub-Saharan Africa from the average level of 14 million tons in early 2000's to 28 million tons by 2018, through coordinating rice development efforts by CARD members and donor agencies.

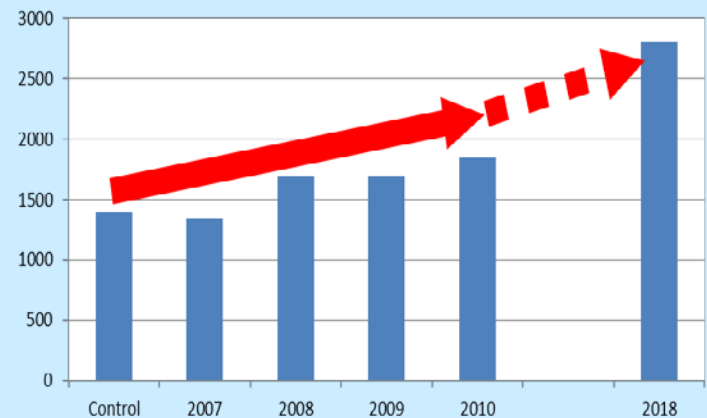
1st Group
 Cameroon
 Ghana
 Guinea
 Kenya
 Madagascar
 Mali
 Mozambique
 Nigeria
 Senegal
 Sierra Leone
 Tanzania
 Uganda



2nd Group
 Benin
 Burkina Faso
 Central Africa
 Cote d'Ivoire
 DRC
 Ethiopia
 Gambia
 Liberia
 Rwanda
 Togo
 Zambia

Rice Production in Sub-Saharan Africa

It has reached 22.2 million tons in 2013, and expected to achieve the target, 28.0 million tons in 2018.
 (The below graph shows the progress until 2010.)



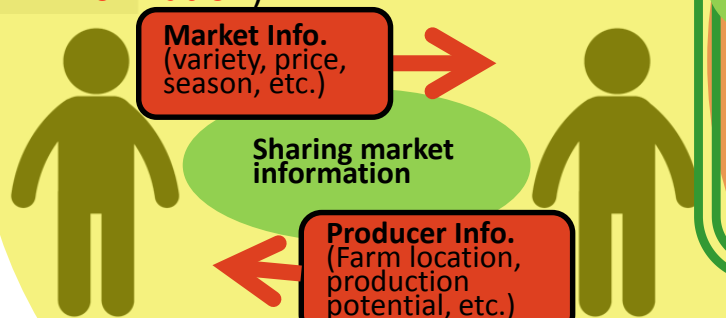
Agriculture (2)

SHEP

- Smallholder Horticulture Empowerment Project

Promoting “Farming as a Business”

Sharing information among market actors & farmers for improving efficiency of local economies (Mitigating the **asymmetry of information**)



Market actors

- Retailers, middlemen
- Agricultural inputs companies (seed, fertilizers, etc.)
- Agricultural product processors

Producers



Cultivating and motivating people by using various “tips”

Raising intrinsic (internal) motivation for continuous activities implementation (Self-determination Theory)
Three psychological needs to motivate people



Autonomy

People need to feel in control of their own behaviors and goals



Competence

People need to gain mastery of tasks and learn different skills



Relatedness

People need to experience a sense of belonging and attachment to other people



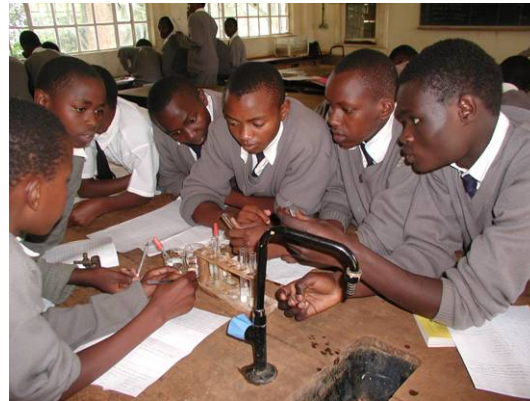
Human Resource Development

<Science and Mathematics Education>

“SMASSE-WECSA” Project

Strengthening of
Mathematics
And
Science at
Secondary
Education in

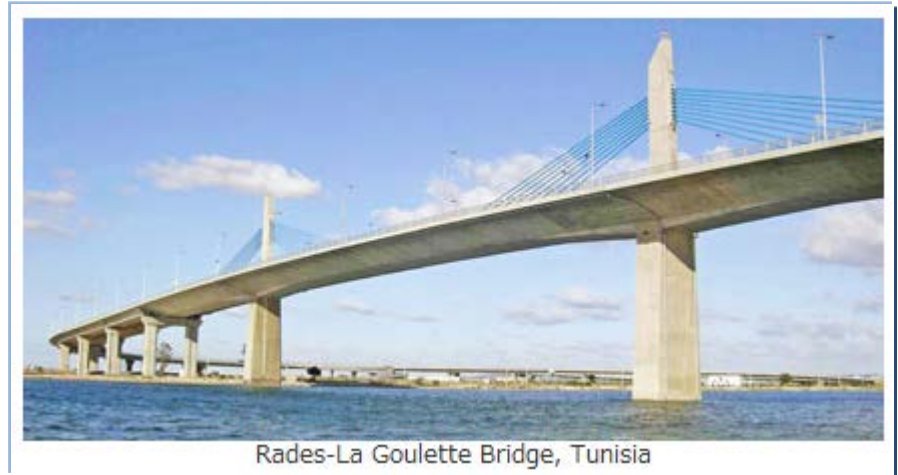
Western,
Eastern,
Central and
Southern
Africa



Infrastructure



Olkaria IV Geothermal Power Plant, Kenya
(Photo: Toyota Tsusho)



Rades-La Goulette Bridge, Tunisia



Matadi Bridge, Democratic Republic of Congo



©TOYO

Mombasa Port, Kenya

Private Sector Development (1)

Policy Dialogue on Industrial Development in Ethiopia

- Dialogue based on practical experience of East Asia & Japan -

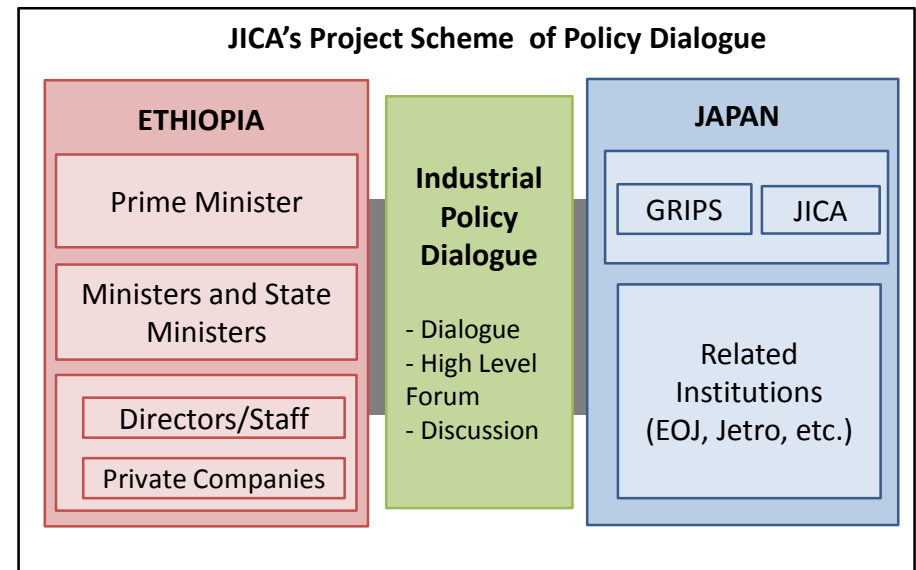
[Implementation Period]

Phase I: August 2009 - September 2011

Phase II: October 2011 - August 2016

[Issues discussed]

- Export Promotion
- FDI & Technology Transfer
- Government Support for Industry
- Industrial Zone Development
- Wage & Productivity, etc.



↑ High Level Forums are attended by Ministers and State Ministers of various key ministries



↑ Export Companies in Leather Sector with Japanese Consultant

Private Sector Development (2)

Technical Cooperation for KAIZEN (Phase 3) : July 2015– June 2020

Ethiopian Kaizen Institute (EKI)

KAIZEN training & Implementation

Advanced KAIZEN training for Consultants

Class Room Training (1 month)



In-Company Training (9 months)



Expected outputs from the Project

1. Management capacity of EKI, Standardization of best practices
2. Provision of advanced KAIZEN
3. Ensured quality of KAIZEN services, KAIZEN dissemination at national level

KAIZEN Implementation



BEFORE



AFTER



BEFORE



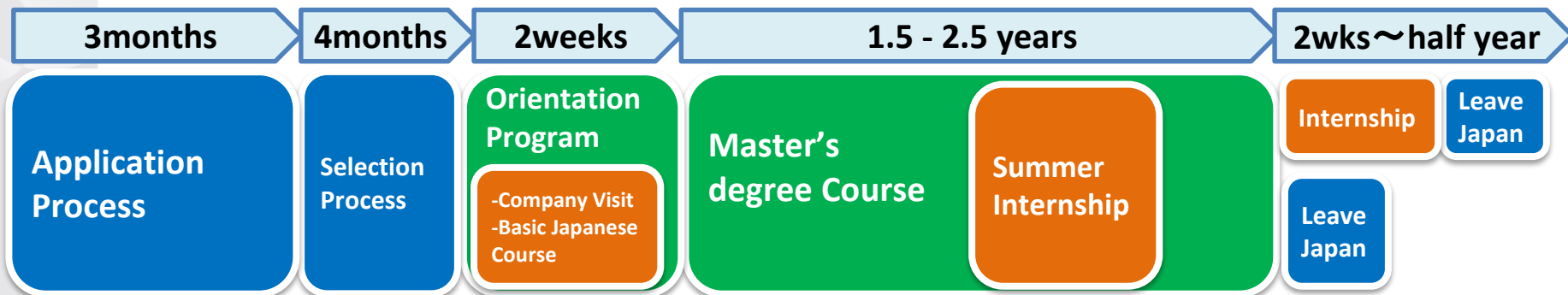
AFTER

Private Sector Development (3)

<Africa Business Education (ABE) Initiative for the Youth>

Objective

- **African human resource development for business and industry** which is a key element for economic growth in Africa
- **Strengthen network between Japanese private sector and African human resource** who can be a “Navigator” for Japanese investment in Africa



Approach

- Combination of Master's course and Internship under collaboration of Japanese Universities and Companies
- Development of African human resource who have practical knowledge & skills as well as deep understanding on Japanese society and working culture



University

- Over 70 Universities and 100 courses

Company

- Entry by over 100 companies

Private Sector Development (4)

<JICA's Private-Public-Partnership in Africa>

Connecting Development Needs and Expertise of Japanese Companies



Private Sector Development (5)

BOP Business Promotion

Organic Solutions Japan (Rwanda)

“Microbial products for toilet and fertilization”(2010-2012)

- Developed microbial products as toilet sanitizer and fertilizer, with local ingredients such as rice and maize
- Expected to improve hygiene in elementary school, hospital, health school and in slums
- Holds hygiene promotion with the relevant ministry in Rwanda
- Tied up with community health workers and promoted hygiene education with their products
- Provide technical assistance for farmers
- Already set up a local entity, looking to scale up the business



Ajinomoto Co., Inc (Ghana)

“Nutrient Enriched Food Business”(2011-2014)



Ref: JICA's World (May 2013)

左はガーナに駐在する味の素の北村聡さん



- This business model aims to develop and establish a local distribution network of nutrient enriched food in Ghana for children during the weaning period.
- On May 30, 2012, Ajinomoto Co., Inc., the United States Agency for International Development (USAID) and JICA signed a memorandum of understanding, confirming collaborative efforts to increase the nutritional well-being of children during the weaning period.
- Ajinomoto is working in partnership not only with USAID and JICA, but also with Ghana Health Service, Ghana University, GAIN, Plan Japan and Care International.

Private Sector Development (6)

Promotion of Japanese SMEs Expertise

Tottori Resource Recycling, Inc. at Morocco

Glass
Bottle



Shell



Coconut



Soil improvement
material



Private Sector Development (6)

Pilot Survey for Disseminating SME's Technologies for Inspection Technics of Civil Engineering Structures by Using Concrete Tester (CTS)

Nitto Construction Inc., Japan

Nigeria

Concerned Development Issues in Nigeria

- Poor road conditions compared to other resource-rich countries and middle-income countries
- Lack of systematic planning for road maintenance and management

Implemented Activities in the Survey

- Inspection of selected bridges in Abuja using CTS with engineers of the Federal Ministry of Works
- Development of a road rehabilitation and maintenance plan using CTS data
- Introduction of Japanese rehabilitation techniques through seminars for Nigerian engineers

Proposed Products/Technologies



Concrete Tester (CTS)

- A non-destructive testing equipment for estimation of concrete compressive strength
- Records and analyzes data with great precision and speed



Impact on the Concerned Development Issues in Nigeria

- Enhanced road inspection and rehabilitation planning skills
- Improved road maintenance and management based on accurate data and systematic planning

Outputs and Outcomes of the Survey

- Federal Ministry of Works has made a policy that all consultants carrying out technical studies on bridges/culverts should utilize CTS to ensure thorough examination of structures
- Nitto Construction Inc. is ready to sell CTS in Nigeria with its local partner

Thank you for your attention