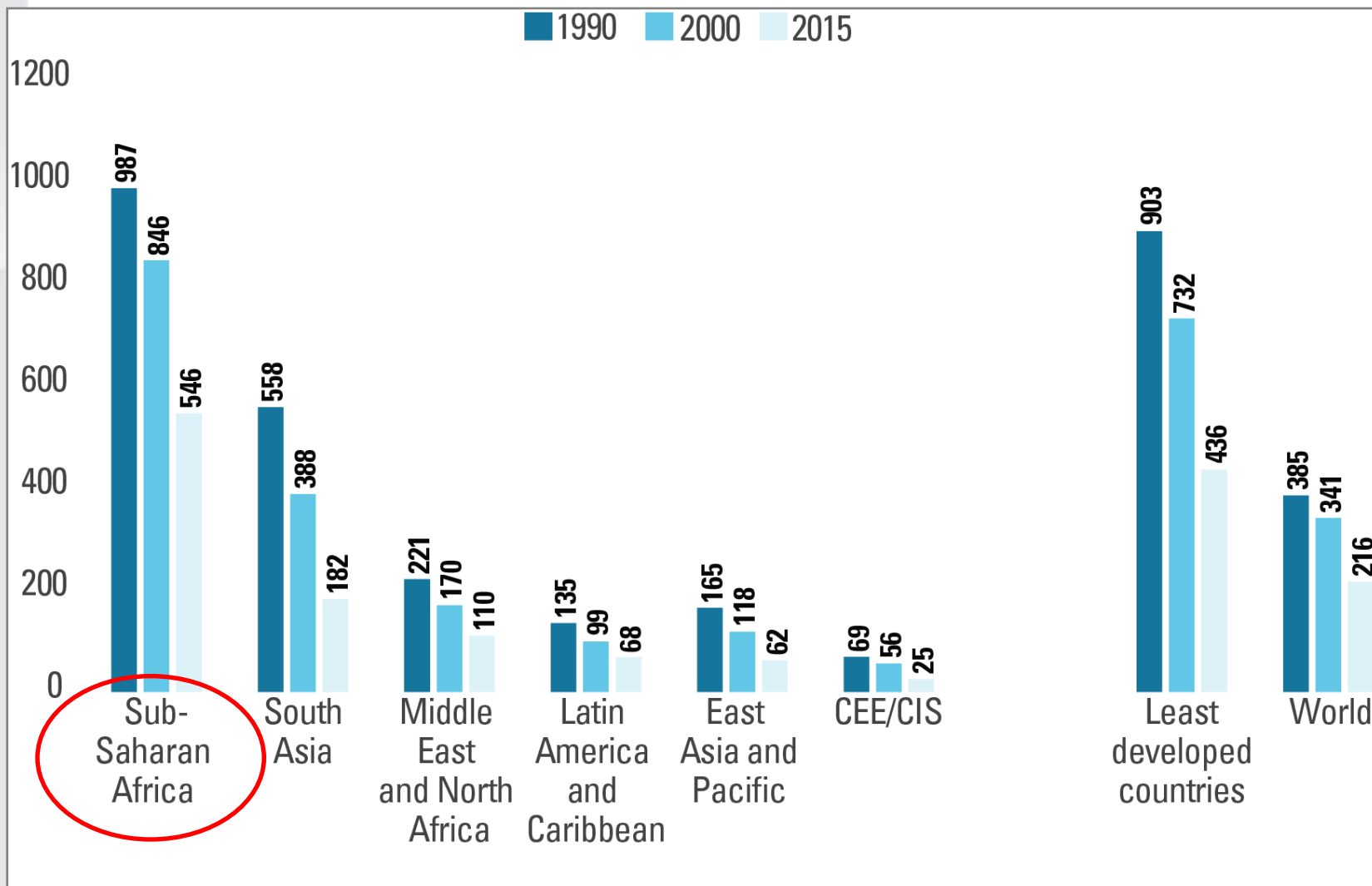
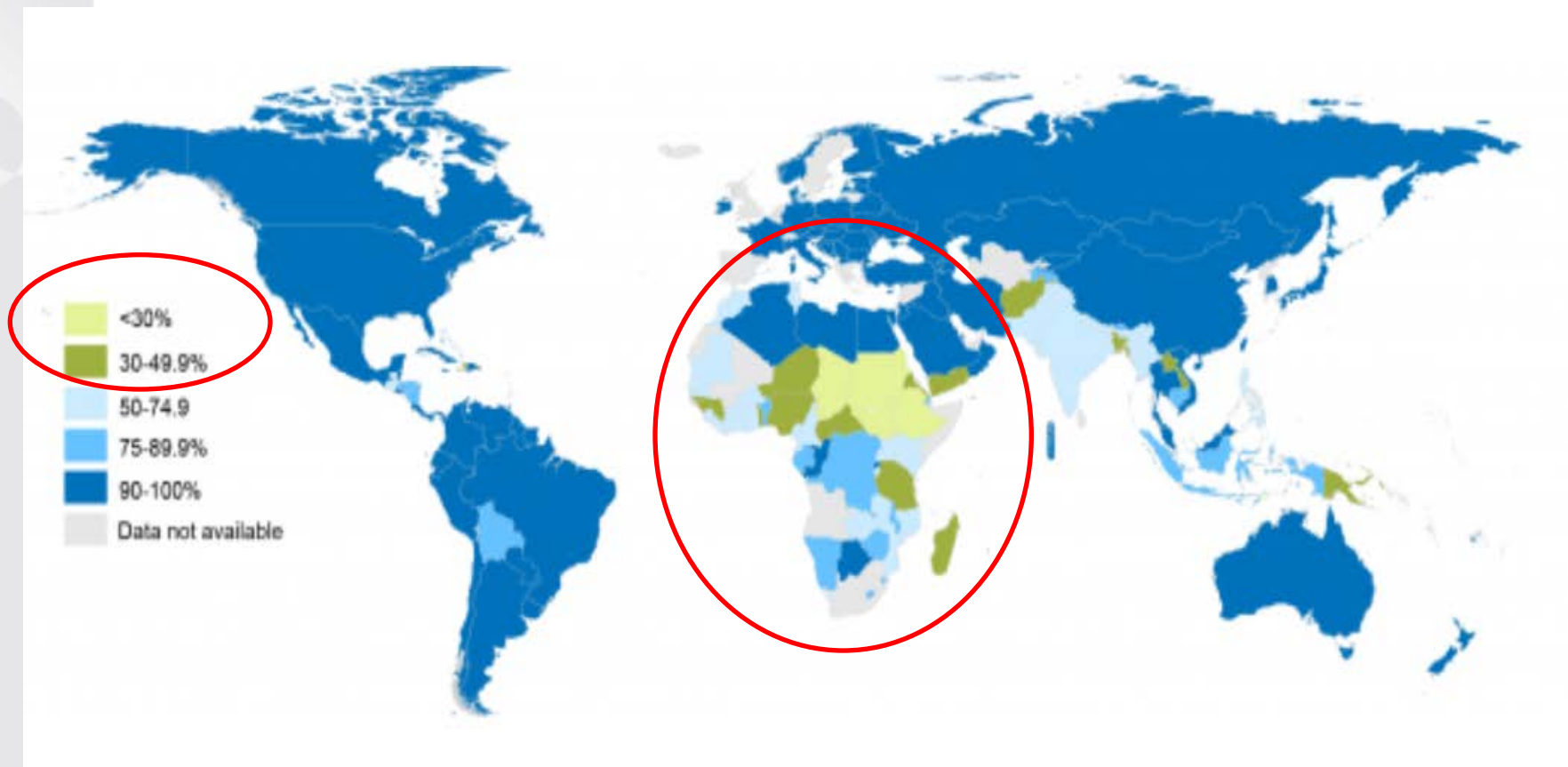


Maternal Mortality Rate



Gaps in Skilled Birth Attendance

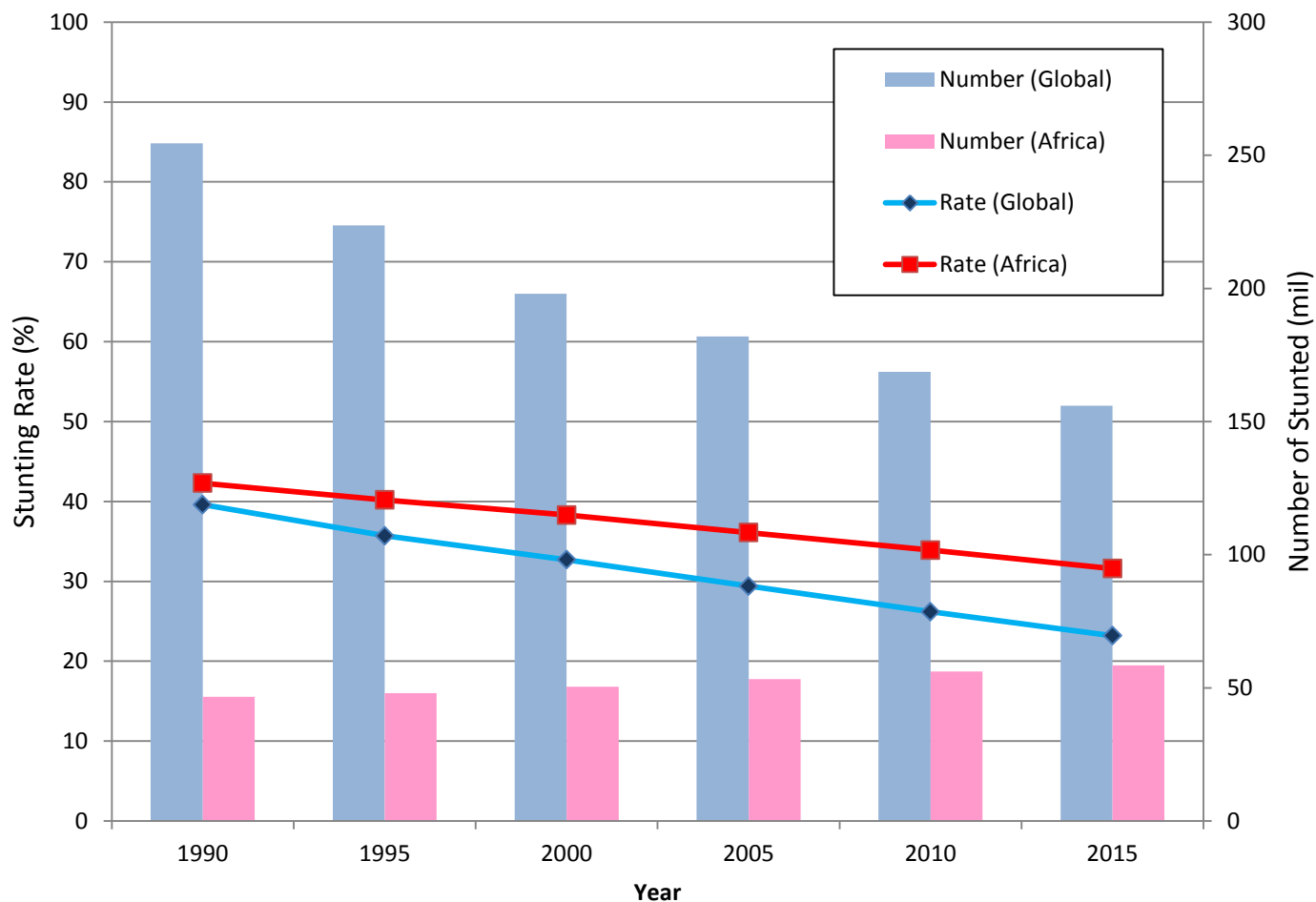
Skilled attendance at births (2010-2015)



(Source : UNICEF Web page. Accessed on 16 September 2016. <http://data.unicef.org/maternal-health/delivery-care.html>)

Global and African Trends in Malnutrition

Number and rate of children under 5 affected by stunting



Source: Joint child malnutrition estimates 2016 (UNICEF-WHO-WB)

Main Issues in Health, Food Security and Nutrition in JICA Cooperation

Infectious Disease Control and Resilience

- Polio eradication and Expanded Programme on Immunization
- Research of Infectious Diseases with industry and academics
- Strengthening of HRH and laboratories



Health Systems Strengthening

- Comprehensive Strengthening of health financing, service delivery and governance
- 5S-KAIZEN-TQM

Maternal and Child Health (MCH)

- Continuum of Care for reproductive, maternal, newborn and child health , MCH Handbook
- Promotion of Safe Motherhood



Non-Communicable Disease Control

- Early detection, Prevention , Diagnosis and Treatment

Food Security and Nutrition

- Food production improvement
- Improvement of food delivery system to reach out also to the rural poor
- Nutrition Education



TICAD VI: UHC in Africa

Financing

More and better spending and effective financial protection

Services

People-centered, quality and multi-sectoral action

Equity

Targeting the poor and marginalized and leaving no one behind

Preparedness

Strengthening health security

Governance

Political and institutional foundations for the UHC agenda



JICA's cooperation modalities

Economic Cooperation

Official Development Assistance (ODA)

Bilateral Aid

Multilateral Aid

Flow of Other Official Funds (OOF)

Export Credit

Direct Investment Financing, etc.

Financing to international organizations, etc.

Flow of Private Funds (PF)

Bank Loans

Private Export Credit

Direct Investment

Purchase of securities and bonds of developing countries and international organizations

NGO Grants

Technical Cooperation

Technical Cooperation Projects

Acceptance of training participants

Dispatch of experts

Provision of equipment

Technical Cooperation for Development Planning

Loan Aid

ODA Loan

Private-Sector Investment Finance

Grant Aid

Others

Dispatch of Volunteers

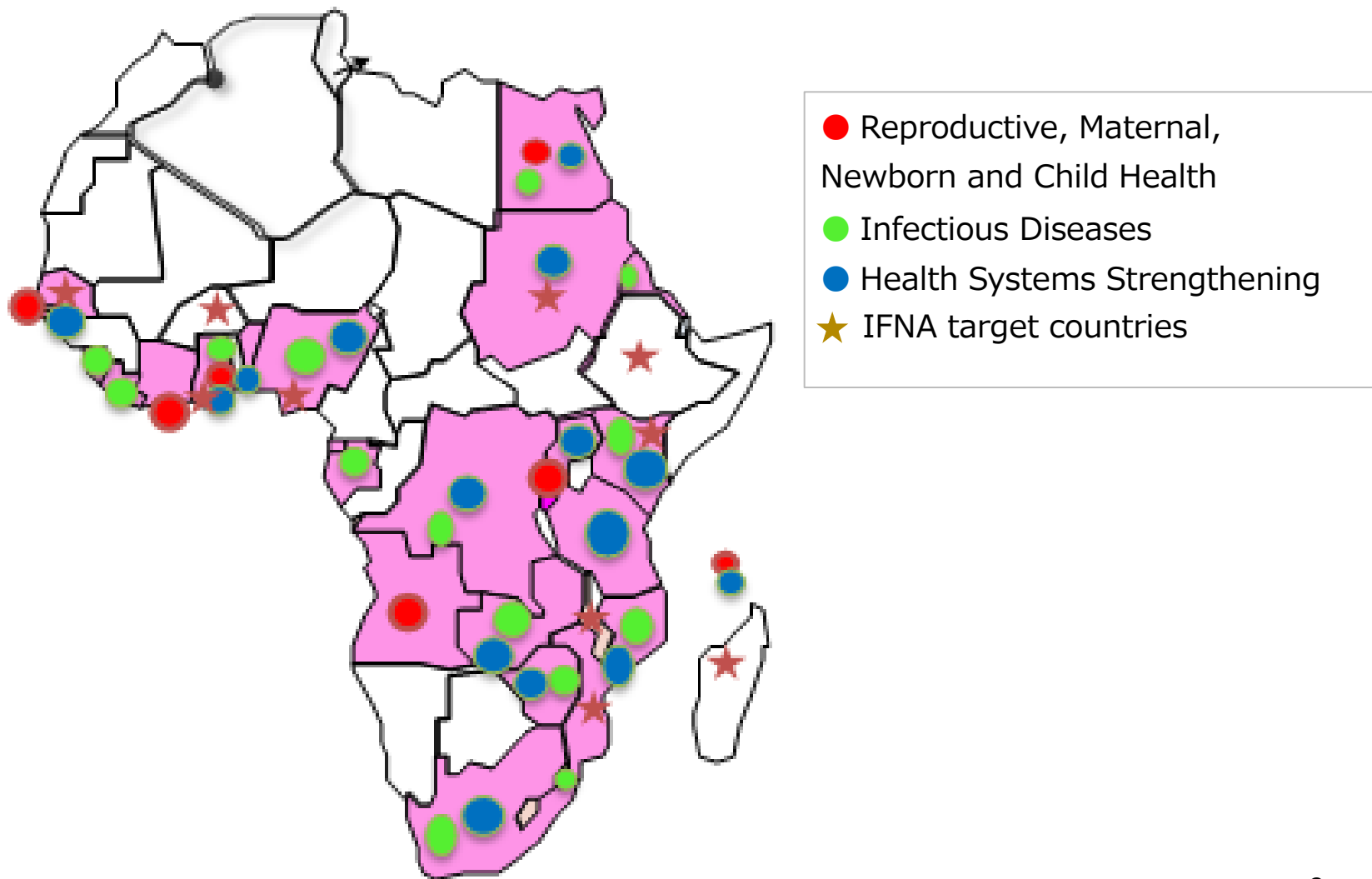
Emergency Disaster Relief

Citizen Participatory Cooperation

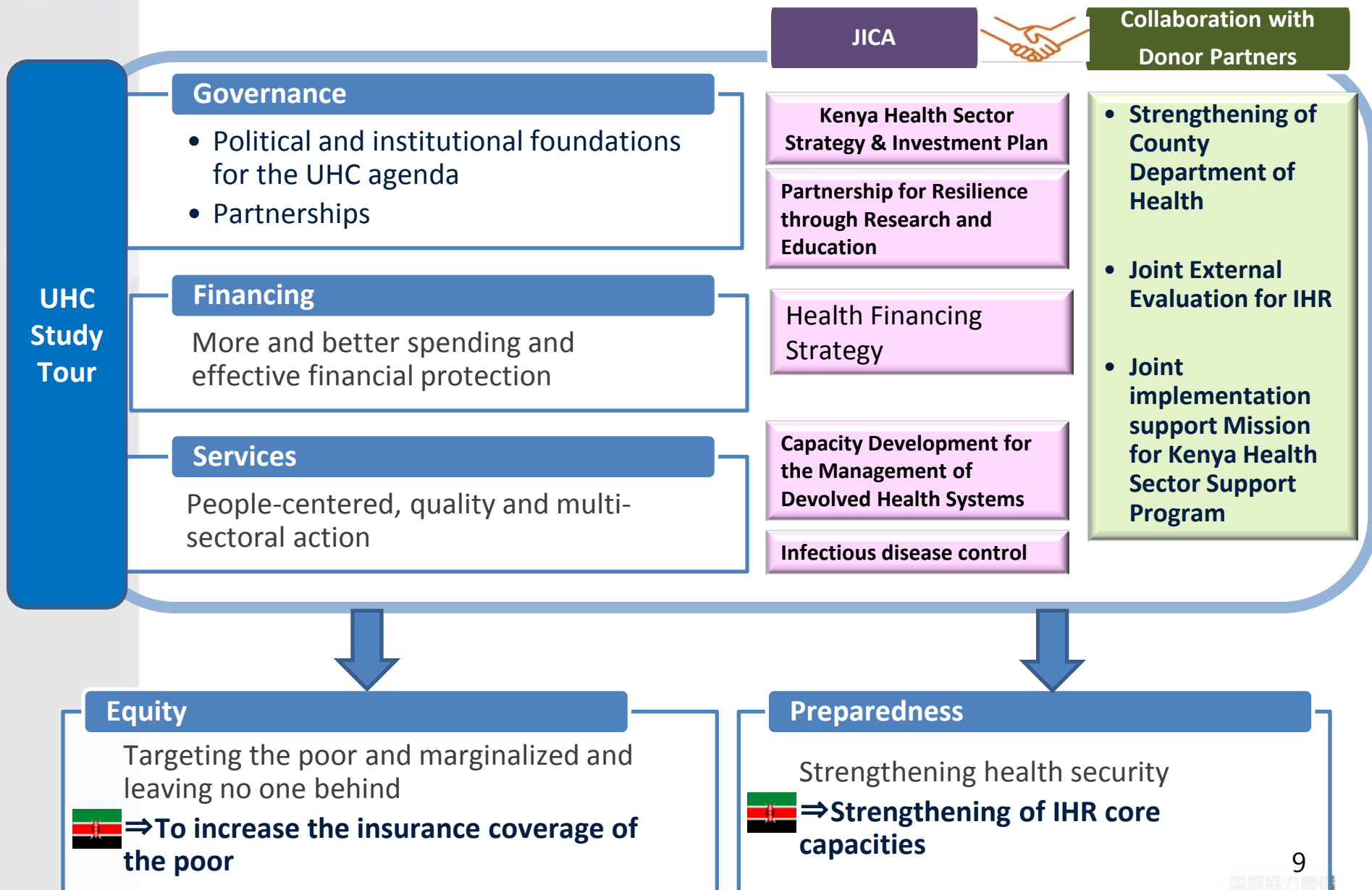
JICA's Cooperation in Health and Nutrition/Agriculture

- **166 countries worldwide**
48 countries in Africa
(over 50 years)
- [Worldwide] **Health: JPY 52 billion/year (3.1%)**
Nutrition/Agriculture: JPY 34 billion/year (2.1%)
(All Sectors 1,653 billion/year)
- [Africa] **Health: JPY 12 billion/year (7.1%)**
Nutrition/Agriculture: JPY 14 billion/year (8.6%)
(All Sectors: 163 billion/year)
(JFY2013-2015 average)

“Target” Countries in Africa



Comprehensive Approach for UHC in Kenya



Current Perspective toward UHC in Ghana

Achieving **Universal Health Coverage in Ghana**

Developing **resilient health system** focusing on

1. **the life-course approach** through strengthening community-based health system (=CHPS)
2. **Surveillance and laboratory support** through strengthening technical capacity for infectious disease control

1-1. Expanding
quality service coverage
of primary health care

Technical cooperation
for capacity building

1-2. Developing
sustainable financing
of primary health care

Study & Meeting
for initial financial
establishment

2. Preparedness
Strengthening NMIMR* as Main platform

* The Noguchi Memorial Institute
for Medical Research

Technical cooperation
for capacity building
among Ghana and
neighboring countries

Demographic transition

Youth and Aging

Epidemiological transition

Double Burden

Socio-economic transition

Financing challenge

Preparatory Survey

Ajinomoto Co., Inc. (Ghana) “Nutrient Enriched Food Business”(2011-2014)



Ref: JICA's World (May 2013)

- “Koko Plus” : supplemental food added to *koko*, a traditional weaning food, to fulfill nutritional requirements
- Social business model based on:
 - understanding local needs
 - developing local partnerships
 - educating mothers
 - building up a distribution model



Preparatory Survey

Saraya Co., Ltd. (Uganda)
“Alcohol Based Hand Rub” (2012-2013)



- Local Production of Alcohol Based Hand Rub
- Education for health workers to disseminate sanitation by alcohol based hand rub through instructors, posters, videos
 - Collaboration with JOCVs, Technical Cooperation Project (5S-KAIZEN)

Preparatory Survey



Cancer Scan Co., Ltd. (Kenya)
“Healthy Kiosk”(2016-2017)

- increasing NCD disease burden
- Kiosk + Health check
 - opportunity for customers to know their health status
 - promotion of healthier foods



Preparatory Survey

euglena Co., Ltd (Bangladesh)
“Utilization of Euglena” (2012-2013)



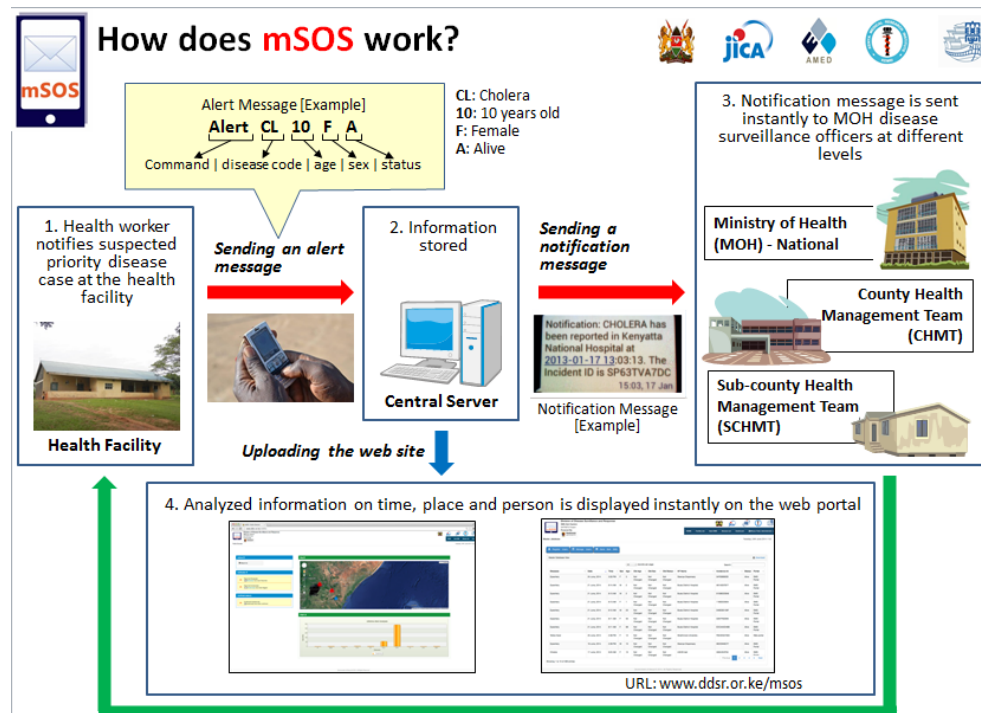
- Growing mug beans for nutrition improvement by training small-scale farmers in rural areas
- Scalable impacts with over 3,000 farmers currently employed
- Aiming to export them to Japan in the future

Science and Technology Research Partnership for Sustainable Development (SATREPS)

[JICA-AMED SATREPS Project] (2012-2017)
Collaborative Research between Nagasaki University and KEMRI

Development of mobile SMS-based disease outbreak alert system (mSOS)

- Networking between the central Ministry and rural health facilities using mobile phones
- System model development for early detection and response to outbreaks



PPP and Technical Cooperation

'The TB Package' (Philippines, Indonesia and Afghanistan)

- Application of three technologies as 'The TB Package' through PPP (Philippines and Indonesia) and Technical Cooperation (Afghanistan and Philippines)
 - TB-LAMP (Eiken Chemical Co., Ltd.)
 - Delamanid (Otsuka Pharmaceutical Co., Ltd.)
 - Genoscholar (Nipro Corporation)



Expectation to the Private Sector

- Innovation/Technology
- Sustainability
- Scaling-up

Potential Areas for further collaboration

- Non-Communicable Diseases
- Prevention/Health Promotion
- Digital Maternal and Child Health Handbook
- Civil Registration and Vital Statistics
- e-Health, m-Health

Our common bright future is depending on “Healthy Africa”!

