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# PLENARY SESSION | 5

**SUSTAINABLE EFFECTIVE  
CROSS-SECTORAL  
COLLABORATION  
FOR BIO-SECURED WORLD**

# **SUSTAINABLE EFFECTIVE CROSS-SECTORAL**

Collaboration for Bio-secured World

## **BACKGROUND**

After four days of conference, side events, and field visits, this session will confirm the commitment from leaders in various sectors to work together. It will discuss the ways towards 'sustainable effective cross-sectoral collaboration'. It discusses the approaches to long term effectiveness, efficiencies and sustainability of One Health strategies (policy, financing, systems competencies, risk stratification, civil society and private sector roles).

## **MODERATOR**

**Mark SMOLINSKI**

Director  
Global Health Threats

*Skoll Global Threats Fund*  
*USA*

## PANELISTS

- **Om Kim Sir**, Secretary of State of Ministry for Agriculture, Forestry and Fisheries, Cambodia
- **Hasan Mahmud**, Minister of Environment and Forests, Bangladesh
- **Ali Ghufron Mukti**, Vice Minister of Health, Indonesia
- **Keiji Fukuda**, Assistant Director-General, Health Security and Environment, World Health Organization, Switzerland
- **Mark Rweynemamu**, Executive Director, Southern African Centre for Infectious Disease Surveillance (SACIDS), Tanzania
- **Ariel Pablos-Mendez**, Assistant Administrator, U.S. Agency for International Development, USA



Dr Keiji Fukuda is the Assistant Director-General for Health Security and Environment, World Health Organization (WHO), since 1 September 2010. He was Special Adviser on Pandemic Influenza to the Director-General from October 2009 and prior to that he was the Assistant Director-General for Health Security and Environment ad interim. In 2005, he came to WHO as a Scientist in the Global Influenza Programme, then was Coordinator from 2006 to 2008 and then was appointed its Director. Under his guidance, the Programme greatly expanded its global role in providing technical leadership and guidance related to seasonal, avian and pandemic influenza.

Dr Fukuda has extensive public health and research experience working on influenza. At WHO, he has helped shape the global approach to pandemic preparedness, helped manage the response to the influenza H1N1 pandemic, strengthened surveillance, and played an instrumental role in facilitating intergovernmental discussions over the sharing of influenza viruses and related benefits. He has participated in many field investigations including the earliest outbreaks of avian H5N1 influenza and the emergence of SARS.

Before coming to WHO, Dr Fukuda was Chief of the Epidemiology Unit, Influenza Branch at the Centers for Disease Control and Prevention in the United States. He is a physician and received his BA from Oberlin College, MD from the University of Vermont and MPH from the University of California, Berkeley

## **KEIJI FUKUDA**

Assistant Director-General  
for Health Security and  
Environment

*World Health Organization  
Switzerland*



Dr. Om Kim Sir graduated medicine science in Poland in 1997. He became a medical doctor and also involved with the policy from 1998 to 2008.

At the present, Dr. Om Kim Sir is the Secretary of State of the Ministry of Agriculture, Forestry and Fisheries in Cambodia and he serves at high rank of the ministry. He is responsible for field of animal health and production, a chief of veterinary law committee, a member of bio-safety committee, a member of National HIV Authorities; and a member of National Committee for Women. In the field of animal health and production, he involves in many activities such as avian influenza control program, rabies vaccination program in targeted sites; and biogas project.

## **OM KIM SIR**

Secretary of State

*Ministry for Agriculture  
Forestry and Fisheries  
Cambodia*



Dr. Mohammed Hasan Mahmud is a Member of Bangladesh National Parliament elected from the constituency 283 Chittagong-6 (Rangunia Upazila and part of Boalkhali Upazila) and, at present, he is the Minister for Environment and Forests of the People's Republic of Bangladesh. Prior to his appointment as Minister, Dr Mahmud served in the Cabinet of Bangladesh Government as State Minister for Environment and Forests and State Minister for Foreign affairs. He bears a very diverse academic and political background. Dr. Mahmud did his Bachelor (with honours) and Master's degrees in Chemistry respectively in 1988 and 1989 from the Chittagong University, Bangladesh. He again obtained his Second Masters in International Politics from Universite Libre des Bruxelles in 1996. In the same year, he obtained his Third Master's degree in Advanced Studies in Human Ecology (Environmental Science) from Vrije University of Brussels. Dr. Mahmud completed his Ph.D in Environmental Chemistry from Limburg University Centrum, Belgium in 2001. Dr. Mahmud has attended a number of learned international conferences across the world in areas such as global climate change issues, ecology, environment, environmental analytical chemistry, arsenic contamination, environmental law, nutrition and food security, human rights, information technology. Dr. Mahmud takes profound interest in academia and he used to be an Adjacent Faculty member of a number of reputed universities in home and abroad including East West University (Bangladesh), People's University of Bangladesh, and European Institute for Strategic Studies (Belgium). Currently, he teaches environmental science part-time at the North South University in Bangladesh.

## **HASAN MAHMUD**

Minister of Environment  
and Forests

*Bangladesh*

For the last three years, Dr. Mahmud has been leading the delegation of Bangladesh in the UNFCCC negotiation process. He played a vital role in COP15, COP16 and COP17 showing his courageous and competent leadership among the Least Developing Countries. In COP16, he was appointed co-chair along with the Australian Environment Minister to facilitate the negotiation process on finance and capacity building. Recently, Dr. Mahmud attended an 'Expedition to Antarctica' being accompanied by the former US Vice President Mr Al Gore in order to experience the climate change impacts in the polar region. Dr. Mahmud was nominated as one of the five co-chairs at Rio+20 and chaired the first plenary session of Rio+20 that was held in Bazil in June 2012. Dr. Mahmud is widely recognized and well appreciated internationally for his very prominent role and global leadership on climate change issues.



Dr. Ariel Pablos-Méndez is Assistant Administrator for Global Health at the U.S. Agency for International Development (USAID), a position he assumed in August 2011. Nominated by President Obama in March, Dr. Pablos-Méndez joined the USAID leadership team with a vision to shape the Bureau for Global Health's programmatic efforts to accomplish scalable, sustainable and measurable impact on the lives of people in developing countries as envisioned in President Obama's Global Health Initiative. In his capacity as Assistant Administrator for Global Health, he will focus his efforts to further advance the goals and reformatory recommendations expressed in the Presidential Policy Directives, Quadrennial Diplomacy and Development Review, and USAID Forward. By fostering new working relationships and maintaining existing partnerships, Dr. Pablos-Méndez will direct the Bureau's activities and approach toward a standard of technical excellence in implementation science.

Dr. Pablos-Méndez is an experienced public health physician who most recently served as Managing Director at The Rockefeller Foundation where he led the Foundation's global health strategy on the transformation of health systems in Africa and Asia. He first joined the Rockefeller Foundation in 1998, spearheading public-private partnerships in research and development for diseases of poverty, the Foundation's strategy on AIDS care in Africa, and the Joint Learning Initiative on Human Resources for Health. He also served as Director of Knowledge Management at the World Health Organization (WHO) in Geneva, where he established WHO's first eHealth unit.

Dr. Pablos-Méndez is a Board-certified internist and until recently was practicing as a Professor of Clinical Medicine and Epidemiology at Columbia University. He has served in various Boards and international commissions and received his M.D. from the University of Guadalajara's School of Medicine and his MPH from Columbia University.

**ARIEL  
PABLOS-MENDEZ**

Assistant Administrator

*U.S. Agency for  
International  
Development  
USA*



Prof. Dr. Ali Ghufron Mukti, MSc., PhD, an expert who is well known for his great involvement, mainly in health insurance, was recently appointed as vice-minister of health of the Republic of Indonesia on October 2011 by President of The Republic of Indonesia.

Besides health and financing/ health insurance, Prof. Ghufron also has expertise in the field of health service quality, family medicine, and epidemiology.

As for his educational background, after earn his medical degree from University of Gadjah Mada, Prof. Ghufron took his master degree at University of Mahidol, Bangkok with MSc degree on tropical hygiene. After completing his master degree, on 2000 Prof. Ghufron finished his doctoral degree on public health from University of Newcastle, Australia. As part of his educational history, Prof. Ghufron has received an award as a research fellow from Brown University.

During his professional career, Prof. Ghufron has been appointed to several important positions. As an academician, some of the academic positions trusted to Prof. Ghufron are Head of Public Health Division, Director of Gadjah Mada Medical Centre (University Health Plan), and Director of Gadjah Mada Graduate Program on Health Financing and Health Insurance Management in the Faculty of Medicine, University of Gadjah Mada Yogyakarta.

On 2008, at the age of 46, Prof. Ghufron was appointed to take the dean position in the faculty of medicine, University of Gadjah Mada and became the youngest dean of the Faculty of Medicine of the University of Gadjah Mada. Other than academic position, Prof. Ghufron was also have professional career as consultant for international agencies in the area of social protection, health finance, and health insurance.

Prof. Ghufron is quite productive as a writer and an experienced speaker. Since the 90's, Prof. Ghufron has published more than 30 publications and wrote several books. His publication consist several disciplines,

**ALI  
GHUFRON MUKTI**

Vice Minister of Health

*Indonesia*



not only about health financing/insurance, but also in the field of public health and healthcare management, clinical epidemiology, etc. He was invited as lecturer and examiner in prominent national and international universities such as: University of Indonesia, University of Tokai in Japan, Asia University in Taiwan, and University Kebangsaan Malaysia, University of Newcastle, Vrije University, Netherland.

Besides his professional career and academic activities, Prof. Ghufon is actively involved in many professional organizations both in the national and international scale. In some of the organization, such as the Indonesian Community and Public Health Doctor Association (PDK3MI), Indonesian Health Insurance and Social Security Expert (PAMJAKI), and Indonesian Health Economics Association (IHEA), Prof. Ghufon was appointed as Chairman of the organization. Internationally, Prof. Ghufon was appointed as Indonesian country representative for the South East Asian Public Health Institutes Network (SEAPHEIN) on 2007 and designated as Chairman of the ASEAN "One Health" on 2011.



Mark Rweyemamu is the Executive Director of the Southern African Centre for Infectious Disease Surveillance (SACIDS), which is a One Health Virtual Centre linking academic and research institutions in Southern Africa (primarily the DRC, Mozambique, South Africa, Tanzania and Zambia) in smart partnership with centres of science in industrialised countries, especially the Royal Veterinary College and the London School of Hygiene and Tropical Medicine. He manages grants from the Wellcome Trust, Rockefeller Foundation and Google Foundation which total approximates USDollar 11 million. The SACIDS Headquarters is located at Sokoine University of Agriculture (SUA), Morogoro, Tanzania where it is associated with the Faculty of Veterinary Medicine.

He is a Visiting Professor at the RVC, London and the Sokoine University of Agriculture, Morogoro, Tanzania. Previously he headed the FAO programme on infectious diseases including the coordination of global rinderpest eradication. He has worked in government, industry and academia. He has consulted widely for national governments and international organisations. He was a member of the EFSA Working Group on assessing the risk of Foot and Mouth Disease introduction into the EU from developing countries, and The Foresight study on Infectious Diseases – Preparing for the Future.

He is a member of the Scientific Advisory Board of the UK Institute for Animal Health and the Chairperson of the Scientific Advisory Committee of the GALVmed, a public-private partnership that focuses on supporting the development of biologicals and therapeutics for orphan diseases in developing countries. He is Chair of CORDS, a One Health focused global network that connects organizations for regional disease surveillance. He has published over 100 papers in peer reviewed journals.

**MARK  
RWEYNEMAMU**

Executive Director

*Southern African Centre  
for Infectious Disease  
Surveillance (SACIDS)  
Tanzania*



Mark has led global efforts toward early detection and rapid response to emerging threats. His work has brought together governments, NGOs, academia, and private industry in partnerships across national borders in Southern Africa, the Middle East, Asia, Russia, and SE Asia.

In 2006, Mark joined the start-up team at Google.org as the director of the Predict and Prevent Initiative. Prior to Google, Mark served as Vice President for Biological Programs at the Nuclear Threat Initiative, a public charity directed by CNN founder Ted Turner and former U.S. Senator Sam Nunn. While at NTI, Mark led the development of a regional disease surveillance system linking Israel, Jordan, and the Palestinian Authority, demonstrating the power of health as a diplomatic tool even in areas of longstanding conflict.

In 2003, the Institute of Medicine of the National Academy of Sciences released a landmark report, the Emergence, Detection, and Response to Microbial Threats to Health for which Mark was the study director. He has also served as an advisor to the World Health Organization, Senior Advisor to the U.S. Surgeon General and Assistant Secretary of Health, and an Epidemic Intelligence Officer at the U.S. Centers for Disease Control and Prevention. Mark was a member of the investigation team that discovered hantavirus in 1993 in Southwestern United States.

A native of Michigan, Mark holds a B.S. from the University of Michigan in Ann Arbor where he also received his M.D. He received his M.P.H. from the University of Arizona. Mark is a trained Internist and board certified in Preventive Medicine and Public Health. WIRED magazine's 2008 Smart List of 15 people the next president should listen to included Mark, a.k.a., the threat detective.

## **MARK SMOLINSKI**

Director  
Global Health Threats

*Skoll Global Threats Fund*  
USA