



Public-Private Partnerships to Develop and Spread New Agricultural Technologies in sub-Saharan Africa: New Thinking, Emerging Models

**Center for Strategic and International Studies
1800 K Street NW
8:30am-12:00pm
March 1, 2010**

Innovative public-private partnerships are emerging to meet the imperative of mobilizing new resources and developing new agricultural technologies throughout the value chain. Leaders from these sectors will discuss the importance of these alliances; the topics they address, the challenge of ensuring that results reach smallholder farmers, and the role of foundations and governments in stimulating partnerships for agricultural technology in sub-Saharan Africa.

8:30am: Registration and Continental Breakfast

9:00am: Welcome – Johanna Nesseseth Tuttle, CSIS

9:10am: Setting the Stage: Challenges for African Agriculture through 2050 — John Lamb, World Bank

9:30am-11:30am: Panel Discussion – moderated by Boaz Blackie Keizire, African Union and Johanna Nesseseth Tuttle, CSIS

Creating a Virtual Public-Private Research Center for New Fertilizers – Amit Roy, President and CEO, International Fertilizer Development Center

Over the past 25 years, no “new” efficient fertilizer product has been developed that is affordable for smallholders in developing countries. The International Fertilizer Development Center (IFDC) has proposed the establishment of a virtual public-private research center, to develop the next generation of fertilizer technologies.

Can Private Sector R &D Reach Small Farms? – Marco Ferroni, CEO, Syngenta Foundation

Millions of small farmers are reached commercially every day as they buy seeds and crop protection products, fertilizer, cell phones, machinery and tools, taking advantage of the science and research embodied in these products. The market for agricultural inputs is large, and the role of the private sector as a purveyor of technology and services is growing. It is in the nature of the private sector to bring products to the market and deliver value, including to small farmers. But the private sector goes where there is a commercial incentive. Farmers that are too poor to purchase inputs are not helped, and the technologies they need may not get developed. This is a public policy and societal challenge that cannot be solved by the public or the private sector alone. It calls for partnerships and cooperation involving the business sector, the public sector and the not-for profit sector. Through partnerships, it is possible to deliver solutions to large numbers of small farmers.

Public-Private Partnerships for Varietal Development and Seed Production – Elizabeth Vancil, Monsanto

More than 300 million Africans depend on maize as their main food source. The Water Efficient Maize for Africa (WEMA) partnership was formed because crop yields are reduced greatly by frequent droughts in Africa, leading to hunger and poverty. The project, conducted mostly in Africa for Africans, will result in improved maize hybrids, yielding an additional 25 per cent more grain under moderate drought conditions than current African seed varieties. Dr. Vancil will discuss the emerging lessons from this unique PPP – a partnership led by the African Agricultural Technology Foundation, and including CIMMY, Monsanto, national agricultural research systems, farmer groups and seed companies in Kenya, Mozambique, South Africa, Tanzania and Uganda.

Linking Smallholder Farmers to Markets through Integrated Public-Private Ownerships – Anne Mbaabu, Director, Agricultural Markets, AGRA

Increasing agricultural knowledge and expanding smallholder access to technology and markets are vital to achieving an African Green Revolution and stimulating broad-based, sustained growth in rural areas. Ms. Mbaabu will discuss the strategy and progress to date of the Market Access program of the Alliance for a Green Revolution in Africa's (AGRA).

Q and A

11:30am-11:55am: The Role of the US in Stimulating Public-Private Partnerships for African Agricultural Development – Josette Lewis, USAID

Q and A

11:55am: Closing – Johanna Nesseth Tuttle, CSIS

SPEAKER BIOGRAPHIES:

Boaz Keizire Blackie is a CAADP Implementation Specialist at the Department of Rural Economy and Agriculture of the Africa Union Commission in Addis Ababa, Ethiopia. Prior to this, Boaz was head of Agriculture and Natural Resource Planning at the National Planning Authority in Uganda, and a Principal Economist and a CAADP Lead Person in the Ministry of Agriculture, Animal Industry and Fisheries-Uganda. His expertise lies in the areas of Agricultural and Fisheries Resource Economics and generally in Agriculture and Natural Resource Policy Development, Analysis and Planning. Boaz has written and published papers for ACODE, UNEP, FAO and UNDP among others. He holds a Master's Degree in Agricultural Economics from Makerere University - Uganda and a Post Graduate Diploma in Fisheries Policy and Planning from the United Nations University in Reykjavik, Iceland. He is a Research Associate with Advocates Coalition for Development and Environment (ACODE) — an Environment and Policy Research Think Tank in Uganda — and also was a part time Lecturer of Fisheries Economics in the Zoology Department, Makerere University.

Marco Ferroni is the Executive Director of the Syngenta Foundation for Sustainable Agriculture. Before joining the Foundation, Dr. Ferroni worked at the Inter-American Development Bank (IDB) and the World Bank in Washington DC. As a Deputy Manager of the Sustainable Development Department of the IDB, he had responsibility for regional sector policy and technical support to the Bank's country departments. As the Principal Officer in the Bank's Office of Evaluation and Oversight, he directed evaluation studies that assessed the relevance, performance and results of Bank strategies and investments. As a senior advisor at the World Bank, Dr. Ferroni advised on donor relations and directed work on international public goods and their role in foreign aid and international affairs. Earlier in his career, he was an economist and division chief in the government of Switzerland, working in development cooperation. Dr. Ferroni holds a doctoral degree in agricultural economics from Cornell University. He has worked in Latin America, Africa and Asia and is a frequent lecturer and guest speaker on topics that include agriculture, food security, development finance, and trade.

Josette Lewis is the Director of the Office of Agriculture in USAID's Bureau for Economic Growth, Agriculture, and Trade. Prior to taking this position, Dr. Lewis served as the Agency's Senior Biotechnology Advisor for eleven years, overseeing USAID's biotechnology research and policy activities globally, with a significant emphasis on Africa. Dr. Lewis joined USAID as an American Association for the Advancement of Science (AAAS) Technology and Diplomacy Fellow. She holds a Ph.D. in Molecular Biology for University of California, Los Angeles and a B.S. in Genetics from University of California at Davis.

Anne Mbaabu is the Director for Market Access Program at the Alliance for a Green Revolution in Africa (AGRA). Anne is a leading industry manager with over 30 years of extensive involvement and experience in a wide range of food industry management, including managing some of the most respected companies in Kenya, and in development areas in Small Medium Enterprises (SME), structured agricultural trade systems, sub-sector Analysis/Value Chain Analyses and Business Development Services. Her work at AGRA focuses on market transformations to link smallholder African farmers of food staples to markets, promoting structured trading systems, value addition of food staples, directing investments into alternative uses of staples, and addressing issues to create an enabling

environment for markets to perform efficiently. Prior to joining AGRA she was the CEO of Eastern Africa Grain Council (EAGC). Ms. Mbaabu, a Kenyan national, holds a Master of Science (M.Sc.) degree in Food Science & Technology (Processing and Control); and a Bachelors degree in Food Science and Technology, both from the University of Nairobi, Kenya.

Johanna Nesseth Tuttle is Vice President for Strategic Planning at CSIS, where she leads the Center's relationships with corporate and foundation supporters. Ms. Nesseth Tuttle also directs the CSIS Task Force on Food Security, which released its phase one report *A Call for a Strategic US Approach to the Global Food Crisis* in July 2008. Now in its second phase, the Task Force examines policy approaches on trade, productivity, and research and development that can effectively enhance global food security. Ms. Nesseth Tuttle has more than 10 years of experience in the nonprofit sector, including work on refugee resettlement issues, voter education, and leadership development and training. She holds an M.A. in international affairs from the George Washington University, a B.A. in English literature from the University of Minnesota, and a degree in Portuguese studies from the University of Lisbon.

Amit Roy has been the President and CEO since 1992 and came to the International Fertilizer Development Center (IFDC) as a chemical engineer in 1978. Under his leadership, IFDC expanded its mission to address not only food security but also trade, equity, and the environment. Leading IFDC from fertilizer to agribusiness and economic development, he instituted research and development of new or modified fertilizer materials and processes using indigenous sources, especially phosphate rock. Roy encouraged the development of fertilizer industries in many developing countries and provided needed technical assistance. He played a key role in organizing the Africa Fertilizer Summit held in Abuja, Nigeria, in June 2006.

Elizabeth Vancil is the Director of Global Development Partnerships at Monsanto Company. In her current role, she works on developing and implementing partnerships to improve the lives of smallholder farmers in developing countries as part of Monsanto's commitment to sustainable agriculture. She also manages Monsanto's technology sharing initiatives for non-core crops. Prior to her current role, Ms. Vancil served as the Deputy Director for International Programs at the Donald Danforth Plant Science Center, a research institute with an international mission to use plant science to improve human health, nutrition, and agriculture in developing countries. In this role, she worked on projects to develop science-based regulatory systems in numerous countries in Africa and SEAsia and on projects to secure access to intellectual property for humanitarian purposes. Ms. Vancil is a native of St. Louis and resides in the area with her husband, Chris, and son, Dominic.