
SPEAKERS' PROFILE

CARBON AND WATER MANAGEMENT IN HORTICULTURAL EXPORTS FROM EAST AFRICA 8th and 9th December 2011 - NAIVASHA

Steve Homer – BIOS Partners Ltd.



At 46 years old, Steve Homer has spent most of his life working with companies that supply or have a desire to supply the supermarkets and food manufacturing industry with fast moving fresh products. He recently completed seven years as Group Corporate Responsibility Manager with Flamingo Holdings, a €500M international vegetable and flower company. The responsibility for advising on standards policy, implementation and impact assessment of all regulatory and private standards activity in the Flamingo Group extended to all aspects of Good Agricultural Practice, Environmental and Social Compliance with regulatory and private standards. Steve has extensive experience of European regulatory committees, donor organisations and policy committees as well as a continuing and regular engagement with the key NGOs and stakeholders that have concerns in the modern global agriculture sphere.

Ten years ago Steve became involved in the initial writing, management and implementation of private voluntary standards (PVS) through his directorship of the GlobalGap agriculture standard. As a board member of the Ethical Trade Initiative, Steve helped to develop the smallholders labour practice code for food retailers in the UK. His work over five years with the flower export trade association and trade unions in Colombia to develop effective worker representation rights in the cut flower industry finally brought international recognition of the Colombian trade association code. Current consulting roles have continued to develop the work on standards and market compliance through the Unilever sustainability code advisory work and the Chairing a number of Global Food Safety Initiative benchmarking committees.



Alexander Kasterine – International Trade Centre



Alexander Kasterine is a Senior Adviser on Trade and Environment at the International Trade Centre (UNCTAD/WTO). He manages ITC's Trade and Environment Programme providing technical assistance to developing countries in the fields of sustainable consumption and production, biodiversity issues, endangered species and climate change.

Prior to joining ITC in 2002 he worked as a consultant economist for the EU and the World Bank and previously in Mexico for a conservation NGO carrying out research into sustainable farming systems and markets. Alex Kasterine holds a Ph.D. in Agricultural and Environmental Economics from Imperial College, London.

Dr. Nick Hepworth – Alliance for Water Stewardship



Nick has worked on sustainable water management for almost 20 years and advises governments, NGOs, communities, multinational companies and donors on water security and climate resilience. He is founder of Water Witness International, is a Research Fellow of the Water Security Centre at the University of East Anglia and is on the board of the Alliance for Water Stewardship (AWS). Based on 5 years of research on the options for better water management in Africa, Nick initiated the concept of a market standard for sustainable water use, and joined forces with the Alliance for Water Stewardship in 2008. Nick led the team which piloted the AWS standard in Naivasha in 2010.



Juliah Mnyambo - Sunripe



Juliah Mnyambo is the Research Associate in a Horticultural Export Company (Sunripe Limited) based in Kenya. Her research focus is on managing the Product life cycle assessment data collection, analysis and establishment of the carbon foot print of the Kenyan horticultural products exported to Europe. Juliah through this study, seeks to identify the key carbon emissions hotspots, opportunities for emissions mitigation and examine mitigation and adaptation strategies for implementation within the Kenyan horticultural industry. Juliah is highly experienced in the field of product Life Cycle Assessments (LCA), carbon footprints and understands issue of carbon emissions in horticulture. She has also served as a Research Assistant at the University of Nairobi.

Elsbeth Bingley - ATECH



After pursuing a 20 year career in family law and welfare rights for young people, Elsbeth Bingley returned to study to pursue her lifelong interest in horticulture and environmental issues. Elsbeth graduated from Writtle College with a 1st class BSc Honours degree in International Horticulture and was subsequently awarded a Graduate Teaching Scholarship at Writtle College, where she worked as a lecturer and researcher for three years within the Post-Harvest Unit and was engaged on a number of commercial and academic partnership projects.

In January 2010 she has was engaged as UK Knowledge Transfer Partner for the Sunripe AKTP (Africa Knowledge Transfer Partnership) with the remit to mentor and train the AKTP Associate (Ms Juliah Mnyambo) on LCA data collection and analysis. As a result of the partnership Sunripe have been able to roll out a carbon footprinting and training programme across their operations and staff have gained expertise in auditing and reducing their carbon [and water] use.

Elsbeth is based in the UK and is currently writing up her doctoral thesis and works as a freelance consultant for Atech Solutions Ltd, A Kenyan company offering carbon and water footprinting services.

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Victor Odhiambo – UNEP – DEWA (intern - 2011)



Victor has been an intern - at UNEP-DEWA (2011). He is a final year student, pursuing a bachelor's degree in Environmental Planning and Management at Kenyatta University - Nairobi Kenya. He has a specific interest in water resource management. Currently, he is carrying out a research on "Assessment of the Vulnerability of Lake Naivasha to Human Activities". The study will be completed in March 2012. His presentation highlights the Horticulture Industry in relation to water use and sound environment keeping.

Bernard M. Njoroge – Sustainable Management Services Ltd.



Key Competencies

- 4 years experience in coffee
- Bsc in Agricultural Engineering, Egerton University.
- 8 years secondary school teacher; mathematics, Biology and Agriculture Subjects
- Current Projects: 4 years of project supervision and Extension at Sangana commodities (k) Ltd/SMS Ltd; Implemented the Sangana PPP and RA in Baragwi fcs and UTZ centres of excellence at Rung'eto fcs. Implementing Mt Kenya Project (a Community Based project at Baragwi fcs)
- Current position: Project supervisor, SMS Ltd



Gianluca Gondolini – Rainforest Alliance



Mr. Gianluca Gondolini is Manager for Sustainable Agriculture Projects in Latin America for the Rainforest Alliance. He is responsible for the implementation of sustainable agricultural production and adoption of best management practices in origin countries along with the promotion of farm certification according to the Sustainable Agriculture Standard in coordination with producers and key stakeholders along the food supply chain. Gianluca is involved in developing program strategies, project management including monitoring and impact evaluation focused on capacity building and technical assistance and development of sustainable value chain for certified products. In addition, Gianluca is leading the development and implementation of climate-friendly agricultural projects promoting adaptation and mitigation strategies. He is based at Rainforest Alliance Regional Office located in San José, Costa Rica.

Prior to his current position, Gianluca worked as Regional Manager for Africa for Rainforest Alliance sustainable forestry certification program accredited by the Forest Stewardship Council (FSC). Gianluca Gondolini holds a university degree in Rural Development in Tropical and Subtropical Countries and a Master degree in Environmental Management. Gianluca gained over 18 years of overseas project management experience in Africa, Latin America and Europe, particularly in the environmental, natural resources, rural development and humanitarian assistance sectors.

Dr. Katharina Plassmann – Institute of Agricultural Climate Research Johann Heinrich von Thünen-Institute



Dr. Katharina Plassmann is a senior researcher with a special interest in carbon footprinting and carbon labelling, climate smart agriculture and sustainability based at the Institute of Agricultural Climate Research of the Federal Research Institute for Rural Areas, Forestry and Fisheries in Germany. She analyses greenhouse gas emissions from agricultural production systems around the world, contributes to the further development of carbon footprinting methodologies, evaluates



potential mitigation measures and considers wider sustainability issues. Of particular interest in her current work are developing countries and their regional needs, challenges and trade opportunities, as well issues of land use change. Previously she has worked as a researcher in the Life Cycle Assessment research group at Agroscope (ART) in Zurich, Switzerland, and at Bangor University, UK.

Anderson Koyo – Imarisha Naivasha Board

Anderson Koyo is currently working as the CEO/Board Secretary to the Imarisha Naivasha Board that was gazetted by the government of Kenya in May 2011 to undertake restoration and sustainable management of Lake Naivasha basin. The Board comprises of representatives of public, private sector- community organizations under the PPP framework for sustainable development. As CEO, it is his responsibility to ensure speedy implementation of board resolutions, develop strategies for resources mobilization, develop Imarisha Development Plan and Strategy to deliver its mandate, liaise with relevant government institutions and programs, forge networks and partnerships with research and natural resources management institutions in Kenya and abroad and ensure participation of all stakeholders and institutions including development partners and investors in the Imarisha programs and projects.

He previously worked with Kenya Wildlife Service (KWS) for over thirty years in various capacities including being Senior Warden in-charge of several conservation areas in Kenya (i.e. Lake Nakuru, Amboseli, Aberdare, Tsavo, Lake Bogoria and the Marine National parks). Other areas of deployment were as a Commanding Officer in-charge of anti-poaching operations in North Eastern Kenya, Researcher in the Research and Biodiversity department in KWS, Wetlands Coordinator and Advisor to KWS and the National focal point for the Ramsar Convention. In that regard, he was responsible for wetlands policy development, enactment of appropriate laws and regulations to govern sustainable management of wetlands in Kenya, developing management plans and strategies for key wetlands in Kenya, developing strategies for sustainable use of wetland resources to improve community livelihoods and promote sustainable economic development in Kenya, supporting capacity building of communities to undertake wise use of wetlands in their areas. Anderson Koyo was also the national focal point for the Convention on Migratory Species of Wild Animals (CMS), Wetlands International, IUCN and a member of the technical committees for the Convention of Biological diversity (CBD), UNFCCC and UNFCCC. He finally also worked as a consultant with UNEP on research to determine the causes of periodic deaths of lesser flamingos in the East African Rift Valley lakes. Anderson Koyo published several papers and reports.