

Professional Profile of Key Expert: Dr. Ananias Bagumire

PhD, Food Safety Legislations in International Trade

Current Position: Managing Director and Lead Consultant for Food Safety Associates Limited and affiliated Entities

Affiliated Entities

- a) Food Safety Associates (Consultancy, technical assistance and project management)**
- b) Food Safety Academy (Training and Advisories)**
- c) National Food Safety Foundation (Research and Conformity Assessment)**
- d) Food Safety Promotion and Advocacy Centre (Promotion and Advocacy)**

- Dr. Bagumire has extensive experience working with International trade development programmes in the context of the WTO agreements on Sanitary and Phytosanitary (SPS) Measures and Technical Barriers to Trade (TBT); and other international trade facilitation and "Aid-for-Trade" issues which spans over 19 years. His experience mainly covers providing policy and technical support related to facilitating and developing capacity of public institutions and private enterprises to meet the SPS, Food Safety, and Quality requirements for international trade mostly focused at agro-products trade to some of the restrictive markets like EU, US and other industrialised countries.
- Dr. Ananias Bagumire is very familiar with the agro-food products markets in the developed regions of the world such as the EU and US having undertaken his PhD studies focussed at promoting trade between his country (Uganda and EU and the US). Through a Company he founded (Food Safety Associates Ltd) and through his works as a consultant, Dr. Bagumire has worked on projects to support business firms in Uganda, East Africa and West Africa to strengthen their capacity to export to Europe, US, and many other markets.
- Dr. Bagumire understands the concerns of private sector whether in Africa, Europe, US or elsewhere, since he or through his company has worked and collaborated with several international companies. His company or him as an individual consultant has worked with several EU-based consultancy firms to jointly bid for or to execute projects in Uganda, East Africa and Africa in General. Notable among the EU Companies his company or himself worked with are: NIRAS NATURA AB (Sweden), Human Dynamics (UK), Lamans Sa (Greece), AgriConsulting (Italy and Belgium), Cardino Markets UK, Ecorys Nederland's, Eurecna SPA (Italy), SAANA (UK), BKP (Germany), Agristudio (Italy), DMI Associates (Germany), and Pohl Consulting (Germany).
- Dr. Bagumire has accumulated practical experience working with several development partners in private sector, donor agencies and government institution and he is well conversant with several requirements and modus operandi of multi-stakeholders programmes and projects. For instance, his company Food Safety Associates Limited maintains an extensive worldwide network of associated consulting companies especially in Europe, United States and Africa whom he sometimes calls on to join hands and draw from extensive databases of highly skilled specialists whenever need arises. Also his company Food Safety Associates Ltd or himself have implemented joint projects with large worldwide consulting firms such as NIRAS NATURA International Consulting, Agriconsulting Europe, British Standards Institute (BSI), Lamans S.A management services, and Ecorys Nederland which accords him knowledge on good management practices for large development programmes and projects. More so, Food Safety Associates or Dr. Bagumire have worked on or managed larger development projects mainly in SMCA, implemented or supported by prominent development partners such as UNIDO, EU, SIDA, NORAD, DFID, USAID, ICEIDA, WTO, UNCTAD, STDF, African Development Bank, World Bank and Trade Mark East Africa among others. Most of these projects are implemented through, and in participation with, the local ministries and institutions in the target countries.
- Dr. Bagumire has worked on several projects in Uganda, East Africa, and West Africa and other regions of Africa mainly focusing on market access issues, food safety, sanitary and Phytosanitary measures and Technical Barriers to Trade. Some of the key responsibilities and projects he has handled are highlighted below:
- Since March 2009 up to now, Dr. Ananias Bagumire has been the Managing Director of Food Safety Associates Limited and affiliated entities.
- From May 2015-April 2017, he is serving as Co-Team Leader and Senior Expert on institutional frameworks for National Quality Infrastructure on the SIDA/TMEA funded Quality Infrastructure and Standards Programme Extension of Phase II. His role covers advising government on Institutional Coordination and the necessary adjustments needed to reform and strengthen the institutions to improve coordination, collaboration and cooperation while maintaining the desired independence of some institutions in the national quality infrastructure. He is also assisting government to initiate Implementation of Quality Management Systems Standards based on ISO 9000 series as a means of improving service delivery in government institutions. He is also undertaking practical guidance to government institutions and private sector to improve traceability of Agro-food exports especially for horticulture products exported to the EU among others. He is advising the government through Ministry of Trade Industry and Cooperative (MTIC) on coordinating the development, gazettement and implementation of technical regulations and standards by respective agencies. In addition, he is advising government on rationalization of mandates of institutions in the national quality infrastructure,

resolution of conflicts among them and mobilization of funds to implement standardization, metrology, conformity assessment and accreditation activities.

- In April and May 2015, he was part of the two man team of senior international experts hired by the United Nations Industrial Development Organisation (UNIDO) at the urging of Uganda's ambassador in Brussels to assess challenges and recommend appropriate intervention necessary to stop interceptions of Uganda's horticulture (fruits and vegetables) exports to the EU basing on food safety and Phyto-Sanitary measures. The team consulted various stakeholders and developed a project document for UNIDO stakeholders to implement the necessary interventions
- In February to April 2015, he led a four persons' team of experts that reviewed the National Fisheries Policy for the Ministry of Agriculture, Animal Industry and Fisheries in Uganda. The team consulted stakeholders and updated the existing National Fisheries Policy of 2004, in line with new format of the policy documents issued by the cabinet secretariat in 2009. The team also updated policy in line with the changed policy planning framework and changes that have occurred in the sector in the last decade. The new draft policy was made ready for wider stakeholder consultation.
- From September 2014 - January 2015; Dr. Bagumire was the team leader for the Food Safety Associates Limited hired to oversee implementation of key activities under the MTIC Quality Infrastructure and Standards Programme (QUISP). Under the assignment, the team reviewed and updated the draft National Sanitary and Phytosanitary (SPS) Policy to bring the policy in line with modern concepts of SPS control based on risk analysis as required in the WTO SPS agreement. The policy was updated to bring it in line with the new developments at the National, Regional and International levels. The team also drafted the National SPS Policy Implementation Plan. Under this assignment Dr. Bagumire spear-headed the implementation of hygiene standards in meat abattoirs in Kampala city by under taking Gap Analysis study to determine level of implementation of hygiene standards in abattoirs, developed training manual for meat abattoirs, sensitized abattoir operators and developed information materials to increase awareness of abattoir operators on hygiene standards. The team also developed technical position papers on legal changes required to reform the implementation of technical regulations and standards with recommendations on issues to be considered when reviewing and developing legal framework for technical regulations and voluntary standards.
- In October 2014 to April 2015, Dr. Bagumire led a team of experts to undertake an inventory for Perfluorooctane Sulfonic Acid (PFOS), its salts and Perfluorooctane Sulfonyl Fluoride (PFOS-F) – one of the new industrial Persistent Organic Pollutants (POPs) added on to the Annex B of the Stockholm Convention on POPs in 2009. The inventory was conducted on behalf of the National Environment Management Authority under the project to "Review the National Implementation Plan for the implementation of the Stockholm Convention on Persistent Organic Pollutants (POPs)". The assignment covered visits and observations interviews and investigation of suspected articles and sites that contain PFOS substances in the country, estimation of imported articles such as synthetic carpets, textiles and apparels, leather, firefighting foams, insecticides and suspected contaminated sites such as waste dumping sites in the country to estimate the quantity of PFOS in Uganda. The study also drew an action plan for control of PFOS in Uganda.
- From July – November 2014 Dr. Ananias Bagumire was part of the SAANA UK team of experts that conducted a baseline survey on behalf of Trade Mark East Africa (TMEA) to determine the impact of harmonization of standards on cross border trade in east African community. The study identified the standards-related trade barriers impacting on trade of 20 most traded products in the EAC region. The study also determine the cost of unharmonised standards on trade in specific products in the EAC region among others
- From May 2011 to May 2014 he served as Senior International Trade Expert (Institution and Stakeholder Coordination) under the SIDA/TMEA funded Quality Infrastructure and Standards Programme (QUISP) under the Ministry of Trade, Industry and Cooperatives in Uganda. Under this work he undertook the analysis for Standardisation, Metrology, Conformity assessment and Accreditation (SMCA) stakeholder institutions in Uganda to identify the challenges associated with the existing coordination mechanisms for these institutions. The analysis led to developing strategic proposals for establishment of an efficient coordination mechanism in form of a forum for all SMCA stakeholders. Under Dr. Bagumire's stewardship, a National Quality Forum in form of the National Quality Coordination Committee composed of all SMCA stakeholders has been established in Uganda with an interim Secretariat currently hosted by the Ministry of Trade, Industry and Cooperatives. Plans are underway to transfer the National Quality Forum to the Office of the Prime Minister. Dr. Bagumire has guided the establishment of the Forum's Secretariat; he developed the Terms of Reference for forum, the forum's operational modalities and a detailed operation manual containing the Forum's plan of action. The forum is composed of Key Directors in all Ministries, Departments, Agencies (MDAs) and Executives of Key Private Sector Bodies and Companies as well as relevant Civil Society Executives of organisations that hold stakes in Standardisation, Metrology, Conformity assessment and Accreditation (SMCA) activities. The Forum members meet quarterly to review and discuss any challenges and emerging issues in the national quality infrastructure in Uganda, the implementation of their decision is overseen by the Forum's secretariat, which works in collaboration with the Office of the Prime Minister. Dr. Bagumire has also spearheaded the technical assistance efforts to the Ministry of Trade Industry and Cooperatives in developing strategic proposals for reforming the National Quality Infrastructure Institutions in Uganda to be in line with international best practices and responding to the quality needs of the Ugandan Society.
- Between July 2012-July 2013 Dr. Bagumire was a Senior International Trade Expert on the European Union funded Economic Partnerships Agreement Related Trade and Private Sector Support (EPA TAPSS) Programme implemented by the

Ministry of Trade, Industry and Cooperatives. He supported several initiatives to increase the capacity of Ugandans enterprises to meet the requirements for exporting to the EU among others. He worked as a Team Leader for the SPS Component of the EPA TAPSS Programme and was responsible for overall implementation of Food Safety and SPS activities of the EPA TAPSS programme including providing technical advice on management of value chains and developing industry codes of practices for quality and safety assurance in key subsectors such as Horticulture, and cereal grains; supporting appropriate policy, legal and institutional reforms in line with international requirements; Providing technical support in SPS and food safety awareness activities; assisting institutions of higher learning to incorporate food safety and SPS in educational curricula, and establishing new courses; supporting the development of control systems for enforcement of SPS technical regulations including development of standard operating procedures and operational guidelines for inspection services; and organising and facilitating training for different players in agro-food production and trade; undertaking training of district technical staff in SPS management and control; conducting a functional analysis study of the public SPS institutions with aim of identifying gaps and recommending areas for capacity development and study to assess the the capacity of the WTO National Notifications Office and recommending mechanisms for its revitalisation in regard to WTO SPS notifications

- Also Between November 2012 and September 2013, Dr. Ananias Worked as the Food Safety Control Consultant under the World Bank funded East Africa Agricultural Productivity Project (EAAPP) Implemented by Ministry of Agriculture, Animal Industry and Fisheries (MAAIF) through the National Agricultural Research Organisation (NARO). Through this assignment Dr. Ananias Bagumire undertook a study aimed at recommending the Establishment of a functional food safety control system under MAAIF. He carried out field visits to Commercial enterprises and consulted players in the entire agro-food value chain as well as relevant public sector players to identify food safety related challenges and feasible mechanisms for food safety interventions required to improve food safety management and control in the entire agricultural production (crop, livestock, fish) and value chain. His study suggested policy and operational actions to establish a working food safety control framework and system for the agro-sector and the country at large
- Between 2012-2013 he led a team of experts of TRANSEC Ltd to undertake study for MTIC and QUISP to assess the capacity of public and private sector testing and calibration laboratories in 2012 and 2013. Through the study Dr. Bagumire and his team determined the nature, state and calibration status of laboratory equipment assessed the human, financial and other resources needed to effectively address the testing and calibration needs of the producers, exporters and importers of goods in Uganda. The study developed a resource map for building capacity testing and calibration labs in the country. The study also recommended criteria for selection of centres of excellence for the different testing and calibration scopes.
- In 2012 he also led a team of experts for TRANSEC Ltd to undertake studies and collect data and information required for harmonising Uganda's position and back up information needed by Uganda's delegates during international food safety related trade negotiation for MTIC/QUISP
- He and his team also undertook studies and developed technical paper with data and information required to harmonise Uganda's position and back up information needed by Uganda's delegates, during the international SPS- related trade negotiation for MTIC/QUISP.
- Between 2010 -2012 he was Team Leader for the Icelandic International Development Agency (ICEIDA) funded Quality Assurance for Fish Marketing Project (QAFMP) which was focussed at supporting fish industry and business infrastructure in Uganda for enabling product access to EU market and other international markets. He lead a team of experts to carry out a comprehensive review of the Uganda's regulatory frame work for safety and quality assurance of fishery and aquaculture products. His team harmonised the Uganda's fishery and aquaculture product control legislation with the EU market requirements. The assignment covered the review and update of Fish (Quality Assurance) Rules 1998; Fish (Aquaculture) Rules 2003; Manual of Standard Operating Procedures for Fish Inspection and Quality Assurance (2008) and Manual of Standard Operating Procedures for inspection and Verification of Aquaculture Establishments and Practices. His team also developed a Standard Fish Inspectors' Guide (code of fish inspection); Code of Good Practice for Aquaculture safety and Quality Assurance for fish farm operators and Code of good practices for safety and quality assurance in artisanal fish industry. All these instruments were adopted by the government and industry in Uganda and are currently in operation. Dr. Bagumire also led another team of experts that conducted a Midterm review of the ICEIDA funded QAFMP. As part of the review, his team undertook value chain and stakeholders analysis for all operations in the fish value chains. Dr. Bagumire and his team recommended interventions needed in the fisheries sector to maximise benefits from the fisheries resource.
- Since 2012 Dr. Bagumire has been deeply involved in the establishment of Trade Africa Network – East Africa Trade and Investment Forum (TAN-EATIF) and Conference for which since its establishment he has served as the Interim Chairman. TAN-EATIF is an organisation established in 2012 by trade and investment professionals, specialists, practitioners, business operators, research and academia, civil, public and private sector in the East African Region. The forum brings together non state actors and state actors to dialogue on trade and investment issues in the region. Some of the major objects of the organisation are to develop business- to- business contacts and building strong networks among trade and business operators as well as advocating for friendlier trade and business environment in the region. The organisation is a replicate of similar organisations based in SADC region as well as other parts of the world. As the chairman he has been involved in

the development of the operational strategy and plan for the TAN-EATIF and its national chapters, sourcing of funding and preparation of proposals, organisation of initial meetings, member recruitment and kick-starting the organisation activities.

- Since June 2013, Dr. Bagumire was hired as the institutional advisor for the Ford Foundation International Fellowship Programme – Uganda Alumni Association (IFP-UAA), to develop the organisational strategic plan for the period 2014-2019. Part of his work leading to development of the organisation’s strategic Plan, was undertaking a stakeholder analysis and needs assessment of the IFP-UAA. IFP Alumni is a World Wide Organisation established by the beneficiaries of the Ford Foundation International Scholarships fighting for social justice causes. The IFP-UAA is the Ugandan chapter. Although the organisation was established in early 2000, it had done little to sustain itself or benefit its members or meet its own objectives. Dr. Bagumire was hired to develop a strategic plan that would guide the organisation to meet its objectives. He has assisted the organisation to developed a 5-year strategic plan to be implemented in 2014-2019.
- Between September 2009 and June 2012, Dr. Bagumire in the capacity of Regional Programme Coordinator, headed a United Nations Industrial Development Organisation (UNIDO) programme in the East African Community Region titled “Trade Capacity Building in Agro-Industry Products for Establishment and Proof of Compliance with International Markets Requirements”, Through the programme, he facilitated enterprises to implement, SPS, food safety and standards required to trade in the region and abroad. Specifically he provided technical support through capacity building programmes, guided infrastructural upgrading, and instituting structural changes within private and public sector in EAC partner States to comply with the requirements of WTO agreements on SPS and TBT issues. Dr. Bagumire assisted private and public sector players in the East African Community in harmonising standards and conformity assessment procedures like inspection, testing and certification to ensure smooth cross-border trade in key agro-industry products in the region and abroad.
- Before his assignment to Head the UNIDO Trade Capacity Building Programme, Dr. Bagumire had participated as part of the two-man team of International Experts that conducted the Midterm Review of the UNIDO TCB programme in the EAC. His team undertook the analysis of trade and export enterprises and trade support institutions in the East African Community to identify their needs, developed activities and road maps that guided further implementation of the UNIDO Trade Capacity Building programme.
- Dr. Bagumire has worked in various Trade related support programmes on the Africa continent and he understands very well the business environment in Uganda and East Africa and Africa as whole. Dr. Bagumire has supported efforts aimed at developing the capacity of the East African Business Council (EABC) to benefit its members in the region, especially in the area of SPS and standards awareness. He has also worked with and supported SPS and Standards awareness activities in all the Chambers of Commerce, Industry, and Agriculture; and Private sector foundations, federations and alliances in the Member States of the East African Community.
- Dr. Bagumire was a co-chair of the EAC-COMESA-SADC Tripartite team of experts who were tasked to develop the SPS work programme for the three Regional Economic Communities (RECs) and SPS Annex to the Tripartite Free Trade Area Agreement that is being negotiated. He also participated in the development of the Standardisation, Quality Assurance, Metrology and Testing (SQMT) Annex of the Tripartite Agreement.
- Before undertaking the above assignments, between February 2006 - February 2008, Dr. Bagumire worked as a senior International Trade expert on a long term assignment in the capacity of Ag. Team Leader and Deputy Team Leader for a European Union – Africa Caribbean Pacific (EU-ACP/OCT) programme on “Strengthening the Fishery Products (SFP) Health Conditions to meet international trade requirements” in West African Anglo-phone countries of Ghana, The Gambia, Sierra Leone and Liberia where he guided trade-related public institutions, industry and other institutions to institute adequate legal and structural changes to meet the international trade requirements for the EU market.
- He also worked on a similar programme “Strengthening the Fishery Products (SFP) Health Conditions to meet international trade requirements” East African in East Africa region (Kenya, Uganda and Tanzania) between 2004 -2006 where he worked as a National Counterpart on the Team of International Experts Headed by the Natural Resources International of UK.
- Dr. Bagumire is familiar with government service operations, having served as a senior government official in the Ministry of Agriculture, Animal Industry and Fisheries in Uganda, where he was under appointment as a Senior Fisheries Inspector. During his time in government service, he among others spear-headed the following activities:
 - a) Preparation of Food Safety Control Harmonisation Dossier for Aquaculture Products submitted to Food and Veterinary Office (FVO) of European Commission’s DG SANCO requesting for approval of Uganda’s export for fish and fishery products of Aquaculture origin into the EU, which was approved in June 2010
 - b) Preparation of Annual Residue Monitoring Plans for aquaculture products submitted to EC DG SANCO in the years 2008 and 2009
 - c) Representing Department of Fisheries Resources (DFR) and MAAIF on the national task force that drafted the organic agriculture policy, 2007/2009
 - d) Representing DFR and MAAIF on the national subcommittee for developing guidelines for approval of drugs and chemicals used in aquaculture under the National Drugs Policy

- e) Serving as National Counterpart for the EU ACP/OCT Programme on strengthening of fishery products health conditions in East Africa in 2004/2006
 - f) Leading the team of officers that drafted the Fish (Aquaculture) Rules, 2003 and manual of standard operating procedures for inspection and verification of aquaculture establishments and practices, 2006
 - g) Prior, he participated on the national task force that developed fish and fishery products standards and code of good practices in the fish industry.
 - h) Coordinating the MAAIF – Fisheries component Government of Uganda, Strategic Exports Development initiative which was dubbed Government Strategic Intervention, where he was Coordinator of the Fish Restocking Programme. The programme supported development of Fish Hatcheries and restocked over 20 community valley dams and 21 minor lakes including availing fish seed for stocking the ponds of over 7000 fish farmers. This was in the period 2002-2003.
- Prior to Joining MAAIF, he worked as Research Officer (Chemical Laboratory Analyst) in the Food Science and Technology Research Institute of the National Agricultural Research Organisation (NARO) between 1995-1997. He pioneered research that developed the chemical indices for determining the quality of the Nile Perch Fillets Exported to the European Union. He also undertook work related to pesticide residues in horticulture produce among others.
 - In the period 1997-2001, he served as a Nation –Wide Coordinator for the DFID Funded Natural Resources Institute UK, Programme on the “Predictive Models to Determine the Cost of food safety controls in post harvest fisheries chain” which was implemented by the Mike Dillon Associates Ltd of UK, Natural Resources International UK, and the Food Science and Research Institute of the NARO in Uganda. The programme developed a software tool for costing the food safety controls in the food chain such as cleaning and sanitation of fish factories, fishing and fish transport boats; landing sites and icing of the fish in the post harvest chain. Guidelines for optimal icing and cleaning and sanitation in the chain were developed and implemented by the value chain operators.
 - Dr. Bagumire’s PhD is in area of international trade policy and legislation mainly focussing on SPS and Food Safety in the framework of the WTO agreements on Sanitary and Phyto-Sanitary (SPS) measures and Technical Barriers to Trade (TBT). His PhD research activities focused on policy and legislation in international trading system and the setting up of international trade infrastructure and systems required for agro-industry products in developing countries to meet regulatory requirements for international prime markets, with EU and US markets being his case studies. His Masters dissertation looked at the Chemical and Sensory Assessment of the Nile Perch Exports from Uganda to the EU.
 - He has also attended several training courses in Uganda, UK, Kenya, USA, Denmark, Ghana, Thailand, Austria, South Africa and elsewhere, which have improved his knowledge and skills required to support and facilitate private and public sector players in SPS, Food Safety, TBT areas and market access and trade development initiatives. Notable among the courses are: Food Safety and Testing Summit 2013 (one week in South Africa), International Food Safety course (1 week course offered by International Institute of Agriculture/Institute of Food Laws at Michigan State University in USA); Hazard Analysis Critical Control Point (HACCP) for fruit and juice industry (1week, by Gerber products Company/Department of Food Science and Human Nutrition,) Michigan State University, USA) Food Risk Analysis and Exposure Assessment (Two days course by FAO/WHO in Kampala); Fish Loss Assessment and Control, One week Training by FAO, Accra Ghana; Economics and Implementation of HACCP in fish Industry (Denmark, Danish Institute of Fish Technology/FAO); methodology for costing the controls in the food chain (Two days Course by Mike Dillon Associates , UK); Auditing for food controls (1 week course by Midway Technology Centre, UK; and Traceability of Food (Three day symposium organised by Afri-Trace/Tracesoft, Nairobi, Kenya); Other training courses attended are: UN Procurement, Financial Management, Project implementation guidelines (1 week by UNIDO, in Vienna, Austria); Monitoring and Evaluating (M&E) Developing Activities (one month by the Overseas Development Group (ODG) at University of East Anglia (UEA, Norwich in UK); World Bank Projects Implementation Guidelines (Two days training conducted by World Bank Experts in Entebbe); Management Information System (MIS) for M&E (2weeks by ODG at UEA in UK); and Participatory Rural Appraisal [PRA](3weeks offered by Egerton University, Kenya).
 - Besides, Dr. Bagumire has written and published several documents, and made presentations in different fora, on a wide range of subjects in the areas of food safety, Sanitary and phytosanitary measures, standardisation, metrology, conformity assessment, accreditation; quality infrastructure and international trade. He has also undertaken several consultancies to guide various stakeholders in different aspects of the above mentioned fields. The details of the Project, consultancies and assignments Dr. Bagumire has undertaken and publications/presentations made are provided in the following sections:

Detailed Professional experience for Dr. Ananias Bagumire

Date	Location	Company & Reference person	Position	Description
May 2009-Current	Kampala	Foodsafety@foodsafetyltd.com	Managing Director Lead Consultant	He oversees the technical administration and business development activities for food safety associates ltd and affiliate entities covering consultancy, technical assistance activities and programme/project management. Also oversees and spearheads the training and advisory services offered by the respective affiliated entity. He spear heads planning, business solicitation, bid and proposal writing and leads the teams to undertake different projects including research and conformity assessment, promotion and advocacy, projects development and implementation among others.
May 2015-April 2017	Kampala	NIRAS NATURA AB/BSI/FSA Kristina; Project Director Kristna.mastoianni@niras.com	Co-team Leader and Senior International expert on institutional frame work for National Quality Infrastructure	Advise government through MTIC QUISP on Standardisation, Metrology, Conformity Assessment and Accreditation (SMCA) Institutional coordination and institutional reforms. He developing initiatives for implementation of quality management system in government institutions as well as initiative for implementation of traceability system in horticulture subsector, mostly for exports to the EU.
April –May 2015	Kampala	UNIDO HQS in Vienna, Trade Capacity Building branch, Anastasiia Konstantynova A.KONSTANTYNOVA@unido.org	Key SPS and food safety expert	Under took a rapid response mission to investigate the challenges in the horticulture subsector in Uganda; following a rapid alert by the EC DG SANCO regarding several interceptions of fruits and vegetable exports at the EU borders due to presence of quarantined pests and other food safety related issues. The team consulted a wide range of stakeholders and developed a project document highlighting the short comings and challenges in the subsector and developed together with the stakeholders the short term, midterm and long term interventions necessary to address the Phytosanitary and food safety issues affecting the fruits and vegetables
Feb - April 2015	Kampala	Ministry of Agriculture, Animal Industry and Fisheries – Directorate for Fisheries Resources (MAAF- DIFR) Commissioner for fisheries wadanyalovelock@gmail.com	Team Leader and Fisheries and SPS expert	Consulted stakeholders and reviewed and updated the National Fisheries Policy
Sept 2014 - January 2015	Kampala	MTIC-QUISP Programme coordinator dainebyona@mtic.go.ug	Team leader Key expert on SPS &TBT	Reviewed and updated the draft National Sanitary and Phytosanitary (SPS) Policy and National SPS Policy Implementation Plan. The team also conducted a Gap Analysis Study for implementation of hygiene standards in abattoirs in Kampala city; Developed training manual for implementation of hygiene standards in abattoirs; and awareness and sensitisation materials on observing hygiene in abattoirs. His team also proposed legal and regulatory changes required to for effective implementation of Technical Regulations and standards in Uganda

Oct 2014 – May 2015	Kampala	National Environmental management Authority (NEMA) Project Manager, Review of National Implementation Plan (NIP) under the Stockholm Convention on Persistent Organic Pollutants (POPs) Ms. Christine Kasedde acsnekasedde@gmail.com		Conducted an inventory for PFOS, Its salts and PFOS-F one of the new industrial POPS added to Annex B of Stockholm Convention on POPS. Also developed action plan for control of PFOS in the country.
July - Oct 2014	Kampala	SAANA Consulting Ltd, UK Petteri Lammi Senior Project Manger petteri@saana.com	Key expert on Standardisation Quality Assurance, Metrology and Testing/ Evaluation	Conducted a baseline survey to determine the impact of harmonisation of standards on trade in East African Community region. Also establishment the cost of unharmonised standards on businesses among others.
11/2012-Presnt	Kampala, Uganda & Arusha, Tanzania	Trade Africa Network-East Africa Trade and Investment Forum (EATIF) and Conference Mr. DeusededitKizito, TAN-EATIF Tanzania, General Secretary taneatif@gmail.com	Interim Executive Chairman	<p>TAN – EATIF is an Organisation established in 2012 by trade and investment professionals, specialists, practitioners, business operators, research and academia, civil, public and private sector in the East African Region. The Forum brings together Non state Actors and State Actors to dialogue on trade and investment issues in the region. Some of the major objects of the organisation are to develop business to business contacts and building strong networks among trade and business operators as well as advocating for friendlier trade and business environment in the region. The organisation is a replica of a similar organisation based in SADC region as well as other parts of the world. Dr. Bagumire has been at the fore front in the establishment of TAN-EATIF.</p> <p>As the chair of the interim executive, Dr. Bagumire has fore seen the drafting of the constitution, establishing the work programme and drafting the concepts for the initial meeting and organisation of the first planned conference. Together with his executive he has solicited and obtained funding for supporting the initial activities of the organization. They have applied for the EU BuzClim support, but BuzClim indicated that the application would be considered depending on resolutions of the recently concluded EU-Africa Summit and Business Forum, and therefore the final decision of BuzClim is being awaited by the TAN-EATIF Executive. Their Executive have established all the foundation documentation, held regional meetings for core members and begun a process of member recruitment. Consultation and Discussions underway to determine and establish a fee model for the membership of TAN-EATIF</p>

06/2013-04/2014	Kampala, Uganda	Ford Foundation International Fellowships Programme – Uganda Alumni Association (IFP-UAA) Dr. Rev. Uziah Maate Kiriaghe, Board Chairman. ukiriaghe@ucu.ac.ug	Institutional Advisor	IFP Alumni is a World Wide Organisation established by the beneficiaries of the Ford Foundation International Scholarships to fight for social justice causes. The IFP-UAA is Ugandan chapter. Although the organisation was established in early 2000, it had done little to sustain itself or benefit its members or meet its own objectives. Dr. Bagumire nominated to guide the institution to meet its objectives. He has developed a 5-year strategic plan to be implemented in 2014-2019. In order to develop a strategic plan relevant to the needs of the target communities, he undertook a stakeholder's analysis and needs assessment of the IFP-UAA and stakeholders. The organisational strategic plan for the period 2014-2019 is currently under review by the Board of Directors.
06/2011-04/2014	Kampala, Uganda	NIRAS/BSI/FSA Kristina, Project Director Kristina.Mastroianni@niras.com/	Senior International Trade Expert on Institutional and Stakeholders coordination	Advising the Programme Management Unit of the SIDA funded Quality Infrastructure and Standards Programme (QUISP) in the Ministry of Trade, Industry and Cooperatives (MTIC) in Uganda on developing an effective mechanism for coordinating Key stakeholders on international trade related issues, quality infrastructure, international trade policy and legislation and compliance issues. He has supported standardisation, metrology, conformity assessment and accreditation (SMCA) stakeholders in Uganda to establish a National Quality Coordination Forum, which now has an interim secretariat in the Ministry of Trade, Industry and Cooperatives (MTIC), which is later planned to be hosted by the Office of the Prime Minister
07/2012- 07/2013	Kampala, Uganda	EU Economic Partnerships Agreement Related Trade and Private Sector Support (EPA TAPSS) programme under the Ministry of Trade, Industry and Cooperatives through Agriconsulting/Ecorys Nora Plaiser – Project Director for EPA TAPSS at Ecorys Nederland nora.plaisier@ecorys.com Dr.LindaniNdlovu, Team Leader, Tel:+256782911404 lindanindlovu@ta2epatapss.co.ug	Key expert and Team Leader for Food Safety and SPS component	Responsible for overall implementation of Food Safety and SPS component of the EPA TAPSS programme including providing technical advice on management of value chains and developing industry codes of practices for quality and safety assurance in key subsectors such as Horticulture, and cereal grains; supporting appropriate policy, legal and institutional reforms in line with international requirements; Providing technical support in SPS and food safety awareness activities, Assisting high educational institutions incorporate food safety and SPS in educational curricula, and establishing new courses; Supporting the development of control systems for enforcement of technical regulations including development of standard operating procedures and operational guidelines for inspection services; and organising and facilitating training for different players in agro-food production and trade; also undertaking training of district technical staff in SPS management and control, and conducting a functional analysis study of the public SPS institutions with aim of identifying gaps and recommending areas for capacity development. Also studying the capacity of the WTO National Notifications Office and recommending mechanisms for its revitalisation in regard to WTO SPS notifications.

11/2012-10/2013	Kampala, Uganda	East Africa Agricultural Productivity Project (EAAPP) with funding from World Bank under the Ministry of Agriculture, Animal Industry and Fisheries and National Agricultural Research Organisation (NARO) Assignment was Coordinated by Department for Crop Protection), Uganda Dr. George Lukwago, Project Coordinator lukwagogeorge@gmail.com eaappuganda@naro.go.ug	Food Safety Control Consultant	Establishing a functional a food safety control system by undertaking field visits to Commercial enterprises and consulting players in the entire value chain and relevant public sector players to identify food safety related challenges and feasible mechanisms for food safety interventions required to improve food safety management and control in the entire agricultural production (crop, livestock, fish) and value chain. The study suggested policy and operational actions to establish a working food safety control framework in the agro-sector and the country at large.
03/2013-09/2013	Kampala, Uganda	TRANRSEC Ltd, on behalf of the Ministry of Trade, Industry and Cooperatives tranrsecltd@gmail.com	SQMT - consultant	Led the team of expert to undertake the study to assess the capacity of public and private sector Testing and Calibration Laboratories to determine the nature, state and calibration status of the laboratory equipment; Assess human, financial and other resources and developed a resource map for building capacity of such labs. The study recommended criteria for selection of centres of excellence for different testing and calibration scopes
02/2012-05/2012	Kampala, Uganda	TRANRSEC Ltd, on behalf of the Ministry of Trade, Industry and Cooperatives tranrsecltd@gmail.com	International Trade negotiations expert	Developed: A technical paper with food safety related data and information required for harmonizing Uganda's positions during international trade related negotiations. A technical paper with SPS related data and information required for harmonizing Uganda's positions during International trade related negotiations.
08/2010-02/2012	Kampala, Uganda	Icelandic International Development Agency (ICEIDA) Uganda and Ministry of Agriculture, Animal Industry and Fisheries (MAAIF), Programme Director Mr. ArniHelgason arnih@iceida.is ICEIDA, Uganda	Team Leader and International Trade Expert – trade legislation	Leading team of experts to carry out a comprehensive review and harmonisation of Uganda's legal framework for fishery products with the EU regulations. He also undertook a comprehensive Midterm review of the ICEIDA Funded Quality Assurance for Fish Marketing Project where he carried out the value chain and stakeholder analysis and identified the needs of operators and stakeholder institutions as well as recommending the necessary interventions to maximise the utilisation of fisheries resources in Uganda

09/ 2009-6/ 2012	Vienna, Austria; Arusha, Tanzania & EAC member countries	Directorate of Trade and Customs, The East African Community Emmanuella Hakizimana Senior Export Promotion Officer, Directorate for Trade at EAC, Arusha, Tanzania EHakizimana@eachq.org Tel: +255766075390	Regional Coordinator, Trade Capacity Building	Coordinating the UNIDO Programme on "Trade Capacity Building in Agro-Industry Products for Establishment and Proof of Compliance with International Markets Requirements". In the East African Community. Tasks undertaken included: supporting efforts aimed at developing the capacity of the East African Business Council (EABC) to benefit its members in the region. Dr. Bagumire also worked with and supported all the Chambers of Commerce, Industry, and Agriculture; and Private sector foundations, federations and alliances in all the member states of the East African Community. Review and development of quality and SPS-related infrastructure; review of policy and regulatory framework needed to produce agro-products and harmonising them with international trade policy and legislation to meet the requirements of regional and international markets. Development of Regionally Harmonised trade related SPS measures for agro-industry products. Also co-chaired the EAC-COMESA-SADC team that developed the SPS annex to the draft tripartite agreement. At the beginning of his assignment, he was part of two-man team that conducted the midterm review for the Trade capacity Building Programme where he conducted the stakeholders and needs assessment for the beneficiary institutions and private sector operators in Kenya, Uganda, Tanzania, Rwanda, Burundi, the EAC Secretariat, developed the activity plan and road map for further project implementation.
01-03/2008 and 01-03/2009	Kampala	Ministry of Agriculture, Animal Industry and Fisheries, Uganda Mr. Jackson Wadanya, Commissioner for Fisheries, MAAIF wadanyalovelock@gmail.com	National expert National Food Controls	Prepared a residue monitoring plan for fishery and aquaculture products in Uganda and prepared an EU market harmonisation checklist for EU DG SANCO, in application to European Commission to approve aquaculture exports from Uganda, which were later approved.
09/2009-12/2009	Tanzania and Uganda	United Nations Industrial Development Organisation, Vienna Mr. Hedeshi Masoud M.Hedeshi@unido.o	International Industry and Trade expert	Part of international team of experts that carried out a world-wide study to determine the impact of global financial and economic crisis on Productive Capacities of Less Developed Countries (LDC) food industry leading to the UNIDO global conference held 3-4 December 2009. As part of the team Dr- Bagumire carried out an Evaluation of the Impact of Global Financial and Economic Crisis on Fish Industry in Eastern Africa. The findings of the study were presented and discussed at the UNIDO global conference in Vienna, Austria.
09/2007-03/2009	Kampala	NOGAMO/ACODE/ MAAIF Mr. Jackson Wadanya, Commissioner for Fisheries, MAAIF wadanyalovelock@gmail.com	Technical Expert	Development of National Policy on Organic Agriculture and Fair Trade. The tasks involved review of documents, drafting of the policy and carrying out nation-wide consultations for the various stakeholders.

07/2007- 04/2008	United States	Institute of food laws, International Institute for Agriculture and National food safety and Toxicology Centre, Michigan State University, USA Director Emeritus Prof.Ewen CD Todd tecdtodd@gmail.com	Visiting Research Scholar (Comparative International Food Trade Policy and Legislation)	Research activities included among others: Studying US International trade policies on food products specifically regarding quality and SPS matters affecting fish and agro-products imports, carrying out comparative analysis of US and EU trade policies and legislations concerned with trade in agro-industry products; SPS and Food safety management of the value and supply chains to identify those with specific impact on fishery and related agro-products trade in developing countries.
03/2006-07/2007	West African Anglo-phone countries of Sierra Leone, The Gambia, Liberia and Ghana	Lamans S.A Management services Mr. Theologos Papa Georgiou tpapageorgiou@lamans.gr	Deputy Team Leader (Long term senior International Trade expert)	Senior International trade expert on a European Union funded ACP/OCT project on Strengthening of Fishery Products' Health conditions (SFP) in West African Anglo-phone Countries of Ghana, Sierra Leone, Gambia and Liberia. Guided Trade, SQMT and Conformity assessment bodies and public institutions on development of EU market compliance legal and institutional infrastructures. Developed a fish and aquaculture products legislation that meet requirements of EU markets; and assisted Sierra Leone to develop a trade harmonisation dossier and an application for re-admission into the EU market for its fishery products. Also assisted The Gambia to respond to the critical inspection report of the Food and Veterinary Office (FVO) of the European Commission (EC) Directorate for Health and Consumer Protection (DG SANCO).
05/2004-02/2006	Uganda	Natural Resources International and Ministry of Agriculture, Animal Industry and Fisheries MAAIF Mr. Jackson Wadanya, Commisioner for Fisheries, MAAIF wadanyalovelock@gmail.com	International Trade Expert	European Union funded ACP/OCT project on Strengthening of Fishery Products' Health conditions (SFP) in East African countries of Uganda, Kenya and Tanzania. Guided competent authorities in the region to institute EU market complying systems and regulatory infrastructure.
02/2002-02/2006	Uganda	Ministry of Agriculture, Animal Industry and Fisheries MAAIF Mr. Jackson Wadanya, Commisioner for Fisheries, MAAIF wadanyalovelock@gmail.com	Food Safety and international Trade Specialist (Team Leader)	Headed a national task force to establish international trade-compliant food safety and quality assurance programme for aquaculture products in Uganda. Drafted national aquaculture regulations, standard operating procedures for verification and inspection of aquaculture establishments that provide adequate guarantees to international markets.
11/1997-02/2000	Uganda	DFID/NRI / Mike Dillon Associates (UK)/ NARO FOSRI Ms. Margaret Massette, Head of NARO- Food Biosciences and Agri-business (FBA) Research Programme (formerly, FOSRI)	National project Coordinator	Research project on "Predictive Models for food controls in post-harvest food establishments" implemented by DFID/Natural Resources International (NRI and Mike Dillon Associates Ltd UK and Food Science and Technology Research Institute (FOSRI) under National Agricultural Research organisation NARO. The research audited food quality and safety controls in post-harvest chain. Also developed models and software tools for predicting food quality and safety controls in the post-harvest fish supply chain that meet the criteria for international trade.

04/1998-06/2000	Uganda	Ministry of Agriculture, Animal Industry and Fisheries MAAIF/Mike Dillon Associates UK Mr. Jackson Wadanya, Commissioner for Fisheries, MAAIF wadanyalovelock@gmail.com	International food trade Expert	Member of a task force that developed national product standards and instituted effective food safety control measures for fish industry following the series of fish export bans by EU which characterised the period 1997-2000. These measure were harmonised with international trade requirements at the time and were approved by EU market authorities resulting in lifting the ban on fish exports.
08/1996-11/1997	Uganda	NARO- Food Biosciences and Agri-business (FBA) Research Programme (formerly, FOSRI) Ms. Margaret Massette Head of NARO FBA Research Programme E-mail: karidir@imul.com	Chemical Analyst	Laboratory Analyst in Food Chemistry Laboratory. Adapted the EU market required methods for analysis of Total Volatile Base Nitrogen on Ugandan meaty products; Also conducted the Research leading to the award of Msc. The title of Dissertation "Chemical and Sensory Assessment of Nile Perch Quality Along the Handling and Processing Chain".

List of Publications, Reports, Documents and Presentations by Dr. Ananias Bagumire

a. Reports/papers/documents Dr. Bagumire produced or published while working as team leader for different assignments or as part of the different consortia

1. Final Report of the External Midterm Review for Support to the Implementation of Quality Assurance for Fish Marketing Project (QAFMP) [2009-2013] implemented under the Department of Fisheries (DFR) in the Ministry of Agriculture, Animal Industry and Fisheries (MAAIF) in Uganda . Project Ref. No: UGA 31391-0801, November 2012. Report was produced for Icelandic International Development Agency (ICEIDA) who funded and implemented QAFMP by Team leader (Ananias Bagumire) through Food Safety Associates Ltd.
2. Code of Good practice for Food Safety and Quality Assurance in Aquaculture. Produced by Ananias Bagumire through Food Safety Associates Ltd for DFR-MAAIF under ICEIDA-QAFMP: Published July 2013.
3. Fish Inspectors Guide: A detailed guide on the procedural and administrative organization of official controls for fish and fish products in Uganda. Produced by Food Safety Associates Ltd for DFR-MAAIF under ICEIDA-QAFMP. Published July 2013.
4. Code of Good Practice for Safety and Quality Assurance in Artisanal Fisheries Subsector . produced by Food Safety Associates Ltd for DFR-MAAIF under ICEIDA-QAFMP and published July 2013.
5. Revised Manual of Standard Operating Procedures for Inspection of Aquaculture Establishments and Production practices. Produced by Food Safety Associates Ltd for DFR-MAAIF under ICEIDA-QAFMP in January 2011.
6. Revised Manual of Standard Operating Procedures for Fish Inspection and Quality Assurance. Produced by Food Safety Associates Ltd for DFR-MAAIF under ICEIDA-QAFM in January 2011.
7. Revised Fish (Aquaculture) Rules Produced by Food Safety Associates Ltd for DFR-MAAIF under ICEIDA-QAFMP in Feb 2011.
8. Revised Fish and Aquaculture Products Rules. Produced by Food Safety Associates Ltd for DFR-MAAIF under ICEIDA-QAFMP in February 2011.
9. Final Report; Sstablishing a Functional Food Safety Control System in the Ministry of Agriculture Animal Industry and Fisheries (MAAIF). Produced by Ananias Bagumire for MAAIF under the World Bank Funded East Africa Agricultural Productivity Project (EAAPP), September. 2013
10. Technical Paper and Modalities for Harmonizing Uganda's Position and Effective Participation in SPS Related International Trade Negotiations. Produced by TRANRSEC LTD for Ministry of Trade, Industry and Cooperatives (MTIC) under the SIDA/TMEA funded Quality Infrastructure and Standards Programme (QUISP), September 2012.
11. Technical Paper on Modalities for Harmonizing Uganda's Position and Effective Participation in Food Safety Related International Trade Negotiations. Produced by Tropical Agriculture, and Natural Resources Services Centre Limited (TRANRSEC LTD) for MTIC under QUISP, September 2012
12. Strategic Paper for Reforming and Strengthening the Uganda National Quality Infrastructure Development by Ananias Bagumire as part of NIRAS/ BSI/Food Safety Associates Ltd (FSA) Consortium for MTIC and UNBS under QUISP May 2013.
13. Restructuring of National Quality Infrastructure and Improving Coordination Mechanism for Stakeholders required to inculcate a quality culture in Uganda, a position paper produced by Ananias Bagumire as part of NIRAS/ BSI/ FSA for MTIC under QUISP, June 2012.
14. Final Report on the Capacity and Equipment Inventory of Testing and Calibration Laboratories in Uganda. Produced by TRANRSEC LTD for MTIC under QUISP programme.
15. A Hand Book of Frequently Asked Questions on SPS. Developed by Ananias Bagumire as part of the Agriconsulting Europe/Ecorys Nederlands Consortium for MTIC under the EU funded Economic Partnerships Agreement Related Trade and Private Sector Support (EPA TAPSS) Programme in November, 2012.

16. Final Report on The Functional Analysis of the Key SPS Mandated Government Institutions in Uganda. Produced by Ananias Bagumire and Nichodemus Rudaheramwa as part of the Agriconsulting Europe/Ecorys Nederlands Consortium for MTIC under EU EPA TAPSS in July 2013.
17. A Generic Food Safety Inspection Guide for Uganda: Basic compliance checks for GMP, GAPS, SSOPS and HACCP. Produced by Ananias Bagumire as part of the Agriconsulting/Ecorys Nederlands Consortium for MTIC under EU EPA TAPSS in February 2013.
18. A Generic Code of Good Food Safety Practice for: Production Primary Processing, Handling, Storage, Transportation and Marketing of Cereal Grains in Uganda - An operator's guide. Produced by Ananias Bagumire as part of Agriconsulting Europe/Ecorys Nederlands Consortium for MTIC under EU EPA TAPSS in February 2013.
19. A Code of Good Food Safety Practice for: Production, Primary Processing, Handling, Storage, Transportation and Marketing of Fresh Produce (fruits and vegetables) in Uganda - An operator's guide. Produced by Ananias Bagumire as part of the Agriconsulting Europe/Ecorys Nederlands Consortium for MTIC under the EU EPA TAPSS, in February 2013.
20. Technical Position Paper on Establishment of a National SPS Coordination Committee in Uganda. Produced by Ananias Bagumire as part of Agriconsulting Europe /Ecorys Nederlands for MTIC under EU EPA TAPSS in November 2012.
21. Final Report/Paper on the Requirements for Reactivation of WTO/ SPS Notifications System in Uganda. Produced by Ananias Bagumire and Nichodemus Rudaheramwa as part of Agriconsulting Europe/Ecorys Nederlands Consortium under EU EPA TAPSS in July 2013.
22. Draft final report of TMEA Standards Baseline Survey on the Impact of Standards Harmonisation on Cross-border trade in the East African Community. Report produced by SAANA Consulting Ltd, UK; for the Trade Mark East Africa, where Dr. Ananias Bagumire was part of the Team of the two international experts that undertook the survey in October 2014.
23. Draft report for the Inventory of Perflorooctane Sulforic Acids (PFOS), its salts and Perflorooctane Sulfonyl Florise (PFOS-F) in Uganda – Undertaken on behalf the National Environment Management Athourighty (NEMA) under the UNIDO/UNEP funded project on the Review of National Implementation Plan (NIP) developed under the Stockholm Convention on Persistent Organic Pollutants (POPs) in April 2015.
24. Strengthening Legal Framework for Ttechnical Regulations in Uganda. Technical position paper with recommendations and suggesstions developed by Food Safety Associates Ltd's Technical AssisstanceTeam for the Quality Infrastructure and Standards Programme (QUISP) in the Ministry of Trade,Industry and Cooperatives (MTIC) in January 2015.
25. Strengthening the Legal and Institutional Framework for Standards in Uganda. Adraft technical position paper with recommendations and suggesstions developed by Food Safety Associates Ltd's Technical Assisstance Team to QUISP /MTIC in November 2014.
26. Gap Analysis report on Implementation of Meat Hygiene Standards in Abattoirs in Kampala city. Report developed by Food Safety Associates Ltd on behalf of Ministry of Trade Industry and Cooperation (MTIC) under the Quality Infrastructure and Standards Programme (QUISP) in November 2014
27. Training Manual for Hygiene Standards Implementation in abattiors. Prepared by the Food Safety Associates Ltd for MTIC/QUISP in January 2015
28. Draft National Sanitary and Phyto-Sanitary Policy. Developed by the Food Safety Associates Ltd for MTIC/QUISP and Stakeholders in January 2015
29. Draft National Sanitary and Phyto-Sanitary Policy Implimentation Plan. Developed by Food Safety Associates Ltd for MTIC/QUISP and Stakeholders in January 2015
30. Draft National Fisheries Policy. Developed by Food Safety Associates Ltd for MAAIF-Directorate of Fisheries Resources (DiFR) and Stakeholders in April 2015.

31. Uganda: EU Food Safety Alert on Fruits and Vegetable Exports. Final Report of the UNIDO Rapid Response Mission by international team of experts which was put forward following several interceptions of fruits and vegetable exports at the EU borders. The report was Submitted to UNIDO, May 2015.

b. Books on Food Safety Written or published by Dr. Bagumire

32. Food Hygiene for Food Business Operations; An elaborate Guide for Operators of hotels and restaurants, kitchens, milk centers, meat centers, food processing establishments, feed processing establishments, and farms. Authored by Ananias Bagumire, Food Safety Associates Guide Book Series 1. *In press* April 2014.
33. Personal/ Personnel Hygiene for Food Business Operations; An elaborate Guide for Operators of on hotels and restaurants, kitchens, milk handling centers, meat handling centers, food processing establishments (factories of all types), and street food vending. Authored by Ananias Bagumire, Food Safety Associates Guide Book Series 2. *In Press* April 2014
34. Cleaning of Premises, Food Handling Areas and Environments for Food Business operations; An elaborate Guide for Operators of kitchens, restaurants, food stores, food market stalls, food processing establishments (factories of all types), milk handling centers, meat handling centres, and food transportation vehicles. Authored by Ananias Bagumire, Food Safety Associates Guide Book Series 3. *In Press* April 2014
35. Implementation of HACCP in Food Business Operations; An elaborate Guide for Operators of hotels and restaurants, food processing establishments (all types of factories), milk and dairy handling plants, farms, kitchens and meat centers. Authored by Ananias Bagumire, Food Safety Associates Guide Books Series 4. *In press* April 2014
36. Management of Food Safety in Food Business Operations; An elaborate Guide for Operators in the value chains for fish and fishery products, meat and meat products, poultry, honey, spices, cereal and cereal products, oils seed and oil seed products, coffee, tea, cocoa, milk and dairy products. Authored by Ananias Bagumire, Food Safety Associates Guide Books series 5. *In press* April 2014.
37. Bagumire A. 2010. Food Safety Legislations in International Trade: The obstacles for the export of Uganda's aquaculture products to international prime markets. Published by LAP Publishers in Germany 16th September 2010; ISBN – 10 3838388127
38. Bagumire, A., Birungi, M., Bamwirire, D., Ssali W., Dillon M., Hannah S., 2000. *Cleaning Guide for Fresh food Factories. A handbook for guiding food establishment workers and Sanitation managers. Published by NARO* June 2000.

c. Papers presented by Dr. Bagumire in regional and international fora

Bagumire A. Organising supply chain for Agro-products to target wider regional and international markets. A discussion paper presented at the InWent funded Trade Africa Network (TAN) workshop on Regional Agro-products' Trade; 11th November 2010 at Golden Rose Hotel, Arusha Tanzania

Bagumire A. Regional Agro-and Food markets and Market Compliance. A discussion paper presented at the InWent funded Trade Africa Network (TAN) workshop on Regional Agro-products' Trade; 11th November 2010 at Golden Rose Hotel, Arusha Tanzania

Bagumire A. East African Community Common Market – Growing Opportunities and Challenges. Paper presented at GIZ/Trade Africa Network workshop 24th May 2011 in commemoration of Africa Day (OAU-AU), Dar es Salaam, Tanzania

Bagumire A, Ssali M.W. Birungi M, Bamwiriire D, Dillom, Hannah S. Costing and Predicting Food Controls in Post harvest chain. A Pre- and In-Industry approach to ensure food quality. Presented at FAO/DANIDA HACCP Economics and Implementation workshop in Hitshals Denmark August 1998

Dillon M., Hannah S, Bagumire, A., Birungi, M., Bamwirire, D., Ssali W, 1998. Auditing food control systems. Presented at East West fisheries conference in Copenhagen September 1998

Bagumire, A; Ssali M.W; Birungi M, Dillon M, Hannah S., 2000. Tools for monitoring cleaning in fresh food

factories. Presented at the FAO/DFID regional workshop on Fish Loss and Control, Accra Ghana, 20-22 September 2000. FAO Regional Office, Accra

d. **Academic publications by Dr. Bagumire**

Bagumire A. 2008. Food Safety Legislations in International Trade: The obstacles for the export of Uganda's aquaculture products to International Markets. A thesis submitted to the National Food Safety and Toxicology Centre at Michigan State University (USA) and Makerere University Department of Food Science and Technology in fulfilment of requirements for Award of Degree of Doctor of Philosophy, Kampala November, 2008.

Bagumire A, Todd ECD, and Nasinyama GW. Muyanja C (2010). Food Safety regulatory requirements with potential effect on the exports of aquaculture products from developing countries to the EU and US: *African Journal of Food Science and Technology*: July 2010

Bagumire A, Todd ECD, and Nasinyama GW. Muyanja C (2010). Food Safety-related measures in the emerging aquaculture enterprises in Sub-Saharan Africa: Compliance of Uganda's operations against international market guidelines. *African Journal of Food Science*, June 2010

Bagumire A, Todd ECD, and Nasinyama GW. Muyanja C. 2009. National food control systems in Sub-Saharan Africa: Is Uganda's control system complying with the international requirements. *Food Policy*, 2009, vol. 34, issue 5, pages 458-467

Bagumire A., Rumbelha W, Todd E CD, Nasinyama GW, Muyanja (2008): Environmental chemical food contaminants of emerging aquaculture industry in Uganda as case study for Sub-Saharan Africa. *Food Additives and Contaminants*, 1 (2) 153-60

Bagumire A., Rumbelha W, Todd E CD, Nasinyama GW, Muyanja, Bourquin L., Craig Harris .2009. Potential Sources of food hazards in emerging aquaculture industry in Sub-Saharan Africa: case study of Uganda. *International Journal of Food Science and Technology* ;Volume 44, Number 9, September 2009 , pp. 1677-1687(11)

Bagumire A. 1998. Chemical and Sensory Assessment of Nile perch quality along the Handling and processing chain. A dissertation presented to Makerere University, Kampala Uganda as a partial fulfilment for award of Master of Science degree, November 1998.