



# Annual Report 2015

Science, Technology and Innovation for  
African Development





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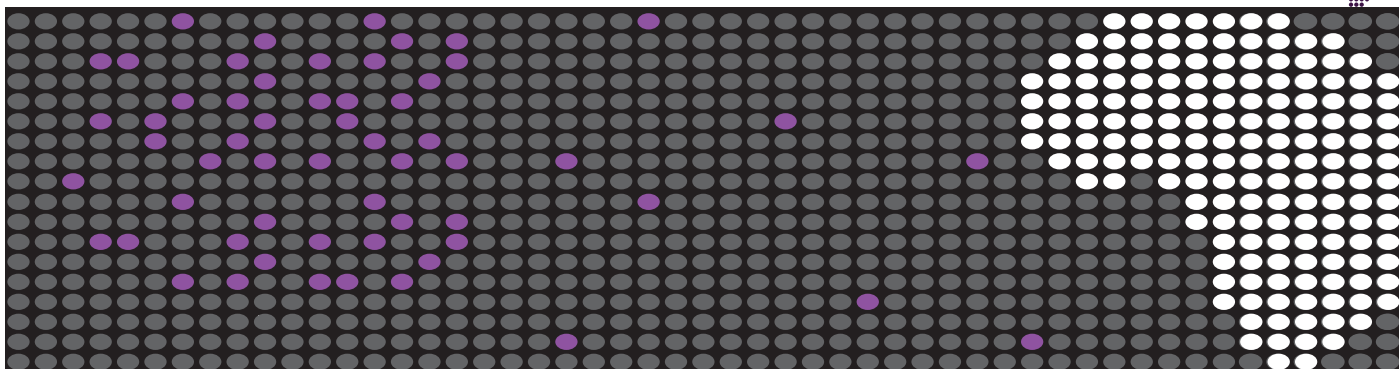
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The African Technology Policy Studies Network (ATPS) is a trans-disciplinary network of researchers, private sector actors and policy makers that promote the generation, dissemination, use and mastery of Science, Technology and Innovation (STI) for African development, environmental sustainability and global inclusion. ATPS intends to achieve its mandate through research, capacity building and training, science and communication/dissemination and sensitization, participatory multi-stakeholder dialogue, knowledge brokerage, and policy advocacy.





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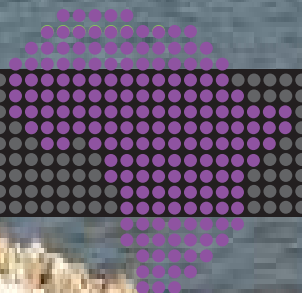
# List of Acronyms

AUC	African Union Commission
AFCCP	Award Fee & Corporate Commitment Plan
ARFSD	Africa Regional Forum on Sustainable Development
ATPS	African Technology Policy Studies Network
AWFST	The African Women's forum on Science and Technology
AYFST	African Youth Forum on Science and Technology
BMGF	Bill and Melinda Gates Foundation
CISTRAT	International Research and Training Centre for Science and Technology Strategy
CTA	Technical Centre for Agriculture and Rural Cooperation
DELTAS	Developing Excellence in Leadership, Training, and Sciences in Africa
FARA	Forum for Agriculture Research in Africa
GALVmed	Global Alliance for Livestock Veterinary Medicines
GCA	Grand Challenges Africa
GFIA	Global Forum for Innovations in Agriculture
HLPF	High-level Political Forum
IBT	International Business Times
IDRC	International Development Research Centre
ICRAF	International Center for Research in Agroforestry
IGCP	Intra- Africa and Global Collaboration and Partnership
M&E	Monitoring and Evaluation
ROAF	Regional Office for Africa
RCMRD	Regional Center for Mapping Resource for Development
SDGs	Sustainable Development and Sustainable Development Goals
STI	Science, Technology and Innovation
STISA	Science, Technology and Innovation Strategy
STIGAP	Science, Technology and Innovation Global Assessment Programme
STRC	Scientific, Technical and Research Commission
SVN	Southern Voices Network
TUK	Technical University of Kenya
T&S	Training and Sensitization
UNECA	United Nations Economic Commission for Africa
UNESCO	United Nations Educational, Scientific and Cultural Organization
VGI	Volunteer Geographic Information
WWICS	Woodrow Wilson International Center for Scholars
YGEP	Youth and Gender Empowerment
YPP	Young Professionals Programme



# The Chairman's Message

Science, Technology and Innovation for  
African Development







# Chairman's Message



**Prof. Shaukat Abdulrazak Ali**  
**Board Chair**

**T**here is no doubt that 2015 was a turbulent year. On behalf of the board of directors, it is my privilege to present the Annual Report for the year 2015. This report presents a summary update of the STI capacity building activities and the financial position of the African Technology Policy Studies Network (ATPS) Secretariat for the period 01 January 2015 to 31 December 2015. The report is organized under the strategic objectives outlined in the ATPS Annual Work Plan for the period 01 January- 31 December 2015.

The ATPS witnessed a change in leadership; Dr. Nicholas Ozor is the new Executive Director. He has worked for more than a decade in ATPS and the Board undisputedly recognized his passion in enhancing continuous growth at the ATPS and acknowledged his strong background in research, fundraising, capacity building, training and leadership. Dr. Ozor worked as a Post-Doctoral Researcher at the ATPS for one year before he was promoted to the position of a Senior Research Officer, a position he held for four years. Prior to his appointment at the ATPS, he was formerly a Senior Lecturer in the Department of Agricultural Extension, University of Nigeria, Nsukka. He has also worked as an Agricultural Extension Agent for many years in Nigeria. We also welcomed the newly appointed members to join the ATPS family; I am happy to present to you Mr. Chuma Ikenze, Dr. Peggy Oti-Boateng, Dr. El Tayeb Mustafa and Prof. Banji Oyeleran-Oyeyinka as ATPS board members. Their appointment was through a vigorous process that involved key ATPS stakeholders who chose them as the best based on their long-standing experiences and contributions to the development of science, technology and innovation particularly in Africa.

The ATPS also emerged as the Best Think Tank Network with the most significant impact on public policy in Africa (31st globally); best managed Think Tank in Africa (19th globally); and best Think Tank in Africa and 14th globally. The survey was conducted by The University of Pennsylvania USA, under the

Think Tank and Civil Societies Program. The 2014 Global To Go think tank index was released after analyzing a total of 6,846 Think Tanks across the world and 615 in sub-saharan Africa. Global Go To Think Tank Index is an annual ranking that identifies the most significant global trends of think tanks worldwide.

The ATPS board is pleased to note the remarkable progress in implementing the ATPS Phase VII Strategic Plan (2013-2018). Our core mandate areas in this Strategic Plan are STI Research and Research Capacity Building (STI-RCB), Intra-Africa and Global Collaborations and Partnerships (IGCP), Youth and Gender Empowerment (YGEP), Training and Sensitization (T&S), STI Knowledge Brokerage, Commercialization and Policymaking processes and systems to strengthen capabilities, social responses and governance of STI-led sustainable development in Africa. Through the implementation of these activities we can be assured to improve the understanding and functioning of STI policy research and policy making processes and systems to strengthen capabilities, social responses and governance of STI-led sustainable development in Africa.

We still continue to champion for STI agendas nationally, regionally and globally. We have partnered with major institutions whom we share with a common goal, early in the year we entered into a collaboration with the United Nations Educational Scientific and Cultural Organization (UNESCO), Kenya's National Commission for Science, Technology and Innovation (NACOSTI) and ATPS co-authored a policy brief on Mainstreaming Gender in the National Science Technology and Innovation Policy of Kenya. The Global Go Think Tanks and Civil Society Index rated this policy brief as the second best policy report used in influencing policy in Africa in 2014. The brief has since been disseminated to all relevant ministries in Kenya with the aim of influencing the mainstreaming of gender into the national STI policy of Kenya.

We have managed to sign various memoranda of understanding and a number of partnerships are still underway with like-minded institutions. Some of these institutions include: University of Nigeria (UNN), Pan African Climate Justice Alliance (PACJA), Global Alliance for Livestock Veterinary Medicines (GALVmed), Food, Agriculture and Natural Resources Policy Analysis Network and the Technical University of Kenya (TUK). We hope that these partnerships will go a long way as we strive to achieve our mission and vision statement.

I wish to thank my fellow Board members and the Secretariat staff for their hard work, which has enabled this progress to be made during the year. I reaffirm ATPS commitment to continue championing for the important role of STI in the region. We look forward to your continued support in 2016. I wish you all a prosperous 2015.

**Professor Shaukat Ali Abdulrazak**  
**PhD, FKIM, FAAS, FASI, FTWAS, MBS**  
**Chair, ATPS Board/Vice-Chancellor, Umma University**



Science, Technology and Innovation for  
African Development

# Executive Director's Message



# Executive Director's Message



**Dr. Nicholas Ozor**  
**Executive Director**

**T**he time is now for African countries to invest in science and technology to generate knowledge so as to equip themselves with adequate skills and training they need to compete and prosper in a global knowledge-based economy for better results socially and economically. Research and Development (R&D) also plays a critical role in the innovation process, it fosters sustainable development by building greener and more inclusive societies. Our aim is to build Africa's capabilities in science, technology and innovation policy research, policymaking and policy implementation for sustainable development in Africa. Our innovative skills and ability have been groundbreaking leveraging exciting global partnerships with like-minded institutions. We continue to advance in research excellence; our dedicated staff have done an incredible job at expanding our outreach while strengthening science, technology and innovation (STI), programs and services.

In 2013, ATPS launched its Phase VII Strategic Plan (2013-2018). The plan aims at improving the understanding and functioning of STI policy research, policymaking processes and systems to strengthen capabilities, social responses and governance of STI-led sustainable development in Africa. All ATPS thematic programs focus on facilitating innovation, capacity development at individual, institutional, country and regional levels. We have witnessed tremendous progress in the implementation of Phase VII Plan since its inception despite the challenge of inadequate funding which is core and pragmatic.

The year started on a good note. ATPS emerged top as the Best Think Tank in Africa and 19th globally in the 2014 Global Go Think Tanks and Civil Society Index released in January 2015. Overall, ATPS once again emerged among the top 100 Top Think Tanks and Civil Society Programs globally ranking 96th globally amongst Top Think Tanks worldwide (US and Non US) and 7th in Africa. In addition, ATPS in collaboration with UNESCO and NACOSTI co-authored a policy brief on Mainstreaming Gender in the National Science, Technology and Innovation Policy of Kenya. The policy brief was rated tops in Africa, 2nd in Sub Saharan Africa and 45th global. This year also witnessed a change in leadership. The board appointed me as the new Executive Director to steer leadership of the ATPS. I am humbled and I will remain committed to serve and enable ATPS achieve its overall objective of developing Africa's STI capacity today for sustainable African development tomorrow. I also take this opportunity to congratulate the newly appointed board members to the ATPS fraternity. Let us unite and steer ATPS forward to greatness. Unity is strength, when there is teamwork and collaboration, wonderful things can be achieved.

Plans are still underway to outsource the services of a local or internationally acclaimed auditing firm to audit and update ATPS accounts and records to ensure that all funds received from partners and donors have been expended judiciously. This is in line with the administration's commitment to financial accountability and responsibility; this also helps us to reassure donors, stakeholders and various partners of our commitment to resolve and ensure effective use of all finances granted to the ATPS for the implementation of ATPS activities. We look forward to continuing working together to create an exciting and enriching research enterprise that draws effective results towards our esteemed target audience beyond 2015. Our focus remains to continuously improve our organization, to measure the results of our efforts with our set targets and improve on where we have flaws. It is with no doubt that with your continued support, ATPS will accomplish its mandate.

Together, we are putting ATPS in a position to thrive as a leader and change-maker in the sector during the next three to five years and beyond. We thank our Board of Directors for their leadership, our management team for their energy and creativity, and our staff, volunteers and students for their dedication. I would like to extend my gratitude to all those who supported us throughout the year especially in working towards our Phase VII Strategic Plan through development grants, linkages, partnerships and other collaborative activities.

**Dr. Nicholas Ozor**  
**Executive Director, ATPS**





# About ATPS



Science, Technology and Innovation for  
African Development





## About ATPS



*ATPS National Chapter Coordinators.*

**T**he African Technology Policy Studies Network (ATPS) is a trans-disciplinary network of researchers, policy-makers, private sector actors, and civil society actors that promote the generation, dissemination, use and mastery of Science, Technology and Innovation (STI) for African development, environmental sustainability and global inclusion. Established in 1994, the ATPS has continued to build capacities in science, technology and innovation for sustainable development in Africa. It has grown from a network of few members in seven African countries to an international organization. As an international organization, with its headquarters established in Nairobi, Kenya ATPS enjoys the privileges and diplomatic immunities accorded to similar international organizations in Kenya. The ATPS implements its programs through members established in 30 countries (27 in Africa and 3 Diaspora Chapters in Australia, United States of America and United Kingdom) with an expansion plan to cover the entire Africa (**Figure 1**). The diaspora Chapters are established to provide platforms for Africans in the diaspora and friends of Africa in these countries to proactively participate in STI policy research and policy making for Africa's development.

ATPS achieves its mandate through research, capacity building and training, science communication/dissemination and

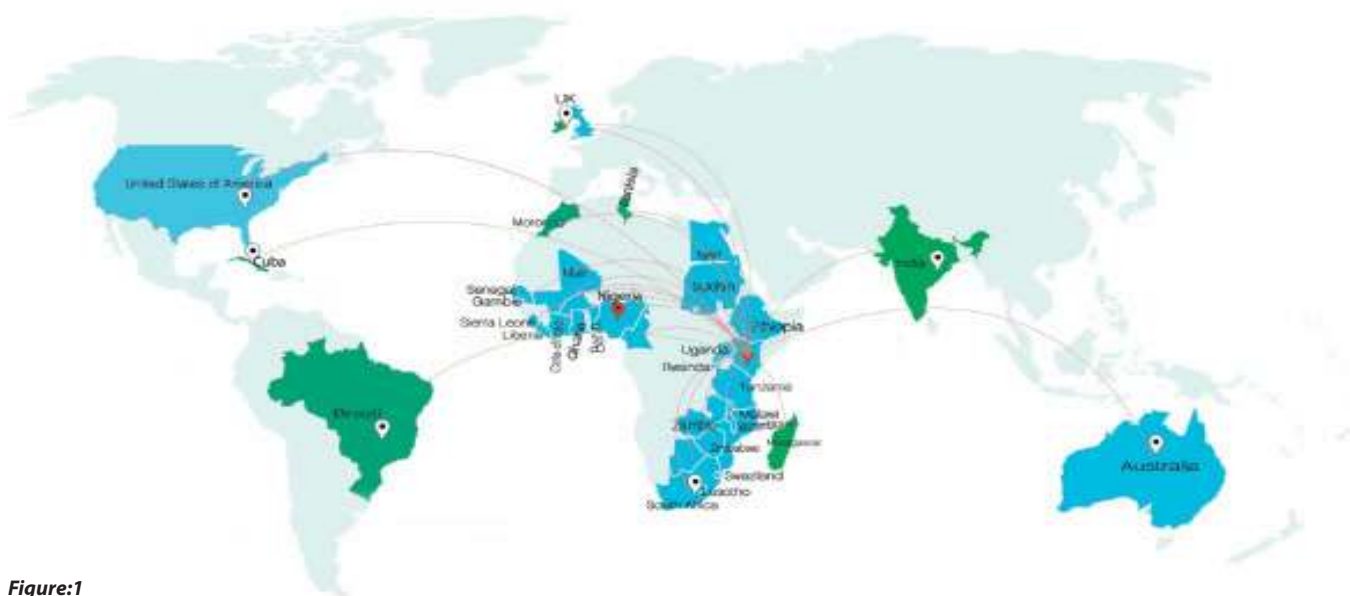
sensitization, participatory multi-stakeholder dialogue, knowledge brokerage, and policy advocacy. In collaboration with like-minded institutions, ATPS provides a platform for collaborative regional and international research and knowledge sharing for the identification and incubation, development, use and mastery of STI for sustainable development in Africa.

### **ATPS Unique Niche**

ATPS is not only unique as a premier institution focusing on building Africa's capabilities in science, technology and innovation policy research, policymaking and policy implementation for sustainable development but also in its composition of members, institutional structures, and implementation activities.

As the premier STI network in Africa, it has successfully mainstreamed STI in African development policy dialogues and assisted many African governments to formulate STI policies, established ministries of STI, and related Agencies such as National Commissions and Councils for STI. It has produced amongst its membership Prime Ministers, Vice presidents, Ministers, Director Generals, Vice-chancellors, and Chief Executive Officers of STI related institutions/industries and private enterprises in





**Figure:1**

Africa and beyond. Key beneficiaries of its services include United Nations Organizations and related programs/commissions for Africa, Africa Union Commission (AUC), the African Development Bank (AfDB), New partnership for African Development (NEPAD), African Regional Economic Communities (RECs), National governments, Universities and Colleges of education and practitioners at the grassroots including youths and women.

## The Quadruple Helix



Unlike many policy institutions, the ATPS membership is composed of all key actors in an innovation system: policymakers, science experts, private sector actors and the civil society. This unique composition provides great opportunities for collaboration and cooperation amongst the quadruple helix in

research and policy prioritization, design, implementation, monitoring and evaluation. This ensures that ATPS policy research outputs are co-produced in dynamic and reflective participation with all the key actors in the innovation system-bridging the gaps between policy research, policymaking and policy practice. This enhances the ability of the ATPS to readily access, and/or convene policymakers, private sector actors, science experts, and the civil society for effective valorization of policy research results and vice versa.

The institutional structure of the ATPS also enhances cost effective identification, prioritization and implementation of policy research activities at the Regional and National levels through its network of members in the National Chapters and the Regional Secretariat, respectively. The proactive engagement of members in the National Chapters in the identification and implementation of activities also ensures full embedding of the STI activities in local conditions and reduces administrative costs significantly.

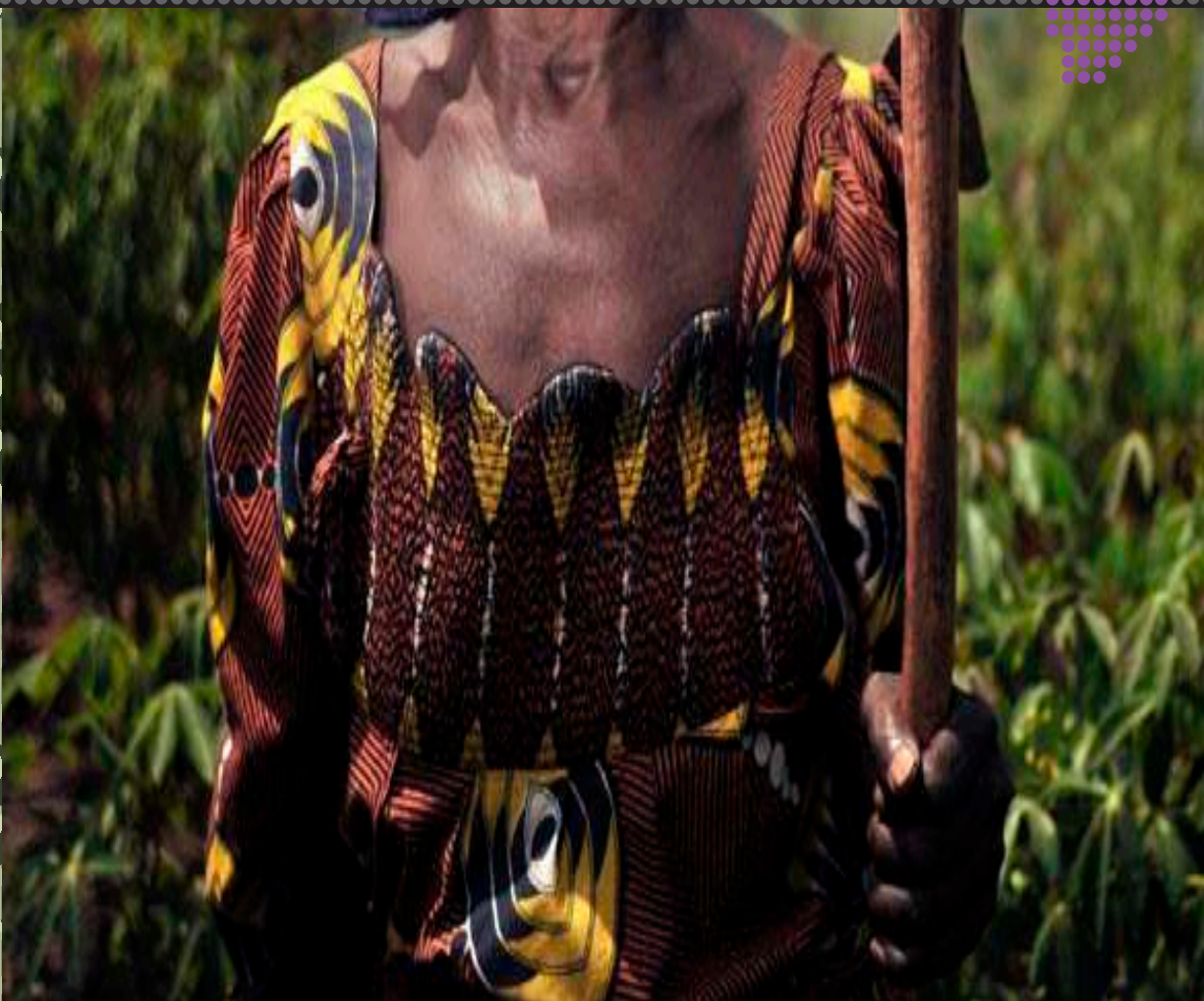
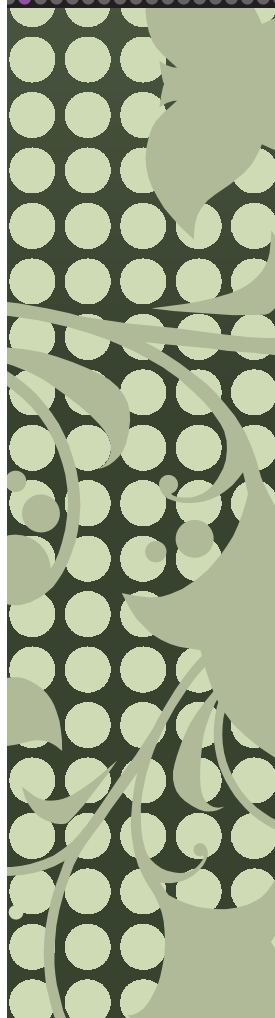
Today, the ATPS has over 1,300 members and 2500 stakeholders in over 51 countries in 5 continents with institutional partnerships worldwide .

According to the 2014 Global To Go Think Tank ratings by the University of Pennsylvania (USA); ATPS emerged as the Best Think Tank Network, Best Managed Think Tank and Best Think Tank with the most significant impact on Public Policy in Africa. ATPS Policy Paper titled, "Mainstreaming Gender in the National Science, Technology and Innovation (STI) Policy of Kenya" was ranked 45th globally and 2nd in Sub-Saharan Africa to be produced by a Think Tank (2013-2014). The policy brief is available online at <http://www.atpsnet.org/Files/pb44.pdf>





## Science, Technology and Innovation for African Development





# Towards the Implementation of ATPS Phase VII Strategic Plan (2013-2018)



ATPS Executive Director Dr. Nicholas Ozor presents copies of policy briefs to NACOSTI Secretary/CEO Dr. Moses Rugutt at NACOSTI Offices, Nairobi. The policy brief titled, "Mainstreaming Gender in National Science, Technology and Innovation (STI) policy of Kenya was ranked 45th globally and 2nd in Sub-Saharan Africa.

**T**his report presents a summary of the ATPS's efforts in building capabilities in STI policy research, policymaking and policy implementation for sustainable development in Africa for the period 01 January 2015 to 31 December 2015. The report is organized under the thematic strategic priorities/objectives outlined in the ATPS Phase VII Strategic Plan .

## ATPS STRATEGIC PRIORITY FOCUS AREAS AND OBJECTIVES OUTLINED IN THE PHASE VII STRATEGIC PLAN (2013-2018)

**Research, Research Capacity Building & Knowledge Generation (STI-RCB)**

**Intra-Africa and Global Collaboration & Partnership (IGCP)**

**Youth & Gender Empowerment (YGEP)**

**Training and Sensitization**

**STI Knowledge Brokerage, Commercialization & Policy Advocacy (KB-CPA)**

**Monitoring & Evaluation**





# Objective 1.0: Research, Research Capacity Building & Knowledge Generation



*Dr. Nicholas Ozor, ATPS Executive Director addresses delegates during the launch of the LandPKS Applications at the Regional Centre for Mapping of Resources for Development (RCMRD), Nairobi Kenya.*

All ATPS thematic research and research capacity building programs focus on facilitating innovation capacity development at individual, institutional, country and regional levels. STI-RCB is designed to address STI policy research questions derived from and embedded in African realities to inform the contextualization and socialization of STI in African societies for effective deployment and diffusion (up scaling) in Africa. Activities under this theme are available at: <http://atpsnet.org/programmes/RCB/index.php>. Notable achievements during this period include:-

## **1.1 Project on Development and Implementation of Systems for Sharing Sustainable Land Management Knowledge and Information (LandPKS)**

The LandPKS project aims to support long-term sustainable land productivity through the process of collecting, sharing, and integrating local and scientific knowledge about the potential productivity and resilience of specific types of land for local, regional, and global application. ATPS conducted a regional research to improve decision support systems, geographic information system products and promote agricultural innovation. Activities implemented under this project include:-

### *1.1.1 Nairobi Project Team Meeting / Visit.*

The ATPS hosted a team from the United States Department

on 19th and 27th January 2015. Meetings with other potential local partners under the LandPKS project were held and the team also met with the Kenya Agricultural and Livestock Research Organization (KALRO) representatives formerly known as Kenya Agricultural Research Institute (KARI).

### *1.1.2 Signing of New Amendment for Project Funding.*

ATPS and USDA signed a new amendment for the implementation of the LandPKS project on the 12th of January 2015. Under this new amendment, a new grant totaling US\$94,673.00 was released to the ATPS to implement its activities from January to June 2015.

### *1.1.3 Training Workshop and Field Demonstration of LandInfo and LandCover Mobile Apps, Lewa Wildlife Conservancy, Samburu Kenya.*

ATPS research officers Mr. Bobadoye Oluwafemi and Mr. Ernest Acheampong participated in the workshop which was held at Northern Rangelands Trust (NRT) inside Lewa Wildlife Conservancy from 14th – 17th April 2015. Mr. Acheampong made a presentation on “The role of ATPS in dissemination of LandPKS for Development of Agriculture in African countries.” The training workshop was in line with the effort to improve performance, accuracy and predictive capacity of the LandPKS mobile apps namely: LandInfo and LandCover, following the incorporation of various feedbacks and inputs from pilot users during the initial phase of the app development process.





#### **1.1.4 Launch of Land-Potential Knowledge System (LandPKS), Regional Centre for Mapping of Resources for Development (RCMRD).**

Dr. Nicholas Ozor and ATPS Communications and Outreach assistant Ms. Dorothy Njagi attended the formal launch of the LandPKS mobile applications hosted at the RCMRD and funded by the US Department of Agriculture- Agricultural Research Services (USDA-ARS) and USAID on 22nd April 2015. The two LandPKS's mobile applications i.e LandInfo and LandCover are now publicly available on Google Play Store; they are innovative mobile data collection and analysis tools supporting local land management and land use planning to optimize food security, land restoration, Climate Change Adaptation (CCA) and biodiversity conservation programs. More information on the event proceedings can be found at [http://www.atpsnet.org/media\\_centre/news/article.php?article=166](http://www.atpsnet.org/media_centre/news/article.php?article=166)

#### **1.1.5 First Land-Potential Knowledge System (LandPKS) Partners Workshop, Windhoek, Namibia.**

ATPS participated in the first LandPKS Partners workshop as one of LandPKS primary African institutional partners on 30th June – 2nd July 2015. The key objectives of the workshop were to define and begin to prioritize objectives for LandPKS Phase II (years 3-4) and develop a global partnership framework that can be sustained beyond the end of the USAID/USDA funded project. Dr. Nicholas Ozor also made field visits in Namibia after the workshop.

### **1.2 Consultancy on “Improving the Relevance of University Training to Labour Market Demands in Africa” Supported by the Association of African Universities**

ATPS successfully submitted an Expression of Interest (EOI) to the Association of African Universities (AAU) to carry out consultancy on improving the relevance of University training to labour market demands in Africa. The aim was to investigate the relevance of university training to labour market demands with the view of informing both the productive sector and African higher education institutions on the kind of curriculum and other reforms that would best prepare graduates for the labour market. More details are available at <http://www.atpsnet.org/projects/aauni-edu/index.php>

#### **1.2.1 Promoting Sustainable University-Stakeholder Linkages through South-South and North-South Partnerships workshop, 14th-16th October 2015, Lemigo Hotel, Kigali-Rwanda.**

Mr. Bobadoye ATPS researcher validated the survey findings in his presentation report on “The Relevance of University Training to Labour Market Demands”. External stakeholders shared information about their success stories of engagement with universities, and how to boost their collaboration with African academic and research institutions.

#### **1.2.2 Project on the “Review of Policies and Institutions for Biodiversity Information in Sub-Saharan Africa” funded by JRS Biodiversity Foundation.**

The project sought to analyze existing policies, legislation, and

institutions in sub-Saharan Africa that influence the access to and value of biodiversity information. Stakeholders were provided with valuable knowledge about the policy and institutional landscape required for facilitating access to biodiversity information. It also sought to identify what is known about biodiversity information policies in sub-Saharan Africa (SSA) and how these policies influence nations’ achievement of stated conservation goals. More details on the grant awarded can be accessed at the Foundation’s website on: <http://jrspbiodiversity.org/jrspolicyresearchgrantsjan2015/>

### **1.3 Project on “Improving Agricultural Productivity and Resilience to Climate Change Using the Land Potential Knowledge System (LandPKS) Mobile Technology” supported by the Technical Centre for Agricultural and Rural Cooperation (CTA).**

The project implementation begun in March 2015 for a period of six months with the objective of documenting the impacts of applying LandPKS mobile technology in farm management decision-making to improve agricultural productivity and climate change resilience. The project approach entailed in-depth desk studies, focus group discussion, group interviews, key informant interviews, stakeholder’s workshops, electronic platforms, and participatory on-site demonstrations. For more details please visit <http://www.atpsnet.org/projects/landpks/index.php>

#### **1.3.1 Visit to ATPS Secretariat by the CTA Program Coordinator.**

Dr. Olu Ajayi, the CTA Programme Coordinator (ARD & Climate Change) in-charge of the project being implemented by ATPS made a courtesy call to the secretariat on 30th April 2015. He held discussions with Dr. Ozor on the planned actions for the implementation of the CTA funded project under the CTA’s program on “Proven practices, ICT tools and policies to help farmers address climate change”. The title of the ATPS funded project was “Documentation of the LandPKS Mobile Application for Improving Agricultural Productivity and Climate Change Resilience” which aims to document the capabilities of the LandInfo App to collect, analyze, and make accessible vital information on soils and climate characteristics that are essential for farmers in making sustainable land management decisions regarding the optimization of agricultural productivity as well as the soil resilience in the face of climate change. Other discussions centered on how to build a sustained partnership between ATPS and CTA.

#### **1.3.2 Workshop on Documentation of Proven Practices to Help Farmers Address the Challenges Posed by Climate Change in ACP, 5th – 7th August 2015, CTA Headquarters, Wageningen, The Netherlands.**

Dr. Nicholas Ozor, ATPS Executive Director attended the workshop for all case study leaders to promote solutions to the challenges of climate change in African, Caribbean and Pacific (ACP) countries. The workshop objectives were to review the draft manuscripts of each case study leader, discuss key disse-



Dr. Nicholas Ozor, ATPS Executive Director (**Left**) with LandPKS Data Coordinator Ms. Lilian Ndung'u (**Second from Left**) and the ATPS Staff during a meeting on LandPKS which the ATPS is outscaling in Africa. The meeting was held at the ATPS Secretariat Office.

mination outlets for the case studies, create synergies and identify plans to support the upscaling of the top most practices.

#### **1.4 Project on “Market Scoping Study Of Newcastle Disease In Village Poultry In Nigeria and Ghana” supported by the Global Alliance for Livestock Veterinary Medicines (GALVmed)**

ATPS conducted the above consultancy for three months. The overall purpose of the study was to understand the Newcastle Disease (ND) epidemiology, socio-economic impact on the livelihoods of small scale Village Poultry (VP) producers, especially women and to determine availability, registration status and large scale sustainable distribution mechanisms of ND vaccines including, thermostable (live) 12 vaccine, inactivated vaccine (e.g. Itanew) etc., in English speaking West African countries with special reference to Nigeria and Ghana. For more details please visit <http://www.atpsnet.org/projects/galvmed/index.php>

##### **1.4.1 Conference Call.**

Dr. Nicholas Ozor held a skype meeting on 20th August 2015 with the project team of experts from Ghana and Nigeria to discuss the harmonized work in progress report, questionnaire and to review updates of the project.

##### **1.4.2 Field visits in Nigeria.**

Dr. Nicholas Ozor made field trips to Nigeria on 22nd -29th August 2015 to collect data and meet with the field team of experts.

#### **1.5 Consultancy on “Training Fiber Crops Technical Staff on the LandInfo Technology”.**

ATPS entered into a contract with the Fiber Crops Directorate, one of the Directorates under Agriculture, Fisheries and Food Authority (AFFA) to undertake training of its technical staff on the underlying principles that inform LandInfo app by introducing them to knowledge on biophysical characteristics of soils, vegetation and the concept of land potential. ATPS was required to provide Android phones for and during the training. The overall purpose of this initiative was to build and upscale the use of LandInfo app for data and information generation, to inform decision-making on diverse land management practices. For more please visit <http://www.atpsnet.org/projects/affa/index.php>

##### **1.5.1 Training in Kisumu and Baringo County.**

The ATPS organized two capacity building workshops on 8th -11th September 2015, for field staff from the Fiber Crop Directorate of Kenya's Agriculture, Fisheries and Food Authority (AFFA) in Kisumu, Kisumu County and Kabarnet in Baringo County. The aim of the workshop was to build the capacity of extension agents and technical advisors through the provision of a new and innovative tool that will assist them in generating valuable soil and climatic information to support decision-making concerning land use and management practices such as farming, pasture and restoration. The training offered participants an opportunity to broaden their options with regards to decisions on interventions and management of agricultural lands.



## Objective 2.0: Intra-Africa & Global Collabora- tion and Partnership (IGCP)



*The African Union- Scientific, Technical & Research Commission (STRC) delegation visit to the ATPS.*

The ATPS promotes the development of new forms of intra-Africa and global partnership within and amongst stakeholders for achieving Sustainable Development Goals (SDGs) in Africa. For more information please visit: <http://atpsnet.org/programmes/ICP/index.php>

### 2.1 MoU's Signed

#### 2.1.1 ATPS Signs MoU with TUK

Acting within the powers conferred upon their institutions, ATPS and the Technical University of Kenya (TUK) entered into a collaborative agreement on February 13, 2015 at the University's offices. The Vice Chancellor Prof. Dr. - Ing. Francis W. O. Aduol signed and handed the Memorandum of Understanding (MOU) to the ATPS Executive Director in presence of Dr. Arun Datta a lecturer in the Department of Applied Sciences. The collaborative agreement will enhance relations especially in the mutual goal of Entrepreneurship Development Program through innovation capability building/strengthening and mentorship activities.

### 2.2 Workshops, Conferences and Meetings

#### 2.2.1 1st Kenya National ICT Innovation Forum KICC, Nairobi Kenya.

The ICT Authority of Kenya held the inaugural ICT Innovation forum bringing together novel technology-based ideas, solutions and practices on 2nd-3rd March 2015. The workshop discussed specific 'head-to-head' challenges facing Kenyan innovators and opportunities available in the market. Dr. Nicholas Ozor participated in the forum which was of national outlook graced by His Excellency the President of Kenya, Hon. Uhuru Kenyatta.

#### 2.2.2 Presentation at the Technical University of Kenya, 16th March 2015, Nairobi Kenya.

ATPS has had active participation especially after the 2 institutions entered into a collaborative agreement in February 13, 2015. Dr. Nicholas Ozor made a presentation on "The Role of Science, Technology and Innovation in National Development" to the University's lecturers, staff and students from all disciplines.

#### 2.2.3 Stakeholders Workshop for the Development of a Strategy for Establishment of the National Physical Science Research Laboratory, Nairobi Safari Club, Nairobi Kenya.

The National Commission for Science, Technology and Innovation (NACOSTI) established the National Physical Sciences Research Laboratory (NPSRL) for Engineering and New





Production Technologies as one of its flagship projects on 20th March 2015. ATPS was identified as one of the key stakeholder in promoting physical sciences. Dr. Ozor participated in knowledge-sharing and giving ideas that help in developing an inclusive strategy for the establishment of the state-of-the-art NPSRL.

#### *2.2.4 Launch of NACOSTI Strategic Plan 2014-2018 and Health Systems University Research Chair Programme, Laico Regency, 31st March 2015.*

As a key stakeholder, ATPS participated in the launch of the NACOSTI strategic Plan 2014-2018 and the Health Systems University Research Chair (URC) Programme. The URC programme is a collaboration between NACOSTI and Canada's International Development Research Centre (IDRC) to assist local universities to play a more active role in socio-economic development of the country, enhance research capacity in the universities and create more effective linkages between universities and productive sectors.

#### *2.2.5 2nd African Think Tank Summit, Addis Ababa, Ethiopia.*

ATPS participated in the second African Think Tank Summit hosted by the UN Economic Commission for Africa (UNECA) on 6th-8th April, 2015. The Summit took stock of the progress towards implementing recommendations of the first summit and assessed how the African Think Tanks can improve relationships with each other.

#### *2.2.6 Consortium 9 Final Review Meeting, International Livestock Research Institute ILRI, Nairobi, Kenya.*

ATPS participated as a partner in the Bio-resources Innovations Network for Eastern Africa Development (Bio-Innovate) Program on 27th-28th April 2015. The purpose of the meeting was to review achievements for the past four years and compile a closure report for the Consortium.

#### *2.2.7 An Expert Workshop on Africa's Energy Challenge and the Low Carbon Option: Exploring Options for Unlocking the Biomass Energy Sector and Scaling up Access to Electricity, World Agroforestry Centre (ICRAF) Gigiri, Nairobi Kenya.*

The purpose of the consultative workshop which was held on 28th- 29th April 2015, was to gather feedback on the recommendations made to African policy makers aimed at addressing specific energy service challenges in Africa. Dr. Nicholas Ozor participated in the interactive, breakout and brainstorming sessions on the first day of the event which was dubbed: "Scaling up Low Carbon Energy Access in Sub-Saharan Africa."

#### *2.2.8 National County Biotechnology Forum Retreat, Naivasha Kenya.*

NACOSTI held a retreat for members of the National County Biotechnology Forum (NCBF) on 5th -7th May 2015. ATPS participated in the retreat whose mandate was to develop a framework for commercialization of GM crop varieties as products of modern Biotechnology, identify policies and laws to inform Bt cotton framework.

#### *2.2.9 4th National Science, Technology and Innovation week, 11th -15th May 2015, Chancellor's Court, University of Nairobi.*

Dr. Nicholas Ozor was the panelist in the discussion "Gender mainstreaming in Science and Technology". The event which was themed: "The Role of Science, Technology and Innovation in the Post-2015 Development Agenda" comprised of keynote speeches for plenary sessions, case studies, roundtable discussions and exhibition of inventions and innovations.

#### *2.2.10 Annual Southern Voices Network Conference, Washington DC, USA.*

Dr. Nicholas Ozor presented a paper at the Woodrow Wilson International Center for Scholars on the Africa's voice titled: The role of Science, Technology and Innovation (STI) in National Development on 25th-29th May, 2015. The SVN brings together key policy and research institutes from the African continent to provide an avenue for African voices to inform the U.S. policy dialogue around peace-building and state-building in Africa.. A range of issues discussed among them peace building and development can be found at: <http://www.wilsoncenter.org/article/southern-voices-network-security-and-stability-through-africa-us-relations>. Dr. Ozor used the opportunity to pursue links and collaborations with key donors who attended the annual conference.

#### *2.2.11 Low Carbon Development in Africa Workshop, Crown Plaza, Nairobi Kenya.*

ATPS partnered with the African Centre for Technology Studies (ACTS) and STEPS Center- UK on 10th -14th June 2015 to officially launch the African Sustainability Hub. The workshop brought together stakeholders to co-produce African-led priorities that will enable the achievement of low-carbon energy development especially for the poor on the continent.

#### *2.2.12 The Africa Regional Forum on Sustainable Development (ARFSD), ECA Conference Centre, , Addis Ababa, Ethiopia.*

ATPS participated in the conference which was held on 16th – 18th June 2015 to deliberate on key issues of integration, implementation and review highlighted in the theme: The role of the High-level Political Forum (HLPF) after 2015. Dr. Nicholas Ozor expanded his networks and held meetings with one of the summit keynote speakers Dr. Hamid Temmar, former Minister in the Algerian Government and a Consultant to the ECA Executive Secretary for the Africa Research Collaboration Facility to support policy research, policymaking and policy implementation in Africa and in order to establish ATPS interest in quantifiable terms.

#### *2.2.13 Africa Geospatial Forum 2015, 18th-19th August 2015, Johannesburg, South Africa.*

Mr. Ernest Acheampong made a presentation titled, "Improving Agricultural Productivity and Resilience to Climate Change using the LandPKS Mobile Technology". The forum presented a unique opportunity for geospatial stakeholders to share, learn, deliberate, collaborate and move forward with emerging trends and opportunities of geospatial business.



#### *2.2.14 Launch of the Alliance for Accelerating Excellence in Science in Africa (AESAs), Villa Rosa Kempinski Hotel, Nairobi.*

The ATPS participated in the launch ceremony of AESA and two pan African programs supported by AESA and partners on 10th September 2015. The event marked the launch of two major initiatives in support of health research and the growth of science, technology and innovation programs in Africa namely; Developing Excellence in Leadership, Training, and Sciences in Africa (DELTAS), supported by the Wellcome Trust, DFID and partners; and Grand Challenges Africa (GCA), supported by Bill and Melinda Gates Foundation (BMGF) and partners.

#### *2.2.15 The African Climate Change Fellowship Programme (ACCFP) III Inception Meeting, 21st - 22nd September 2015, Kunduchi Beach Hotel, Dar es Salaam Tanzania.*

As a fellow of the African Climate Change Fellowship Programme (ACCFP), Dr. Nicholas Ozor participated in an Inception meeting that brought together 31 fellows who were awarded the 2015 ACCFP III Fellowships from across Africa and representatives from host and home institution, ACCFP Partners as well as ACCFP alumni. He was among the facilitators on the training on scientific writing. The meeting provided an opportunity for the fellows to present and finalize.

#### *2.2.16 3rd Annual Africa Food Security Conference and Agri-Exhibition, 22nd-23rd September 2015, Royal Orchid Azure Hotel, Nairobi Kenya.*

Mr. Ernest Acheampong represented ATPS as a speaker on the session "Achieving Long term Food Security through Improved Technology". The session explored latest technological innovative approaches and integrated watershed management tools and addressed the issues of Africa relevant technologies. He presented a paper titled: "The Role of Technology in Addressing Food Security in Africa". The outcome included recommendations to: adopt legal and legislative frameworks to protect the right to food; empower women/youth through technology, ensure access to land, credit and markets and educate farmers on Agripreneurship.

#### *2.2.17 African Forum for Agricultural Advisory Services (AFAAS) second Agricultural Extension week 2015, 12th – 16th October 2015, Addis Ababa, Ethiopia.*

ATPS Communications and Outreach Assistant Ms. Dorothy Njagi, participated in the event which was themed: "Reinvigorating Extension Services for Market-led Agriculture within the context of the Malabo Declaration." Dorothy made a presentation on the LandInfo Mobile App which allows users to predict the suitability of the soil for certain crops and pasture as well as the vulnerability of such soils to erosion menace.

#### *2.2.18 Regional Workshop and Conference on the use of Mobile Technology for Statistical Processes, Addis Ababa, Ethiopia.*

ATPS was selected to demonstrate the LandPKS Technology at the workshop on 13th – 16th October 2015. Mr. Ernest Acheampong, showcased the mobile App at the conference organ-

ized by the Africa Statistical Division of the United Nations Economic Commission for Africa (UNECA).

#### *2.2.19 Session for Partners During the First Specialized Technical Committee (STC) on Education, Science and Technology, 28th – 30th October 2015, Addis Ababa, Ethiopia.*

Dr. Nicholas Ozor engaged in high level deliberations on education, science, technology and innovation in Africa with partners and explored potential synergies and areas of future collaboration within the continental frameworks.

#### *2.2.20 Third Meeting of the First Session of Governing Board of International Research and Training Centre for Science and Technology Strategy (CISTRAT), 19th – 21st October 2015, Beijing, China.*

At the event themed: "International Forum on STI Strategy and Policy," Dr. Nicholas Ozor presented a paper on "Transitioning into a Knowledge-Based Economy through Science, Technology and Innovation Strategy (STISA) for Africa." He was also nominated as member of the Governing Board of CISTRAT on behalf of ATPS.

#### *2.2.21 Meeting between ATPS and the African Union's Scientific, Technical and Research Commission (STRC), 11th – 13th November 2015, ATPS Secretariat, Nairobi Kenya.*

ATPS hosted a delegation from the STRC on a three-day working mission. The goal of the working mission was to enable the STRC team to familiarize with the programmes and projects of the ATPS as a one of the key frontrunner in the promotion of STI agenda for African development. The meeting also purposed to harness synergies and comparative advantages between the two institutions for effective collaboration in the implementation of projects and programmes that would gear towards realization of the Science, Technology and Innovation Strategy for Africa (STISA 2024) agenda. Mr. Ernest Acheampong, ATPS research officer was nominated as the focal point person for follow up and exchanges.

#### *2.2.22 The Second AfricaLics International Conference, 17th-19th November 2015, University of Rwanda, Kigali Rwanda.*

During the Expert panel session, Dr. Nicholas Ozor chaired the session with other nominated STI experts as panelists on the topic, "Science, Technology and Innovation (STI) for Africa's Development". The conference, dubbed: "Unpacking systems of innovation for sustainable development in Africa" allowed stakeholders to deliberate on the challenges facing African countries and the opportunities to promote innovation and inclusive development. The main objective of the conference was to allow different communities of practice to deliberate on the challenges and opportunities facing Rwanda and Africa in general and how opportunities can be harnessed to promote innovation and inclusive development.



### *2.2.23 2015 Sustainable Development Transition Forum, Incheon, Republic of Korea.*

The ATPS from 17th-19th November 2015 participated in this forum organized by the United Nations Office for Sustainable Development which convened government officials, UN Agencies and experts from around the world to discuss guidance on mainstreaming the 2030 Agenda for Sustainable Development and Sustainable Development Goals (SDGs) into national and sub-national development plans. Outcomes included Raising Public Awareness on the SDGs and what is at stake, deepening Multi-stakeholder approach for planning and implementation; reviewing Plans and Tailoring SDGs to national contexts, creating horizontal and vertical policy coherence; and budgeting for the future.

### *2.2.24 10th International Turkish - African Congress, Dakar, Senegal.*

ATPS presented a paper at the congress with the main theme "Trade, Investment and Competition in Africa: New Opportunities" which brought together various ministries and secretaries from Turkey, the African Union, expert institutions, Africa's prominent regional economic organizations, financial institutions, African Chamber of Commerce and Industry, Investment Incentive Centers, Free Economic Zones, Business World Umbrella Organizations, Consulting Corporations, Investment Companies and Mission Representatives of African Countries in Ankara and in Dakar from 19th-21st November 2015.

### *2.2.25 Expert Group Meeting on Volunteer Geographic Information (VGI), Regional Center for Mapping of Resources for Development (RCMRD), Nairobi, Kenya.*

ATPS took part in the expert group meeting which aimed at developing a robust VGI mapping methodology for Africa. The outcome of the initiative facilitated the integration of community mapping into national mapping programmes across the continent from 21st-22nd November 2015.

### *2.2.26 Global Bioeconomy Summit, 24th – 26th November 2015, Berlin, Germany.*

ATPS participated in the Global Bioeconomy Summit themed "Towards Innovation, Green Growth and Sustainable Development", which focused on the post 2015 development goals and aimed at starting a multilateral agenda setting process. Dr. Nicholas Ozor sits on the International Advisory Committee of the German Bioeconomy Council as a member.

### *2.2.27 Global Forum for Innovations in Agriculture (GFIA) 2015, 30th November to 2nd December 2015, Durban Exhibition Centre, South Africa.*

ATPS Communications and Outreach officer Ms. Dorothy Njagi showcased the LandInfo Mobile Application. The forum presented a good platform for sustainable agricultural solutions bringing together the public and private sectors, and providing an unrivalled platform for showing the world that agriculture is a thriving, dynamic business sector and an attractive

investment opportunity.

### *2.2.28 The Second AfricaLics International Conference, 17th - 19th November 2015, University of Rwanda, Kigali Rwanda.*

Dr. Nicholas Ozor chaired the expert panel session on the topic: Science, Technology and Innovation (STI) for Africa's Development. The conference was themed: "Unpacking systems of innovation for sustainable development in Africa" and the main objectives of the conference were to allow different communities of practice to deliberate on the challenges and opportunities facing Rwanda and Africa and how opportunities can be harnessed to promote innovation and inclusive development.

## **2.3 Awards**

### *2.3.1 ATPS ranked in 2014 Global Go To Think Tanks Index Report.*

In a report released in January 22nd 2015, The ATPS again emerged the Best Think Tank Network; Best managed Think Tank; and Best Think Tank with the most Significant Impact on Public Policy in Africa. This was according to the rankings done for different categories in the 2014 Global Go To Think Tanks Index Report. The ATPS also came first in ranking amongst its peers in Africa in most of the criteria relevant to its mandate and strategic priorities including: Best institutional collaboration involving two or more Think Tanks (15th globally); Best Trans-disciplinary Research Program at a Think Tank (11th globally); and Think Tanks with the Best Use of the Internet (26th globally). This is a key achievement which strategically places the ATPS in the global map and provides a competitive advantage over other like-minded institutions in Africa. The full report and more details on the 2014 Global Go Think Tank Index can be accessed at [http://www.atpsnet.org/media\\_centre/news/article.php?article=164](http://www.atpsnet.org/media_centre/news/article.php?article=164)





## Objective 3.0: Youth and Gender Empowerment (YGEP)



The ATPS team Mr. Ayodotun Bobadaye (**Third from Right**) and Dr. Nicholas Ozor, ATPS Executive Director (**Fourth from Left**) during the Southern Voices Network annual Conference at the Woodrow Wilson Centre in Washington DC.

### 3.1 ATPS Youth Internships

The ATPS admits interns from universities across the continent and beyond under its Internship Program to build the capacity of masters and doctoral students. This year, two interns from the University of Nairobi and Moi University were hosted at the Secretariat for a period of three months to engage in research proposal development, writing journal articles, policy briefs and attend international conferences.

### 3.2 Collaborative Fellowship program

Mr. Ayodotun Bobadaye, ATPS research assistant was nominated to participate in the Southern Voices African Research Scholarship programme at the Wilson Center, Washington DC. He conducted an independent research titled "Gender, Science Technology and Innovation for sustainable development in Africa" for a period of three months between 1st May to 31st July 2015.



## Objective 4.0: Training and Sensitization



*Ms. Dorothy Ngagi (Fifth Left) ATPS Communications and Outreach Officer with other participants at the Web 2.0 and Social Media Training in Nairobi, Kenya.*

### 4.1 Staff Training

This activity is ongoing and ATPS members of staff continue to benefit from staff capacity building mandate. Line Managers identify the needs for staff to undergo training in their various capacities and these are discussed below:

#### *4.1.2 Global Soil Week, 17th – 24th April 2015, Berlin, Germany.*

Mr. Dennis Mugendi, ATPS intern participated in the Young Professionals Programme (YPP) a forum for individuals working with the complex subject of soil and land management as professionals or in scientific context. The programme was themed: “The Role of Soil in Redirecting Development Pathways Towards Greater Sustainability for Achievement of Post 2015 Development Agenda”.

#### *4.1.3 Web 2.0 Application and Social Media, 22nd – 26th June 2015, Pride Inn Hotel Nairobi Kenya.*

The ATPS Communications and Outreach officer Ms. Dorothy Njagi attended the workshop on the new online technologies known as Web 2.0 Learning opportunity, an open source in

ternet –based applications which enables people to collaborate to create, share and publish information. The CTA funded workshop covered advanced online searching, getting information served via alerts, collaborating remotely using wikis and Google Drive, using VoIP, online mapping and social networking. Dorothy got hands on experience on how to use innovative applications and assess how they could adopt these innovations within the context of ATPS’s work.

#### *4.1.4 2nd Africa Ecosystem Based Adaptation for Food Security Conference, 30-31 July 2015, UN Complex, Nairobi Kenya.*

ATPS Communications and Outreach Officer Ms. Dorothy Njagi participated in the 2 day event themed, ‘Re-imagining Africa’s Food Security Now and into the Future under a Changing Climate,’ the discussions were majorly centred on how the Ecosystem Based Adaptation (EBA) can be used to improve food security across the continent.





## Objective 5.0: STI Knowledge Brokerage, Commercialization and Policy Advocacy



*Dr. Nicholas Ozor ,ATPS Executive Director training field staff from the Agriculture, Fisheries and Food Authority (AFFA) on the use of the LandInfo mobile app in Kisumu, Kenya.*

The ATPS is engaged in brokering the commercialisation and sharing of scientific knowledge, technologies and innovations for sustainable development. More details can be accessed at: <http://atpsnet.org/programmes/OKBPA/index.php>

### 5.1 Publications

#### *5.1.1 Publication of the ATPS Maiden Newsletter.*

ATPS issued its first maiden newsletter after structural change in management. The newsletter highlighted on the new leadership at ATPS , STI in advancing higher education, towards the implementation of ATPS Phase VII Strategic Plan among many other issues which can be read at: [http://www.atpsnet.org/media\\_centre/news/article.php?article=167](http://www.atpsnet.org/media_centre/news/article.php?article=167)

#### *5.1.2 Publication of ATPS Brochure.*

ATPS published a new brochure which is very informative, occupies less space and portable. The previous brochure was large with lots of information which were not summarized, and also bulky to carry around.

### 5.2 Media Outreach

As part of the ATPS media outreach programme, technical staff of ATPS are encouraged to utilize available media platforms including publishing articles in the print media and participating in televised and radio broadcast talk shows to disseminate STI findings, share success stories, case studies and programme interventions to the public in order to promote STI and upscale best practices. Some of the media outreach activities for the period are briefly discussed below.

#### *5.2.1 Facebook in Africa.*

The ATPS research officer, Mr. Ernest Acheampong had a phone interview on 2nd July 2015 with Morgan Winsor, a Breaking News Reporter/ journalist at International Business Times (IBT) New York. Ernest shared his thoughts about Facebook opening up its first office in Africa and the emerging prospects in Africa. ATPS featured in the article which discussed on whether the social media company can thrive in the region where some consumers are concerned about the cost of data and internet signals being unreliable. The link to the article published can be found at: <http://www.ibtimes.com/facebook-africa-social-media-network-faces-challenges-reaching-rural-populations-1994667>





### 5.2.2 Africa Portal.

ATPS has been engaging in discussions with the African Portal to boost its capacity of disseminating knowledge on policy issues and to raise the profile of African research institutions. The organization was interested in ATPS solid international standing and unique outlook which made it a strong fit as a content partner for their online library collection. The African Portal is an online, open access knowledge resource that seeks to broaden the availability, accessibility and use of policy research on issues critical to the future of Africa. It is an initiative of the South African Institute of International Affairs (SAIIA) and the Centre for International Governance Innovation (CIGI)

in Canada. After a successful meeting on 31st August 2015 at the ATPS offices, an information session and cocktail event followed which was a good session for partners and a high level audience from other organizations in Nairobi to interact.

### 5.2.3 Interview on Ebru TV.

On 7th October 2015, ATPS Executive Director, Dr. Nicholas Ozor appeared on Ebru TV live evening show “Just the Facts” to discuss El Nino and the preparedness of residents. He discussed on the factors that cause the occurrence of El nino, whether there are methodologies used to predict and whether they practical among many others.

## Objective 6.0: Monitoring and Evaluation



ATPS Board Members; Dr. Nicholas Ozor (**Second Left**) ATPS Executive Director is an ex-officio member to the Board.

### 6.1 ATPS Audit – 1 January – 31 December 2013

Deloitte and Touché carried out the ATPS audit for the year ended 2013 in accordance with International standards of Auditing. The report gave a summary of updates of the STI capacity building activities, fundraising activities and financial position of the ATPS Secretariat for the financial year 01 January 2013 to 31 December 2013. Upon completion and approval of the draft report for the year ended 31 Dec 2013, ATPS will commence preparations for the 2014 financial year audit.

### 6.2 Appointment of New ATPS Board Members

ATPS approved the appointment of new Board of Directors who were chosen through a very rigorous processes involving key ATPS stakeholders effective from 28 September 2015. Their appointments were based on their long-standing expe-

riences and contributions to the development of Africa and science, technology and innovation in particular. They are mandated, among many other duties to support the ATPS in sourcing for core and project funds to enable it implement its activities in Africa. The new Board Members are:

1. Mr. Chuma Ikenze-Financial Management & Business Intelligence Solutions Expert (USA)
2. Mrs. Peggy OTI-Boateng-Senior Programme Specialist for Science and Technology and Coordinator for ANSTI (Ghana)
3. Prof. Banji Oyelaran-Oyeyinka-Director, Regional Office for Africa (ROAF) UN-Habitat (recently promoted as Africa's Director)
4. Dr. El Tayeb Mustafa-President of the Future University-Sudan

## Objective 7.0: Conclusion



*Dr. Nicholas Ozor ATPS Executive Director (Fourth from right) during the Global Bioeconomy Summit held in Berlin, Germany.*

### 7.1 Staffing

ATPS still encounters challenges in staffing; however it continues to receive applications from experts who wish to expand their knowledge and skills in STI.

### 7.2 Securing Core Funding

Securing funding for the implementation of ATPS activities to ensure its sustainability is still a menace. Efforts have been made to secure core funding through new partnerships, col-

laborative engagement and renewal of inactive partnerships. The ATPS in the interim has submitted several proposals to raise funds for the implementation of activities. Contacts are still being made by revisiting past donors who may be willing to partner with ATPS in implementing various projects. Engagement of the Board in fundraising activities will be crucial to sustaining ATPS ability to meet its obligations to stakeholders.





## Science, Technology and Innovation for African Development

1. **APPENDIX 1: ATPS Financial Statements**
2. **APPENDIX 2: Grants Received in 2015**
3. **APPENDIX 3: Work Plan and Budget for the period 01 January – 31 December 2015**
4. **APPENDIX 4: ATPS Board Members**
5. **APPENDIX 5: ATPS Responsible STI Advisory Committee**
6. **APPENDIX 6: ATPS Regional Steering Committee Members**
7. **APPENDIX 7: ATPS Secretariat Staff during the period of 01 January 2015 - 31 December 2015**
8. **APPENDIX 8: ATPS National Chapter Coordinators**







## Appendix 1.0: ATPS Financial Statements





## APPENDIX 1.0 : Financial Statements

### AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS) (A COMPANY LIMITED BY GUARANTEE)

#### STATEMENT OF DIRECTORS' RESPONSIBILITIES

The Kenyan Companies Act requires the Directors to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the company as at the end of the financial year and its operating results for that year. It also requires the Directors to ensure that the company keeps proper accounting records which disclose with reasonable accuracy at any time the financial position and performance of the company. They are also responsible for safeguarding the assets of the company.

The Directors are responsible for the preparation of these financial statements that give a true and fair view in accordance with International Financial Reporting Standards for small and Medium-sized Entities and the requirements of the Kenyan Companies Act and for Internal controls as Directors determine are necessary to enable the preparation of financial statements that are free from material misstatements, whether due to fraud or error.

The Directors accept responsibility for the annual financial statements, which have been prepared using appropriate accounting policies supported by reasonable and prudent judgements and estimates, in conformity with International Financial Reporting Standards for Small and Medium-sized Entities and in the manner required by the Kenyan Companies Act. The Directors are of the opinion that the financial statements give a true and fair view of the state of the financial affairs of the company and of its operating results. The Directors further accepted responsibility for the maintenance of accounting records which may be relied upon in the preparation of the financial statements, as well as adequate systems of internal financial control.

Nothing has come to the attention of the Directors to indicate that the company will not remain a going concern for at least the next twelve months from the date of this statement.

  
EXECUTIVE DIRECTOR

23<sup>rd</sup> August 2017

  
DIRECTOR

23<sup>rd</sup> August 2017



## APPENDIX 1.0: Financial Statements

### AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS) (A COMPANY LIMITED BY GUARANTEE)

#### STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME FOR THE YEAR ENDED 31 DECEMBER 2015

	Note	2015 US\$	2014 US\$
<b>INCOME</b>			
Grant Income	4	225,626	717,320
Other Income	5	0	8,493
Finance Income	6	(414)	(99)
		<u>225,212</u>	<u>725,714</u>
<b>OPERATING EXPENSES</b>			
Project Expenditure	7	(203,145)	(537,662)
General administration	7	(122,099)	(219,005)
		(325,244)	(756,667)
(DEFICIT) / SURPLUS FOR THE YEAR		<u>(100,032)</u>	<u>(30,953)</u>



## APPENDIX 1.0: Financial Statements

### AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS) (A COMPANY LIMITED BY GUARANTEE)

#### STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2015

ASSETS	Note	2015 US\$	2014 US\$
<b>Non-current assets</b>			
Motor vehicles and equipment	9	21,010	28,165
Intangible assets	10	<u>3,113</u>	<u>3,621</u>
		<b><u>24,123</u></b>	<b><u>31,786</u></b>
<b>Current Assets</b>			
Grants receivable		22,944	0
Other receivables	12	22,084	16,211
Bank and cash balance		<u>14,502</u>	<u>90,301</u>
		<u>59,530</u>	<u>106,512</u>
<b>Total assets</b>		<b><u>83,653</u></b>	<b><u>138,298</u></b>
<b>FUNDS AND LIABILITIES</b>			
<b>Funds</b>			
Accumulated Fund		<u>(67,618)</u>	<u>32,414</u>
<b>Current Liabilities</b>			
Unexpended grants	11	22,803	18,000
Payables and accruals	13	<u>128,468</u>	<u>87,884</u>
		<b><u>151,271</u></b>	<b><u>105,884</u></b>
<b>Total funds and liabilities</b>		<b><u>83,653</u></b>	<b><u>138,298</u></b>

The financial statements on pages 15 to 31 were approved by the Directors on 23<sup>rd</sup> August 2017 and signed on their behalf by:

EXECUTIVE DIRECTOR.

DIRECTOR



## APPENDIX 1.0: Financial Statements

### AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS) (A COMPANY LIMITED BY GUARANTEE)

#### STATEMENT OF CHANGES IN FUNDS FOR THE YEAR ENDED 31 DECEMBER 2015

	General Fund US\$
At 1st January 2014	(213,175)
Prior year adjustments	276,542
	<hr/>
At 1 January 2014 as restated	63,367
Surplus / (Deficit) for the year	<u>(30,953)</u>
At 1st January 2015	32,414
Surplus / (Deficit) for the year	(100,032)
At 31 December 2015	<u><b>(67,618)</b></u>



## APPENDIX 1.0: Financial Statements

### AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS) (A COMPANY LIMITED BY GUARANTEE)

#### STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 31 DECEMBER 2015

	Note	2015 US\$	2014 US\$
<b>OPERATING ACTIVITIES</b>			
(Deficit)/Surplus for the year		(100,032)	(30,953)
Adjustments for:			
Depreciation		7,946	8,970
Amortisation		2,887	1,694
Operating (deficit)/surplus before working capital changes		(89,199)	(20,289)
Increase in grants receivable		(22,944)	0
Increase in other receivables		(5,873)	(9,378)
Increase/(Decrease) in unexpended grants		4,803	264
Increase/(Decrease) in payables and accruals		40,584	52,902
Decrease in undisbursed grants payable		0	(36,150)
Net cash used in operating activities		(72,629)	(12,651)
<b>INVESTING ACTIVITIES</b>			
Purchase of furniture and equipment		(3,170)	(12,269)
Net cash outflow from investing activities		(3,170)	(12,269)
(Decrease)/Increase in cash and cash equivalents		(75,799)	(24,920)
Cash and cash equivalents at 1 January		90,301	115,221
Cash and cash equivalents at 31st December		14,502	90,301
Represented by:			
Bank and cash balances		14,502	90,301





## Appendix 2.0: Grants Received in 2015

S/N	Title of Grant	Donor	Amount
1.	Development and implementation of Systems for Sharing Sustainable Land Management Knowledge and Information (LandPKS)	USAID	US\$ 94,673.00
2.	Newcastle disease market scoping study in Nigeria and Ghana	Global Alliance for Live-stock Veterinary Medicines (GALVmed)	US\$ 38,610.00
3.	Consultancy on Relevance of University Training to Labour Market Demands	Association of African Universities (AAU)	US\$15,000
4.	Contract for training Fiber Crops technical staff on the use of LandInfo technology.	Fiber Crops Directorate	KES 315,00.00



## Appendix 3.0: Work Plan and Budget for the Period 01 January- 31 December 2016





Strategic Objectives	Outcomes	January 2016-December 2016 Planned Activities	Ex-pected Time Frame	BUDGET (US\$)				
				JRS	IDRC-SGCSSA	AfDB-Clim-Dev Special Fund	GALVmed	AAU
A. STI Policy Research and Research Capacity Building (STI-RCB)								
A1. Review of policies and institutions for biodiversity information in sub-Saharan Africa	1. A report on policy and institutional mapping towards the access of data and information on biodiversity. B. A report on the potential impacts of policies, legislation and regulations on biodiversity 3. A validated report of innovative policies and best practices 4. A guide on management and investment in biodiversity information	1. To analyse the existing policy and institutional landscapes (policies, institutions and regulatory environments) influencing the generation, maintenance and access to biodiversity information in sub-Saharan Africa. 2. To assess the potential impacts of existing policies, legislations and regulation on the process that facilitate biodiversity informatics. 3. To identify the difference policy measures and innovative best practices for addressing the gaps in the generation, maintenance and accessing of biodiversity information within sub-Saharan Africa. 4. To develop a policy evaluation frame work to guide the prioritization of management and investment in biodiversity informatics.	30th July 2016	16,050				
A2. A market Scoping Study of Newcastle Disease in Village Poultry in Nigeria and Ghana	1. Proposed key informants lists, sample of questionnaires, lists of sites to be visited and general plan of execution and any other document relevant to the study as agreed with GALVmed. 2. Submit a copy of the ND Scoping report with referenced literature and appendices. 3. Submit revised final copy of report.	A2.1 Work package 1: Comprehensive desk research and phone interviews I. Identify and compile all relevant online and documented literature resources on village/backyard poultry production, diseases and ND vaccination programs/activities in respective countries. II. Identify gender sensitive/compliant key stakeholders and conduct phone interviews.	Completed in 2015				15,444	





# APPENDIX 3.0: Work Plan and Budget for the period 01 January- 31 December 2016

Strategic Objectives	Outcomes	January 2016-December 2016 Planned Activities	Expected Time Frame	BUDGET (US\$)				
				JRS	IDRC-SGCSSA	AfDB-Clim-Dev Special Fund	GALVmed	AAU
		<p>III. Contact and coordinate with key informants in the country and conduct interviews, discussions, etc. to elicit information exchange.</p> <p><i>A.2.2 Work package 2: Field visits for meetings and focus group discussions</i></p> <p>I. Interview government and private sector players including NGO's- conduct structured interviews and focus group discussions with special attention to gender sensitive stakeholders.</p> <p>II. Make strategic visits to selected high VP density locations/sites to interview agro-vet shp keepers, veterinarians, paravets, local government officials, vaccinators and VP keepers.</p> <p><i>A.2.3 Work package 3: Report Drafting- Nigeria and Ghana ND Market Scoping</i></p> <p>I. Compile information from desk research and field visits</p> <p>II. Liaise with GALVmed contact person to review scoping study strategy.</p> <p>III. Submit draft report to GALVmed for review</p> <p>IV. Make changes and submit final draft.</p>						
<b>A3. Bridging climate information gap to strengthen capacities for climate informed decision-making in Africa.</b>	<p>1.Documentation of climate information needs assessments.</p> <p>2. Establishment of a database facilitated by Earth observation data and web enabled technology.</p>	<p><i>A.3.1 Component 1: Climate Information generation</i></p> <p>I. Identification and analysis of climate information needs</p> <p>II. Generation climate information.</p>	To be determined- pre approved			466,627		

**APPENDIX 3.0: Work Plan and Budget for the period 01 January- 31 December 2016**

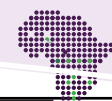

Strategic Objectives	Outcomes	January 2016-December 2016 Planned Activities	Expected Time Frame	BUDGET (US\$)				
				JRS	IDRC-SGCSSA	AfDB-Clim-Dev Special Fund	GALVmed	AAU
	3. Revamping of web based collaborative environment (ICE) for climate information dissemination. 4. Intensified awareness of climate change adaptation issues and opportunities to incorporate related climate information into national and regional policies for improved adaptation. 5. Improved intra-regional communication and transfer of knowledge on climate adaptation development tools and practices. 6. Improved capacity for evaluating extent to which policies and plans incorporate climate adaptation information for development of plans and strategies that facilitate climate adaptation environment.	III. Assessment of data collection and management systems re-vamping the climate change interactive Collaborative Environment (ICE) <i>A.3.2 Component 2: Capacity enhancement and climate information dissemination</i> I.Capacity enhancement and climate information dissemination. II. National level stakeholder consultations <i>A.3.3 Component 3: Implementation of Pilot Adaptation Practice and Toolkit</i> I. Using climate information to support adaptation planning and policy making. II. Formulation of a robust toolkit						
<b>A4. Strengthen the ability of Science Granting Councils to manage research) and Strengthen partnerships among Science Granting Councils</b>	To be determined once extended EOI is prepared.	To be determined once extended EOI is prepared. Initial EOI Prequalified. Awaiting call for an extended EOI.	To be determined		To be determined			
<b>B. Intra-Africa and Global Collaboration and Partnership (IGCP)</b>								
<b>B1. Improving the relevance of University training to labour market demands in Africa</b>	1. Identify the critical factors that make university training relevant to the productive sector and labour markets in Africa 2. Identify the factors mitigating against successful engagement and industry in Africa	B1.1. Conduct an online survey and e-forum dialogue and consultations with respondents across Africa B1.2. Conduct in-depth literature review and syntheses of the relevance of university training to labour market demands	Completed in 2015					15,000



## APPENDIX 3.0: Work Plan and Budget for the period 01 January- 31 December 2016

Strategic Objectives	Outcomes	January 2016-December 2016 Planned Activities	Expected Time Frame	BUDGET (US\$)				
				JRS	IDRC-SGCSSA	AfDB-Clim-Dev Special Fund	GALVmed	AAU
	3. Find out the opportunities that exist between universities and the productive sectors for partnerships and collaboration 4. Ascertain the benefits derived from strengthened linkages between universities and industries in Africa 5. Identify the reforms required for efficient and sustainable linkages between universities and industries in Africa	B1.3. Conduct E-forum for validation of report B1.4. A full report covering the key learning outcomes. A policy brief and research paper designed to address the need for African University to be more closely linked with the productive sector						
<b>B1. Improving the relevance of University training to labour market demands in Africa</b>	A. Identify the critical factors that make university training relevant to the productive sector and labour markets in Africa B. Identify the factors mitigating against successful engagement and industry in Africa C. Find out the opportunities that exist between universities and the productive sectors for partnerships and collaboration D. Ascertain the benefits derived from strengthened linkages between universities and industries in Africa E. Identify the reforms required for efficient and sustainable linkages between universities and industries in Africa	1. Conduct an online survey and e-forum dialogue and consultations with respondents across Africa 2. Conduct in-depth literature review and syntheses of the relevance of university training to labour market demands 3. Conduct E-forum for validation of report 4. A full report covering the key learning outcomes. A policy brief and research paper designed to address the need for African University to be more closely linked with the productive sector						
<b>C. Youth and Gender Empowerment (YGEP)</b>								
<b>C.1 the African Youth Forum for Science and Technology (AYFST),  The African Youth Forum for Science and Technology (AYFST)</b>	A. Enhanced skills/capacities in agriculture, ST&I research and policy advocacy amongst Africa Youths and women;	1. Youth Innovation Challenge (Y I CAN) and Women Innovation Challenge (WE CAN) Programs 2. Youth and Women Social Entrepreneurship Programs	Ongoing through out the year					





Strategic Objectives	Outcomes	January 2016-December 2016 Planned Activities	Expected Time Frame	BUDGET (US\$)				
				JRS	IDRC-SGCSSA	AfDB-Clim-Dev Special Fund	GALVmed	AAU
	<p>B. Increased youth/women participation in ST&amp;I research projects and other innovative and productive interventions at local, regional and national levels;</p> <p>C. A functioning networking platform, forum [online and offline] in which the youth/women can exchange opinions; and increased awareness among the youth/women on inter-related policy issues in agriculture, science and technology and the need for multi-disciplinary approaches in ST&amp;I research and policy making;</p>	<p>3. Youth and Women Internship and Mentorship programs</p> <p>4. Youth and Women Post-Doctoral Fellowships and Staff Exchange Programs</p> <p>5. Youth Social Innovation Camps</p> <p>Africa Makes, Creates and Innovates Award (MCIA)</p> <p>6. African Youth and Women in STI Congress</p>						
<b>D. Training and Sensitization</b>								
<b>D. Training and Sensitization</b>	<p>A. Enhanced dissemination of ST&amp;I policy research to policymakers and to stakeholders at the grassroots through the fourth estate</p> <p>B. Build capacity of journalists, artists and policy makers to communicate and use ST&amp;I policy research.</p>	<p>1. Organise in-country activities to commemorate the scientific revival day of Africa in the ATPS chapter countries</p> <p>2. Conduct follow up review and evaluations of the Trainer of Trainers (ToTs) programmes, roundtables, workshops, publications, etc to promote awareness on intellectual property at grassroots levels in the Eastern Africa and the SADC countries</p>	Ongoing throughout the year					
<b>E. STI Knowledge Brokerage, Commercialization and Policy Advocacy</b>								



# APPENDIX 3.0: Work Plan and Budget for the period 01 January- 31 December 2016

Strategic Objectives	Outcomes	January 2016-December 2016 Planned Activities	Expected Time Frame	BUDGET (US\$)				
				JRS	IDRC-SGCSSA	AfDB-Clim-Dev Special Fund	GALVmed	AAU
<b>E. Knowledge Brokerage, Commercialization and Policy Advocacy</b>	<p>A. Better appreciation of ST&amp;I policy research by science journalists, policy makers and artists;</p> <p>B. ATPS Techno policy briefs derived from the research finding</p> <p>C. Strengthened partnerships between researchers and policy makers in the ST&amp;I policy process;</p> <p>D. Sensitized leaders/ policy makers on their leadership roles in promoting ST&amp;I-led development;</p> <p>E. Stronger existing ATPS chapter through training, and establishment of offices, etc</p>	<p>1. Multi-media publications including policy briefs, working papers, research papers, newspaper articles, news features, and other artistic impressions such as cartoons, etc.; Training of media journalists. Support the Africa Forum for Science Journalist activities.</p> <p>2. Liaison with relevant Line Ministries and Government Agencies in partner countries to advocate, develop and implement policies and incentives for green technology imports and exports, respectively;</p> <p>3. Liaison with relevant partner institutions including but not exclusive to the Global Green Growth Institute (GGGI), United Nations Environment Program (UNEP), the Green Growth Knowledge Platform (GGKP), UNFCCC, and UNECA to develop technology cooperation and transfer policies, and identify potential sources of clean technologies for African countries and vice versa</p> <p>4. Publish popular articles, flyers, etc. for popularisation of STI at the grassroots levels. Liaison with African countries to develop bankable projects</p>	Ongoing throughout the year					

**APPENDIX 3.0: Work Plan and Budget for the period 01 January- 31 December 2016**


Strategic Objectives	Outcomes	January 2016-December 2016 Planned Activities	Expected Time Frame	BUDGET (US\$)				
				JRS	IDRC-SGCSSA	AfDB-Clim-Dev Special Fund	GALVmed	AAU
		for the various global financial mechanisms for green growth and climate change 5. Advocating for development and deployment of policies and bilateral agreements for technology cooperation to enhance effective technology transfer between African countries, and internationally	Ongoing throughout the year					
<b>Total Programmes</b>				16,050	-	466,627	15,444	15,000
<b>Administration Costs</b>				-	-	-	-	-
<b>GRAND TOTAL</b>				16,050	-	466,627	15,444	15,000

ESTIMATED INCOME	BUDGET (US \$)
Association of African Universities (AAU)	15,000
AfDB_CDSF Fund	466,627 (projected)
JRS BIODIVERSITY	16,050
GALVmed	15,444
<b>Total Estimated Income</b>	<b>513,121</b>





## Appendix 4.0: ATPS Board Members



Prof. Shaukat Ali Abdul-  
razak  
**Chairman**



Mr. Chuma Ikenze  
**Vice-Chairperson**



Mrs. Peggy OTI-Boateng



Prof. Banji Oyeleran Oyeyinka



Dr. El Tayeb Mustafa



Dr. Nicholas Ozor  
**Ex-Officio Member**



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## APPENDIX 5.0:

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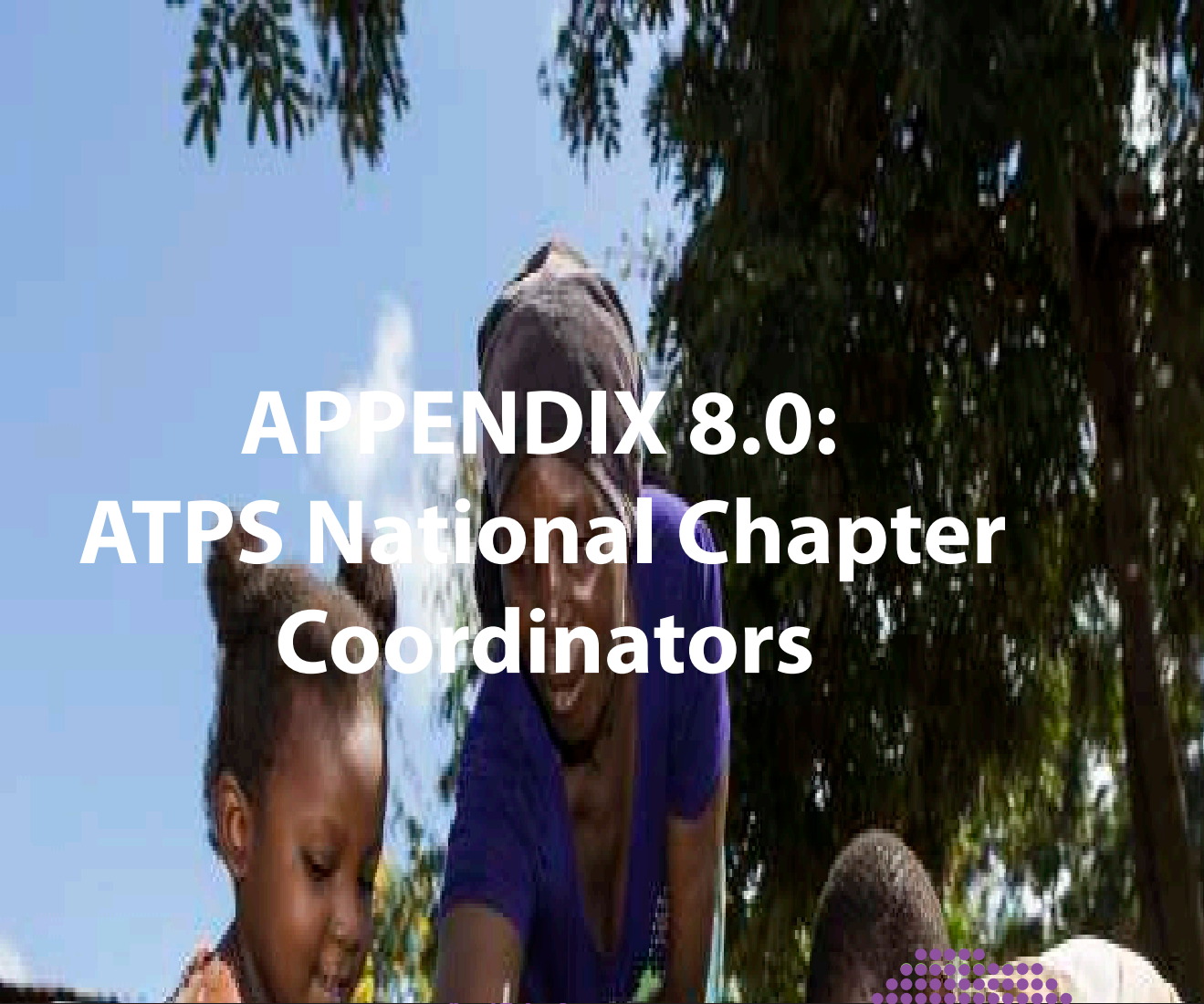
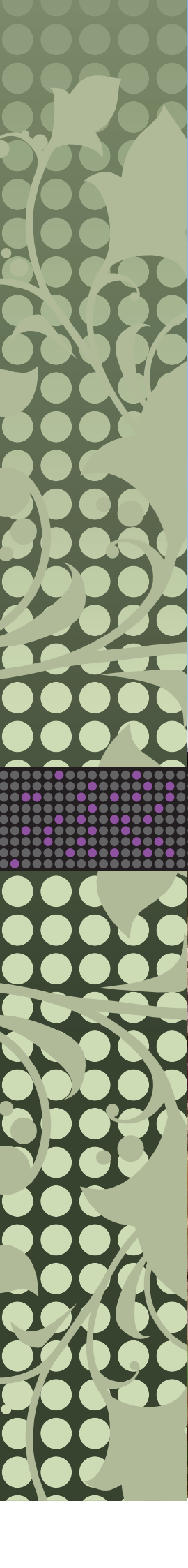
## **APPENDIX 7.0:**

# **ATPS Secretariat Staff during the period of 1 January 2015 - 31 December 2015**

The ATPS Secretariat Staff in 2015 include:

1. Dr. Nicholas Ozor- Executive Director
2. Mr. Ernest Acheampong- Senior Research Officer
3. Mr. Ayodotun Bobadaye- Research Officer
4. Mr. Maina Kihara- Finance and Administration Manager
5. Ms. Caroline Wamaitha- Secretary and Programs Administrative Assistant
6. Ms. Dorothy Njagi - Communications and Outreach Officer
7. Mr. David Muturi- Driver/ Messenger





# APPENDIX 8.0: ATPS National Chapter Coordinators



Science, Technology and Innovation for  
African Development





## APPENDIX 8.0: ATPS National Chapter Coordinators

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