



# Annual Report 2014

Science, Technology and Innovation for  
African Development





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The African Technology Policy Studies Network (ATPS) is a multi-disciplinary network of researchers, private sector actors and policy makers promoting the generation, dissemination, use and mastery of science, technology and innovation (ST&I) 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.

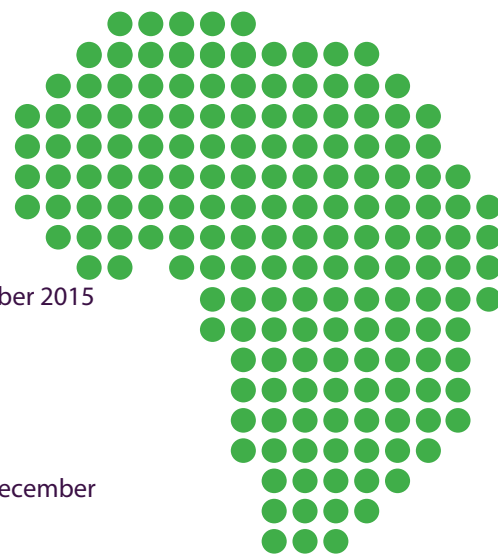




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# List of Acronyms

ARC	AGRYMET Regional Centre
ARS	Agricultural Research Service
ATPS	African Technology Policy Studies Network
AusAID	Australian Agency for International Development
CCA	Climate Change Adaptation
CSO	Civil Society Organizations
CTA	Technical Centre for Agriculture and Rural Cooperation
ED	Executive Director
FARA	Forum for Agriculture Research in Africa
ICPAC	IGAD Climate Prediction and Applications Centre
IGCP	Intra-Africa and Global Collaboration and Partnership
ILRI	International Livestock Research Institute
INDC	Intended Nationally Determined Contributions
KALRO	Kenya Agricultural and Livestock Research Organization
LandPKS	Land Potential Knowledge Systems
LDCs	Least Developed Countries
LSHTM	London School of Hygiene and Tropical Medicine
MBA	Master of Business Administration
MOU	Memorandum of Understanding
NACOSTI	National Commission for Science, Technology and Innovation
NEPAD	New Partnership for African Development
OSF	Open Society Foundation
OSS	Observatoire du Sahara et du Sahel
PhD	Doctor of Philosophy
R&D	Research and Development
RHM	Rangeland Health Monitoring
RCMRD	Regional Centre for Mapping Resource for Development
S&T	Science and Technology
SEI	Stockholm Environment Institute
STI	Science, Technology and Innovation
SVN	Southern Voices Network
TUK	Technical University of Kenya
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNN	University of Nigeria Nsukka
UoG	University of Groningen
UoN	University of Nairobi
USDA	United States Department of Agriculture



A man in a white short-sleeved button-down shirt is holding a large, round, woven basket on his head with both hands. The basket is made of thick, brown, woven material. He is standing in front of a wooden fence and some trees in the background. The sky is blue with some clouds. The text "The Chairman's Message" is overlaid in white on the upper part of the image.

# The Chairman's Message

Science, Technology and Innovation for  
African Development





# Chairman's Message



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

**T**he Science of today is the technology of tomorrow. Without Science, Technology and Innovation (STI) there is no change, creativity and incentive for improvement. We all live in a society that is dependent on STI and we cannot ignore the important role it plays in our society. African countries need to invest in STI to enable them design, produce and implement STI initiatives for sustainable development.

Over the last 20 years, ATPS has participated in well-constructed surveys, engagement processes and delivered the collective wisdom of experts and stakeholders to the general public on topics ranging from Science, Technology and Innovation (STI) to climate change issues that currently is a global menace. Our overall objective is to develop Africa's STI capacity (knowledge basis & infrastructure, knowledge circulation & networks, knowledge conditions & policies) today for sustainable African development tomorrow.

ATPS is the leading trans-disciplinary network of researchers, policymakers, private sector actors and the civil society that promote the generation, dissemination, use and mastery of STI for African development, environmental sustainability and global inclusion. ATPS provides a platform for collaborative and innovative research to support African governments and STI institutions/stakeholders to build necessary knowledge conditions and infrastructures, policies and incentives and capabilities for STI knowledge generation, brokerage circulation and socialization to ensure effective valorization and commercialization of scientific and indigenous knowledge into new technologies and innovations for sustainable development in the continent.

The strength of the ATPS Network is in its National Chapters

located in 30 countries (27 in Africa and 3 in the Diaspora – USA, UK and Australia). We maintain constant reach with our Chapters and draw not only the expertise for the implementation of our programs but also use the platform to ensure cost effectiveness and easy implementation of all our programs in Africa. Today, the ATPS has over 1,500 members and 3,000 stakeholders in over 51 countries in 5 continents with institutional partnerships worldwide.

This year marked progressive growth in the implementation of ATPS phase VII Strategic Plan July 2013- June 2018. The Plan is designed to improve 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. There was an increase in the global reach and influence of the ATPS as it strived to represent Africa on STI policy dialogues in the continent and globally. There were institutional partnerships and international roundtable discussion forums that are great platforms for sharing knowledge to critically address matters of science, technology and innovation as well as African development.

Leadership means facing challenges head-on; I must admit that the task ahead was daunting. There was change in administrative leadership at the Secretariat; Dr. Nicholas Ozor is the acting ATPS executive director. The transition period has not been easy, the new administration has been working hard to rebuild and strengthen relationships between ATPS and its stakeholders including the National Chapters, donors, partners, staff and ex-staff, members of ATPS network and the general public that ATPS is meant to serve in the continent and beyond. ATPS continues to uphold its standards as the premier Science, Technology and Innovation institution despite the challenge of inadequate funding which is core and pragmatic.

We continue to rely on support from our various stakeholders as we implement our Phase VII Strategic Plan July 2013- June 2018 so as to improve the understanding and functioning of STI policy research and policymaking processes to strengthen capabilities, social responses, and governance of STI led sustainable development in Africa.

On behalf of the board of directors, I want to thank the donors who have continued to support ATPS in the implementation of its activities, the Responsible STI Policy Advisory Council, the Regional Steering Committee, National Chapter Coordinators, Network Members and the secretariat staff for their outstanding leadership and commitment to serve the public despite transition period that poised great challenges.

**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**  
**Ag. Executive Director**

**T**hank you for making 2014 yet another remarkable year for the African Technology Policy Studies Network. Since the birth of ATPS in 1994 we have continued to make tremendous progress each year despite the challenges we have faced as an organization. A little progress everyday adds up to big results. Alongside our partners we continue to advocate for more research on STI development that is guided by excellence, transparency and accountability for sustainable development in Africa.

Our core mandate this year has been the implementation of Phase VII Strategic Plan (2013-2018) which aims at improving the understanding and functioning of STI policy research, policymaking processes and governance of STI-led sustainable development in Africa. We enhance the understanding and functioning of the interface between scientific and policy research, technological development, deployment and transfer, innovation incubation and diffusion in a holistic and systematic way. Phase VII Plan has five thematic strategic priorities namely; STI Policy Research and Research Capacity Building, Intra-Africa and Global Collaboration and Partnership Program, Youth and Gender Empowerment, Training and Sensitization and lastly, STI Knowledge brokerage, Commercialization and Policy Advocacy.

In August 2014, the board appointed me as the acting executive director to take over the mantle of institutional leadership at the Secretariat. The transition period has not been easy but with God everything is possible, we have made major strides by rebuilding and strengthening relationships between ATPS

and its stakeholders, and raise funds which is still a big challenge to implement ATPS activities as contained in the ATPS Phase VII Strategic Plan 2013-2018. The biggest challenge during the period was in restoring integrity, dignity and visibility of the ATPS which had suffered damage over the previous years. This affected our capability to raise funds to implement its programs hence forcing staff to spend a lot of time in proposal development and in other fundraising strategies.

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. Our innovative skills and ability will be the groundbreaking discoveries which will leverage exciting global partnerships, and help us to attract and retain the best talent in the World. We are excited about participating in this next stage of advancing research excellence as this year marked a decade of service for the organization. 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.

I extend my gratitude to the board who have been very supportive to the new management especially during the early stages when the new administration commenced work officially by giving strategic directions, guidance and advice in many critical issues at the ATPS. I also thank the ATPS management team and the staff for expanding our outreach while strengthening our science, technology and innovation (STI), programs and services. Lastly, I extend my gratitude to all those who have supported us throughout the year especially in working toward our Phase VII Strategic Plan through development grants, linkages, partnerships and other collaborative activities. I am committed to and believe in justice and accountability.

Sincerely,  
Dr. Nicholas Ozor  
Ag. Executive Director, ATPS

# About ATPS



Science, Technology and Innovation for  
African Development







## About ATPS



**T**he African Technology Policy Studies Network (ATPS) is a trans-disciplinary network of researchers, policy-makers, private sector actors, and civil society actors promoting the generation, dissemination, use and mastery of 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 and partners in national chapters in the 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 of Africa's development.

ATPS achieves its mandate through research, capacity building and training, science communication/dissemination and sensitization, participatory multi-stakeholder dialogue, knowled-

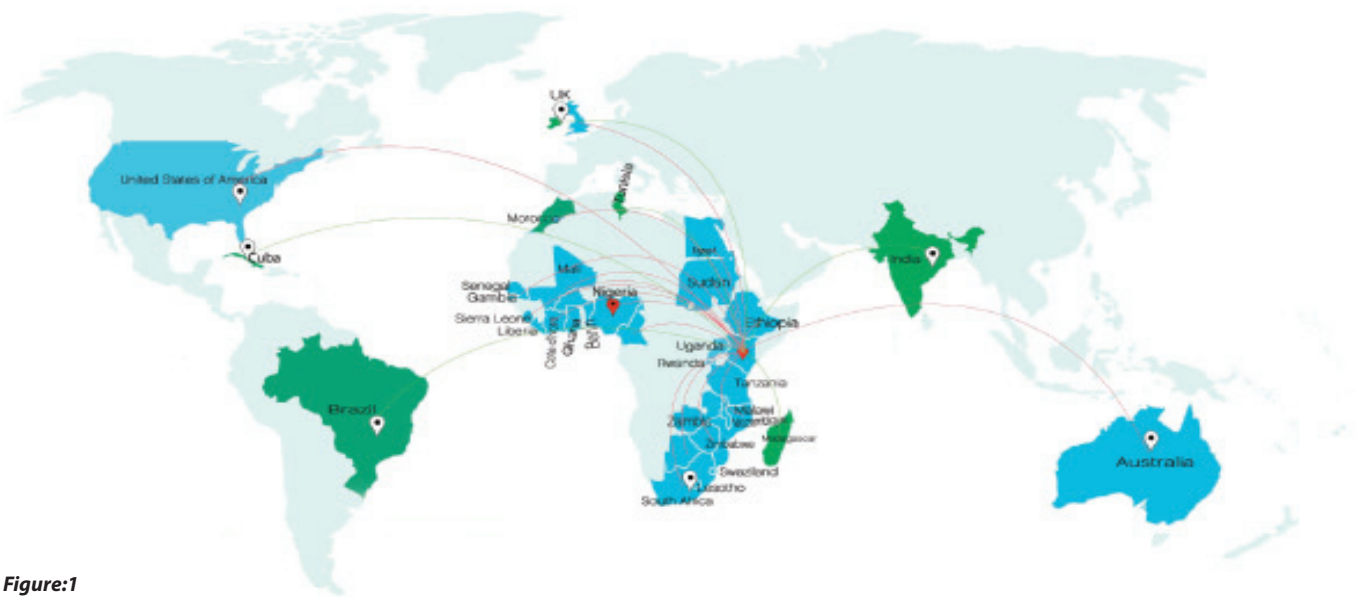
ge brokerage, and policy advocacy. In collaboration with like-minded institutions, ATPS provides platforms for collaborative regional and international research and knowledge sharing for the identification and incubation, development, use and mastery of STI for sustainable development in Africa.

### 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, establish 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: the 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.

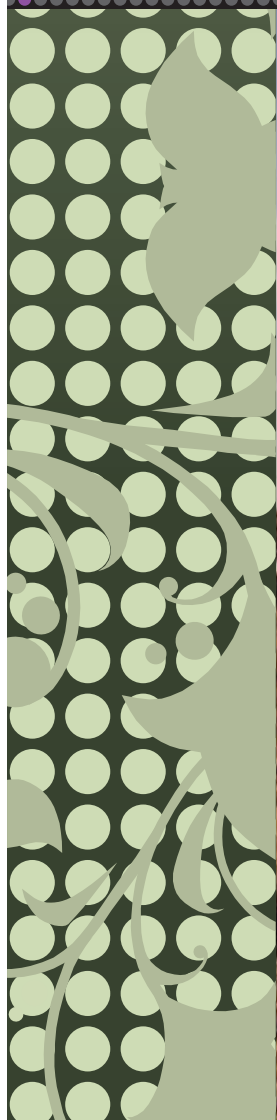
The institutional structure of the ATPS also enhances cost effective identification, prioritization and implementation of policy research activities at the regional and national levels through its network of members in the national chapters and the regional Secretariat, respectively. The proactive engagement of members in the national chapters in the identification and implementation of activities also ensure 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 countries 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)



This 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 2014 to 31 December 2014. 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**

**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



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 the African societies for effective deployment and diffusion (up scaling) in Africa. Activities and programs carried out during the period are described briefly below:

## 1.1 Land Potential Knowledge Systems (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. Under this project implementation, ATPS participated in fieldwork activities in Samburu, Kenya and Kavango, Namibia. Activities implemented under this project include:-

### 1.1.1 Rangeland Health Monitoring (RHM) and LandPKS Scoping Workshop Namibia.

ATPS research officer Mr. Ernest Acheampong, attended the workshop which was hosted by the Ministry of Lands and Resettlement from 20th August-3rd September 2014 to guide future development of LandPKS and its application in Namibia and globally. The workshop offered participants the op-

portunity to broaden options with regards to decisions on interventions and management of lands in Namibia. It also provided insights into the capabilities and limitations of LandPKS and RHM mobile applications. Through on-field demonstrations participants provided valuable feedbacks and usefulness of the LandPKS and RHM application in their work. The workshop served as a stepping-stone for more collaborative work between the LandPKS project and the various government ministries given the high level interest of government to intensify agricultural production in certain areas of the country.

### 1.1.2 Nairobi Debriefing Meeting at ATPS Offices

The sole purpose of the meeting which was held on 10th September was to prepare a new work plan and amend details of the previous agreements between United States Department of Agriculture (USDA) and ATPS. Present at the meeting were ATPS Executive Director- Dr. Nicholas Ozor, LandPKS Project Coordinator from USDA Agricultural Research Service (ARS)- Mr. Adam Beh, and Mr. Ernest Acheampong- LandPKS technical team member at the ATPS. The debriefing also featured rehearsals using the mobile application. A detailed work plan was submitted to the USDA by the ATPS team to cover up till June 2015.

## 1.2 Collaboration with University of Nigeria (UNN) to Implement a Project on Building Trans-disciplinary Climate Change Adaptation Capacity at the University of Nigeria.



The project is a joint initiative of the ATPS, University of Nigeria and the Open Society Foundations (OSF). The overall purpose of this initiative is to build and up-scale the capacity for research, teaching, learning and outreach services in climate change adaptation within the University of Nigeria. A one year work plan (2014-2015) for the implementation of the remaining activities was submitted to the OSF and the justification for the immediate activities to be carried out by the ATPS (August 2014 – October 2015) under the UNN-ATPS ACCAI program.

#### *1.2.1 African Climate Change Adaptation Initiative (ACCAI) funded by OSF.*

The meeting was held in Ghana from 11th-14th June 2014 and attended by Dr. Kevin Urama-former ATPS Executive Director. The agenda of the meeting was to plan forward activities within the ACCAI framework and move on to the next step and possibly get involved in the OSF Shared Framework on Food Security in the Context of Climate Change.

### **1.3 Australian Development Research Awards Scheme (ADRAS)**

The ATPS in collaboration with the University of Murdoch, from the Australian Agency for International Development (AusAID) continued their partnership in implementing the deliverables of the projects namely: -

- Leveraging natural resource wealth for sustainable investments in water and sanitation. (Mozambique).
- Towards a model of “patient procurement”: Leveraging mining infrastructure and procurement needs for robust and enduring agricultural supply chain productivity & development. (Mozambique and Liberia).
- Towards policies for an effective management of mine closures through strategic environmental risk assessment and management. (Mozambique and Liberia).

#### *1.3.1 Using Natural Resource Wealth to Improve Access to Water and Sanitation in Mozambique*

ATPS Executive Director, Dr. Nicholas Ozor signed a new agreement for the implementation of this project following the lapse in the execution of activities under his predecessor. Working with an independent consultant, the ATPS completed the design of the instruments for this study and engaged the services of a Portuguese-speaking Research Assistant in the collection of field data in Mozambique.

The specific objectives of the project were to produce evidence based advocacy at National and Provincial Levels by analyzing current efforts to increase access to water and sanitation in Nampula province, including along the major Nampula-Nacala economic corridor and to build the business case for long term investment of mineral resource revenues into the water and sanitation sector. The ADRAS project description can be accessed online at: [http://www.atpsnet.org/projects/adras\\_mozambique/index.php](http://www.atpsnet.org/projects/adras_mozambique/index.php)

#### *1.3.2 Towards a Model of “Patient Procurement”: Leveraging Mining Infrastructure and Procurement Needs for Robust and Enduring Agricultural Supply Chain Productivity & Development Covering Mozambique and Liberia.*

ATPS designed, described and delivered capacity building initiatives through mentorship programs for African Youth (Youth Innovation Challenge Program- YI CAN) and Women (Women Innovation Challenge Program- WI CAN). The Executive Director held talks with the project partners to ensure ATPS meets its deliverables.

#### *1.3.3 Towards Policies for an Effective Management of Mine Closures Through Strategic Environment Risk Assessment and Management in Mozambique and Liberia*

ATPS role was to support the projects communication strategy and the implementation including preparation, publication and dissemination of information, results, assessments, reviews and analyses using the ATPS networks across the region. ATPS developed a communications plan for dissemination of research outputs and the Executive Director embarked on frequent follow-ups to ensure ATPS performs its required duties.

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

The project which runs from 15th December 2014 to 15th January 2016 seeks 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. The project will provide stakeholders with valuable knowledge about the policy and institutional landscape required for facilitating access to biodiversity information. The role of the Foundation is to support up-to-date reviews of policy research findings relating to policies that determine the quantity, quality and use of biodiversity data and knowledge, which the ATPS has already embarked on.

The project aims to help decision makers and policy researchers to understand the relationships among information and conservation and development goals and the policy environment in other African countries. The ATPS team is currently engaged in scoping studies to document the current status of biodiversity policies in 26 countries being covered in sub Saharan Africa. The team is also preparing an online survey instrument to obtain more information on policies and institutions for biodiversity information in SSA. More details on the grant awarded can be accessed at <http://jrsbiodiversity.org/jrspolicyresearchgrantsjan2015/> or <http://www.atpsnet.org/projects/bipl/index.php>

### **1.5 Sharing Tools in Planning for Sustainable Development SDplanNet**

The ATPS organized the first ever Sustainable Development





*Delegates during the 2014 Regional Sustainable Development Transition series Africa workshop organised by SDplanNet and ATPS at the Hilton Hotel Nairobi, Kenya.*

Transition Forum (SDTF) which convened approximately 55 experts within governments and international and regional organizations to advance the mainstreaming of SD principles and green economy approaches into national and sub-national development planning and scaling-up implementation. The SDTF explored the future of innovative governance and practice for mainstreaming sustainable development, it examined the current governance, explained the post 2015 development agenda process and provided recommendations to community of practice networks around the world. For more please visit <http://www.atpsnet.org/projects/sdplannet/index.php>

#### *1.5.1 SDplanNet Africa Regional Workshop Hilton Hotel Nairobi, Kenya*

The workshop dubbed, “Achieving Sustainable Development Goals (SDGs) through Transformative Governance Practices and Vertical Alignment at the National and Sub-national Levels” took place from 3-5 March 2014. The regional workshop brought together 27 participants comprising government planners, policy-makers, civil society organisations, and experts from across Africa to advance a community of practice (CoP) as well as create a knowledge base and capacity building agenda for national and sub-national strategy-making, planning and implementation in preparation for the delivery of the Post-2015 Development Agenda and the Sustainable Development Goals (SDGs) in Africa.

#### *1.5.2 Sustainable Development Transition Forum (SDTF) in Incheon, Republic of Korea Organized by the United Nations Office of Sustainable Development (UNOSD).*

Mr. Ernest Acheampong, ATPS research officer attended the forum which was held from 9th -11th April 2014. SDTF served as a global platform for sharing knowledge in the formulation and implementation of sustainability programs, reviewing evidence of impact and charting new and improved pathways for implementation. For more please visit <http://www.unosd.org/content/documents/5672014%20Incheon%20Communique%202014-04-13%20A4.pdf>

#### *1.5.3 Pro-Poor, Low Carbon Development: Improving Low Carbon Access and Development benefits in LDCs*

ATPS submitted the report of the study on 24th April 2014, the project was for a period of three months. The objective of this study was to synthesize the research and policy needs based on emerging learning outcomes from the Lighting Africa project in Nigeria (LAN); the Africa Clean Cooking Energy Solutions (ACCES) project on the state of the clean cooking sector in sub-Saharan Africa, and the Pro-poor, low carbon development. The report detailed policy strategies for increased adoption and diffusion of the climate smart energy technologies and a strategy for enhancing solar home systems, solar lighting and clean cooking energy technologies in sub-Saharan Africa. For more please visit: <http://www.atpsnet.org/projects/outcomes-for-clean-energy-techs/index.php>





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



**T**he ATPS has continued consolidating for partnerships and cooperation with relevant STI institutions in Africa and globally. The Executive Director participated in several workshops and conferences during the period. Five MoU's have been signed and a number of partnerships are still underway.

### 2.1 MoU's Signed

#### 2.1.1 ATPS Signs MoU with UNN 1st September 2014

ATPS acting Executive Director Dr. Ozor signed an MoU with Professor Benjamin C. Ozumba, Vice Chancellor University of Nigeria. The MOU will provide a framework that will enable ATPS and UNN collaborate to identify and conduct research and sector studies that generate evidence-based and empirical information in the field of Science, Technology and Innovation (STI). The collaboration will also cover areas such as joint training programmes on STI for the quadruple helix (researchers, policymakers, private sector actors and the civil society actors); advocacy and enlightenment programmes on STI; staff exchange and capacity building programmes; and data and resources sharing opportunities among others. The meeting also discussed the progress of the OSF-UNN Program on Climate Change, which has been faced with various implementa-

tion challenges. More information on the signing of the MoU can be accessed at: [http://www.atpsnet.org/media\\_centre/news/article.php?article=150](http://www.atpsnet.org/media_centre/news/article.php?article=150)

#### 2.1.2 ATPS Signs MoU with Pan African Climate Justice Alliance (PACJA)

ATPS signed an MoU with Pan African Climate Justice Alliance (PACJA) on 19th August 2014 to collaborate in the development and implementation of mutually beneficial programme of activities in capacity building such as provision of training to staff and stakeholders, conducting research and policy research on systems approaches to climate change adaption and mitigation strategies, creating public awareness on issues of climate change, among many others.

#### 2.1.3 ATPS Signs MoU with GALVmed

ATPS signed an MoU with Global Alliance for Livestock Veterinary Medicines (GALVmed). The MoU will see both organizations collaborate in joint development and implementation of mutually relevant projects, knowledge and information exchange. Both parties will continually explore mechanisms of strengthening the existing collaborations and partnerships or joint ventures of any mutual kind. The MoU will also see the two organizations collaborating in sensitization and aware-



ness creation regarding GALVmed supported technologies and products through ATPS network to ensure sustainable adoption among many others. More details of the MoU signing are available at: [http://www.atpsnet.org/media\\_centre/news/article.php?article=155](http://www.atpsnet.org/media_centre/news/article.php?article=155)

#### *2.1.4 ATPS Signs MoU with FANRPAN 3rd December 2014*

ATPS signed an MoU with FANRPAN. In attendance was Chief Executive Officer and Head of Mission at FANRPAN Dr. Lindiwe Majele Sibanda. The MoU will provide a framework of cooperation and understanding, and facilitate collaboration between the two principals to further their shared goals and objectives. This strengthened working relationship between ATPS and FANRPAN will foster the acceleration of Africa's quest to eradicate poverty, hunger and malnutrition and improve the general well being of its people.

## **2.2 Workshops, Conferences and Meetings**

#### *2.2.1 XIV Session of the International Resource Panel (IRP) and Steering Committee, Santiago Chile*

The meeting was attended by Dr. Kevin Urama, former ATPS executive director from 26th-30th May 2014. The objectives of the meeting were mainly to review the progress in preparation of on-going assessment reports, study proposals and first drafts for peer review, strategic discussions on priority topics, scientific credibility and operational matters and lastly, to expand the expert base of IRP.

#### *2.2.2 Mining and Agriculture Symposium, Kampala, Uganda*

Dr. Nicholas Ozor, the Executive Director participated in the symposium which was held on 8-10 October 2014, as one of the fifty key researchers, activists and decision-makers from Africa and Australia in the "Mining and Agriculture Symposium: From Resource Curse to Development Driver".

He contributed in the symposium by emphasizing on the need to have a policy enabling environment to drive the agriculture and mining industries and development in Africa. The discussions were centered on: Identifying ways of removing policy barriers that prevent development of agriculture and mining industries in the continent; Identifying policy landscape favorable for agricultural and mining investment and development to happen, and identifying the nexus that exists between agriculture and mining that has policy implications. The policy discussion on Mining and Agriculture in Africa can be accessed at [http://www.atpsnet.org/media\\_centre/news/article.php?article=156](http://www.atpsnet.org/media_centre/news/article.php?article=156)

#### *2.2.3 People-Powered Accountability, Kenya: A Stakeholder Workshop for the Big Development Data Shift, Pawa254, Kenya*

The workshop was held on 24th October and it aimed at engaging civil society organizations, citizen activists, and relevant stakeholders in an open dialogue to identify citizen-monitoring initiatives and opportunities, assess civil society

organizations capacities to leverage data and technology and develop a collaborative partner network. The Executive Director participated in the roundtable discussion which was hosted by the CIVICUS Secretary General.

#### *2.2.4 Celebrating FARA: Delivering Africa's Future through Science-led Agricultural Transformation, 25-28 November 2014, Johannesburg, South Africa*

As a key stakeholder of FARA, ATPS Executive Director was invited to the celebrations to participate in the stakeholder's forum co-hosted by the Food Agriculture and Natural Resources Policy Analysis Network (FANRPAN) in collaboration with the Forum for Agriculture Research in Africa (FARA) and the NEPAD Agency to commemorate the African year of agriculture and food security. The event aimed at reviewing the achievements and relevance of FARA as well as crafting future strategies.

#### *2.2.5 Meeting for the Development of the 2012 and 2013 ATPS Annual Report*

A meeting to discuss the modalities for the preparation of the 2012 and 2013 Annual Reports. Ms Carol Thuku ATPS former Senior Secretary and Admin Assistant volunteered to do the training to the staff.

#### *2.2.6 Extra-Ordinary Session of AMCOST V, by African Union Brazzaville Republic of Congo*

Dr. Kevin Urama, ATPS former executive director participated in the Extra Ordinary Session of African Ministerial Conference on Science and Technology (AMCOST V) from 15th to 18th April. Key issues deliberated at the meeting include: AU Strategy for Science, Technology and Innovation following the review of the Consolidated Plan of Action, the African Scientific, Research and Innovation Council, Observatory on STI and the Pan African Intellectual Property Organisation.

#### *2.2.7 Africa Forum on Inclusive Economies, Windsor Golf Hotel and Country Club, Nairobi*

The Rockefeller Foundation, the African Development Bank (AfDB) and the United Nations Economic Commission for Africa (UNECA) convened on 8th and 9th December at the Africa Forum on Inclusive Economies, a Pan African convening aimed at bringing together key thought leaders and policy makers to closely interrogate and propel forward, thinking around the theme of advancing inclusive economies. The overall goal of the workshop was to develop and embed a common and dynamic understanding on Inclusive Economies within the African context exemplified by influential dialogue and action towards entrenching new practices on the continent. During the workshop, the Executive Director got a chance to network with other present participants from relevant disciplines.

## **2.3 Awards**

Amendment of the Host Country Agreement 14th November 2014. The Ministry of Foreign Affairs and International Trade





amended the ATPS host country agreement on 14th November 2014. Work permits and re-entry permit of its international expatriate staff shall be processed through the Ministry of Foreign Affairs and International Trade on Gratis. ATPS expatriate staff will not pay for their work permit and dependent passes. The cancellation of the two immigration Bonds resulted to the crediting of the ATPS account with the cash collateral held plus the interest accrued.

### 2.3.1 CEMAC-UNN Sustainability Award

ATPS Executive Director, Dr. Nicholas Ozor was conferred with the 2014 CEMAC-UNN Sustainability Award on Social Respon-

sibility on 18th December. The Award was issued by the Centre for Environmental Management and Control (CEMAC) in collaboration with the University of Nigeria Nsukka (UNN) in recognition of Dr. Ozor's hard work, selfless service and contributions to sustainable environmental quality in Nigeria. The award is designed to recognize individuals and corporate bodies who have contributed immensely in improving the quality of the natural environment through acts that have contributed to sustainable environmental, social and economic development of Nigeria. More details can found at: [http://www.atpsnet.org/media\\_centre/news/article.php?article=157](http://www.atpsnet.org/media_centre/news/article.php?article=157)

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



*Youth conference on agriculture, climate change and food security in Africa.*

ATPS hosted three interns Mr. Mark Arango, Ms. Ann Mumbua Muoki, and Mr. Bobadoye Ayodotun Oluwafemi on its program on student internships. Mr. Arango reviewed on the three ADRAS projects and addressed the technical issues on the proposal submitted to JRS Biodiversity Foundation. Ms. Muoki holds Bachelor of Arts in Journalism and Mass Communication from the University of Nairobi and Mr. Oluwafemi is presently a PhD student in the Institute for Climate Change and Adaptation, University of Nairobi, Kenya. His key role at ATPS has been to support the ATPS research team to develop new proposals and in conducting literature review for ongoing projects.

ATPS continues to receive applications for Graduate Internship positions (see [http://www.atpsnet.org/Files/Graduate\\_Internship\\_Opportunities.pdf](http://www.atpsnet.org/Files/Graduate_Internship_Opportunities.pdf)). Fellowship applications from experts around the world who wish to strengthen and sharpen their skills on STI in Africa are also continually received at the secretariat.





## Objective 4.0: Training and Sensitization



*Team building event for the ATPS Staff.*

### 4.1 Staff Training

This activity is ongoing and ATPS members of staff continue to benefit from staff capacity building mandate. ATPS research officer Mr. Ernest Acheampong registered for his PhD titled: “Sustainable Urban Water Management” at the University of Stellenbosch in South Africa. Another ATPS staff, Mr. Bobadoye

Ayodotun Oluwafemi is currently pursuing his PhD at the University of Nairobi. His research titled “Adaptation strategies of Maasai Pastoralist Community under Changing Climatic Conditions in Kajiado County” falls within the organizations mandate.





## Objective 5.0: STI Knowledge Brokerage, Commercial- ization and Policy Advocacy (KB-CPA)



*Mr. Ernest Acheampong doing a presentation on rallying Africa to embrace and implement social innovation policies at the Wilson Centre in Washington DC.*

### 5.1 Publications

#### 5.1.1 Publication of the Proceedings of the 2011 ATPS Annual Conference and Workshops

Based on the deliberations at the end of the 2011 ATPS annual conference, the ATPS on 9th October 2014 published the long outstanding book volume on “Strengthening Linkages”.

A notification of the book publication has been sent out to the National Chapter coordinators, the conference participants and those who made contributions to the book. The online version of the book is available at: [http://www.atpsnet.org/Files/ATPSAC2011\\_Proceedings.pdf](http://www.atpsnet.org/Files/ATPSAC2011_Proceedings.pdf)

#### 5.1.2 Policy Brief Publication

In partnership with NACOSTI, the ATPS produced a policy brief on ‘Gender in the National Science, Technology and Innovation Policy of Kenya’, funded by UNESCO to facilitate the mainstreaming of gender into the current draft STI policy of Kenya and its overall objective is to train professional women on policy formulation and implementation strategies geared towards gender mainstreaming and sustainable development. The ATPS advocates for gender mainstreaming using different approaches and forum including roundtables, stakeholder workshops and comparative analysis with the STI policies of other neighboring east African countries, among others. The publication was rated no. 45 in Influencing Policy in the 2014

Global Go To Think Tanks Index Report. The online publication is available at: <http://www.atpsnet.org/Files/pb44.pdf>

#### 5.1.3 African Program Brief

During his academic fellowship at the Wilson Center in May to July 2014, ATPS research officer Mr. Ernest Acheampong who is Southern Voices African Research Scholar was recognized for his outstanding African Program brief titled: “Rallying Africa to Embrace and Implement Social Innovation Policies: Lessons from Far and Near”. The brief is a good landmark for ATPS programs especially in social innovation research and development. The online publication of the brief can be found at: [http://www.atpsnet.org/Files/W\\_Wilson\\_Policy\\_Brief\\_10.pdf](http://www.atpsnet.org/Files/W_Wilson_Policy_Brief_10.pdf)

#### 5.1.4 Publication of the 2012 Annual Report

The long outstanding annual report for the period 01 January 2012 to 31 December 2012 was published and uploaded at the ATPS website. The report presents a summary of ATPS efforts in Science Technology and Innovation capacity building as well as the financial position of the organization for the period. It is organized according to the strategic priority focus areas and the objectives contained in the ATPS Phase VI Strategic Plan and the Annual Work plan of the year 2012. More details on the report can be found in the ATPS website at [http://www.atpsnet.org/Files/2012\\_ATPS\\_Annual\\_Report.pdf](http://www.atpsnet.org/Files/2012_ATPS_Annual_Report.pdf)



## Objective 6.0: Monitoring and Evaluation



### 6.1 ATPS Financial Audit

The ATPS management has finalised with the financial audit of 2014. This is in accordance with the ATPS policy and international standards. The ATPS management contracted the

services of Zack & Associates who are certified public accountants in Kenya.





# Challenges



*ATPS Board members meeting.*

## Staffing

ATPS still encounters challenges in staffing due to the financial constraints it has been facing for some time. Some of the technical and administrative staff of the ATPS had left the organization however, the new management has made efforts to recruit very competent staff to support the existing team in rebuilding the ATPS and restoring its past glory.

## Securing Core Funding

Inadequate funding is still a huge challenge in the implementation of ATPS activities. Relentless efforts have been made to secure core funding through new partnerships, collaborative engagements and renewal of inactive partnerships. The ATPS has submitted several proposals to raise funds for the implementation of thematic 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 also be crucial to sustain ATPS ability to meet its obligations to stakeholders.



## Conclusion



The year 2014 witnessed a steady growth in achievements made by the ATPS despite the many challenges it has inherited. The board has been very supportive to the new management especially during the early stages when the new administration commenced on work officially by giving strategic directions, guidance and advice in many critical issues at the ATPS.

The management remains grateful to other members of the Board who though have left the ATPS Board continued to give their advice. These include Prof. Agnes Mwangombe, Prof. Indira Nath, Prof. Brian Heap, and Prof. Banji Oyeyinka. We are thankful to all the ex-staff of the ATPS who came back to us in their numbers to offer supports most times on pro bono basis to ensure that we stabilize our footing especially during the early stages of our administration.

The achievement made during this transition period have been great including restoring the full diplomatic status to the

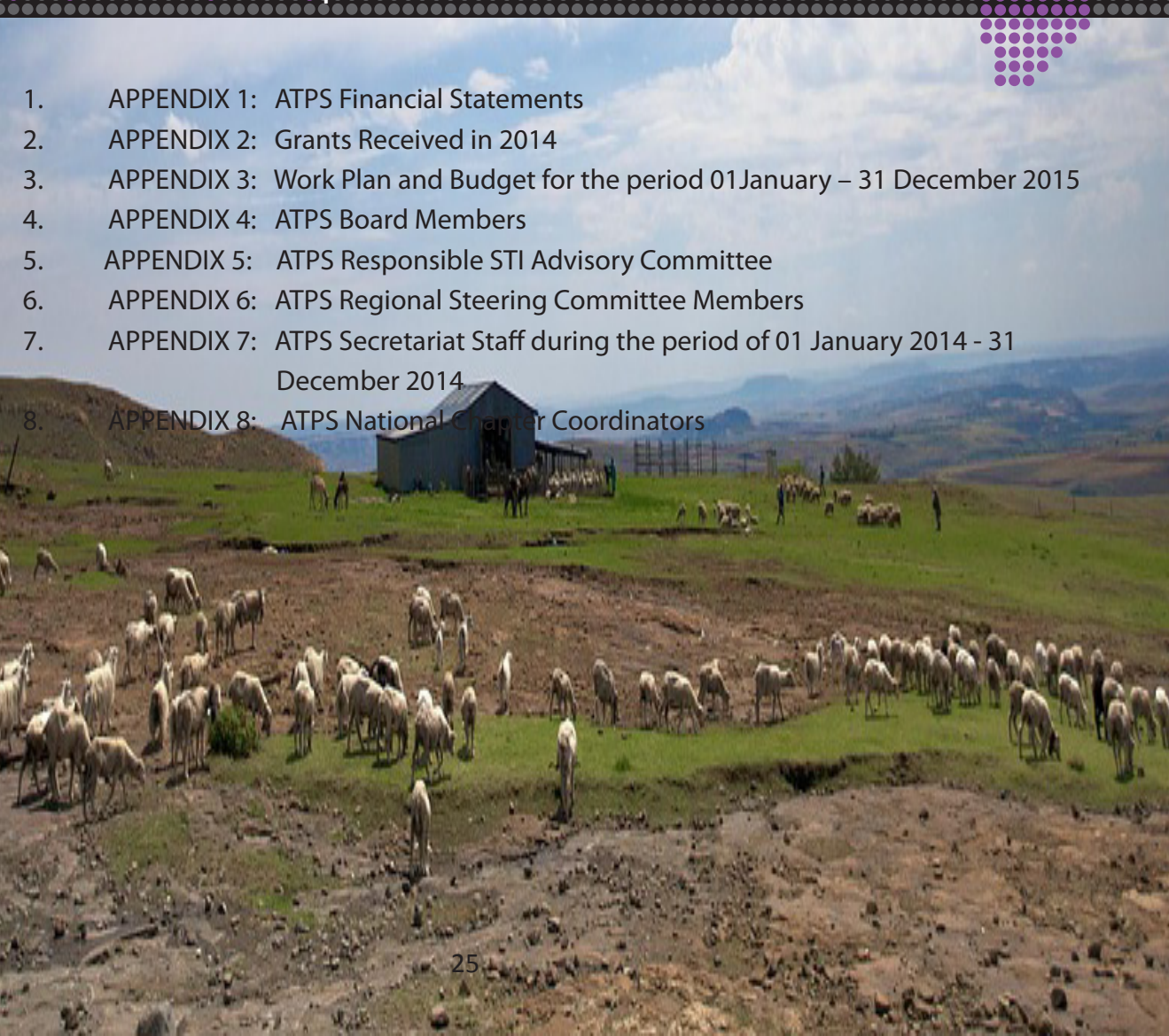
ATPS by the Kenyan Government of granting ATPS expatriate staff a on a Gratis work and re-entry permits. Others include ability to renew and forge new partnerships with like-minded organizations and institutions through signing of MoUs and collaborations in projects and proposal developments; securing new project funds for the implementation of ATPS activities; payment of outstanding benefits to ex-staff of the ATPS and renewing relationships with them; recruiting competent lean staff to join the team of ATPS; increasing the visibility and integrity of the ATPS before the donors, partners and the general public; development of about 15 new proposals which ATPS is still waiting for the results.

The major challenge for ATPS is inadequate funding to implement its activities as already provided in the ATPS Phase VII Strategic Plan (2013-2018).





## Science, Technology and Innovation for African Development

1. APPENDIX 1: ATPS Financial Statements
  2. APPENDIX 2: Grants Received in 2014
  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 2014 - 31 December 2014
  8. APPENDIX 8: ATPS National Chapter Coordinators
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## 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.

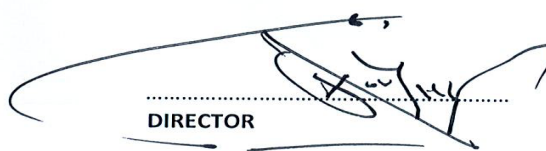
The Directors are responsible for the preparation of these financial statements that give a true and fair view in accordance with International Financial Reporting Standards for small and Medium-sized Entities and the requirements of the Kenyan Companies Act and for Internal controls as Directors determine 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  
27/06/2017

2017

  
.....  
DIRECTOR  
27/06/2017

2017



## APPENDIX 1.0: Financial Statements

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

#### STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2014

ASSETS	Note	2014 US\$	2013 US\$
<b>Non-current assets</b>			
Motor vehicles and equipment	9	28,165	30,039
Intangible assets	10	<u>3,621</u>	<u>142</u>
		<b><u>31,786</u></b>	<b><u>30,181</u></b>
<b>Current Assets</b>			
Other receivables	12	16,211	17,014
Bank and cash balance		<u>90,301</u>	<u>115,221</u>
		<b><u>106,512</u></b>	<b><u>132,235</u></b>
<b>Total assets</b>		<b><u>138,298</u></b>	<b><u>162,416</u></b>
<b>FUNDS AND LIABILITIES</b>			
<b>Funds</b>			
Accumulated Fund		<u>32,414</u>	<u>(213,175)</u>
<b>Current Liabilities</b>			
Unexpended grants	11	18,000	17,736
Payables and accruals	13	87,884	321,705
Undisbursed grants payable	14	<u>0</u>	<u>36,150</u>
		<b><u>105,884</u></b>	<b><u>375,591</u></b>
<b>Total funds and liabilities</b>		<b><u>138,298</u></b>	<b><u>162,416</u></b>

The financial statements on pages 15 to 31 were approved by the Directors on 2017  
and signed on their behalf by:

EXECUTIVE DIRECTOR.

27/06/2017

DIRECTOR

27/06/2017





## 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 2014

	Note	2014 US\$	2013 US\$
<b>INCOME</b>			
Grant Income	4	717,320	493,413
Other Income	5	8,493	6,394
Finance Income	6	(99)	587
		<u>725,714</u>	<u>500,394</u>
<b>OPERATING EXPENSES</b>			
Project Expenditure	7	(537,662)	(562,537)
General administration	7	(219,005)	(216,151)
		(756,667)	(778,688)
(DEFICIT) / SURPLUS FOR THE YEAR		<u>(30,953)</u>	<u>(278,294)</u>



## 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 2014

	General Fund US\$
At 1 January 2013	65,119
Deficit for the year	(278,294)
At 31 December 2013	<u>(213,175)</u>
At 1st January 2014	(213,175)
Prior year adjustments	276,542
At 1 January 2014 as restated	<u>63,367</u>
Surplus / (Deficit) for the year	(30,953)
At 31 December 2014	<u><u>32,414</u></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 2014

	Note	2014 US\$	2013 US\$
<b>OPERATING ACTIVITIES</b>			
(Deficit)/Surplus for the year		(30,953)	(278,294)
Adjustments for:			
Depreciation		8,970	18,303
Amortisation		1,694	2,100
Operating (deficit)/surplus before working capital changes		(20,289)	(257,891)
Decrease in grants receivable		0	95,171
Increase/(Decrease) in other receivables		(9,378)	6,308
Increase in unexpended grants		264	(101,506)
Increase/(Decrease) in payables and accruals		52,902	90,343
Decrease in undisbursed grants payable		(36,150)	(203,811)
Net cash used in operating activities		(12,651)	(371,386)
<b>INVESTING ACTIVITIES</b>			
Purchase of furniture and equipment		(12,269)	(1,742)
Office move expenses			
Net cash outflow from investing activities		(12,269)	(1,742)
<b>FINANCING ACTIVITIES</b>			
Cash flows from financing activities			
Net cash inflow from financing activities		(12,269)	(1,742)
(Decrease)/Increase in cash and cash equivalents		(24,920)	(373,128)
Cash and cash equivalents at 1 January		115,221	488,349
Cash and cash equivalents at 31st December		90,301	115,221
Represented by:			
Bank and cash balances		90,301	115,221



## Appendix 2.0: Grants Received in 2014

S/N	Title of Grant	Donor	Amount
1.	Mainstreaming Gender in Science, Technology and Innovations in Institutions of Higher Learning and Research in Kenya	UNESCO	US\$ 5,000.00
2.	Development and implementation of Systems for Sharing Sustainable Land Management Knowledge and Information (LandPKS)	USAID	US\$ 503,500.00
3.	Establish the Sustainable Development Planning Network (SDplanNet) in Africa	Institute for Global Environment (IGES)	Euro 123,882.00
4.	Improving Agricultural Productivity and Resilience to Climate Change. Using the Land Potential Knowledge System (LandPKS) Mobile Technology	USAID	€20,000.00





## Appendix 3.0: Work Plan and Budget for the Period 01 January- 31 December 2015





## APPENDIX 3.0: Work Plan and Budget for the period 01 January- 31 December 2015

Strategic Objectives	Outcomes	January 2015-December 2015 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				JRS	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVER-SITY	USDA	CTA	Others (NWO, African Govs)
A. STI Policy Research and Research Capacity Building (STI-RCB)									
A1. Review of policies and institutions for biodiversity information in sub-Saharan Africa	A. A report on policy and institutional mapping towards the access of data and information on biodiversity. Database of institutions engaged in biodiversity research and development B. A report on the potential impacts of policies, legislation and regulations on biodiversity C. A validated report of innovative policies and best practices D. 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.	Ongoing through out the year	50,050.00					
A2. Building Trans-disciplinary climate change adaptation capacity at the University of Nigeria	A. Develop a fully functioning Interactive Collaborative Environment (ICE) platform B. Train a dedicated team of staff on operating the ICE platform. A hands-on guide for the use of the ICE platform	1. Collaboration with University of Nigeria to implement a project on Building Trans-disciplinary Climate Change Adaptation Capacity at the University of Nigeria 2. ATPS will develop, operationalize and train on effective use of the Interactive Collaborative Environment (ICE) platform	Ongoing through out the year		USD 236,013.75				





## APPENDIX 3.0: Work Plan and Budget for the period 01 January- 31 December 2015

Strategic Objectives	Outcomes	January 2015-December 2015 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				JRS	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MUR-DOCH UNIVERSITY	USDA	CTA	Others (NWO, African Govs)
<b>A3. Using Natural Resources wealth to improve access to water and sanitation, in Mozambique (ADRAS 1)</b>	A. Knowledge of implications for infrastructure requirements/pressures on small towns and growth centres with a focus on water and sanitation, A stronger evidence based case for government and private sector expenditures in water and sanitation, a greater use of investment in water and sanitation as a vehicle to invest in building human capital	1. Undertake a cost-benefit analysis of the current NAWASH programme. 2.. Do a cost analysis of an expansion of the NAWASH programme that maintains its focus along the Nampula- Nacala corridor based on the existing and projected data for population shifts. 3. Produce a final report from the analysis and publish three articles in international peer reviewed journals from the analysis and report	To July 2015			48,554			
<b>A4. Towards a model of "patient procurement" Leveraging mining Infrastructure and procurement needs for robust and enduring agricultural supply chain productivity and development (ADRAS 2)</b>	A. Understanding of successful methods and modes of engagement for mine operations to empower local agricultural supply chains to leave a permanent legacy for agricultural systems, strategies for mining companies to become long-term partners to support independent and commercial agricultural development that is both robust and enduring	1. Review of selected successful modes of engagement of mining companies in target countries that have empowered local agricultural supply chains over time. 2. Develop strategies where mining companies may be able to become a long-term partner to support robust agricultural development without ongoing donor agency assistance. 3. Come up with policies of how mining operations can procure appropriate qualities and quantities of agricultural produce to support the transition from subsistence to commercial agriculture	To July 2015			28,115			



## APPENDIX 3.0: Work Plan and Budget for the period 01 January- 31 December 2015

Strategic Objectives	Outcomes	January 2015-December 2015 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				JRS	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVERSITY	USDA	CTA	Others (NWO, African Govs)
<b>A5. Driving policy in mine closure and abandonment management, environmental risk mitigation and rehabilitation of abandoned mine sites as a pro-poor development strategy (ADRAS 3)</b>	A. Determine what regulations policy and security systems exist for managing mine closure and minimizing risks of enduring harm in selected African countries B. Determine the current environmental and health risks and costs associated with selected abandoned mines in the mature and emerging extractive-focussed countries C. Ascertain how reforms and environmental closure standards can attract and retain mining investment, benefiting mining companies, governments and communities and improving the interdependent security of all three	11. Complete detailed Environmental Impact Assessment and Cost Benefit Analysis quantifying and qualifying selected abandoned mine sites collated to inform policy makers and international community 2. Analysis and review of the elements of innovative Western Australia Department of Mines and Petroleum (DMP) legislation for appropriate adaptation for selected countries	To July 2015			26,445			
<b>A6. Development and implementation of Systems for sharing Sustainable Land Management Knowledge and information (LandPKS)</b>	A. Improved targeting of investments on food security, watershed management and natural resource conservation, range management and rehabilitation, value chain development, dry land agriculture Increasing probability of success of rangeland management and restoration efforts by focusing efforts on areas most likely to respond to interventions. B. Provision of accurate information necessary to make evidence-based decisions about what intervention options are suitable for increase land productivity.	1. Conduct field visits to LandPKS project location in Samburu County in Kenya and Kavango region in Namibia for ground truthing assessment of LandPKS application. 2. Undertake training and Sensitization activities for stakeholders including farmers, rural planners, policy makers, extension workers on the use of the LandPKS technology	To June 2015				94,673		





## APPENDIX 3.0: Work Plan and Budget for the period 01 January- 31 December 2015

Strategic Objectives	Outcomes	January 2015-December 2015 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				JRS	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVERSITY	USDA	CTA	Others (NWO, African Govs)
<b>A7. Improving agricultural productivity and resilience to climate change using the Land Potential Knowledge Systems (LandPKS) mobile technology</b>	A.Comprehensive report of the field activities, status of adoption, and impacts of the LandPKS technology in improving agricultural productivity and resilience to climate change B. Comprehensive Report on Improving agricultural productivity and climate change resilience using LandPKS mobile technology	1. Ground truthing assessment of LandPKS mobile technology and performance impacts in Samburu County, Kenya and Kavango region, Namibia 2. Rapid Rural Appraisal technique for greater evidential value. 3.Participatory Monitoring and assessment of impact of the LandPKS technology on agricultural production and climate change resilience 4. A selected group of stakeholders will be convened physically and virtually from across the two countries to validate the report from the research study before it is finally submitted						22,600	
<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>	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							15,000



Strategic Objectives	Outcomes	January 2015-December 2015 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				JRS	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVERSITY	USDA	CTA	Others (NWO, African Govs)
C. Youth and Gender Empowerment (YGEP)									
C.1 the African Youth Forum for Science and Technology (AYFST),  The African Youth Forum for Science and Technology (AYFST)	A. Enhanced skills/capacities in agriculture, ST&I research and policy advocacy amongst Africa Youths and women; B. Increased youth/women participation in ST&I research projects and other innovative and productive interventions at local, regional and national levels; 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&I research and policy making;	1. Youth Innovation Challenge (Y I CAN) and Women Innovation Challenge (WE CAN) Programs 2. Youth and Women Social Entrepreneurship Programs 3. Youth and Women Internship and Mentorship programs 4. Youth and Women Post-Doctoral Fellowships and Staff Exchange Programs 5. Youth Social Innovation Camps Africa Makes, Creates and Innovates Award (MCIA) 6. African Youth and Women in STI Congress	Ongoing through out the year						
D. Training and Sensitization									
D. Training and Sensitization	A. Enhanced dissemination of ST&I policy research to policymakers and to stakeholders at the grassroots through the fourth estate B. Build capacity of journalists, artists and policy makers to communicate and use ST&I policy research.	1.Organise in-country activities to commemorate the scientific revival day of Africa in the ATPS chapter countries 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	Ongoing through out the year						
E. STI Knowledge Brokerage, Commercialization and Policy Advocacy									





Strategic Objectives	Outcomes	January 2015-December 2015 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				JRS	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVERSITY	USDA	CTA	Others (NWO, African Govs)
<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 2015

Strategic Objectives	Outcomes	January 2015-December 2015 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				JRS	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVERSITY	USDA	CTA	Others (NWO, African Govs)
		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>				45,500	224,775	103,114	94,673	22,600	15,000
<b>Administration Costs</b>				4,500	11,238.75	-	-	-	-
<b>GRAND TOTAL</b>				50,050	236,013.75	103,114	94,673	22,600	15,000

ESTIMATED INCOME	BUDGET (US \$)
JR Biodiversity Foundation	50,050.00
University Of Nigeria/Open Society Foundation	236,013.75
Murdoch University	103,114.00
USDA	94,673.00
Other Miscellaneous Incomes from Partners on Collaborative Activities(NWO, African Govs)	15,000.00
Technical Centre for Agricultural and Rural Cooperation (CTA)	22,600
<b>Total Estimated Income</b>	<b>521,450.75</b>





## Appendix 4.0: ATPS Board Members



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



Prof. Turner Issoun  
**Vice-Chairman**



Prof. Indira Nath



Prof. Sir Brian Heap



Prof. Agnes Mwang'ombe



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



## APPENDIX 5.0:

# ATPS Responsible STI Advisory Committee

### 1. Dr. Philippe Kuhutama Mawoko

Coordinator  
African Science, Technology & Innovation Indicators  
(ASTII) Initiative  
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4. Ms. Caroline Thuku- Senior Secretary and Programs Administrative Assistant
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Science, Technology and Innovation for  
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