



# Annual Report 2017

Science, Technology and Innovation for  
African Development







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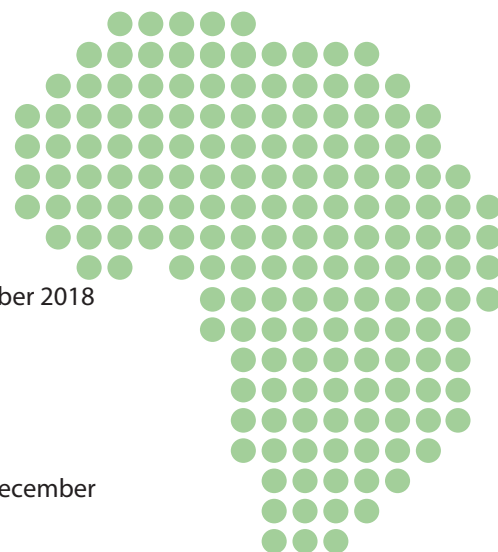
The African Technology Policy Studies Network (ATPS) is a trans-disciplinary network of researchers, private sector actors and policy makers that promote the generation, dissemination, use and mastery of Science, Technology and Innovation (STI) for African development, environmental sustainability and 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

AgCK	The Agricultural Council of Kenya
AGRIVIVE	African Agriculture Revolution Summit
AERC	African Economic Research Consortium
AFAAS	African Forum for Agricultural Advisory Services
AfDB	African Development Bank
APVC	Agricultural Product Value Chain
ASDS	Agricultural Sector Development Strategy
ARC	AGRHYMET Regional Centre
CIS	Climate Information System
CDSF	ClimDev Special Fund
CDMS(Climsoft)	Climate Database Management Systems
CSOs	Civil Society Organizations
CTA	Collaborating Technical Agency
EAs	Extension Agents
EDRI	Ethiopian Development Research Institute
FGs	Focus Groups
GIGGA	Governing Inclusive Green Growth in Africa Network
GRC	Global Research Council
GREAT	Greater Resilience through Enhanced Analysis in Tanzania
ICPAC	IGAD Climate Prediction and Applications Centre
ICAF	Interagency Conflict Analysis Framework
IDRC	International Development Research Centre
ISSC	International Social Science Council
KeFAAS	The Forum for Agricultural Advisory Services – Kenya
NEPAD	New Partnership for Africa's Development
NRF	National Research Foundation
NWO	Netherlands Organization for Scientific Research
NSF	National Science Foundation
PSC	Project Steering Committee
RCB	Rwanda Convention Bureau
SGCI	Science Granting Councils Initiative
SPS	Senior Policy Seminar
STI	Science, Technology and Innovation
T2S	Transformations to Sustainability
UNOSD	United Nations Office for Sustainable Development
VE	Violent Extremism





# The Chairman's Message

Science, Technology and Innovation for  
African Development







# Chairman's Message



**Mr. Chuma Ikenze**  
**Board Chair**

**T**he year 2017 was an exceptional one for the African Technology Policy Studies Network (ATPS). It is the year that the ATPS appointed me as the Chair of Board after serving for two years as a member of ATPS Board. I am humbled by this new appointment and I will strive to work diligently and assist the ATPS to achieve its objective, mission and vision. I also extend my gratitude to my predecessor Prof. Shaukat Abdulrazak for laying a good foundation for the ATPS during the seven years he served as Chair of the ATPS Board and eight years as a member of the ATPS Board. A decision was also made to increase the number of members on the Board so as to diversify its expertise. I am therefore pleased to present to you new members who recently joined the ATPS Board. They include: Prof. Crispus Makau Kiamba, Dr. Catherine Adeya and Mr. Ralph Richard von Kaufmann. Other ATPS Board members include: Prof. Oyebanji Oyeyinka Oyelaran, Dr. Peggy Oti-Boateng, Dr. El Tayed Mustafa and myself. The ATPS Board congratulates the new appointees and pledges to support them in order to steer ATPS forward.

Last year, the ATPS held its Stakeholders' Forum with an aim of reviewing its Phase VII Strategic Plan, to assess the progress made so far with the implementation and reposition it for better achievement of the ATPS mandate and objectives in line with national and regional priorities. I am glad to report to you that in September 2017, ATPS officially launched its Phase VIII Strategic Plan (2017-2022). The new Plan provides a roadmap for ATPS towards attaining its vision of using Science, Technology and Innovation as a means for achieving sustainable development in the next five years. The Plan is also aligned to the study, development and formulation of policies that will promote domestication of the United Nation's (UN) Sustainable Development Goals (SDGs) in Africa.

The Phase VIII Strategic Plan (2017-2022) has four thematic

priorities and five programmatic priorities which the ATPS will implement in the coming five years. The thematic priority areas identified in the new Plan are: Agriculture, food and nutrition; Energy; Climate Change and environmental management, and Health innovations. On the other hand, the programmatic priorities which cut across the thematic areas of focus are: STI policy research, policymaking and advocacy; Training, sensitization and capacity building; Youth and gender empowerment; Knowledge brokerage, management and commercialization; and Intra-Africa and global collaborations and partnerships.

The ATPS has retained its reach and coverage in 27 countries in Africa and three National Chapters in the diaspora (USA, UK and Australia). This is the greatest strength of the ATPS as our strength lies mainly in the national chapters which makes us unique from among our peers. We therefore implement all our programs through these national chapters which has reduced our transaction costs and increased our efficiency, effectiveness and the value for money.

On behalf of the board, I take this opportunity to thank all those who have supported us this year through development grants, linkages and partnerships. We welcome new partners to join us in our work as we develop Africa's STI capacity for sustainable development.

**Mr. Chuma Ikenze,**  
**CEO Kenzel, LLC,**  
**Chair, ATPS Board of Directors**





# Executive Director's Message

Science, Technology and Innovation for  
African Development







# Executive Director's Message



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

It gives me pride and joy to share with you the 2017 ATPS Annual Report. At the beginning of the year and for the fifth year in a row, the ATPS emerged as the Best Think Tank Network in Africa, the best managed think tank, top science and technology think tank, think tank with the most significant impact on public policy, and best regional studies centre among many others. This was according to the 2016 Global Go To Index Report which was released by the University of Pennsylvania, USA under the Think Tank and Civil Societies Program. This ranking would have not been so if not for all your supports and contributions especially the Board of Directors, Secretariat Staff, National Chapter Coordinators, Network members and stakeholders, and especially ATPS donors and development partners.

This year, we received two major grants from the International Development Research Center (IDRC) and its partners the Department for International Development (DFID), the National Research Foundation (NRF) and the African Development Bank (AfDB). The IDRC and partners funded our project on "Networking Africa's Science Granting Councils (SGCs) and other science system actors". The project seeks to strengthen the capacities of the Science Granting Councils (SGCs) to support research and evidence based policies that contribute to economic and social development on the continent under the Science Granting Councils Initiative (SGCI), and implemented across 15 countries in sub-Saharan Africa (SSA). In November 2017 we convened about 200 delegates in Livingstone, Zambia to discuss issues relating to 'Public-private partnerships in research and innovation in Africa' under the SGCI. Prior to that, a masterclass paper was commissioned on the topic and

which was presented during this year's annual forum event.

The AfDB project tagged: "Bridging Climate Information Gaps to Strengthen Capacities for Climate Informed Decision-making", aims to strengthen capacities of selected African countries on how to reduce climate change vulnerabilities, and foster a food secure Africa. The project was launched in September 2017 in an event attended by over 100 delegates who comprised of ATPS Board members, donors, and other stakeholders drawn from governments, research institutions, private sector and civil society actors. A capacity building programme on the use of the LandInfo mobile app technology was conducted for over 120 farmers and extension agents in Nakuru County, Kenya under the AfDB project.

The ATPS also entered into partnership agreements with various organizations in Africa including: Rwanda Convention Bureau, Rwanda; Stockholm Environment Institute (SEI) Africa Center, Kenya; IGAD Climate Prediction and Applications Centre (ICPAC), Kenya; Regional Centre for Mapping of Resources for Development (RCMRD), Kenya; Observatoire du Sahara et du Sahel (OSS), Tunisia; and AGRHYMET Regional Centre (ARC), Niger Republic. We hope to partner with more organizations as we progress in the implementation of our Phase VIII Strategic Plan 2017-2022.

Some of the ATPS staff undertook training in different capacities; this is part of ATPS's strategy to retool its serving staff to be able to deliver optimally in their tasks. One was a two month Commonwealth Professional Fellowship Program on Eco-Innovation at Lancaster University, UK while another took part in the Southern Voices Network for Peacebuilding (SVNP) at the Woodrow Wilson Centre in Washington DC. The research topic was on the Role of Media in Promoting Peace: Lessons from Kenya. Both fellowships are anchored on existing relationships between the institutions and the ATPS.

We revamped our website which is more robust and user friendly and will aid in increasing continuous conversation between ATPS and its stakeholders. The website has managed to attract a high numbers of viewers from Kenya, United States, Nigeria, India, South Africa, United Kingdom, China, Egypt, Ghana, and Philippines among others with a monthly viewership of 573 with a record high percentage of new viewership at 68.2%. This confirms the increasing relevance and impacts of the ATPS in the achieving its vision, mission and objective. We look forward to your continued engagements and supports for the ATPS in 2018 and beyond.

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





# About ATPS



Science, Technology and Innovation for  
African Development





# About ATPS



*ATPS National Chapter Coordinators.*

The 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

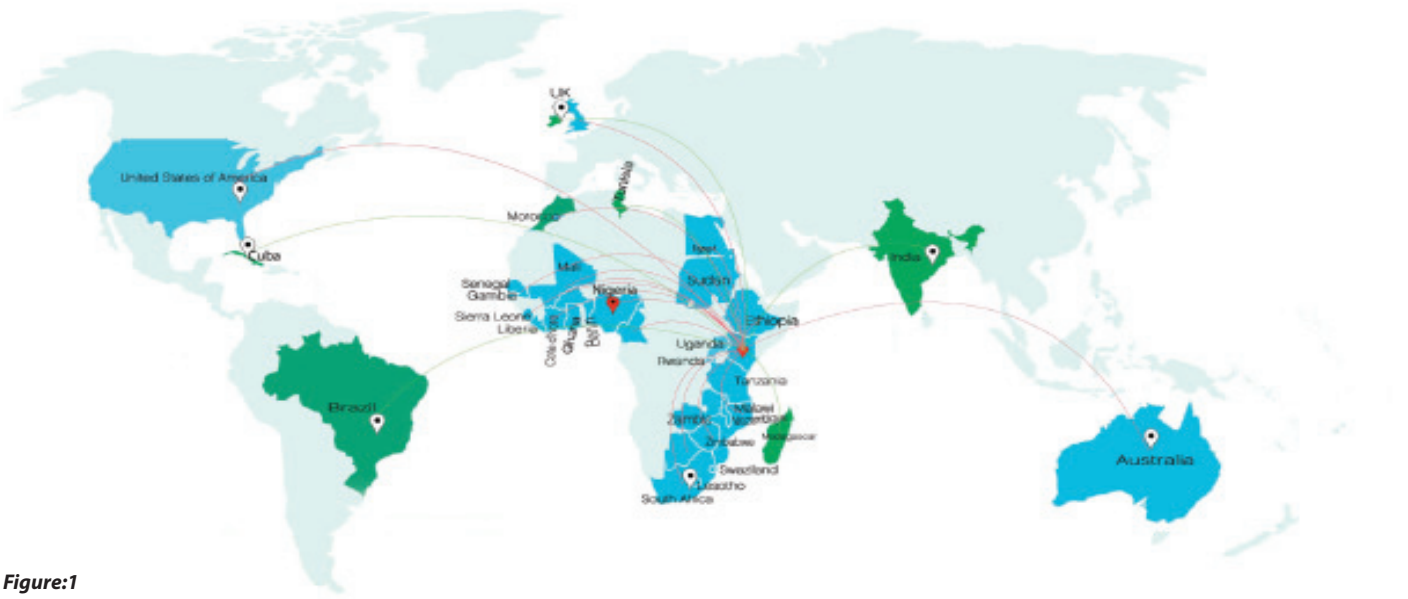
sensitization, participatory multi-stakeholder dialogue, knowledge brokerage, and policy advocacy. In collaboration with like-minded institutions, ATPS provides a platform for collaborative regional and international research and knowledge sharing for the identification and incubation, development, use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





**Figure:1**

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.

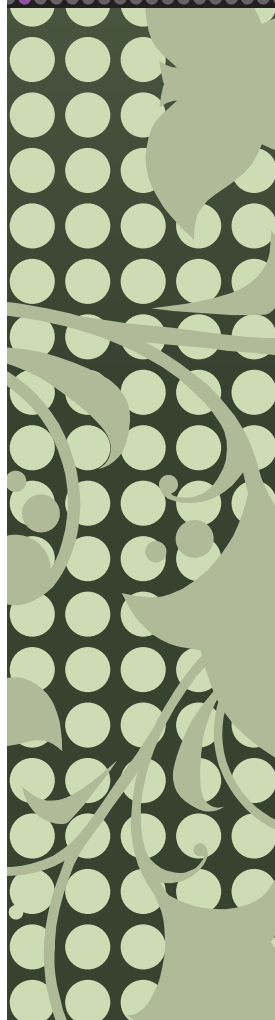
Today, the ATPS has over 1,300 members and 2500 stakeholders in over 51 countries in 5 continents with institutional partnerships worldwide .

According to the 2016 Global Go To Think Tank ratings by the University of Pennsylvania (USA); ATPS was ranked as the best Think Tank Network in Africa, Top Science and Technology Think Tank, Think Tank with the most significant impact on public policy and best regional studies centre among others. The full report and more details on the 2016 Global Go To Think Tank Index can be accessed at: [https://repository.upenn.edu/cgi/viewcontent.cgi?article=1012&context=think\\_tanks](https://repository.upenn.edu/cgi/viewcontent.cgi?article=1012&context=think_tanks)





Science, Technology and Innovation for  
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# Towards the Implementation of ATPS Phase VII Strategic Plan (2013-2018)



*From Left: Dr. Cheikh Mbow, Dr. Nicholas Ozor, Dr. Erica Key, Mr. Ibrahim Thiaw and Dr. Fatima Denton, panelists during the discussion on "Funding Science for a Pollution Free World: How Africa can close the Science-Funding Gap."*

**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 2017 to 31 December 2017. 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)

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

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

**Youth & Gender Empowerment (YGEP)**

**Training and Sensitization (T&S)**

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

**Monitoring & Evaluation (M&E)**



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



Dr. Nicholas Ozor, ATPS Executive Director addressing delegates during the 2017 Science Granting Councils Initiative's Annual Forum in Livingstone, Zambia.

ATPS thematic research and research capacity building programs focus on facilitating innovation capacity development at individual, institutional, national 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 and programs carried out during this period are briefly described below:-

## 1.1 Networking Africa's Science Granting Councils Project

The Science Granting Councils Initiative (SGCI) is a 5-year Initiative which aims to strengthen capacities of the Science Granting Councils (SGCs) in Sub-Saharan Africa in order to support research and evidence-based policies that will contribute to economic and social development. The project seeks to strengthen partnerships and networks among SGCs and other science system actors in order to achieve increasingly coordinated and networked Councils in 15 sub-Saharan African countries. The SGCI theme on Networking Africa's SGCs is being implemented by the ATPS in partnership with the Scinnovent Centre and is jointly funded by Department for International Development (DFID), International Development Research Centre (IDRC) and National Research Foundation (NRF), South Africa.

### 1.1.1 Meeting with IDRC on Operationalizing Theme 4 Project

ATPS held its first meeting with IDRC on 14th February 2017 in Nairobi, Kenya. The aim of the meeting was to touch base on the project, "Building partnerships and networks among science granting councils and other science system actors in sub-Saharan Africa Networking Africa's Science Granting Councils". Among the issues discussed were work plan for the project and the outputs from the Inception Meeting held by ATPS & Scinnovent Centre on 10th February 2017 and the IDRC policies and procedures. Other meetings are as follows:

### 1.1.2 IDRC Institutional visit to the ATPS by Mr. Roger Couture, Manager, Grant Administration Division

Mr. Roger Couture, Manager, Grant Administration Division IDRC, visited the ATPS offices on 17th March 2017 to familiarize himself with the ATPS governance structure, human resource, institution's finances, financial and grant management, along with various related policies and procedures, and also advise ATPS on IDRC's project administration policies.

### 1.1.3 SGCI Annual Forum on the Theme "Towards Effective Public-Private Partnerships in Research and Innovation"

The ATPS held a successful SGCI Annual Forum on the theme "Towards Effective Public-Private Partnerships in Research and Innovation". A commissioned masterclass paper was developed and presented by the authors led by Prof. Banji Oyeyinka during the annual forum that was attended by over 200 deleg-





ates. The SGCI Annual Forum was held alongside with the Global Research Council meeting. The ATPS was represented by the Executive Director, Dr Nicholas Ozor, Dr. Ernest Acheampong (Senior Research Officer) and Mr. Alfred Nyambane (Research Officer). The forum was held from 22nd -23rd November 2017 in Livingstone, Zambia.

## 1.2 Bridging Climate Information Gaps to Strengthen Capacities for Climate Informed Decision-making in Africa

The ATPS signed a Protocol of Agreement (POA) with the African Development Bank (AfDB) on the 16th June 2017. The Protocol of Agreement mandates ATPS to be the executing Agent of the project *“Bridging Climate Information Gap to Strengthen Capacities for Climate informed decision making in Africa”*. The project aims to reduce vulnerability and foster a food-secure Africa by strengthening capacities of African countries’ to understand and deploy appropriate climate information and best practices to inform decision-making and support development planning. The project is being implemented in **Cameroon, Malawi, Kenya, Nigeria and Tunisia** and is being funded by the African Development Bank (AfDB) under the Clim-Dev Special Fund (CDSF).

### 1.2.1 Launch of Bridging Climate Information Gaps to Strengthen Capacities for Climate Informed Decision-Making in Africa

The ATPS in partnership with the Stockholm Environment Institute (SEI) Africa Centre, IGAD Climate Prediction and Applications Centre (ICPAC), Observatoire du Sahara et du Sahel (OSS), AGRHYMET Regional Centre (ARC) and the Regional Centre for Mapping of Resources for Development (RCMRD) Kenya launched the regional project on Bridging Climate Information Gaps to Strengthen Capacities for climate informed decision-making. This was in on 11th September 2017 at Hilton Hotel, Nairobi. The project is expected to run for two years (2017-2019).

### 1.2.2 Project Steering Committee Meeting

This 1st Project Steering Committee (PSC) meeting was held on 12th September 2017 at Hilton Hotel, Nairobi, Kenya for project partners to develop a comprehensive work plan and procurement plans to clearly spell out the activities, roles and responsibilities of each partner and the outputs of the project. Project partners also extensively discussed the procurement and financial transactions that related to the implementation of the project as presented by the AfDB.

## 1.3 Out-scaling of the LandInfo Mobile App Technology for Improved Agricultural Productivity and Climate Change Resilience

This project seeks to address capacity development needs identified in most Africa’s national capacity development strategies by building individual and institutional capacity to the use of emerging ICTs such as mobile phone technology as a tool for providing useful information to enhance effective decision-making for agricultural productivity, sustainable land-use management and climate change resilience.

It aims to:-

- Create awareness and sensitize agriculture Extension Agents (EAs), youth, women and contact farmers about the LandInfo mobile app technology and its potentials; and
- Build the capacity of EAs, youth, women and contact farmers in the selected counties to effectively deploy the LandInfo mobile app for agricultural production, land use planning and climate change resilience.

The ATPS successfully mobilized funds from the African Forum for Agricultural Advisory Service (AFAAS) to replicate the training in Nkubu, Meru Kenya. We then successfully organized the LandInfo mobile app training workshop for farmers and extension agents from 8th-9th November 2017 at Nakuru Agricultural Training Center in Nakuru County. The workshop brought together a total of 120 participants (extension agents and farmers) from all the sub- counties in Nakuru County to gain knowledge and skills on the use of the LandInfo mobile app for the collection of soil and climate information. The workshop aimed at creating awareness about the LandInfo mobile app as well as strengthening the technological capacity of extension agents and farmers to generate reliable soil and climatic information that can inform decision-making on sustainable land management and land use planning. The workshop was supported by the African Development Bank (AfDB) and African Forum for Agricultural Advisory Services (AFAAS).

## 1.4 Greater Resilience through Enhanced Analysis in Tanzania (GREAT) Project

This is a two-year program funded by Creative International that aims to foster coordinated, informed, preventative responses to localized violent extremism (VE) risks in five at-risk Tanzanian regions namely:- Arusha, Mwanza, Dar es Salaam, Tanga, and Zanzibar. Creative International developed an enhanced three-phase, analytical toolkit based on the Inter-agency Conflict Analysis Framework (ICAF), provided a better understanding into regionally-specific VE drivers and each context’s changing dynamics. Creative International is expected to use the analysis to pilot prevention activities in partnership with local civil society organizations. The toolkit is to be interactively adapted, culminating in a validated ‘Version 2.0’ for roll-out in other contexts. Under this agreement, the ATPS’s responsibility was to engage in data collection and analysis to assist with VE assessments in the five at-risk regions.

Mr. Hillary Ragen, ATPS Research Assistant, attended the CVE Project Kick-off/Coordination Meeting and Research Training whose main agenda was to discuss the work plan that ATPS submitted, target areas for the assessment and the next steps.

A separate Community Engagement grantee meeting was held to coordinate field research activities, discuss division of labor between grantees, review work plans from both grantees, discuss target areas of the assessment, and review the sta





tus of planning for the focus groups (FGs) and key informant interviews (KIs). A research training was also conducted by Creative in Dar es Salaam, which covered assessment methodology, research ethics and data collection tools. The meeting was held from 13th -17th February, 2017 in Dar es Salaam, Tanzania.

### 1.5 Finalization of the ATPS Phase VIII Strategic Plan, 2017-2022

The ATPS Board of Directors approved the Phase VIII Strategic Plan, 2017-2022 during the board meeting held on 12th Sep-

tember 2017 in Nairobi, Kenya. The ATPS will in the coming five years focus on four thematic priority areas and five strategic programmatic objectives in line with its mission, vision and objectives. The four thematic priority areas are: Agriculture, Food and Nutrition; Energy; Climate Change and Environmental Management; and Health Innovations. The five strategic programmatic objectives include: STI Policy Research, Policy-making and Advocacy; Training, Sensitization and Capacity Building; Youth and Gender Empowerment; Knowledge Brokerage, Management and Commercialization; and Intra-Africa and Global Collaboration and Partnerships

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



*Dr. Nicholas Ozor signs a MoU with the African Development Bank (AfDB) to implement the project on "Bridging climate information gap to strengthen capacities for climate informed decision-making in Africa".*

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.

### 2.1 MoU's Signed

The ATPS continued to consolidate partnerships and collaboration with relevant STI institutions in Africa and globally.

MoU's signed in 2017 are:

#### 2.1.1 MoU with the University of Sussex (Science Policy Research Unit)

The University of Sussex (Science Policy Research Unit) and the ATPS signed a MoU on 11th January 2017. This will promote co-operation between the two institutions in education and in academic research to explore:-





1. Joint Research in Science, Technology and Innovation (STI) related areas including joint proposal development and implementation;
2. Capacity-building (including training) in STI, Public Policy and policy research methodologies; and development of training materials for such capacity-building and training exercises and projects;
3. Joint publication of research outputs;
4. Joint event organization, such as, conferences, seminars, and workshops;
5. Consultancy in STI and related areas; and
6. Area of focus will be Africa, in particular, but also international - MENA Countries, The Caribbean, Europe, North America and Asia.

### 2.1.2 ATPS Signs MoU with Rwanda Convention Bureau

The ATPS signed a MoU with Rwanda Convention Bureau (RCB) on 27th August 2017. The agreement provided a framework on how the two organizations will work together to organize the African Agriculture Revolution Summit (AGRIVIVE). AGRIVIVE is an annual forum where Agriculture specialists, investors, outstanding entrepreneurs, industry experts, top world leaders, scientists, policymakers, government executives and diplomats from around the world gather to strategize and secure the seemingly elusive self-reliance of African states through Agriculture.

The theme of the summit was “*Using Science, Technology and Innovation to Boost Food Security and Climate Change Resilience in Africa*” with the following sub-themes have been considered for the AGRIVIVE 2017 Summit:-

- Status of science, technology and innovation (STI) in Africa
- STI and agriculture
- STI and climate change adaptation, mitigation and resilience
- Agriculture, water and energy nexus
- Post-harvest loss management
- Role of technology transfer and extension services in food and nutrition security
- Role of policy in achieving food security and climate resilience

### 2.1.3 ATPS signs MoUs with Stockholm Environment Institute (SEI) Africa Centre; IGAD Climate Prediction and Applications Centre (ICPAC); Observatoire du Sahara et du Sahel (OSS); AGRHYMET Regional Centre (ARC); and Regional Centre for Mapping Resource for Development (RCMRD) under the Climate Development Special Fund (CDSF) Project of the African Development Bank (AfDB)

After the approval of the “Bridging Climate Information Gap to Strengthen Capacities for Climate informed decision making in Africa” by AfDB, ATPS signed a Memoranda of Understanding (MoU) on 28th April 2017, 27th April 2017, 25th April 2017, 25th April 2017, and 26th April 2017 respectively with the fol-

lowing these collaborating institutions: Stockholm Environment Institute (SEI) Africa Centre on; IGAD Climate Prediction and Applications Centre (ICPAC); Observatoire du Sahara et du Sahel (OSS); AGRHYMET Regional Centre (ARC); and Regional Centre for Mapping Resource for Development (RCMRD). The MoU clearly stated the respective partner’s roles, responsibilities and obligations in carrying out the CDSF Project.

## 2.2 Workshops, Conferences and Meetings

### 2.2.1 AFASS Management Meeting and Follow up on Innovation Grants

The ATPS was represented in the meeting by the Executive Director, Dr. Nicholas Ozor and Senior Research Officer Dr. Ernest Acheampong. Key discussions were on the progress of the LandInfo Mobile App project majorly; the achievement gained so far, key challenges and lessons learned, measures taken to overcome challenges and next immediate planned activities. The meeting was held on 2nd February 2017 at Kilimo House, Nairobi, Kenya.

### 2.2.2 Consultation Meeting on Potential Opportunities for Collaboration between Harvard University and African Academic and Policy institutions

The meeting explored opportunities for strengthening collaboration between Harvard University and African academic and policy institutions. The focus was on finding ways of harnessing the vast intellectual, research and capacity building resources of Harvard University to aid in African educational, social and economic development. Dr. Nicholas Ozor attended the meeting and other lead discussants were Prof. Emmanuel Akyeampong, Director of the Centre for African Studies at Harvard University, and Ms. Obenewa Amponsah, Executive Director of the Harvard Africa Office located in Johannesburg, South Africa. The meeting was held on 8th February 2017 at Tara Suites, Gigiri, Nairobi.

### 2.2.3 Future Casting Workshop

Leaders from the public and private sector who refined their big ideas with community activists and think tanks at the above workshop. Participants voted for their top ten Ideas for Social Impact which the Rockefeller Foundation used for future programme development. The meeting was held on 9th February 2017 at Villa Rosa Kempinski Hotel, Nairobi, Kenya and it was attended by Dr. Ozor.

### 2.2.4 Meeting with Ms. Macben Makenzi, GIZ Project Advisor – East Africa Hub Sustainable Energy for Food – Powering Agriculture

Ms. Makenzi, GIZ Project Advisor on 14th February 2017 in Nairobi, Kenya held a meeting with Dr. Ozor. The purpose of the meeting was to discuss the forthcoming joint GIZ-Sustainable Energy for Food – Powering Agriculture program and FAO/REEEP mission that will be held in the country to collect various information pertaining to the Horticultural and Dairy val





ue chains in Kenya. More specifically they wished to engage the ATPS in discussions on various topics including:-

- To introduce the INVESTA project and the study “Cost-benefit analysis of clean energy technologies in the milk, vegetable and rice value-chains”;
- Development stage and outlook of clean energy technologies, cases where these technologies were successfully introduced and barriers that are still hindering investments and their market development;
- Main problems farmers in the vegetables sector are facing (and how these technologies could help);
- Uptake level of these technologies; barriers to and subsidies for investments in these technologies; barriers to access financing.

#### *2.2.5 Senior Policy Seminar XIX on “Industrialization in Africa”*

The African Economic Research Consortium (AERC) nineteenth Senior Policy Seminar (SPS XIX) held in Abidjan, Cote d'Ivoire from 13th -14th March 2017 in partnership with AfDB and UNU-WIDER. The conference theme was tagged ‘*Industrialization in Africa*’.

The exchange involved an intense two-day dialogue among senior policy makers, intellectual leaders, private sector actors, and civil society based on policy-oriented research conducted by AERC network members. The ultimate goal of the seminar was to promote policy based on rigor and evidence. Dr. Ozor attended the two-day seminar.

#### *2.2.6 Education Technology - Harnessing the Transformative Potential of Technology in Education*

Dr. Nicholas Ozor participated in this event which brought together individuals and organizations from the education, innovative design and technology backgrounds of people working in research, innovation, policy and practice sectors, to discuss on the importance of harnessing technology in education. Presentations and roundtable discussions tackled key research questions facing the education technology sector, and how it should be addressing such issues in a rapidly changing world, and applying the evidence practically. The event was held on 28th March 2017 in Nairobi, Kenya.

#### *2.2.7 Inception Conference on “Governing Inclusive Green Growth in Africa (GIGGA)”*

The ATPS was invited to the inception meeting organized by the University of Reading (United Kingdom), the Horn of Africa Regional Environment Centre and Network and the Ethiopian Development Research Institute (EDRI) from 30th -31st March 2017 in Addis Ababa, Ethiopia. Dr. Nicholas Ozor and Dr. Ernest Acheampong attended this inception meeting.

The two day conference brought together academics from four UK Universities and five countries in Africa and India, national and regional governmental institutions and departments, research institutions and policy think tanks from across Africa and NGOs and civil society organizations in Africa that

were interested in exploring how African countries can benefit from inclusive green growth and investments in sustainable technologies. The conference focused on ways to build a genuine interdisciplinary and international collaborative network that can develop a substantive research agenda on the governance of inclusive green growth in Africa.

#### *2.2.8 Developing R&D and Innovation Performance Assessment - Data Analysis and Reporting on Selected STI Indicators*

The ATPS was represented in this workshop by Dr. Ernest Acheampong. The workshop was held from 3rd -7th April 2017 and it aimed at developing R&D and Innovation Performance Assessment-Data Analysis and Reporting on Selected STI Indicators. The training workshop brought together participants from Science Granting Councils (SGCs) in South African countries to deliberate on research and development (R&D) and Innovation survey data, STI policy context, the link between policy and indicators, and R&D and Innovation assessment models. The workshop also involved completion of the Innovation Policy Comprehensiveness questionnaire by participants from representatives of all participating SGCs. The ATPS as a Collaborating Technical Agency (CTA) implementing objective four of the Science Granting Council Initiative (SGCI) – Strengthen partnerships between Science Granting Councils and other science system actors – was invited by NEPAD to contribute towards building the capabilities of SGCs to:-

- Understand possible ways of assessing the performance of their own R&D and Innovation ecosystems;
- Collect and store disaggregated datasets on R&D and Innovation relevant to national STI policies and strategies;
- Describe and process (analysis) datasets on R&D and Innovation at the institutional level; and
- Develop data analysis products (Reports and Policy Briefs) and use the same as advocacy tools for increased R&D investment by national governments

The ATPS contributed to providing a deeper understanding of the link between STI policy, STI policy instruments and R&D and Innovation indicators. Through this workshop participants gained understanding of the indicators and relevant disaggregated datasets for R&D and Innovation for their respective countries. By gaining this knowledge from the training, participants were now in a position to produce a draft R&D and Innovation assessment model (using STI policy, Legal Framework, Policy Instruments and Mixes as reference input material). The workshop was held at Bingu Wa Mutharika International Convention Centre, Lilongwe, Malawi

#### *2.2.9 Planning Meeting for the Agricultural Council of Kenya Segments-Based Consultations and Participation in the on-going Agricultural Sector Development Strategy (ASDS) Review*

The ATPS Finance & Administrative Assistant Mr. Dennis Wanyonyi, on 11th April 2017 attended the planning meeting at Sarova Panafric Hotel, Nairobi, Kenya. The objectives of the meeting were:-

- To develop strategies for successful issue based engagements through targeted and focused Agricultural Product





Value Chain (APVC) Segment-Based Consultations; and

- To identify entry points and the Agricultural Council of Kenya (key messages in the on-going ASDS review.

During the meeting key issues regarding how consultations should be organized and coordinated in the agriculture sector in Kenya was discussed. The meeting also appointed segment leaders to spearhead subsequent APVC Segment based consultations.

#### *2.2.10 International Debate on the Issue of Empowerment of Africa*

The International Debate on Empowerment in Africa was held on 15th May 2017 in Rabat, Morocco. ATPS was represented by Dr. Nicholas Ozor and the aim of the meeting was to deliver a fresh perspective on issues and challenges facing Africa's overall development process and explore the best innovative policies supposed to foster continents hike towards shaping a better future. The meeting brought together a panel of senior experts from key African think tanks.

#### *2.2.11 Joint Science Granting Councils Initiative (SGCI) Meeting on STISA 2024 and the African Science, Technology and Innovation Indicators (ASTII) Initiative Continental Validation Workshop*

Dr. Ernest Acheampong represented the ATPS at the regional workshop organized by NEPAD in collaboration with the SGCI and the African Science, Technology and Innovation Indicators Initiative (ASTII) and hosted by the National Commission on Research, Science and Technology (NCRST) from 24th-26th May 2017 in Windhoek, Namibia. The meeting explored the science, technology and innovation strategy for Africa (STISA) 2024 implementation guide and the need for a set of indicators to track the performance of the continental strategy in the context of Agenda 2063, which is themed 'The Africa we want'. The ATPS as Collaborating Technical Agency (CTA) implementing objective four of the SGCI – Strengthen partnerships between Science Granting Councils and other science system actors – was invited by NEPAD to contribute to building the capacity of SGCs to collect and analyse and use some core science, technology and innovation related data in order to track the progress of existing policies' implementation, research projects and programmes, and also to inform policy formulation.

The regional training workshop provided a deeper understanding on aligning the SGCI and the ASTII programmes to the Strategy for Science, Technology and Innovation 2024 (STISA 2024). The national R&D and innovation data obtained during the ASTII national surveys were validated and the roadmap to the 3rd African innovation outlook was presented for which the ATPS will participate in preparing the report.

The ATPS has become a strong partner with NEPAD in the implementation of objective 2 of the SGCI, which is to design and monitor research programmes based on the use of robust science, technology and innovation (STI) indicators.

#### *2.2.12 Solar Radiation Management Governance Initiative Workshop*

The ATPS in partnership with the African Academy of Sciences, Stockholm Environment Institute and African Centre for Technology studies organized an introductory Solar Radiation Management Governance Initiative workshop. The objectives of the workshop were to broaden the discussion in developing countries so that they can contribute to the ongoing discussion on Solar Radiation Management. The workshop was held on 6th June 2017 at the Hilton Hotel, Nairobi, Kenya.

#### *2.2.13 International Panel of Experts for the Belmont Forum-NORFACE Transformations to Sustainability (T2S) Programme*

Dr. Nicholas Ozor participated in the International Panel of Experts for the Belmont Forum-NORFACE Transformations to Sustainability Programme. The objectives of the initiative were:-

- To develop understanding of and promote research on transformations to sustainability which are of significant social, economic and policy concern throughout the world and of great relevance to both academics and stakeholders.
- To build capacity, overcome fragmentation and have a lasting impact on both society and the research landscape by cultivating durable research collaboration across multiple borders, disciplinary boundaries, and with practitioners and societal partners. This includes facilitating the development of new research collaboration with parts of the world that are not often involved in large-scale international research efforts, notably low- and middle-income countries.

The Co-production of knowledge and research problem formulation was considered to be critical to the process of societal transformation and therefore plays a prominent role in the call for proposals. The workshop was held from 12th -13th June, 2017 at National Science Foundation Headquarters, Arlington, Virginia-USA.

#### *2.2.14 The Africa/UK Forum: The Human and Social Dimensions of Innovation and Development*

Dr. Ernest Acheampong attended the three-day intensive event which took place at the Lancaster University, UK from 10th -13th July 2017. It was a collaborative discussion and networking event that brought together academia, business, government and civil society sectors from both African and UK institutions to forge relationships in advance of the follow up event in Africa in 2018; connect and to consolidate networks and develop research themes and potential projects, particularly in relation to arts, humanities and social science perspectives, targeting funding from the UK's new Global Challenge Research Funding (GCRF).

#### *2.2.15 Southern Voices Network for Peacebuilding 2017 Annual Conference*

The Southern Voices Network for Peacebuilding Conference was held from the 10th - 13th July 2017 at the Wilson Center, Washington, DC, USA. The theme of the conference was "Peace building in Africa: What works". The conference, organized by



Mr. Frederick Owino from the County Directorate of Agriculture Nakuru County, Kenya welcomes participants to the LandInfo mobile app training workshop.

the African Program of the Center brought together key policy and research institutions from the African continent to provide an avenue for African voices to inform the US policy dialogue around peace building and state building in Africa. In attendance were representatives from 12 member organizations within the network who for the 4 days underwent training, planning and networking session. They also had the opportunity to meet with selected US policymakers working in US Africa relations. Dr. Nicholas Ozor attended the conference.

#### *2.2.16 Need Finding Workshop on Exploring Ways for SGCs to Advocate for Increased Research and Development (R&D) Investment Levels*

Mr. Hilary Ragen represented ATPS at the Need Finding Workshop on Exploring Ways for SGCs to advocate for increased Research and Development Investment. The rationale of the workshop was:-

- To strengthen the abilities of participating Science Granting Councils (SGCs) to design and monitor research programs, and formulate and implement policies based on the use of robust science, technology and innovation (STI) indicators.
- To train delegates from participating SGCs on the design and implementation of Need finding processes to identify the missing factor(s) in advocating for increased levels of Research and Development (R&D) investments.

The workshop provided an opportunity to understand the different needs of the participating SGCs in terms of alignment of STI policy objectives with the respective national development targets and priority areas. The ATPS ought to enhance the capacity of policy makers and users to promote synergies

among the different sectoral policies and the STI policies. The workshop was held from 12th -14th July 2017 in Maputo, Mozambique.

#### *2.2.17 Consultative Meeting and Monitoring and Evaluation (M&E) Sensitization by KeFAAS, Kilimo House,*

Ms. Sharon Anyango, the ATPS Communications and Outreach Assistant attended the Consultative meeting on the importance of M&E. The meeting was held on 14th July, 2017 at Kilimo House. A presentation on “*Technical backstopping on use of M&E tools*” was presented since majority of the organizations are involved in implementing various projects. KeFAAS also announced that it was still recruiting more members to join its network in a bid to bring vibrancy.

#### *2.2.18 NEPAD- Science Granting Councils Initiative (SGCI) Workshop on STI-Policy Instruments Mapping for Harnessing and Aligning Variant STI Opportunities*

ATPS was represented by Mr. Hillary Ragen in the NEPAD-SGCI workshop held from 25th -28th July 2017 in Harare, Zimbabwe. The workshop focused more on strengthening the capacity of beneficiary institutions to align their respective STI policy instruments to exploit the different STI opportunities in their countries. The 3 day STI policy mapping workshop for Science Granting Councils (SGCs) was to unpack the complexities in the relationships among different policy instruments and the need for reducing ambiguities as well as promote cohesions in policy implementations. The delegates were trained to:-

- Understand the impact of STI policy mix interactions on national strategic goals and priorities.





ATPS Executive Director, Dr. Nicholas Ozor addresses the audience during the Solar Radiation Management Initiative Workshop at Hilton Hotel, Nairobi, Kenya.

- Identify and align all STI policy instruments to their national strategic goals.
- Implement different STI operational strategies and policy guidelines to achieve the national STI priorities.
- Coordinate and integrate processes of promoting synergies between the different national STI stakeholders and sectors.

The workshop presented an opportunity to understand the different national innovation systems of the participating SGCs and how the policy mixes and instruments influence their different contexts. The ATPS should therefore promote the development of context specific STI policies in the different African countries that support their innovation systems.

#### *2.2.19 5th Annual-Africa Food Security Conference & Agri-Exhibition (AFSC 2017)*

The ATPS was represented to food security conference by Mr. Alfred Nyambane, the conference was held from 27th -28th September 2017 at Royal Orchid Azure, Nairobi and the theme of the conference was closing the “productivity Gap” in African Food Security. This annual flagship event was also to showcase solutions that will close the productivity gap as a stride towards alleviating food insecurity on the continent. Mr. Nyambane made a presentation on “Closing Agricultural Productivity Gap through Technology Transfer Systems” which was well received.

#### *2.2.20 2017 Sustainable Development Transition Forum - SDG Mainstreaming and Means of Implementation: A Retrospective and Prospective View*

Dr. Ernest Acheampong represented the ATPS at the United Nations Office of Sustainable Development (UNOSD) conference on “Sustainable Development Transition Forum (SDTF) on Sustainable Development Goals (SDGs) Mainstreaming and Means of Implementation: A Retrospective and Prospective View”. The conference was held from 30th -1st November 2017, Incheon, Republic of Korea.

#### *2.2.21 Creating an African Transdisciplinary Research (TDR) Network, Stellenbosch, South Africa*

Dr. Nicholas Ozor was invited to participate in the creation of Transdisciplinary Research (TDR) Network in Africa. The event took place in Stellenbosch, South Africa at the Sustainability Institute from the 29th November – 1st December 2017. The workshop brought together experts from across Africa and beyond to share perspectives, experiences and ideas and to identify opportunities and actions to formally create an African TDR Network. The event was organized by START and hosted by Centre for Complex Systems in Transition of Stellenbosch University. The meeting aimed to develop a broad shared framework of TD that the network can use and adapt over time; produce shared working definition for TD; create a collective vision for the network; define priority areas for short, medium, and long-term; determine next steps; discuss funding opportunities on the horizon; contribute to developing thought leaders for Africa; share experiences and learnings with actual TDR work within the network among others.

### **2.3 ATPS National Chapter Activities and Focal Points**

The ATPS National Chapters remain very instrumental to the success and implementation of ATPS activities. We introduced a column in our quarterly Technopolicy Africa Newsletter where the National Chapter Coordinators can write an article on STI activities taking place in their respective countries. This is an initiative that will ensure National Chapters Coordinators remain active towards ATPS activities.

Other activities under this objective including the ongoing support to the ATPS National Chapters and efforts to launch new chapters are under implementation and will continue throughout the year.



## Objective 3.0: Youth and Gender Empowerment



ATPS Communications and Outreach Officer Ms. Sharon Anyango (right), Mr. John Tomaszewski (IRI), Ms. Alison DeSchryver (NDI) and Ms. Elizabeth Ramey (Wilson Center) engage with the audience on the Role of Media in Promoting Peace during Elections: Lessons from Kenya.

### 3.1 ATPS Youth Internships

As a mandate of the ATPS to build the capacity of the youth through the ATPS graduate internship program, ATPS recruited Mr. Alfred Nyambane as Research Assistant Intern to build his research skills and support the Research Team at the ATPS.

### 3.2 Fellowship program

The ATPS had the privileged to send two staff namely Ms. Sharon Anyango and Mr. Hillary Ragen on a fellowship program at the Southern Voices Network for Peacebuilding Fellowship Program (SVNP), US and Commonwealth Professional Fellowship at the Lancaster University, United Kingdom respectively.

#### 3.2.1 Southern Voices Network for Peacebuilding Fellowship Program (SVNP), 6th February – 28th April 2017

Ms. Sharon Anyango participated in the three month fellowship program at the Wilson Centre. Her Research was on, “The role of media in promoting peace during elections in Africa: Lessons from Kenya”. The outputs of her research work are available online at: <https://www.wilsoncenter.org/publication/the-media-and-election-related-violence-africa-lessons-kenya>. She also discussed insights about her project at the Voice of America (VOA)- <https://www.wilsoncenter.org/article/svnp-scholar-sharon-anyango-discusses-the-upcoming-2017-kenyan-elections-voa>

#### 3.2.2 Commonwealth Professional Fellowship at the Lancaster University; Lancaster Environment Centre, 4th April - 27th May, 2017

Mr. Hilary Ragen was nominated for the fellowship programme at Lancaster University, Lancaster Environment Centre. The programme’s main objectives were professional capacity development in managing strategic partnerships and bridging the gaps between academia, industry, government and civil societies in the areas of environmental management.

The fellowship programme focused on Lancaster University’s track record in eco-innovation, specifically, their work with small and medium enterprise (SMEs) to develop products, processes and services with socio-economic impact while simultaneously reducing environmental impact and improving the efficient and responsible use of resources.

The fellowship provided exposure to the different models and methods available that can be used to enhance and sustain academia and industry collaboration for socio-economic impact. The ATPS as knowledge brokerage institution will benefit greatly from the insight and experiences to strengthen industry and academia linkages especially through policy.



## Objective 4.0: Training and Sensitization



Mr. Alfred Nyambane, ATPS Research Assistant guides farmers and extension agents from Nakuru County, Kenya on how to use the LandInfo app in the farm.

### 4.1 Staff Training

The ATPS staff members continue to benefit from staff capacity building activities. Training needs for staff are identified by their Line Managers and during this reporting period the following staff attended training as indicated below:-

#### 4.1.1 The Forum for Agricultural Advisory Services – Kenya (KeFAAS) Institutional Capacity Strengthening Training, 9th - 10th February, 2017

Mr. Hilary Ragen represented the ATPS at the KeFAAS Institutional Capacity Strengthening Training workshop geared towards enhancing skills and knowledge on issues and practices in the delivery of agricultural advisory services.

#### 4.1.2 Evolution & Pastel Partner 11 training at the IQ Plus, 18th – 31st April 2017

The ATPS Finance Assistant Ms. Rachel Nzambi attended a refresher course on Evolution & Pastel Partner 11 training at the IQ Plus offices.





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



A cross-sectional view of the new ATPS website (Homepage).

## 5.1 Publications

### 5.1.1 Publication of the ATPS Newsletter

The ATPS published the following quarterly Editions of the Technopolicy Newsletters; - Edition 8 (January - March); Edition 9 (April - June) and Edition 10 (July - September) and Edition 10 (October-December) which have been widely circulated to the ATPS Stakeholders. The Newsletter is also available on the ATPS website for easy access by all members and the general public.

### 5.1.2 Publication of the Annual Report

The Annual Report for the period 01 January 2015 to 31 December 2015 was published and uploaded on the ATPS website. The report presents a summary of ATPS's efforts in Science Technology and Innovation capacity building as well as the financial position of the organization for the period.

### 5.1.3 Other Publications

1. Ozor, N. and Nour Samia (Contributors) (2017) Africa Capacity Report 2017 – Building Capacity in Science, Technology and Innovation for Africa's Transformation. A publication of the African Capacity Building Foundation (ACBF). Harare, Zimbabwe. Available online at: <http://elibrary.acbf.org/acbf/collect/acbf/index/assoc/HASH417f.dir/doc.pdf>

2. Ockwell David, Rob Byrne, Kevin Urama, Nicholas Ozor, Edith Kirumba, Adrian Ely, Sarah Becker and Lorenz Gollwitzer (2017) Debunking free market myths: Transforming pro-poor, sustainable energy access for climate compatible development, In: Fiona Nunan (Ed.) Making Climate Compatible Development Happen: 130-150. Routledge Publishers, London and New York. Available online at: <https://www.routledge.com/Making-Climate-Compatible-Development-Happen/Nunan/p/book/9781315621579>

3. Ephraim Sekyi-Annan, Ernest Nti Acheampong, and Nicholas Ozor (2017) Modeling the impact of climate variability on crops in sub-Saharan Africa. In: Mukhtar Ahmed, Claudio O. Stockle (EDs), Quantification of Climate Variability, Adaptation and Mitigation for Agricultural Sustainability; Pages 39-70. Springer International Publisher, Switzerland. Available online at: [https://books.google.co.ke/books?id=HG\\_\\_DAAAQBAJ&pg=PA39&lpg=PA39&dq=nicholas+ozor&source=bl&ots=BxjiWP2DDQ&sig=RMpaf6cslD8EbgWfmiHjzwlhVu0&hl=en&sa=X&redir\\_esc=y#v=onepage&q=nicholas%20ozor&f=false](https://books.google.co.ke/books?id=HG__DAAAQBAJ&pg=PA39&lpg=PA39&dq=nicholas+ozor&source=bl&ots=BxjiWP2DDQ&sig=RMpaf6cslD8EbgWfmiHjzwlhVu0&hl=en&sa=X&redir_esc=y#v=onepage&q=nicholas%20ozor&f=false)

## 5.3 ATPS Phase VIII Strategic Plan 2017-2022

The ATPS Phase VIII Strategic Plan 2017 – 2022 was launched in September 2017. The new Plan focuses on five thematic areas of focus namely: Agriculture, food and nutrition; Energy; Climate Change and environmental management, and Health innovations. The programmatic priorities which cut across the thematic areas of focus are: STI policy research, policymaking and advocacy; Training, sensitization and capacity building; Youth and gender empowerment; Knowledge brokerage, management and commercialization; and Intra-Africa and global collaborations and partnerships.

## 5.4 ATPS Website

The ATPS has revamped its website. It is now more robust and user friendly and will aid in increasing continuous conversation between ATPS and its board members, National Chapter Coordinators, ATPS members, Donors, Stakeholders and the public at large. The website has managed to attract higher numbers of viewers from Kenya, United States, Nigeria, India, South Africa, United Kingdom, China, Egypt, Ghana, Philippines among others with a monthly viewership of 573 a month. As at now the percentage of viewership stands at 68.2% for new visitors and 31.8% for returning visitors





## Objective 6.0: Monitoring and Evaluation



*Dr. Nicholas Ozor, ATPS Executive Director presents a certificate to Mr. Chuma Ikenze to confirm his appointment as the Chair of ATPS Board of Directors.*

### 6.1 Audit

The ATPS audit for the years 2014 and 2015 were carried out in accordance to the International Standards of Auditing by the newly recruited auditors, Zacky & Associates. The audit included examining evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made and evaluating the overall financial statement presentation. In their opinion, the independent auditors found that the financial statements for the years 2014 and 2015 reflected a true and fair view of the state of affairs of the organization. The report also noted that ATPS abided by Kenyan law during the reporting period. A comprehensive final report was submitted to the ATPS Management.

### 6.2 Board Meetings

The ATPS Board Meeting was convened on 12th September 2017 in Nairobi, Kenya. Mr. Chuma Ikenze was appointed as the Chair of the ATPS Board after the resignation of former Board Chair Prof. Shaukat Ali Abdulrazak.

### 6.3 Appointment of New ATPS Board Members

A decision was made during the board meeting to increase the number of directors from five to eleven persons. The aim

is to expand ATPS's core interest and expertise of board members who by charter are mandated to guide and set policies for the ATPS. Three new members joined the board namely; Dr. Catherine Adeya, Prof. Crispus Makau Kiamba and Mr. Ralph Richard von Kaufmann. Their appointments were based on their long-standing experiences and contributions to the development of Africa and science, technology and innovation in particular. Other candidates are still being considered to be invited to the Board.

## 7.0 CHALLENGES

### 7.1 Securing Core Funding

One of the major challenges still facing ATPS is securing of core funding for the implementation of ATPS activities. Efforts have been made through signing new partnerships, collaborative engagements and renewal of inactive partnerships to raise funds for the implementation of ATPS activities.



## Objective 7.0: Conclusion



*Various stakeholders came together in Nairobi, Kenya for the launch of a regional project, "Bridging Climate Information Gaps to Strengthen Capacities for Climate Informed Decision-making."*

The year 2017 witnessed the successful launching of the ATPS Phase VIII Strategic Plan, (2017-2022), which is in line with the Science, Technology and Innovation Strategy for Africa (STISA-2024), and the global Sustainable Development Goals (SDGs). The ATPS has identified four thematic/priority areas in its Strategic Plan which include: Agriculture, Food and Nutrition; Energy; Climate Change and Environmental Management and Health innovations. The strategic objectives will focus on STI policy research, policymaking and advocacy; Training, sensitization and capacity building; Youth and gender empowerment; Knowledge brokerage, management and commercialization and, intra- Africa and global collaborations and partnerships. Copies of the new Strategic Plan are available in print and also online on the ATPS website. The document will enhance fundraising for the implementation of ATPS activities having been a product of wide consultation with the ATPS stakeholders.

The ATPS also received grants to implement activities and programmes. Some of them include: the project on "Bridging Climate Information Gaps to Strengthen Capabilities for Climate Informed Decision Making" which falls under the thematic area of Climate Change and Environmental Management and is funded by the African Development Bank from 2017-2019. Another project aimed at Networking Africa's Science Granting Councils is funded by IDRC, DFID and NRF South Africa from 2017-2020. Under this project, the ATPS successfully or-

Annual Forum in Livingstone, Zambia from 22-23 November 2017. The SGCI theme on networking Africa's SGCs aims to support research and evidence-based policies that contributes to economic and social development on the continent.

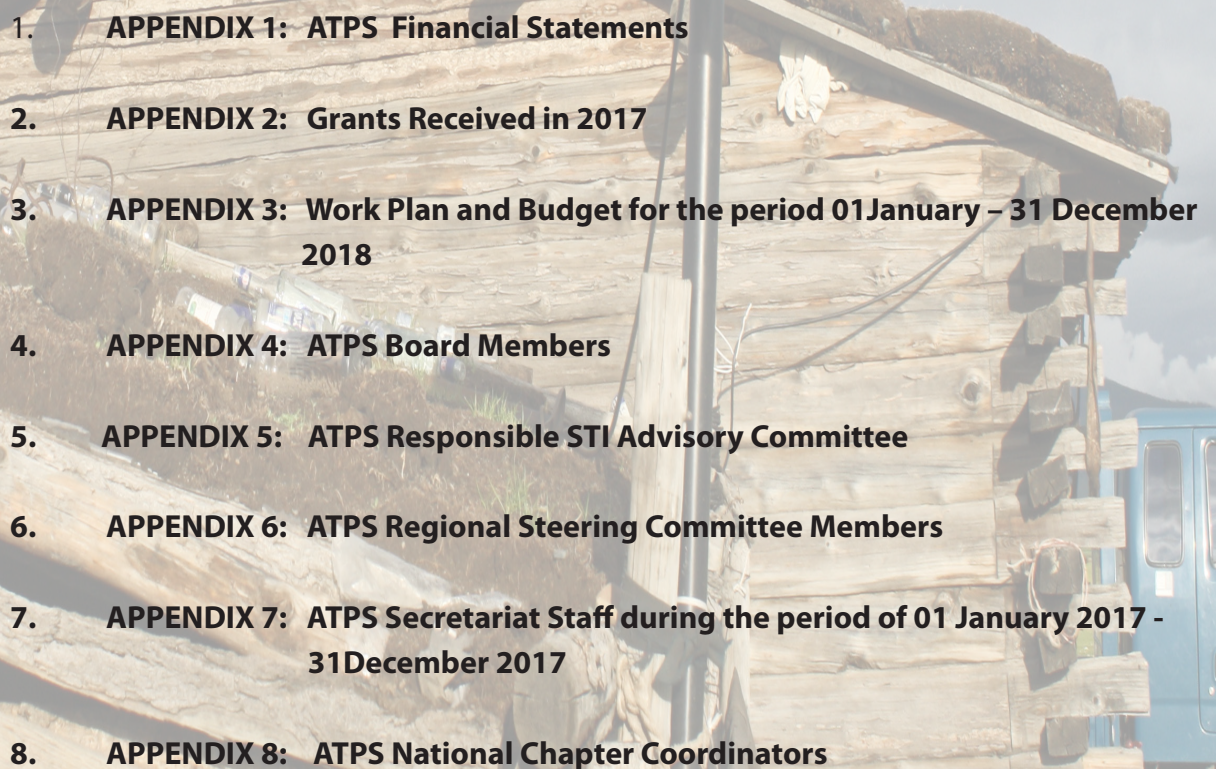
In a bid to ensure accountability of the money received from donors; ATPS engaged auditors to audit its financial statements for the year 2014 and 2015. This is a clear demonstration that ATPS is committed to ensure effective use of all finances granted to the ATPS for the implementation of its activities.

The ATPS's major challenge still remains securing core funding to sustain the implementation of its activities for a longer term. Nevertheless, the Secretariat has intensified efforts to secure funds for the implementation of ATPS activities through new partnerships, collaborative engagements and renewal of inactive partnerships. Additionally, several proposals were developed by the Secretariat team and submitted to raise funds for the implementation of ATPS activities. The ATPS invites all its supporters, donors, regional and national governments, private sector actors and development partners to support the implementation of its activities through core funds, programmatic funds and endowment funds.





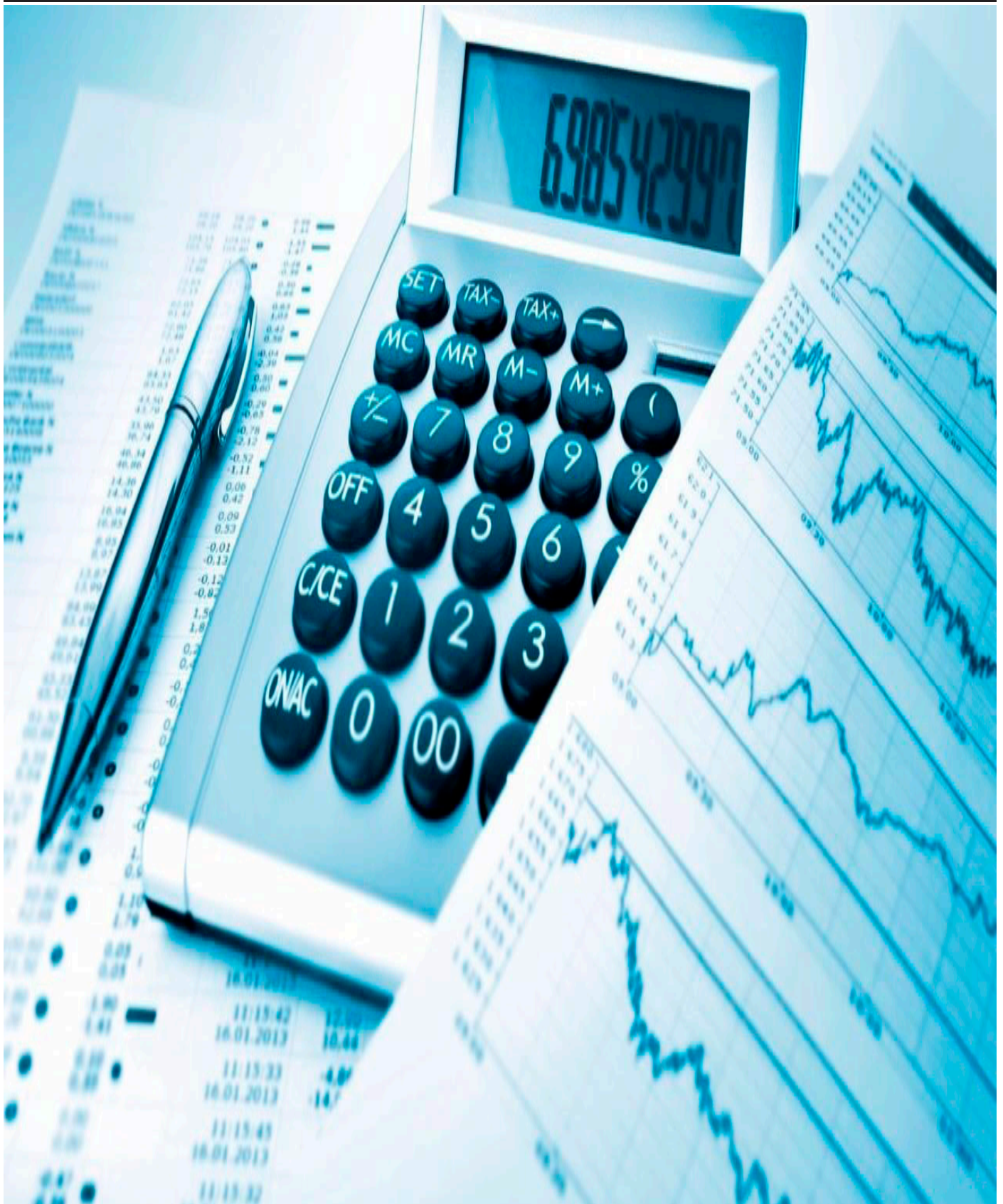
## Science, Technology and Innovation for African Development

1. **APPENDIX 1: ATPS Financial Statements**
  2. **APPENDIX 2: Grants Received in 2017**
  3. **APPENDIX 3: Work Plan and Budget for the period 01 January – 31 December 2018**
  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 2017 - 31 December 2017**
  8. **APPENDIX 8: ATPS National Chapter Coordinators**
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## Appendix 1.0: ATPS Financial Statements







## APPENDIX 1.0: Financial Statements (Unaudited)

AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS)

PAGE 2

STATEMENT OF COMPREHENSIVE INCOME  
FOR THE YEAR ENDED 31 DECEMBER 2017

	2017 <u>US\$</u>	2016 <u>US\$</u>
<u>INCOME:</u>	341,024	310,928
<u>EXPENDITURE :</u>		
Project expenditure	327,539	273,454
	327,539	273,454
Finance (charge)/income		
<u>TOTAL EXPENDITURE</u>	<u>327,539</u>	<u>273,454</u>
 (DEFICIT)/ SURPLUS FOR THE YEAR	 <u>13,485</u>	 <u>37,474</u>

## APPENDIX 1.0: Financial Statements (Unaudited)

AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS)

PAGE 3

### STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2017

	Notes	2017 US\$	2016 US\$
<b><u>NON-CURRENT ASSETS</u></b>			
Motor vehicles and equipment		10,372	13,829
Intangible assets		1,806	2,064
		<u>12,178</u>	<u>15,893</u>
<b><u>CURRENT ASSETS</u></b>			
Grants receivable		-	-
Other Receivables		24,287	23,773
Bank and cash balances		55,850	40,694
		<u>80,137</u>	<u>64,467</u>
<b>TOTAL ASSETS</b>		<u>92,315</u>	<u>80,360</u>
<b>FUNDS AND LIABILITIES</b>			
General fund		(16,659)	(30,144)
<b><u>CURRENT LIABILITIES</u></b>			
Unexpended grants		-	-
Payables and accruals		108,974	110,504
		<u>108,974</u>	<u>110,504</u>
<b>TOTAL LIABILITIES</b>		<u>92,315</u>	<u>80,360</u>

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

  
EXECUTIVE DIRECTOR

  
DIRECTOR





## APPENDIX 1.0: Financial Statements (Unaudited)

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AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS)

PAGE 4

STATEMENT OF CHANGES IN EQUITY  
FOR THE YEAR ENDED 31 DECEMBER 2017

	<b>General Fund</b> <b><u>US\$</u></b>
As at 1 January 2017	(30,144)
Surplus for the year	13,485
Accumulated deficit at 31 December 2017	<u>(16,659)</u>



## APPENDIX 1.0: Financial Statements (Unaudited)

AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS)

PAGE 5

### CASHFLOW STATEMENT FOR THE YEAR ENDED 31 DECEMBER 2017

	2017	2016
	US\$	US\$
<b>OPERATING ACTIVITIES</b>		
(Deficit)/surplus for the year	13,498	37,474
<u>Adjustments for:</u>		
Depreciation	3,457	7,324
Loss on disposal of equipment	258	1,474
Amortisation		
Operating surplus before working capital changes	17,213	46,272
Decrease/(Increase) in grants receivables	17,516	22,944
Decrease/(Increase) in other receivables	(6,300)	(1,689)
(Decrease )/increase in unexpended grants	(10,350)	(22,803)
(Decrease)/Increase in payables and accruals	(29,200)	(17,964)
Cash inflow from operating activities	(11,121)	26,760
<b>INVESTING ACTIVITIES</b>		
Purchase of furniture and equipments	(6,930)	(568)
Purchase of intangible assets		
Disposal Proceeds		-
Cash used in investing activities	(6,930)	(568)
(DECREASE)/INCREASE IN CASH AND CASH EQUIVALENTS	21,404	26,192
CASH AND CASH EQUIVALENT AT 01 JANUARY	33,446	14,502
CASH AND CASH EQUIVALENTS AT 31 DECEMBER	54,850	40,694
<b><u>REPRESENTED BY:</u></b>		
Bank and cash balances	55,850	40,694





## Appendix 2.0: Grants Received in 2017

S/N	Title of Grant	Donor	Amount
1.	Networking Africa's Science Granting Councils	International Development Research Centre (IDRC), National Research Foundation, & Department For International Development (DFDI)	US\$ 696,180.00
2.	Bridging Climate Information Gaps to Strengthen Capacity for Climate Informed Decision- Making.	African Development Bank (AfDB)	Euro 399,360
3.	Capacity Building for extension agents and contact farmers on the use of the LandInfo mobile app to improve agricultural productivity, climate change resilience and land-use.	African Forum for Agricultural Advisory Services (AFAAS)	US\$15,000



## Appendix 3.0: Work Plan and Budget for the Period 01 January 2018 - 31 December 2018







Strategic Objectives	Outcomes	Planned Activities	Expected time Frame	BUDGET					
				IDRC-SGCSSA US\$	AFDB (EUR)	JOOUST US\$	Lancaster University RECIRCULATE project	Lancaster University Air Pollution in Emerging Mega Cities	Governing Inclusive Green Growth in Africa (GIGGA) Project (GBP)
<b>1. STI policy research, policymaking and advocacy</b>									
<b>A1. Under-take STI policy research and capacity building in selected sectors to generate evidence-based knowledge for policy and decision-making</b>	1. Journal articles finalized and sent out for publication	A.1.1 Finalization and submission of journal articles for publication	January 2018 to February 2018	100					
<b>A2. Influence policies and policymaking at various levels</b>	1. ICE Platform	A.2.1 Development of the ICE menus/ platforms	Feb 2018 to March 2018		28,876				
<b>2: Training, sensitization and capacity building</b>									
<b>B1 Develop series of STI training manuals</b>	1. 6 training modules	B.1.1 Development of training modules for climate scientists and policymakers	Feb 2018 to March 2018		28,267				
<b>B2 Under-take training, sensitization and capacity building for relevant stakeholders on STI related issues</b>	1.Participants' list 2. Visa letters 3. Invitation letters 4. Flight tickets 5. Accommodation	B.2.1 Organize 3-day Regional climate change dialogue and training workshop for policymakers and scientists	March 2018 to June 2018		58,630				
	1. Proceedings report 2. Policy briefs	B.2.2 Development of the policy briefs and proceedings report-from Regional Workshop			9,700				
	1. Participants' lists 2. Flight tickets 3. Accommodation 4. Proceedings reports	B.2.3 Training of Trainers (TOT) of agricultural extension agents and contact farmers on LandInfo app use (Nigeria, Malawi, Cameroon and Tunisia			47,882				



## APPENDIX 3.0: Work Plan and Budget for the period 01 January 2018- 31 December 2018

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				IDRC-SGCSSA US\$	AFDB (EUR)	JOUST US\$	Lancaster University RECIRCULATE project	Lancaster University Air Pollution in Emerging Mega Cities	Governing Inclusive Green Growth in Africa (GIGGA) Project (GBP)
	1. Case study reports 2. Workshop reports	B.2.4 Conduct case studies through focus group discussion and dissemination workshops in Nigeria and Kenya			30,890				
	3. 2 Journal papers and 4. Policy Briefs	B.2.5 Synthesis of the adaptation planning reports and its integration into the robust Climate Adaptation Toolkit			11,300				
	1. Synthesis reports 2. A generic Climate Adaptation Toolkit	B.2.6 Management of the ICE platform			18,777				
	1. ICE platform running 1. Visa letters 2. Invitation letters 3. Tickets 4. Participants lists Minutes	B.2.7 Organize regular Project Steering Committee Meetings physically and virtually			3,636				
	1. Procurement plans 2. Invoices Receipts etc.	B.2.8 Implement procurement and financial transactions for project implementation			13,225				
	1. Progress reports Financial reports	B.2.9 Prepare progress and quarterly reports for monitoring and evaluation			9,206				
	1. Tickets 2. Accommodation Project presentation	B.2.10 Project Presentation in Abidjan, Cote D'Ivoire			3,080				





### APPENDIX 3.0: Work Plan and Budget for the period 01 January 2018 - 31 December 2018

Strategic Objectives	Outcomes	Planned Activities	Expected time Frame	BUDGET					
				IDRC-SGCSSA US\$	AFDB (EUR)	JOOUST US\$	Lancaster University RECIRCULATE project	Lancaster University Air Pollution in Emerging Mega Cities	Governing Inclusive Green Growth in Africa (GIGGA) Project (GBP)
<b>B3 Examine Existing policies, regulations and institutions with a view to propose policy recommendations for improving the adoption and diffusion of clean cooking solutions</b>	1. Policy brief 2. Journal Published	B.3.1 Publication of Policy brief  B.3.2 Publication of research journal				19,200			
<b>3: Youth and Gender Empowerment</b>									
<b>C.1 Promote the African Youth Forum for Science and Technology (AYFST) and the African Women Forum for Science and Technology (AWFST) programmes</b>	1. Increased youth and women participation in STI with improved capacity to undertake research, policy and practice for sustainable development 2. Increased opportunity for knowledge sharing, networking and collaboration among African youth and women 3. Increased ability of African youth and women to innovate and solve societal challenges	C.1.1 Mobilize youth and women and empower them to harness opportunities in agriculture, energy, environment and health for development C.1.2 Support regional knowledge sharing and cooperation among youth and women C.1.3 Provide targeted training and capacity building programmes in specialized STI areas C.1.4 Offer fellowships, internships and mentoring services C.1.5 Reward and celebrate African youth and women inventors and innovators	Ongoing through the year						
<b>C.2 Support African youth and women in</b>	1. Production of quality STEM graduates to	C.2.1 Offer a number of scholarships annually to African youth	Ongoing through the year						



# APPENDIX 3.0: Work Plan and Budget for the period 01 January 2018 - 31 December 2018

Strategic Objectives	Outcomes	Planned Activities	Expected time Frame	BUDGET					
				IDRC-SGCSSA US\$	AFDB (EUR)	JOUST US\$	Lancaster University RECIRCULATE project	Lancaster University Air Pollution in Emerging Mega Cities	Governing Inclusive Green Growth in Africa (GIGGA) Project (GBP)
science, technology, engineering and mathematics (STEM) education, research and investment	support industrial growth 2. More jobs created to absorb young graduates 3. Increased capacity to manage businesses	and women in STEM education and research C.2.2 Offer supports to youth and women with innovative ideas to start up business ventures C.2.3 Provide supports for innovation incubation programmes and links to venture capital							
<b>4: Knowledge brokerage, management and commercialization</b>									
<b>D.1 Create platforms to increase and strengthen collaboration and networking between and among STI actors for development</b>	1. Increasingly networked science system actors that could translate STI knowledge into products and services 2. Opportunities for the creation of more jobs and wealth on the continent	D.1.1 Organize annual stakeholders' meetings, roundtables, fora and dialogue on topical STI issues of national and regional interests D.2.2 Develop innovation incubation and start-up programmes in the selected sectors including agriculture, energy, environment and health	Ongoing through the year					26,800	
<b>D.2 Produce knowledge products to enhance knowledge sharing among actors</b>	1. Well-informed African society that is capable of utilizing new knowledge products to better their living conditions	D.2.1 Publication and dissemination knowledge products such as journal articles, policy briefs, research papers, working papers, issue papers and newspapers customized to the different stakeholder categories D.2.2 Training on how to produce quality STI knowledge products							





Strategic Objectives	Outcomes	Planned Activities	Expected time Frame	BUDGET					
				IDRC-SGCSSA US\$	AFDB (EUR)	JOOUST US\$	Lancaster University RECIRCULATE project	Lancaster University Air Pollution in Emerging Mega Cities	Governing Inclusive Green Growth in Africa (GIGGA) Project (GBP)
<b>D.3 Offer technology cooperation services between international investors and Africa countries and institutions</b>	1. A mutually beneficial technical cooperation between African countries and international investors	D.3.1 Undertake scoping studies on specific client needs to inform investment decisions D.3.2 Facilitate bilateral agreements for technology transfer and cooperation between African countries and international investors D.3.3 Conduct trainings for personnel working in the interface of technology management							
<b>5: Intra-Africa and Global Collaboration and Partnerships</b>									
<b>E.1 Revitalize the ATPS national chapters in 27 African countries and 3 diaspora chapters to effectively promote STI research, policy and practice in their respective countries</b>	1. Increased visibility and impacts of the ATPS at the national, regional and continental levels 2. Better engagement of the national chapters that will lead to more meaningful impacts at various levels	E.1.1 Secure core funding supports from development partners to support the ATPS National Chapters E.1.2 Continually engage the ATPS National Chapters in the programmes of the ATPS and in forums at national, regional and continental levels							
<b>E.2 Mobilize financial resources to promote STI development in Africa</b>	1.Improved well-being of the African people through development interventions and supports 2.Increased partnerships and collaboration between and among like-minded institutions.	E.2.1 Partner and collaborate with like-minded institutions and organizations in Africa and beyond to raise funds to implement programmes on STI development with particular interest in agriculture, food and nutrition							



## APPENDIX 3.0: Work Plan and Budget for the period 01 January 2018- 31 December 2018

Strategic Objectives	Outcomes	Planned Activities	Expected time Frame	BUDGET					
				IDRC-SGCSSA US\$	AFDB (EUR)	JOUST US\$	Lancaster University RECIRCULATE project	Lancaster University Air Pollution in Emerging Mega Cities	Governing Inclusive Green Growth in Africa (GIGGA) Project (GBP)
		security; energy; environment and climate change; and health innovations E.2.2 Sign partnership agreements, and MOUs to promote partnerships and collaborations with other institutions							
<b>E.3 SGCI Masterclass papers</b>	1. Draft journal article 2. Draft policy brief 3. 2017 AF Proceedings report Final Masterclass paper	E.3.1 Submission of reports from the 2017 Masterclass paper and Annual Forum (AF)	January 2018 to February 2018						
	1. Confirmed theme and venue for 2018 ARM and AF	E.3.2 Confirmation of the Theme and venue for the 2018 Annual Regional Meeting (ARM) and AF	January 2018 to February 2018						
	1. Journal article finalized and sent out for publication Policy brief finalized and published	E3.3 Finalization and submission of journal articles for publication	February 2018 to March 2018						
	1. Concept Note and call for EOI for a SGCI Masterclass paper for 2018 developed and issued	E3.4 Development of Concept Note and Expression of Interest (EOI) for the 2018 Masterclass paper	March 2018	35,100					





Strategic Objectives	Outcomes	Planned Activities	Expected time Frame	BUDGET					
				IDRC-SGCSSA US\$	AFDB (EUR)	JOOST US\$	Lancaster University RECIRCULATE project	Lancaster University Air Pollution in Emerging Mega Cities	Governing Inclusive Green Growth in Africa (GIGGA) Project (GBP)
	1. Author(s) identified and commissioned	E.3.5 Selection for the author(s) of the masterclass paper completed	March 2018 to April 2018						
	1.Draft Concept Note and Agenda for the 2018 ARM	E.3.6 Development of Concept Note and Agenda for the 2018 ARM	March 2018						
	5. Participants' list 6. Visa letters 7. Invitation letters 8. Flight tickets 5. Accommodation	E.3.7 Logistics and planning completed for the ARM in Ghana	March 2018 to April 2018	88,130					
	1. Proceedings report	E.3.8 2018 ARM event and Monitoring, Evaluation and Learning (MEL)	June 2018 to July 2018						
	1. First draft of the 2018 AF Concept Note shared	E.3.9 Development of Concept Note for the 2018 AF	June 2018	13,800					
	1. Participants' list 2. Visa letters 3. Invitation letters 4. Flight tickets 5. Accommodation 6. Translation services 7. Master of ceremony Exhibitions	E.3.10 Logistics and planning for the 2018 AF	June 2018 to August 2018	5,730					



### APPENDIX 3.0: Work Plan and Budget for the period 01 January 2018 - 31 December 2018

Strategic Objectives	Outcomes	Planned Activities	Expected time Frame	BUDGET					
				IDRC-SGCSSA US\$	AFDB (EUR)	JOUST US\$	Lancaster University RECIRCULATE project	Lancaster University Air Pollution in Emerging Mega Cities	Governing Inclusive Green Growth in Africa (GIGGA) Project (GBP)
	1. Series of draft papers submitted and revised	E.3.11 Follow up on the drafting of the 2018 master-class paper	April 2018 to August 2018						
	3. Final draft masterclass paper 4. Draft journal article Draft policy brief	E.3.12 Submission of the final draft of the masterclass paper	Sept 2018 to Oct 2018						
	1. Proceedings report	E.3.13 2018 AF event and MEL	Nov 2018 to Dec 2018	6,000					
	1. Debrief and Summary reports submitted to IDRC/IMT	E.3.14 Preparation of summary report from the AF	December 2018	2,000					
<b>Total Programmes</b>				<b>US\$ 150,760</b>	<b>EUR 263,569</b>	<b>US\$ 19,200</b>		<b>GBP 26,800</b>	
<b>Administration Costs</b>				<b>US\$ 19,958</b>	<b>0</b>	<b>0</b>			
<b>GRAND TOTAL in USD</b>				<b>US\$ 170,359</b>	<b>US\$ 327,037</b>	<b>US\$ 19,200</b>		<b>US\$ 37,922</b>	





### SUMMARY OF THE 2018 ESTIMATED BUDGET

ESTIMATED INCOME	BUDGET (US\$)
African Development Bank (AfDB)	327,037
International Development Research Centre (IDRC)	170,359
Jaramogi Oginga Odinga University of Science & Technology (JOUST)	19,200
Lancaster University	37,922
<b>Total Estimated Income</b>	<b>554,518</b>

## Appendix 4.0: ATPS Board Members



Mr. Chuma Ikenze  
**Chairperson**



Mrs. Peggy OTI-Boateng



Prof. Banji Oyeleran Oyeyinka



Dr. El Tayeb Mustafa



Prof. Crispus Makau Kiamba



Dr. Catherine Adeya Weya



Mr. Richard Von Kaufmann



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





# APPENDIX 5.0:

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## APPENDIX 5.0:

# ATPS Responsible STI Advisory Committee



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# APPENDIX 6.0:

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## **APPENDIX 7.0:**

# **ATPS Secretariat Staff during the period of 1 January 2017 - 31 December 2017**


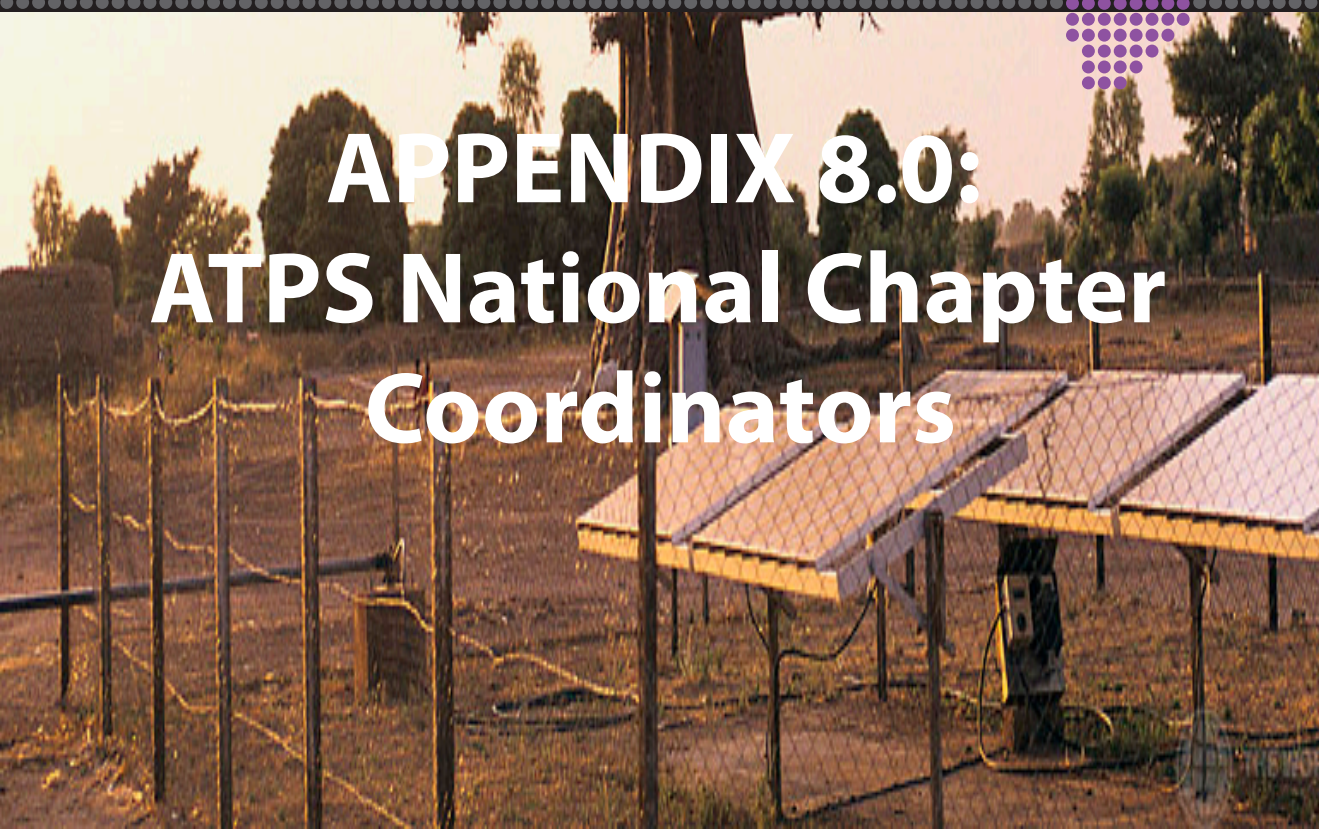
The ATPS Secretariat Staff in 2017 include:

1. Dr. Nicholas Ozor- Executive Director
2. Dr. Ernest Acheampong- Senior Research Officer
3. Mr. Hillary Ragen- Research Assistant
4. Mr. Alfred Nyambane-Research Assistant Intern
5. Ms. Sharon Anyango- Communications and Outreach Assistant
6. Ms. Teresa Werrhe- Secretary/ Programs Administrative Assistant
7. Ms. Madonna Achieng- Administrative Assistant
8. Mr. Dennis Wanyonyi- Finance and Administrative Assistant
9. Ms. Rachel Nzambi- Finance and Administrative Assistant
10. Mr. Peter Chege- Driver/Logistician





Science, Technology and Innovation for  
African Development



## **APPENDIX 8.0: ATPS National Chapter Coordinators**





## APPENDIX 8.0: ATPS National Chapter Coordinators

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