



# Annual Report 2018

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.



# Annual Report 2018



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# List of Acronyms

AERC	African Economic Research Consortium
AFAAS	African Forum for Agricultural Advisory Services
AfDB	African Development Bank
ATPS	African Technology Policy Studies Network
ARC	AGRHMET Regional Centre
CDSF	ClimDev Special Fund
GIGGA	Governing Inclusive Green Growth in Africa Network
ICPAC	IGAD Climate Prediction and Applications Centre
IDRC	International Development Research Centre
KeFAAS	The Forum for Agricultural Advisory Services – Kenya
M&E	Monitoring and Evaluation
NDC	Nationally Determined Contribution
NGOs	Non-Governmental Organizations
NRF-Kenya	National Research Fund - Kenya
NRF-SA	National Research Foundation-South Africa
OSS	Observatoire du Sahara et du Sahel
PASRES	Programme d'Appui Stratégique à la Recherche Scientifique
PSC	Project Steering Committee
RCMRD	Regional Centre for Mapping Resources for Development
SEI	Stockholm Environment Institute
SGCI	Science Granting Councils Initiative
STI	Science, Technology and Innovation
TSC	Training, Sensitization and Capacity Building





# Chairman's Message



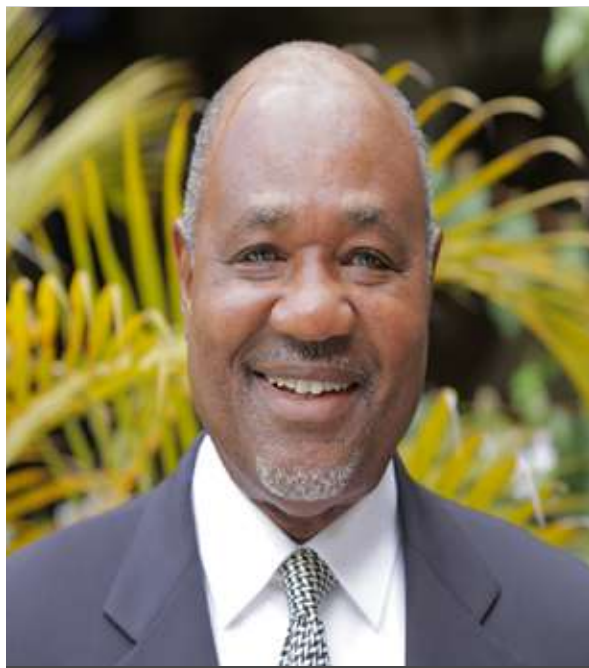
Science, Technology and Innovation for  
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# Chairman's Message



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

**T**he year 2018 has been fair and good to all of us. At African Technology Policy Studies Network (ATPS) we have been able to achieve our goals and face our challenges, evidence that this far our vision and mission have not been affected. Allow me to extend my gratitude to the entire team and board of directors at ATPS for working hand in hand till the end of the year. It's my pleasure to welcome all the new members who have joined the team this year as purpose for greatness in the coming days.

Strategy is always the starting point and a well-crafted one will always help an organization reach its destination. This year, we continued to implement our new Phase VIII Strategic Plan (2017-2022) which is core of ATPS's five-year strategy in using Science, Technology and Innovation (STI) as a means for achieving sustainable development in Africa. The current plan aligns to the Africa Union's Agenda-2063 that recognizes STI as one of the major drivers and enablers for achieving development goals in the AU and its member states. The AU is currently implementing its ten year Science, Technology and Innovation Strategy for Africa STISA-2024 which aims to accelerate Africa's transition to an innovation led economy and knowledge based economy. Additionally, the Plan mirrors to the global Sustainable Development

Goals (SDGs) which calls into action to end poverty, protect the planet and ensure that everyone enjoys peace and prosperity. As a premier STI institution, ATPS has been on the forefront to facilitate the development of STI policies of regional and national governments in Africa, conducted policy research interventions in over 30 countries and participated in many capacity building initiatives for sustainable development. In the new Strategic Plan, ATPS has identified both thematic/sectoral and programmatic areas which will enable it achieve its mandate of building Africa's capabilities through STI. In 2016, ATPS won the prestigious Climate Information Prize for promoting the adoption of the app in Africa; the app produces accurate soil and climatic information that empowers farmers, extension agents and land use planners in decision making regarding agricultural production, land use management and climate resilience. So far ATPS has been able to deploy the use of the app in Nigeria, Malawi and Kenya and in the coming months ATPS will be in Cameroon to capacity build farmers and extension agents. In the Energy sector, ATPS will promote renewable energy access and its development on the continent; this will be possible by scaling up energy infrastructure to strengthen energy security and climate resilience by providing an enabling policy for it to happen. ATPS in partnership with Jaramogi Oginga Odinga University, Kenya is currently implementing

During the period, ATPS and its partners held a Regional Climate Change Dialogue and Training workshop in Nairobi for policymakers and scientists with the aim of mainstreaming climate change issues at regional level so as to raise awareness about climate change. This project is under ATPS sectoral priority on Climate Change and Environment Management. In the Health sector, ATPS will integrate research programs on innovations and policies for sustainable health delivery and health risk prevention including health technology and policy studies. ATPS will also support research and development on emerging diseases on the Continent. Our strategy is to work with different stakeholders who include: researchers, policymakers, private sector, civil society, media & development partners in identifying Africa's key challenges and solving them using science, technology and innovation. Our main challenge is funding which is core and programmatic and we call upon various development partners to support us as we strive to build Africa's capabilities in STI 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 is a privilege to reach this far with my team. The year 2018 has been fair and good to all of us. At African Technology Policy Studies Network (ATPS) we have been able to achieve our goals and face our challenges, evidence that this far our vision and mission have not been affected. ATPS will next year mark its 25th year since its existence. It has been a great journey with the number we triumphed overriding the challenges. Overall, we have come to be known as the top Science and Technology Think Tank in Africa according to the Think Tank Index Report which is usually released annually in appreciation of the impact Think Tanks have in the world. This year according to the 2017 Global Go To Think Tank Index Report ATPS emerged as the Best Trans-disciplinary Think Tank network for the fourth year in a row. The rankings were done by the University of Pennsylvania under the Think Tank and Civil Societies Programme. We are also proud to say that we are an accredited institutional member of the African Union Commission (AUC).

ATPS provides inputs to the specialized Technical Committee on Education, Science and Technology of AUC and we are the organisation that launched the first ever African Manifesto for Science, Technology and Innovation that provided a road map for attaining socio-economic development in Africa through investments in science, technology and innovation. Today, we are implementing our Phase VIII Strategic Plan which was adopted last year after wide consultation with various stakeholders. In the next five years, ATPS will focus its work on four sectoral/thematic priorities as outlined in our objective plans in this document.

This year we took our capacity building initiative of the LandInfo mobile app to Lilongwe, Malawi and in the coming months the ATPS team will be in Cameroon to train farmers and extension agents on the use of the app. The LandInfo is a community driven app that enables users to instantaneously access climatic and soil information; and interpret them in the context of local conditions. In recognition of our work in outscaling the use of the app, we have been nominated for this year's Tekeleza Prize which is a category in the Climate Information Prize. In 2016, ATPS won the Wazo Prize for its continuous work in deploying the use of the app in decision making to improve agricultural productivity, land-use planning and climate resilience. In November 5-9, ATPS in collaboration with Scinnovent Centre, South Africa's National Research Foundation (NRF), Canada's International Development Research Centre (IDRC) and United Kingdom's Department for International Development (DFID) will host the Science Granting Councils Initiative of sub-Saharan Africa (SGCI) and Global Research Council (GRC) at Azalai Hotel Abidjan, Cote d' Ivoire. The forum will provide an opportunity for Science Granting Councils (SGCs) to interact with other key science, technology and innovation system actors, including policymakers and the private sector with a thematic focus on, "New Approaches of Funding Research and Innovation in Africa." The GRC will focus on two themes: impact and open science, and aims to facilitate and coordinate Africa's position on these two themes in preparation for the GRC Annual Global meeting to be held in May 2019.

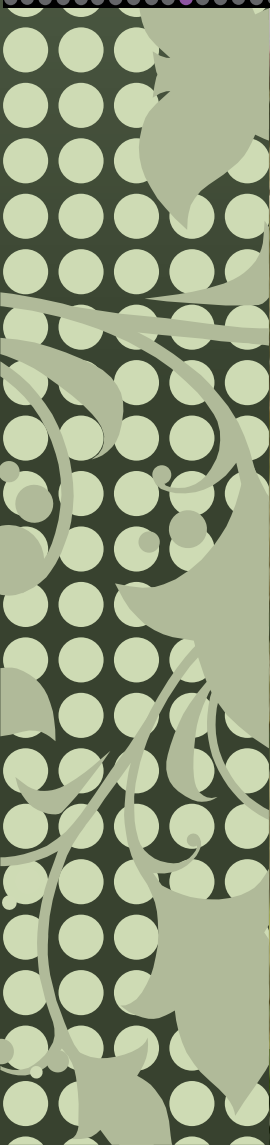
I take this opportunity to extend my gratitude to the ATPS Board, National Chapter Coordinators and network members who offered their strategic guidance and attended some of the events we hosted during this year.

Dr. Nicholas Ozor  
Executive Director, ATPS





Science, Technology and Innovation for  
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# About ATPS



*ATPS National Chapter Coordinators.*

**T**he African Technology Policy Studies Network (ATPS) is a trans-disciplinary network of researchers, policymakers, 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,

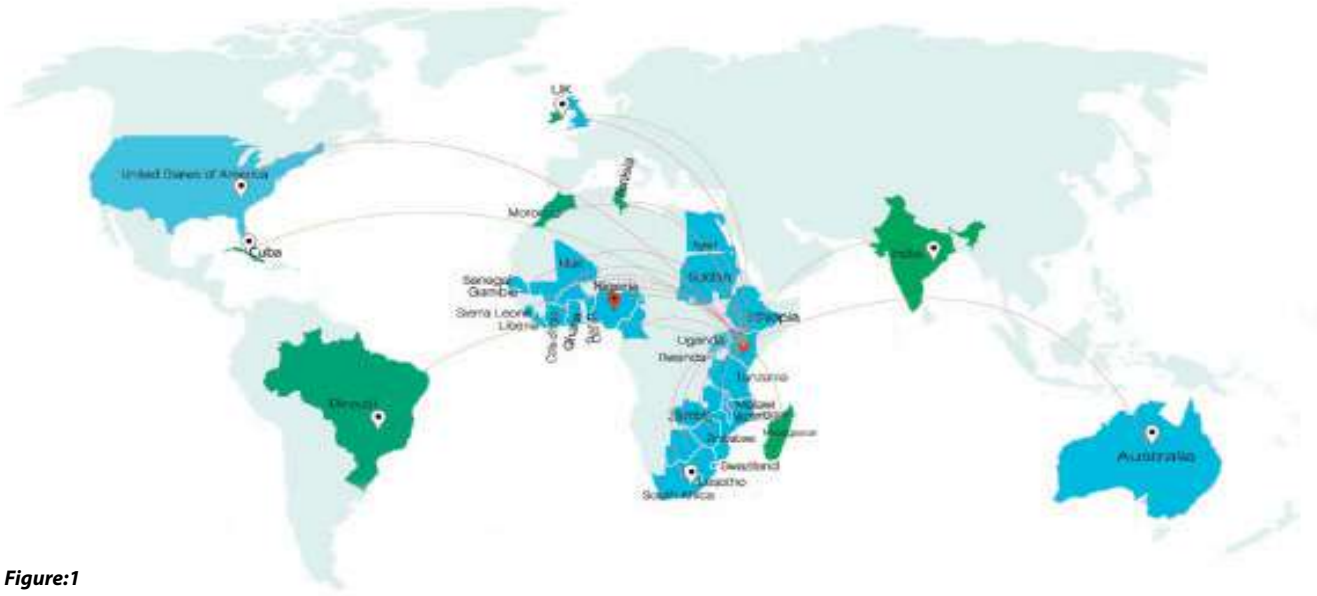
participatory multi-stakeholder dialogue, knowledge brokerage, and policy advocacy. In collaboration with like-minded institutions, ATPS provides a platform for collaborative regional and international research and knowledge sharing for the identification and incubation, development, use and mastery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





**Figure:1**

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.

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)



**The Quadruple Helix**

Unlike many policy institutions, the ATPS membership is composed of all key actors in an innovation system: policymakers, science



# EXECUTIVE SUMMARY



*"Dr. Nicholas Ozor awarding a participant of the Training of Trainers (TOT) of Agricultural Extension Agents and Contact Farmers in Lilongwe, Malawi"*

**T**he African Technology Policy Studies Network (ATPS), in line with its vision to use Science, Technology and Innovation (STI) as a means for achieving sustainable development in Africa, brings together STI experts, policy makers, private sector actors, and civil society actors across the African continent and beyond to provide solutions to global challenges. This is done through the implementation of activities identified in this case in our current ATPS Phase VIII Strategic Plan (2017-2022). ATPS work is summarized in 5 strategic objectives across 4 sector priority areas as enumerated in the strategic plan.

During the reporting period (Jan-Dec, 2018), the ATPS was involved in various activities across the 4 sectors along the 5 strategic objectives. This report provides an updated summary of ATPS's efforts in building Africa's capabilities in STI research, policy and practice for the period of 1st January 2018 – 1st Dec 2018. It highlights key achievements and challenges faced during this reporting period and how they were addressed. ATPS works with like-minded institutions to implement its activities as provided in the strategic plan

and in line with the project objectives. For instance, under Objective One, ATPS continues to implement projects that promote development of evidence-informed policies in the STI domain. The research team is tirelessly fundraising to increase resources that will assist ATPS achieve these objectives. Over 20 proposals and Expression of Interests were submitted by end of November 2018. Some were successful while others were unsuccessful. Others are still pending awaiting feedback from the donors.

With regard to objective two, Training, Sensitization and Capacity Building, one of the major partners of ATPS, the Lancaster University has implemented two projects: The RECIRCULATE project and the Trilateral Air Quality workshop. The Trilateral workshop hosted by ATPS brought together 34 early career researchers from diverse disciplines and backgrounds who are engaged in air pollution research. The aims of the workshop were to discuss the current and future needs of the research community to address the growing issue of air pollution and its impacts on society in and around emerging mega-cities and to establish connections between early career





researchers from the UK, Kenya and South Africa to facilitate future multi-national collaborative research partnerships. Representatives of local, pan-African and international research institutions, NGOs and policy groups, including UN Environment also attended several of the sessions. There are other ongoing collaborations between ATPS and the Lancaster University in proposal writing and implementation of projects.

ATPS also hosted the Governing Inclusive Green Growth in Africa Network (GIGGA) conference that brought together academics, researchers, national and regional policymakers, non-governmental organizations, private sectors actors and civil society actors from United Kingdom, Africa and India to explore how African countries can benefit from inclusive Green growth research, investments and innovations in low carbon sustainable development and build genuine interdisciplinary and international collaborative network. Other major projects being implemented by ATPS are the Bridging climate information gaps to strengthen capacities for climate informed decision-making funded by African Development Bank (AfDB), Building Partnerships and Networks among Science Granting Councils funded by International Development Research Council (IDRC) among others.

With regards to the Bridging climate information gaps to strengthen capacities for climate informed decision-making project, three major activities have been implemented: The LandInfo Mobile App ToT Training in Nigeria and Malawi; The Case studies in Kenya and Nigeria; and the Regional Climate change Dialogue and Training workshop. The Building Partnerships and Networks among Science Granting Councils project saw the hosting of the Annual Regional Meeting (ARM) in Accra and the Annual Forum (AF) in Abidjan in July and November respectively. Details of these activities are dis-

cussed in this report.

ATPS continues to publish its quarterly newsletters which are shared to the various stakeholders including network members. This is in line with objective 4 of the strategic plan. The ATPS for the fourth time consecutively emerged as the Best Think Tank Network in Africa. The 2017 Global Go To Think Tank Index Report was released by the University of Pennsylvania under the Think Tank and Civil Societies Program. ATPS was also ranked as the best Transdisciplinary Research Think Tank, Top Science and Technology Think Tank, Best Use of Internet and Best Think Tank with an annual operating budget of less than \$5 million USD in a year. Overall, ATPS was ranked 101 worldwide and 7th in the Africa.

The key challenge facing ATPS is the inadequate financial resources to enable us meet our proposed activities. Research and innovation – the two methods of generating and utilizing knowledge can only be sustained through adequate funding and investments. The low domestic funding and investments in research and innovation in Africa and in Science, Technology and Innovation (STI) in general has been worsened in recent times due to global financial crisis and global recessions which resulted in reduced budgetary allocations for research and innovation. Inadequate funds have led to the loss of some qualified staff due to low wages and other incentives. The

ATPS Management however continues to fundraise and establish contacts with leading donors in the field of STI for resources to be able to sustain the ATPS. ATPS will require core funds and project funds to be able to sustain its activities and implement its Phase VIII Strategic Plan in particular.

## INTRODUCTION

The African Technology Policy Studies Network (ATPS), in line with its vision to use Science, Technology and Innovation (STI) as a means for achieving sustainable development in Africa, brings together STI experts, policy makers, private sector actors, and civil society actors across the African continent and beyond to provide solutions and ante up Africa's response to global challenges. This is done in through STI policy and practice in the context of Africa's socio-economic and environmental development landscape. This year, the implementation of ATPS' STI capacity building activities has been quite successful. ATPS staff, network members and stakeholders contributed their experiences and knowledge towards raising Africa's perspectives and towards STI capacity development.

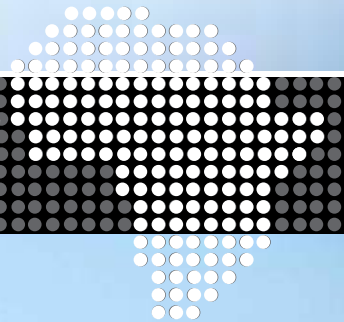
This report provides an updated summary of ATPS's efforts in building Africa's capabilities in STI policy research, policymaking and implementation for the period of 1st January 2018 – 31st December 2018. It highlights key achievements and challenges faced during

this reporting period and how the Secretariat has been addressing the challenges. The presentation of this report follows the outline of the ATPS Phase VIII Strategic Plan (2017-2022):

1. Objective 1: STI Policy Research, Policymaking and Advocacy (STI-RPA)
2. Objective 2: Training, Sensitization and Capacity Building (TSC)
3. Objective 3: Youth and Gender Empowerment (YGEP)
4. Objective 4: Knowledge Brokerage, Management and Commercialization (KBMC)
5. Objective 5: Intra-Africa and Global Collaboration and Partnership (IGCP)
6. Monitoring, Evaluation (M&E) and Audit
7. Challenges
8. Conclusion



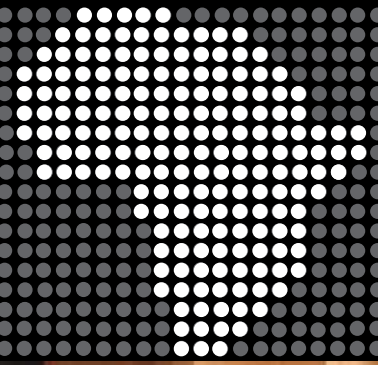
## Science, Technology and Innovation for African Development







# Building Africa's Capabilities in Science, Technology and Innovation for Sustainable Development



*A cross-section of participants who took part in the LandInfo app training which was held on 11th September in Lilongwe,*



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 2018 to 31 December 2018.

The report is organized under the ATPS Programmatic Strategic Objectives outlined in the ATPS Phase VIII Strategic Plan (2017- 2022).

1. STI policy research, policymaking and advocacy
2. Training, sensitization and capacity building
3. Youth and gender empowerment
4. Knowledge brokerage, management and commercialization
5. Intra-Africa and Global Collaboration and Partnerships



# OBJECTIVE 1 - STI POLICY RESEARCH, POLICYMAKING AND ADVOCACY



*Enugu Participants who attended the LandInfo Mobile App Training on Day One*

**A**TPS continues to build capabilities, structures and conditions for co-production of scientific knowledge, technologies, innovations, and policies across its newly identified priority sectors for sustainable development in Africa. These sectors as outlined in the new Phase VIII Strategic Plan (2017-2022) are: Agriculture, Food and Nutrition; Energy; Climate Change and Environment Management; and Health. The concept of co-production of knowledge (transdisciplinary) is strongly emphasised in the work of ATPS to ensure proper contextualisation and domestication of STI in African societies for sustainable development, along with the diffusion, commercialisation and upscaling of innovations.

The Science, Technology, and Innovation Strategy for Africa (STI-SA-2024) places STI at the epicentre of Africa's socio-economic development and growth. The ATPS in the same spirit recognises that STI-led development is a socio-economic and political endeavour and hence will work closely with key stakeholders in the political, academic, civil society and private sector classes to attract their goodwill towards STI issues on the continent and beyond. Activities undertaken during the reporting period under the current ATPS re-

search projects are briefly described below:

## **1.1 Bridging Climate Information Gap to Strengthen Capacities for Climate Informed Decision-making in Africa**

The ATPS with its partners 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 Resource for Development (RCMRD) continued the implementation of the "Bridging Climate Information Gap to Strengthen Capacities for Climate informed decision making in Africa". This project was launched in September 2017 and is expected to end in April 2019. The purpose of the project is to reduce vulnerability and foster a food-secure Africa through the strengthening of African countries' capacities to understand and deploy appropriate climate information and best practices to inform decision-making and support development planning.





The project focuses on five countries (Cameroon, Kenya, Malawi, Nigeria and Tunisia), which are a representative of the five major geographical regions in Africa. The selection of each country within a region is also based factors such as being a regional hub; country that is favourably disposed to climate change policies and institutions; and vulnerability to climate change impacts; and low capacities for adaptation and planning. The project has been funded by the African Development Bank (AfDB) under the Clim-Dev Special Fund (CDSF) for a tune of EUR 399,360 for 2 years.

The project aims to strengthen the capacities of African countries to collect, understand and deploy appropriate climate information and best practices to support decision-making and support development planning, reduce the vulnerability of the selected countries and foster a food-sure Africa. Specifically, the project will:

1. Identify and analyse climate information needs, provide support for climate information production, synthesis, and use;
2. Build the capacities and knowledge of stakeholders (government agencies, research institutions, extension agents and contact famers) to collect and utilize high quality, demand-driven climate information for adaptation planning and decision-making; and
3. Facilitate the mainstreaming of climate change issues in regional policy dialogue aimed at raising awareness on climate change issues to strengthen understanding, use and mastery of climate information.

Some specific activities carried out under this project during the reporting period are described below:

#### **1.1.1 Training of Trainers (TOT) of Agricultural Extension Agents and Contact Farmers on the use of LandInfo mobile app 28-29 March, 2018, Enugu State, Nigeria.**

ATPS prepared concept notes for the above activity and shared with the Nigerian chapter team to identify potential trainees. The Nigerian chapter team led by Prof Michael Madukwe worked with his team to organize the training which was successfully held at the University of Nigeria, Nsukka (UNN) on 28th and 29th March 2018. The ATPS team from the secretariat consisted of Dr Nicholas Ozor, Dr Ernest Acheampong and Mr Alfred Nyambane. Over 300 people were sensitized and 120 successfully trained and certified. Detailed report of the activity and video outputs can be accessed at <https://atpsnet.org/projects/bridging-climate-information-gaps/>.

#### **1.1.2 Conducting Case study in Nsukka, Enugu State, Nigeria from 2-4 May 2018**

This activity was led by the Stockholm Environment Institute (SEI) under the CDSF project led by the ATPS. The overall purpose of these case studies is to develop a robust adaptation toolkit to support adaptation planning and policymaking. The field work was conducted on 2nd May 2018, and involved interviews and focus group

discussions (FDGs) with 29 participants. These participants comprised 20 farmers, 3 extension agents, and 6 researchers from the University of Nigeria, Nsukka. ATPS was represented in the activities by Dr Nicholas Ozor and Prof Michael Madukwe while SEI was represented by Dr Philip Osano and Dr Robert Ochieng. The other case study under this activity will be held in Kenya in July 2018. The detailed report can be accessed at [https://atpsnet.org/wp-content/uploads/2018/11/SEI\\_ATPS\\_Enugu-State\\_Nigeria-Case-Study-Workshop-Report.pdf](https://atpsnet.org/wp-content/uploads/2018/11/SEI_ATPS_Enugu-State_Nigeria-Case-Study-Workshop-Report.pdf)

#### **1.1.3 The Regional Climate Change Dialogue and Training Workshop- 25-27 June 2018**

ATPS hosted the Regional Climate Change Dialogue and Training Workshop on the 25-27 June 2018. Over 90 delegates drawn from Cameroon, Nigeria, Tunisia, Malawi and Kenya attended event. ATPS and its partners developed modules and Climate change adaptation toolkit. These were presented in the workshop. The event was held at Best Western and Meridian Hotel in Nairobi, Kenya. The detailed proceedings report can be accessed at <https://atpsnet.org/wp-content/uploads/2018/10/Proceedings-of-the-Regional-Climate-Change-Dialogue-and-Training-Workshop.pdf>

#### **1.1.4 Conducting Case study in Migori County, Kenya from 16-18 August 2018**

This activity was led by the Stockholm Environment Institute (SEI) under the CDSF project led by the ATPS. Just like the one conducted in Nsukka, Enugu State, Nigeria, this was also aimed at developing a climate change adaptation toolkit. ATPS was represented in the activities by Dr Nicholas Ozor while SEI was represented by Dr Philip Osano, William Opondo and Elvine Kwamboka. Also present were representatives of the Ministry of Environment and the County Government of Migori. The detailed report can be accessed at [https://atpsnet.org/wp-content/uploads/2018/11/SEIATPS\\_Migori-County\\_Kenya-Case-Study-Workshop-Report.pdf](https://atpsnet.org/wp-content/uploads/2018/11/SEIATPS_Migori-County_Kenya-Case-Study-Workshop-Report.pdf)

#### **1.1.5 Training of Trainers (TOT) of Agricultural Extension Agents and Contact Farmers on the use of LandInfo mobile app on 11 September 2018, in Lilongwe, Malawi**

The concept note for the training workshop was developed and shared with the chapter coordinator of Malawi Dr Kingdom Kwapata who was responsible in planning the event in liaison with the Ministry of Agriculture and the Lilongwe University of Agriculture and Natural Resources (LUANAR). Over 90 people were trained with another 200 sensitized on the use of LandInfo mobile App. The ATPS team consisted of Dr Nicholas Ozor, Dr Ernest Acheampong and Mr Alfred Nyambane. A detailed report of the activity and video outputs can be accessed at <https://atpsnet.org/projects/bridging-climate-information-gaps/>



*Regional Climate Change Dialogue and Training workshop*

### 1.1.6 Challenges

The following are some of the challenges experienced during implementation of this project:

1. There have been delayed submission of outputs and accountability by partners throughout the implementation of the project.
2. Frequent changes in the finance department has had a significant impact on implementation of the project.
3. Delayed disbursement of funds by the donor has also at times disrupted implementation of the project.
4. Challenges in selection of External Auditors for the project has led to suspension of disbursement of funds to ATPS by AfDB until the audit report has been submitted and accepted.

### 1.2 Networking Africa's Science Granting Councils project

The Science Granting Councils Initiative (SGCI) is a 5-year Initiative which aims to strengthen the capacities of 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 started in January 2017 and was to end in 2022. It aims at strengthening partnerships and networks among Science Granting Councils 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 DFID, IDRC and NRF South Africa. The project is worth USD 696,180 to be implemented for 5 years.

The overall objective of this project is to build partnerships and networks among Science Granting Councils and other science system actors in order to achieve increasingly coordinated and networked Councils in SSA. The specific objectives are to:

1. Support and consolidate the voices and views of Science Granting Councils to effectively contribute to key STI policy debates at the regional and continental levels;
2. Provide an intra and inter regional platforms for interaction, information sharing, experiential learning, and collaboration among Councils and other science system actors to contribute to the implementation of the African Union Commission's STISA 2024;
3. Commission state-of-the-art and publication quality research papers/ reviews on key STI themes in order to share innovative lessons and good practices , and disseminate knowledge as a global public good; and
4. Promote and disseminate the scientific work, innovations and technologies produced by Councils to key stakeholders such as policymakers, private sector actors, academia, practitioners, and other key stakeholders in the ARM and AFs.

#### 1.2.1 The Annual Regional Meeting (ARM) on 4-6 July 2018 in Accra, Ghana

The Science Granting Councils Initiative in Sub-Saharan Africa (SGCI) seeks to strengthen capacities of Science Granting Councils (SGCs) in Eastern, Southern, Central and West Africa in order to support research and evidence-based policies that will contribute to economic and social development. The SGCI 2018 ARM was held from 4th – 6th July 2018 alongside the launch of the "Ghana In-





novation and Research Commercialization Centre" (GIRC) in Accra, Ghana. The hall mark of the event was the introduction of the "Ghana Innovation and Research Commercialization Centre" (GIRC). The ARM was co-hosted by the Ministry of Environment, Science, Technology and Innovation (MESTI) and the African Technology Policy Studies Network (ATPS) in partnership with the Scinnovent Centre under the theme: "Research and Innovation for Job Creation". This is an annual event in this project that brings together Heads of Research Councils (HoRCs) in the participating African countries to discuss key issues of Science, Technology and Innovation (STI).

Key messages from this meeting were centred on management of research by SGCs, learning opportunities that GIRC could provide, and success stories that could help improve the SGCI. Importantly, it was clear in the event that SGCI provided a strong anchorage for the participating SGCs. This is both within the context of their internal organisations and also with other science system actors. Finally, in the monitoring, learning and evaluation workshop, the attendees highlighted the limitation in the sense of practicality of the research work being done with respect to the knowledge products produced, combining normative knowledge and systems knowledge to facilitate transformation and strengthening of the SGCs.

### **1.2.2 The 2018 Annual Forum 5-8 November 2018 in Abidjan, Cote d'Ivoire and commissioning of the Masterclass paper**

The SGCI convenes Annual Forums (AFs) that brings together Africa's Science Granting Councils (SGCs) from 15 countries and other key stakeholders to deliberate and develop interventions in strategic areas. To facilitate sharing of lessons and good practices, the SGCI commissions a state-of-the-art master class paper on topics/themes of interest for Africa's development. The programme is jointly funded by the United Kingdom's Department for International Development (DFID), Canada's International Development Research Centre (IDRC), and South Africa's National Research Foundation (NRF). The latest entrant, the Swedish International Development Agency (Sida) has recently joined the partnership.

This year's SGCI AF was held on 6th November 2018 at Azalai Hotel in Abidjan hosted by Programme d'Appui Stratégique à la Recherche Scientifique (PASRES). The theme for the 2018 Annual Forum is on "New Approaches for Funding Research and Innovation in Africa". ATPS commissioned the master class paper on the topic ahead of the Annual Forum in Abidjan, Cote d'Ivoire. The forum attracted an attendance of over 90 members comprising of delegates from various institutions and funders. The forum began on high note with a brilliant presentation of the masterclass paper which highlighted the funding challenges and opportunities in Africa.

But one clear message of the discussants was that majority of the countries in Africa derived their more funding from external/private funders and foundations than their own internal sources. Again, the

missing contribution of African billionaires to research, science and innovation was noted and an effort to for SGCs to reach them in future was encouraged. Due to the remarkable performance of the SGCI in linking and coordinating the 15 SGCs in Africa, the project period has been extended to 2023 from the initial end time of 2019. This means that the programme will last for 8 years.

### **1.2.3 Challenges**

Some of the challenges encountered during implementation of the project include:

1. Last minute cancellation of flights from delegates invited for the conferences
2. Expressed need for increased intervention by SGCs yet the ATPS Research team may not be in a position to provide further support expected in organization of the ARM and AF.

### **1.3 Market Based Approaches for the Diffusion of Clean Cooking Solutions in Kenya and Tanzania**

This project seeks to investigate the evidence and provide actionable recommendations for improving the diffusion of clean cooking solutions using a market based approach in Kenya and Tanzania. The underlying theory of change is that a combination of local production of high quality products, inclusive distribution mechanisms, innovative financing systems, and a favourable policy environment is pre-requisite for enhancing access to clean cooking solutions.

The main objective of this project is to evaluate and develop strategies for catalyzing the diffusion and adoption of clean cooking solutions in East Africa (Kenya and Tanzania) other objectives include:

1. To identify innovative and sustainable market-based systems for enhancing energy access and livelihoods to the poor;
2. To ascertain the awareness levels and knowledge gaps among consumers on clean cooking solutions;
3. To identify technological barriers and capacity needs for developing a vibrant local manufacturing clean cooking solutions; and i
4. To examine existing policies, regulations and institutions with a view to propose policy recommendations for improving the adoption and diffusion of clean cooking solutions

ATPS role in this project was to review the policy environment for adoption and diffusion of clean cooking solutions in Kenya and Tanzania. This project is being implemented in partnership with Jaramogi Oginga Odinga University of Science and Technology (JOOUST), University of Dar es Salaam, Pennsylvania State University and Clean Cookstoves Association of Kenya (KCCA). ATPS has already submitted the report on the review of policy environment for adoption and diffusion of clean cooking solutions in Kenya and Tanzania. This project is funded by the African Development Bank (AfDB). The main challenge affecting this project is its slow disbursement of funds therefore contributing to the slow implementation of the project.



## OBJECTIVE 2 - TRAINING, SENSITIZATION AND CAPACITY BUILDING



*"A small holder bee keeping farmer in Kenya working on their new bee hives"*

### 2.1 Workshops, Conferences and Meetings

#### 2.1.1 RECIRCULATE Knowledge Exchange workshop, 7th- 12th January 2018, Lancaster University, Accra, Ghana.

The ATPS was represented in the workshop by Mr. Alfred Nyam-bane, Research Officer. The Lancaster University, UK together with ATPS and other partners are implementing the RECIRCULATE project in which ATPS is a phase II partner. As part of the RECIRCULATE Project, Lancaster University, UK held various workshops to capacity build early career researchers whose organisations are part of the project. The other training workshops held included:

- Water and Energy Production: 21-25 January 2018
- Innovation & Entrepreneurship: 28 January – 1 February 2018
- Water & Food Production: 4-8 February 2018
- Health & Sanitation: 11-15 February 2018

#### 2.1.2 RECIRCULATE Innovation & Entrepreneurship workshop, 28th January to 2nd February 2018, Lancaster University, Accra, Ghana

Ms. Ruth Oriama, ATPS Research officer attended this workshop which was themed: Entrepreneurship and Innovation: Developing Entrepreneurial Capabilities for Capacity Building. The workshop aimed at exploring the impact of entrepreneurship and innovation in tackling complex African challenges, to develop bespoke Lancaster Residence Training Application, and, to begin to craft a set of

collective and shared outputs to benefit all participants in the form of published 'white papers' and toolkits which would be developed in residences. Ms Oriama was selected for this residency where she will be implementing a project titled: "Smart Water Treatment System; Review of Policy Practices in North-South Technology Transfer of Water Treatment Technologies"

#### 2.1.3 START-Africa workshop, 25th - 28th February 2018, Stellenbosch Hotel, South Africa

Dr. Nicholas Ozor, ATPS Executive Director attended the workshop as a key expert in advising START on its Africa partnership strategy involving the university of Cape Town and other African universities. His expertise was crucial to the success of START – Africa strategic development process.

#### 2.1.4 Inception Conference on "Governing Inclusive Green Growth in Africa (GIGGA)" 8th – 9th March 2018, Nairobi, Kenya

The ATPS in collaboration with the University of Reading, UK organized the GIGGA conference which was held for two days. The conference brought together academics, researchers, national and regional policymakers, non-governmental organizations, private sector actors and civil society actors from United Kingdom, Africa and India to explore how African countries can benefit from inclusive green growth research, investments and innovations in low carbon sustainable development. The conference also focused on ways to build a genuine interdisciplinary and international collabora-





rative network that can develop a substantive research agenda on the governance of inclusive green growth in Africa.

### **2.1.5 Capacity Assessment for Green Economy Transition, 12th March 2018, Nairobi, Kenya**

The ATPS in collaboration with the University of Reading, UK organized the Capacity need Assessment for Green Economy Transition to provide an opportunity for stakeholders to reflect on the range and quality of technical capacity that Kenya needs to achieve in order to have a sustainable green economy transition as envisioned in key national development documents such as the Vision 2030 and the Nationally Determined Contribution (NDC). The conference also covered key steps for developing local capacity for green transition, lesson from global best practice for building green innovation systems, opportunities and call for proposals.

### **2.1.6 The African Economic Research Consortium (AERC) Senior Policy Seminar “Rethinking Regional Integration in Africa” workshop, March 12 – 13, 2018, Kampala, Uganda.**

Dr. Nicholas Ozor, ATPS Executive Director was invited as a senior policy maker to the AERC senior policy seminars. The forum brought together senior policymakers from Africa to exchange experiences and deliberate on topical issues pertaining to sustainable development of their economies. 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 is to promote policy based on rigor and evidence.

### **2.1.7 British Council Newton Fund Trilateral Researcher Links Workshop on Air pollution in emerging megacities 16th - 20th April 2018, in Silver Springs Hotel.**

This British Council Newton Fund Trilateral Researcher Links Workshop on Air pollution in emerging megacities: Sources, evolution and impacts, in collaboration with key partners among them ATPS organised a workshop for Early Career Researchers (ECRs) from the United Kingdom (11), Kenya (14) and South Africa (9) with the objective to:

- Establish the current state of the science and the current and future needs of the atmospheric research community to address the growing issue of air pollution, climate change and their impacts on society in and around emerging mega-cities;
- Introduce ECRs to a wide range of techniques and skills required to pursue cutting-edge, transformative atmospheric research;
- Raise awareness of the need for transdisciplinary co-produced research to holistically tackle the challenges of the UN Sustainable Development Goals;
- Establish a cohort of ECRs in chemistry-climate and air pollution

research in UK, Kenya and South Africa, with the potential to become future research leaders; and,

- Facilitate cross-boundary networking and identify common experience on which to build future collaborative partnerships with fellow ECR, established scientists, policy makers and stakeholders.

The workshop was supported by the Newton Fund, National Research Fund-Kenya and National Research Fund South-Africa. The workshop report of the activity can be accessed at <https://atpsnet.org/wp-content/uploads/2018/08/BritishCouncilFinalReportATPS.pdf>

### **2.1.8 Regional Climate Change Dialogue and Training Workshop**

The ATPS in collaboration with the Stockholm Environment Institute (SEI) Africa Centre, IGAD Climate Prediction and Applications Center (ICPAC), Observatoire du Sahara et du Sahel (OSS), AG-RHYMET Regional Centre (ARC), and the Regional Centre for Mapping Resource for Development (RCMRD) organized the Regional Climate Change Dialogue and Training workshop at Best Western and Meridian hotel in Nairobi, Kenya from 25-27 June 2018. The workshop attracted over 90 delegates drawn from various African countries mainly Cameroon, Malawi, Nigeria, Tunisia and the hosts Kenya.

### **2.1.9 Launch of the RECIRCULATE project on 20th September, 2018 in Accra, Ghana**

ATPS was invited to participate in the official launch of the RECIRCULATE project in Accra Ghana. ATPS is a phase II partner of the project. The organization was represented by Dr Nicholas Ozor, the Executive Director and Mr Alfred Nyambane, Research Officer.

## **2.2 Staff Training**

ATPS members of staff continue to benefit from staff capacity building mandate. Training needs of staff are identified by Line Managers. During the reporting period some of the ATPS Staff who have benefited from trainings are:

### **2.2.1 Refresher Course on Pastel Systems, 7th -8th February, 2018**

The ATPS Finance department staff Mark Kiarie and Rachel Maluki benefitted from a refresher course on Pastel systems which was done at the ATPS offices. The training focused on the new features in the just upgraded version 18 of SAGE Pastel. The system can now be able to generate project specific reports and transactions. The training also aimed at collecting views on how the system can be enhanced and new features incorporated to improve on financial management and reporting.



*"A cross-sectional view of participants who attended the workshop in Migori County Workshop towards Climate Change Adaptation Plan"*

## OBJECTIVE 3 - YOUTH AND GENDER EMPOWERMENT (YGE)

### 3.1 ATPS Youth Internships

As the mandate of ATPS to build the capacity of the youth through ATPS graduate internship program, during the reporting period ATPS recruited two Research Assistant Interns: Mr Bright Wekesa and Ms Violet Nyabaro. They will be involved in implementation of existing projects as well as fundraising activities of ATPS.

### 3.2 Fellowship program

During the reporting period the ATPS has not nominated any staff for any fellowship program.

## OBJECTIVE 4 - KNOWLEDGE BROKERAGE, MANAGEMENT AND COMMERCIALIZATION

A number of publications have been made while some are still in press as follows:

1. Ernest Acheampong, Alfred Nyambane and Nicholas Ozor (2018) State of climate information needs and services for climate change mitigation and adaptation in selected African countries. Research paper (Draft)
2. Alfred Nyambane, Nicholas Ozor and Ernest Acheampong (2018) Bridging Climate Information Gaps to Strengthen Capacities for Climate Informed Decision-making in selected African Countries. ATPS Policy Brief.
3. Onuoha Magnus C., Nicholas Ozor and Alfred Nyambane (2018) Foresight Studies as a long term Research and Planning Tool for Climate Science and Policy Making in Africa. Research paper (Draft)

4. ATPS Technopolicy Newsletter Issue No 012.
5. Oyelaran-Oyeyinka, Banji, Vallejo, Bertha, and Vasudev, Shruti, Nicholas Ozor, and Maurice Bolo (2018) Public-Private Partnerships in Research and Innovation: Opportunities and Barriers for African Science Granting Councils, Research Policy (In Press)
6. Oyelaran-Oyeyinka, Banji, Vallejo, Bertha, and Vasudev, Shruti, Nicholas Ozor, and Maurice Bolo (2018) Towards Effective Public-Private Partnerships in Research and Innovation: A Perspective for African Science Granting Councils. ATPS Policy Brief (In Press).
7. Umunakwe, P.C., M.C. Madukwe, Nicholas Ozor, F.N. Nnadi and S. Nwaozuzu (2018) Use of Social Media Tools among Agricultural Students in Tertiary Institutions in Nigeria: An Insight from the Federal University of Technology, Owerri, Imo State, Nigeria. Middle East Journal of Agriculture Research, Vol 7 (2).

## OBJECTIVE 5 - INTRA-AFRICA AND GLOBAL COLLABORATION AND PARTNERSHIPS

The ATPS continues to consolidate partnership and cooperation with relevant STI institutions globally. During the reporting period, ATPS signed a Partnership Agreement with ASTEVEN Renewable Energy Academy (ASREA) in Nigeria. The Partnership agreement aims to build and support the rapidly developing markets, as well as fill the yawning gap in the development of local capacity for renewable energy and energy efficient sources for Nigeria in particular and Africa in general. The innovative idea aligns strongly with our current ATPS Phase VIII Strategic Plan, 2017-2022.





## 6.0 - MONITORING, EVALUATION AND AUDIT



Chief guests during the Regional Climate Change Dialogue and Training workshop; from left Dr Alice Kaudia, Prof Malachy Okwueze, Dr Nicholas Ozor, Mr Ralph Von Kaufman and Hon. Samuel Onuigbo

The ATPS audit for the year 2016 was carried out in accordance with the International Standards of Auditing by Zacky & Associates audit firms in February 2018. 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 statements. In their opinion, the independent auditors found that the financial statements for the year 2016 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 has been submitted to ATPS Management.

### 7.0 CHALLENGES

#### 7.1 Staffing

ATPS still encounters challenges in staffing due to financial con-

straints. However, ATPS endeavours to recruit very competent staff locally to support its existing team.

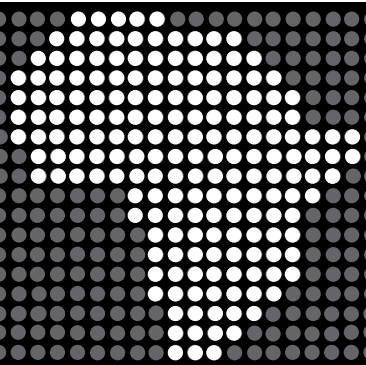
There have been changes in staff with regard to the Finance and Administration department. Mr Mark Kiarie contract was terminated after his probation period and was replaced by Mr Philip Musembi. Mr Musembi is the Finance and Administration Officer and heads the department.

#### 7.2 Securing core funding

One of the major challenges still facing ATPS is securing of core funding for implementation of the ATPS thematic activities. However, efforts are being made through fundraising efforts, creating new partnerships, collaborative engagements and renewal of inactive partnerships to raise funds for the implementation of activities.



# CONCLUSION



*Science Granting Councils Initiatives In Sub Saharan Africa 2018; Annual Regional Meeting at Alisa Hotel - Accra GHANA, 4 th - 6th July 2018*

**T**he ATPS continues to implement its activities in line with the ATPS Phase VIII Strategic Plan (2017-2022). The RE-CIRCULATE project phase 1 is still being implemented with ATPS expected to take a major role in Phase II in 2019.

ATPS successfully organized and hosted the Trilateral Air Quality Workshop in Nairobi in partnership with Lancaster University under the Newton fund. ECR networks of Air Quality researchers are already being developed across Africa on Air Quality. ATPS also successfully hosted the GIGGA workshop where researchers from different disciplines (UK, Africa and India), African think tanks, civil society organizations and government departments participated to lay a foundation for a robust assessment and understanding of the dynamics of green growth governance in Africa and the implications for sustainable economic transformation in the continent. With regard to the "Bridging climate information gaps to strengthen capacities for climate informed decision making project", the Land-Info mobile App ToT training in Nigeria and Malawi were very successful with 120 and 90 people were trained respectively. The case studies were conducted in Nigeria and Kenya, an activity that was

led by SEI. This activity generated data that would be used in Event caption - developing a robust climate change adaptation toolkit. The Regional climate change dialogue and training workshop was successfully hosted by ATPS in June where over 90 delegates drawn from Cameroon, Kenya, Nigeria, Malawi and Tunisia attended. The Regional workshop provided a forum for various stakeholders in the area of climate science exchanged ideas and participated in trainings using the modules generated by the various partners in this project.

The implementation of the Networking Science Granting Councils in Africa project progressed well with the hosting of the Annual Regional Meeting in Accra, Ghana and the Annual Forum in Abidjan, Côte d'Ivoire. The efforts of ATPS continue to be recognized worldwide with ATPS emerging the top STI think tank in Africa according to the 2017 Global Go To Think Tank Index Report. Despite financial challenges during the reporting period ATPS' activities have not been paralyzed and more efforts is being put in resource mobilization through proposal development and in other fundraising strategies.



## APPENDIX

1. APPENDIX 1: ATPS Financial Statements
2. APPENDIX 2: Grants Received in 2018
3. APPENDIX 3: Work Plan and Budget for the period  
01 January – 31 December 2019
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 2018 - 31 December 2018
8. APPENDIX 8: ATPS National Chapter Coordinators

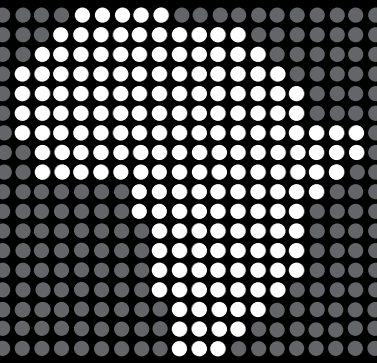
## Science, Technology and Innovation for African Development







## Appendix 1.0: ATPS Financial Statements







## 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 2018

	Note	2018 US\$	2017 US\$
<b>INCOME</b>			
Grant Income	4	667,977	315,887
Other Income	5	3,486	103
Finance Income	6	(1,476)	(883)
		<u>669,987</u>	<u>315,107</u>
<b>OPERATING EXPENSES</b>			
Project Expenditure	7	(470,326)	(292,807)
General administration	7	(145,987)	(80,254)
		<u>(616,313)</u>	<u>(373,061)</u>
(DEFICIT) / SURPLUS FOR THE YEAR		<u>53,674</u>	<u>(57,954)</u>



## APPENDIX 1.0: Financial Statements

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

#### STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2018

ASSETS	Note	2018 US\$	2017 US\$
<b>Non-current assets</b>			
Motor vehicles and equipment	9	5,726	11,406
Intangible assets	10	<u>4,352</u>	<u>1,509</u>
		<b><u>10,078</u></b>	<b><u>12,915</u></b>
<b>Current Assets</b>			
Other receivables	12	61,330	32,504
Bank and cash balance		<u>133,244</u>	<u>55,292</u>
		<u>194,574</u>	<u>87,796</u>
<b>Total assets</b>		<b><u>204,652</u></b>	<b><u>100,711</u></b>
<b>FUNDS AND LIABILITIES</b>			
<b>Funds</b>			
Accumulated Fund		<u>26,489</u>	<u>(88,098)</u>
<b>Current Liabilities</b>			
Payables and accruals	13	<u>178,163</u>	<u>188,809</u>
		<b><u>178,163</u></b>	<b><u>188,809</u></b>
<b>Total funds and liabilities</b>		<b><u>204,652</u></b>	<b><u>100,711</u></b>

The financial statements on pages 15 to 31 were approved by the Directors on 31/10/2020  
and signed on their behalf by:

EXECUTIVE DIRECTOR.

DIRECTOR





## APPENDIX 1.0: Financial Statements

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

#### STATEMENT OF CHANGES IN FUNDS FOR THE YEAR ENDED 31 DECEMBER 2018

	General Fund US\$
At 1 January 2017	(30,144)
Surplus / (deficit) for the year	<u>(57,954)</u>
At 31 December 2017	<u>(88,098)</u>
At 1 January 2018	(88,098)
Prior year adjustment	<u>60,914</u>
As restated	(27,184)
Surplus / (deficit) for the year	<u>53,673</u>
At 31 December 2018	<u>26,489</u>

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

**STATEMENT OF CASH FLOWS  
FOR THE YEAR ENDED 31 DECEMBER 2018**

	Note	2018 US\$	2017 US\$
<b>OPERATING ACTIVITIES</b>			
(Deficit)/Surplus for the year		53,674	(57,954)
Adjustments for:			
Depreciation		6,924	9,229
Amortisation		1,712	647
Prior year adjustment		60,914	-
Operating (deficit)/surplus before working capital changes		123,224	(48,078)
(Increase) / Decrease in other receivables		(28,826)	(8,731)
Increase/(Decrease) in payables and accruals		(10,646)	78,305
Net cash used in operating activities		83,752	21,496
<b>INVESTING ACTIVITIES</b>			
Purchase of furniture and equipment		(5,799)	(6,898)
Net cash outflow from investing activities		(5,799)	(6,898)
(Decrease)/Increase in cash and cash equivalents		77,953	14,598
Cash and cash equivalents at 1 January		55,292	40,694
Cash and cash equivalents at 31st December		133,245	55,292
Represented by:			
Bank and cash balances		133,244	55,292



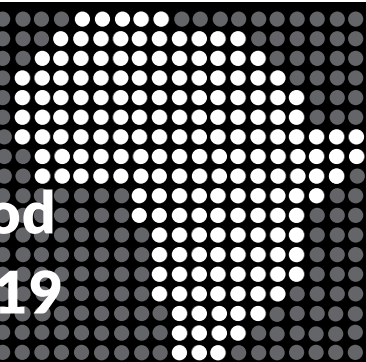


## Appendix 2.0: Grants Received in 2018

S/N	Title of Grant	Donor	Amount
1	Developing An Innovation -Led Bioeconomy Strategy for Eastern Africa	International Centre of Insect Physiology and Ecology (ICIPE)	USD 69,172
2	Landinfo Mobile Phone Technology for Agricultural Productivity and Climate Change Resilience	National Research Fund (NRF)	USD 4,878
3	Trilateral Researcher Links Workshop on Air pollution in emerging megacities	Lancaster University	USD 4,406
4	Hosting of Dr Robert Patrick David Byrne at the ATPS for one month research from June to July 2018.	University of Sussex	USD 1, 015
5	Inception Conference on "Governing Inclusive Green Growth in Africa (GIGGA)	University of Reading	USD 988
6	Preparation of SGCI 2018 Annual Forum 5-8 November 2018 in Adidjan , Cote d'Ivoire	Southern Africa Research and Innovation Management Association (SARIMA)	USD 21,624
7	Tekeleza award- Climate information Prize	Prize imc World wide Limited	USD 34, 977
<b>Total</b>			<b>USD 137,060</b>



## Appendix 3.0: Work Plan and Budget for the Period 01 January 2019 - 31 December 2019







## APPENDIX 3.0: Work Plan and Budget for the period 01 January 2019- 31 December 2019

STRATEGIC OBJECTIVES	OUTCOMES	PLANNED ACTIVITIES	EXPECTED TIME FRAME	SGCI (US\$)	AFDB (EUR)	BiSEA (US\$)	OCEAN HUB (GBP)	EOA-I (US\$)
<b>Programmatic Objective 1: STI policy research, policymaking and advocacy</b>								
A1. Undertake STI policy research and capacity building in selected sectors to generate evidence-based knowledge for policy and decision-making	A comprehensive stakeholders' report showing different categories of actors, roles and linkages in the EOA-I value chain in the countries, regions and continental level	EOA-I - Activity 1.1 Undertake a stakeholder mapping and analysis in the EOA-I countries, regions and continental level through desk studies, key informant interviews and Focus Group Discussions (FGDs)	Jan 2019 - Dec 2019					70,000
		EOA-I - Activity 2.1 Undertake policy and institutional reviews and analysis in West and Southern Africa on EOA through desk studies, key informant interviews and Focus Group Discussions (FGDs)	Jan 2019 - Dec 2019					40,000
		BiSEA - Activity 2.1: Situation Analysis of the Bio economy in the Region	Feb 2019 - Aug 2019			35,200		
		BiSEA - Activity 4.1: Developing scenarios and suggestion pathways for bio based growth in the region	Feb 2019 - Aug 2019			27,863		
		Desk Research ,Focus group discussion & Key informant interviews Writing and submission of journal articles for publication.	Jan - Dec 2019	8,100	200		269,475	105,650
A2. Influence policies and policymaking at various levels	1. ICE Platform	A.2.1 Development of the ICE menus/platforms	Jan - Dec 2019		187.08			
B1 Develop series of STI training manuals								
B2 Undertake training, sensitization and capacity building for relevant stakeholders on STI related issues	A generic Climate Adaptation Toolkit Procurement plans Invoices, Receipts. Progress reports, Financial reports Tickets Accommodation Project presentation	B.2.8 Implement procurement and financial transactions for project implementation B.2.9 Prepare progress and quarterly reports for monitoring and evaluation B.2.10 Project Presentation in Abidjan, Cote D'Ivoire	Jan - Dec 2019		6,160			
C.1 Promote the African Youth Forum for Science and Technology (AYFST) and the African Women Forum for Science and Technology (AWFST) programmes	Increased youth and women participation in STI with improved capacity to undertake research, policy and practice for sustainable development Increased opportunity for knowledge sharing, networking and collaboration among African youth and women Increased ability of African youth and women to innovate and solve	C.1.1 Mobilize youth and women and empower them to harness opportunities in agriculture, energy, environment and health for development	Jan - Dec 2019				23,333	
		C.1.2 Support regional knowledge sharing and cooperation among youth and women					36,526	
		C.1.3 Provide targeted training and capacity building programmes in specialized STI areas					10,101	
		C.1.4 Offer fellowships, internships and mento-						



STRATEGIC OBJECTIVES	OUTCOMES	PLANNED ACTIVITIES	EXPECTED TIME FRAME	SGCI (US\$)	AFDB (EUR)	BiSEA (US\$)	OCEAN HUB (GBP)	EOA-I (US\$)
<b>Programmatic Objective 1: STI policy research, policymaking and advocacy</b>								
	societal challenges	ring services C.1.5 Reward and celebrate African youth and women inventors and innovators					4,941 14,000	
C.2 Support African youth and women in science, technology, engineering and mathematics (STEM) education, research and investment	Production of quality STEM graduates to support industrial growth More jobs created to absorb young graduates Increased capacity to manage businesses	C.2.1 Offer a number of scholarships annually to African youth 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	Jan - Dec 2019  Jan - Dec 2019  Jan - Dec 2019				4,941  -	  14,000
<b>Programmatic Objective 4: Knowledge brokerage, management and commercialization</b>								
D.1 Create platforms to increase and strengthen collaboration and networking between and among STI actors for development	Increasingly networked science system actors that could translate STI knowledge into products and services Opportunities for the creation of more jobs and wealth on the continent  Consolidated opinion on a thematic area for research, important to the science granting councils and system actors Involvement of a regional economic community in continental discourse on the strengthening the science granting councils Collaborative efforts among the science system actors in organising/convening continental meetings 2019 Annual Forum event and Monitoring, Evaluation and Learning Proceedings and Reports	Organize annual stakeholders' meetings, round-tables, fora and dialogue on topical STI issues of national and regional interests. Develop innovation incubation and start-up programmes in the selected sectors including agriculture, energy, environment and health  SGCI Activity 9 - Development of Concept Note for the 2019 AF  SGCI Activity 3 - Confirmation of the Theme and venue for the AF 2019  SGCI Activity 10 - Logistics and planning for the 2019 AF  SGCI Activity 13 - Co-host the Annual African Science Granting Councils 2019 Meetings	Jan- Dec 2019   Feb - July 2019  Feb - Jul 2019  Feb -Jul 2019  Aug - Dec 2019	  5,137.17  5,137.17  89,494.34  38,009.17		42,091		
D.2 Produce knowledge products to enhance knowledge sharing among actors	Well-informed African society that is capable of utilizing new knowledge products to better their living conditions  Peer-reviewed knowledge products for distribution among science system actors Peer-reviewed knowledge products for distribution among science system actors Identification of priority thematic areas on a given issue for the science granting councils and system actors	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. Training on how to produce quality STI knowledge products SGCI Activity 1 - Submission of reports from the 2018 Masterclass paper and Annual Forum (AF) SGCI Activity 4 - Finalization and submission of journal articles for publication SGCI Activity 5 - Development of Concept Note and Expression of Interest (EOI) for the 2019 Masterclass paper SGCI Activity 6 - Selection for the author(s) of the masterclass paper completed SGCI Activity 8 - Follow up on the drafting of the 2019 masterclass paper SGCI Activity 12 - Submission of the final draft of the masterclass paper	Feb -Jul 2019  Aug - Dec 2019 Jan 2019 - Feb 2019  Jan 2019 - Jul 2019  Jan 2019 - Jul 2019  Feb 2019 - Jul 2019 Feb 2019 -	11,978  14,573.17  34,120.17  5,137.17 15,137.17 5,137.17			7,778	19,500





STRATEGIC OBJECTIVES	OUTCOMES	PLANNED ACTIVITIES	EXPECTED TIME FRAME	SGCI (US\$)	AFDB (EUR)	BiSEA (US\$)	OCEAN HUB (GBP)	EOA-I (US\$)
<b>Programmatic Objective 4: Knowledge brokerage, management and commercialization</b>								
	Promotion of local authors for the production of knowledge output for use within the continent Peer-reviewed knowledge products for distribution among science system actors Peer-reviewed knowledge products for distribution among science system actors		Nov 2019 Aug 2019 - Dec 2019					
D.3 Offer technology cooperation services between international investors and Africa countries and institutions	A mutually beneficial technical cooperation between African countries and international investors	Undertake scoping studies on specific client needs to inform investment decisions Facilitate bilateral agreements for technology transfer and cooperation between African countries and international investors Conduct trainings for personnel working in the interface of technology management	Jan - Dec 2019			5,200	10,000	2,500
<b>Programmatic Objective 5: Intra-Africa and Global Collaboration and Partnerships</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	Increased visibility and impacts of the ATPS at the national, regional and continental levels Better engagement of the national chapters that will lead to more meaningful impacts at various levels	Secure core funding supports from development partners to support the ATPS National Chapters Continually engage the ATPS National Chapters in the programmes of the ATPS and in forums at national, regional and continental levels	January 2019 to February 2019					
E.2 Mobilize financial resources to promote STI development in Africa	Improved well-being of the African people through development interventions and supports Increased partnerships and collaboration between and among like-minded institutions.	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 security; energy; environment and climate change; and health innovations Sign partnership agreements, and MOUs to promote partnerships and collaborations with other institutions						8,000
E.3 Support the implementation of the AU's Agenda 2063 and particularly the STISA 2024	Draft journal article Draft policy brief 2018 AF Proceedings report Final Masterclass paper	Submission of reports from the 2018 Masterclass paper and Annual Forum (AF)	January 2019 to February 2019					
	Confirmed theme and venue for 2019 ARM and AF.	Confirmation of the Theme and venue for the 2019 Annual Regional Meeting (ARM) and AF	January 2019 to Feb 2019					
	Journal article finalized and sent out for publication. Policy brief finalized and published	Finalization and submission of journal articles for publication	Feb 2019 to March 2019	-	-	-	-	-
	Concept Note and call for EOI for a SGCI Masterclass paper for 2019 developed and issued	Development of Concept Note and Expression of Interest (EOI) for the 2019 Masterclass paper	March 2019	40,719				
	Author(s) identified and commissioned	Selection for the author(s) of the masterclass paper completed	March 2018 to April 2019					



STRATEGIC OBJECTIVES	OUTCOMES	PLANNED ACTIVITIES	EXPECTED TIME FRAME	SGCI (US\$)	AFDB (EUR)	BiSEA (US\$)	OCEAN HUB (GBP)	EOA-1 (US\$)
<b>Programmatic Objective 5: Intra-Africa and Global Collaboration and Partnerships</b>								
	Draft Concept Note and Agenda for the 2019 ARM	Development of Concept Note and Agenda for the 2019 ARM	March 2019					
	First draft of the 2019 AF Concept Note shared	Development of Concept Note for the 2019 AF	June 2019	13,800				
	Participants' list Visa letters Invitation letters Flight tickets Accommodation Translation services Master of ceremony Exhibitions	Logistics and planning for the 2019 AF	June 2019 to August 2019	79,220				
	Series of draft papers submitted and revised	Follow up on the drafting of the 2019 master-class paper	April 2019 to August 2019					
	Final draft masterclass paper Draft journal article Draft policy brief	Submission of the final draft of the masterclass paper	Sept 2019 to Oct 2019					
	Proceedings report	2019 AF event and MEL	Nov 2019 to Dec 2019	6,000				
	Debrief and Summary reports submitted to IDRC/IMT	Preparation of summary report from the AF	December 2019	2000				
<b>Total Programmes</b>				US\$ 373,160	EUR 6,547	US\$ 68,263	GBP 423,186	US \$ 259,650
<b>Administration costs</b>				US \$ 30,300		US 960	GBP 15,767	US \$ 15,644
<b>GRAND TOTAL in USD</b>				US\$ 403,460	US\$ 7,529	US\$ 69,223	US \$ 576,157	US \$ 275,294

## APPENDIX 3.0: Work Plan for the period 01 January 2019- 31 December 2019

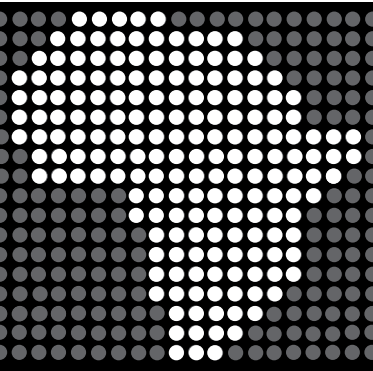
### SUMMARY OF THE 2019 ESTIMATED BUDGET

ESTIMATED INCOME	BUDGET (US\$)
African Development Bank (AfDB)	109,951.50
International Development Research Centre (IDRC)	263,100.00
BioInnovate	96,960.00
Ocean Hub	1,165,801.00
EOA-01	200,000.00
HIVOS	69,000.00
ATPS Contribution(Resource Mobilization)	269,150
AGRA	20,000.00
<b>Total Estimated Income</b>	<b>2,193,962.50</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**



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## **APPENDIX 7.0:**

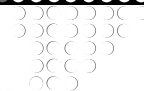
### **ATPS Secretariat Staff during the period of 1 January 2018 - 31 December 2018**

The ATPS Secretariat in 2018 include:

1. Dr. Nicholas Ozor - Executive Director
2. Dr. Ernest Acheampong- Senior Research Officer
3. Ruth Oriama- Research Officer
4. Mr. Alfred Nyambane-Research Officer
5. Bright Wekesa- Research Assistant Intern
6. Violet Nyabora- - Research Assistant Intern
7. Ms. Sharon Anyango- Communications and Outreach  
Assistant
8. Mathew Imulia- Information and Communication Technology  
Officer
9. Ms. Madonna Achieng- Acting Secretary/Cleaner
10. Philip Musembi – Finance and Administration Officer
11. Ms. Rachel Nzambi- Finance and Administrative Assistant
12. Mr. Peter Chege- Driver/Logistician



Science, Technology and Innovation for  
African Development







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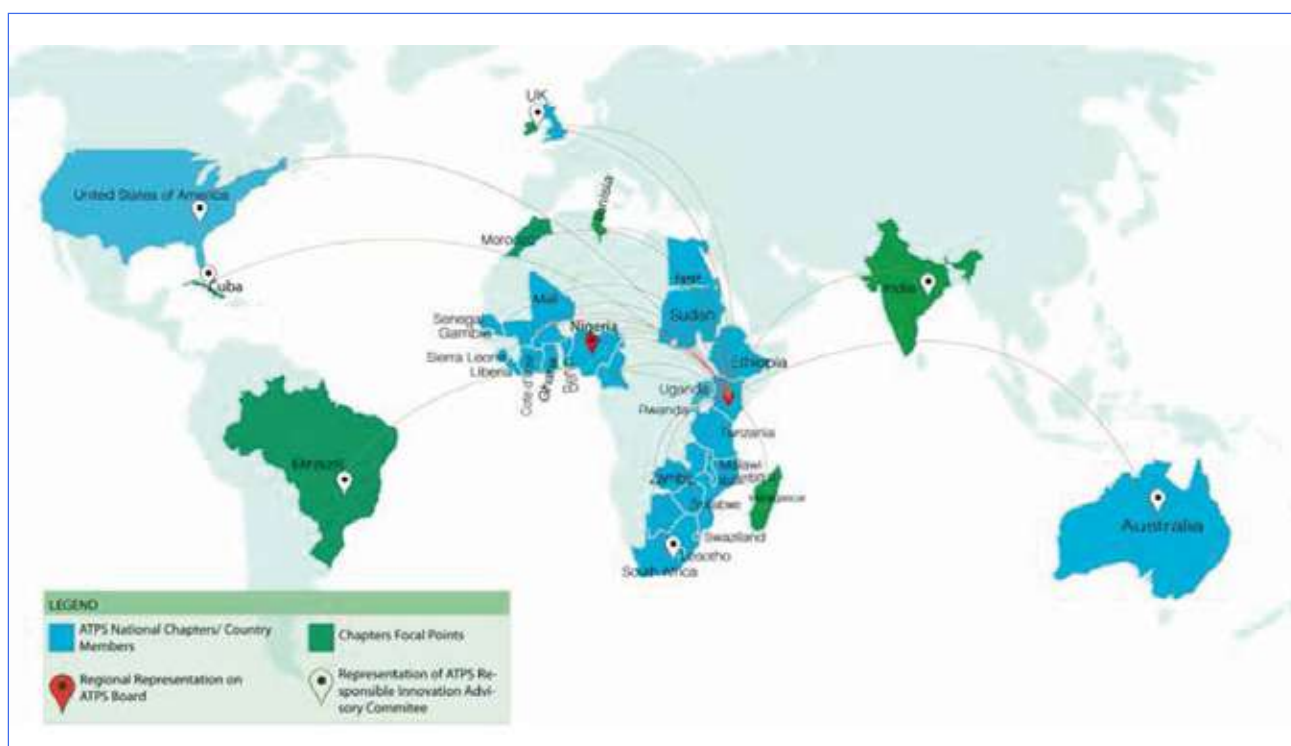
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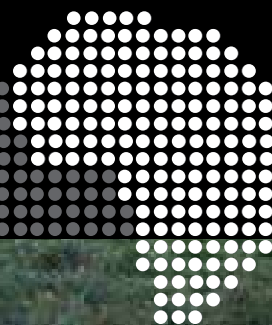
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African Technology Policy Studies Network



atpsnetwork's channel

