



Annual Report 2019

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 2019



ATPS 2019 Annual Forum Conference and Silver Jubilee Celebrations

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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
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

A woman wearing a red shirt and a colorful, striped headwrap is shown from the side, using a long wooden pestle to pound contents within a large, dark wooden mortar. The background is a lush green forest. The image is framed by a decorative border on the left with a pattern of green circles and leaves, and a purple dotted pattern on the right.

Chairman's Message

Science, Technology and Innovation for
African Development



Chairman's Message



Prof. Crispus Makau Kiamba
Board Chair

I am privileged to present you the Annual Report for the year 2019 on behalf of the board of directors. The year 2019 was a splendid one for the African Technology Policy Studies Network (ATPS). I extend my gratitude to the entire team and board at ATPS for working together to achieve this yet another incredible milestone

Across the globe today, there is a continued push and focus on urgent and deeper investments in Science, Technology and Innovation (STI). This is a pathway to build, maintain and secure a sustainable future more so in the developing nations. At ATPS, we always strive to support nations, governments and other key relevant stakeholders to engage in partnerships to leapfrog development. We continue to progressively implement our Phase VIII Strategic plan (2017-2022), which is the 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 with the Africa Union's Agen-

da-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. It also gives me great pleasure to note that this year also marked our Silver Jubilee anniversary of being Africa's top leading interdisciplinary network of Policy researchers in the areas of STI. As such, we held our 2019 Annual Forum, Conference and Silver Jubilee Celebrations at the end of October 2019 themed "Using Science, Technology and Innovation (STI) as a means for achieving the Sustainable Development Goals in Africa" in Nairobi to further discuss how STI can be deployed more effectively to achieve development in Africa. Most specifically, we presented and discussed several topical issues on how STI could be further deployed to more effectively achieve sustainable development in Africa. We also told the ATPS story in championing STI development in Africa for the last 25 years and celebrated and honored ATPS legends and champions. Lastly, I take this opportunity to pass my regards to the current leadership and staff at the ATPS for their resilience, determination and commitment to uplift ATPS to higher heights. On behalf of the Board of Directors, I do greatly appreciate all those who have supported the ATPS and continue to do so through development grants, linkages, partnerships and other collaborative mechanisms. We welcome other partners and donors to support our work; we pledge to deliver on all expectations that will eventually lead to improvements in the lives of people in Africa and beyond.

Prof. Crispus Makau Kiamba
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

I take this chance to recognize my able team for clicking this great milestone. Indeed, the year 2019 was a wonderful one for the African Technology Policy Studies Network (ATPS). We have had our share of achievements and challenges but our mission and vision was never filtered along the way. I appreciate you all

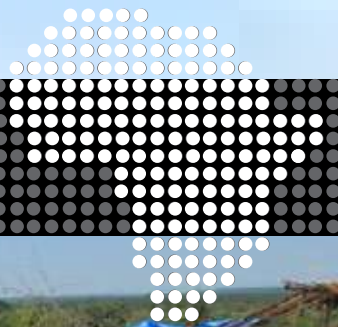
I am delighted to note that we have continued to aggressively pursue our vision of becoming the leading international center of excellence and reference in Science, Technology and Innovation (STI) systems research, training and capacity building, communication and sensitization, knowledge brokerage, policy advocacy and outreach in Africa. Some notable achievements, events and challenges

during this quarter are highlighted. The key activity that came up during this quarter was the ATPS Annual Forum, Conference and Silver Jubilee Celebrations themed "Using Science, Technology and Innovation (STI) as a means for achieving the Sustainable Development Goals (SDGs) in Africa" hosted in conjunction with our key partners in October 2019 at the Crowne Plaza Hotel, Nairobi, Kenya. The ATPS also held a Regional Workshop on Developing a Regional Innovation-led Bioeconomy Strategy for Eastern Africa from 30th September to 1st October 2019 at the Silver Springs hotel, Nairobi, Kenya. The project is being implemented in partnership with the East African Science and Technology Commission (EASTECO), Stockholm Environment Institute (SEI) Africa Centre, the Scinnovent Centre-Kenya and BioInnovations limited-Uganda with support from the BioInnovate Africa Programme. In our continuous efforts to bolster our internal capacity, I am pleased to welcome three new staff members into the ATPS Secretariat. Felix Musila joins ATPS as the Communications and Outreach Assistant, Damaris Kaseva as the Research Officer and Rachel Maluki as the Finance and Administrative Officer. The three of them have vast experience in their areas of expertise and I do request the ATPS fraternity to accord them the requisite support and cooperation as they go about discharging their official duties at the ATPS. We thank all our donors and partners and continue to solicit for their support to enable the ATPS to improve the quality of STI policy research, policymaking and implementation in Africa by building the capabilities to achieve sustainable development on the continent. We look forward to receiving your continued support in the coming years. Kindly join us to meet our mandate and serve you better.

Dr. Nicholas Ozor
Executive Director, ATPS



Science, Technology and Innovation for
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About ATPS



ATPS National Chapter Coordinators.

The 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

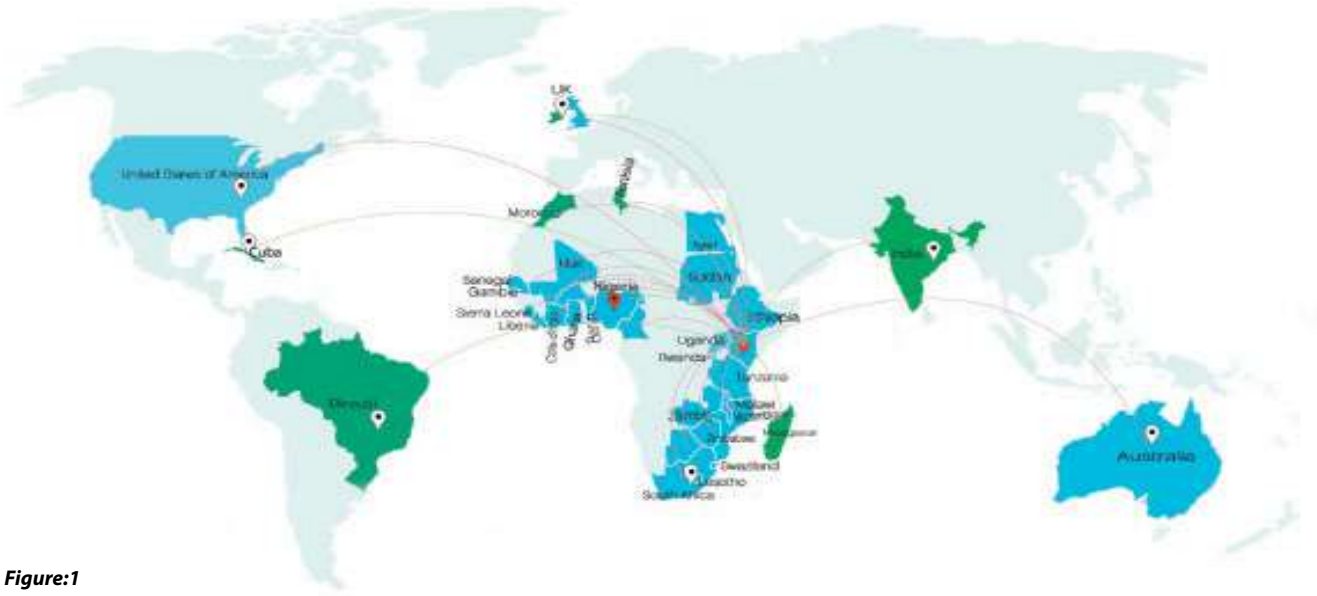


Figure:1

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



The Quadruple Helix

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



EXECUTIVE SUMMARY



Science Granting Councils Initiative Annual Forum 2019

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 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 (1st Jan 2019 to 31st Dec, 2019), 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 2019 – 31st December 2019. 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-in-

formed policies in the STI domain. The research team is tirelessly fundraising to increase resources that will assist ATPS achieve these objectives.

A number of proposals and Expressions of Interests were submitted by the end of December 2019. 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, the ATPS held a Regional Workshop on developing an innovation-led bioeconomy strategy for Eastern Africa in Nairobi. The East African Science and Technology Commission (EASTECO) led the project in partnership with the Stockholm Environment Institute (SEI) Africa Centre, the Scinnovent Centre-Kenya and Bioinnovations Company limited-Uganda with support of the Bioinnovate Africa Programme. This is intended to explore scenarios that start from the assumption that the emergence of a 'strong bioeconomy' will require the formulation of relevant strategies and policies; otherwise, a strong bioeconomy is unlikely to happen.

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: there have been minimal project implementation activities this year due to the project auditing process that took longer than anticipated. The key activities that have occurred are the finalisation of the ICE platform and the successful completion and submission of the first year audit. The African Development Bank has approved the report and ATPS is waiting for release of funds to finalise the pending activities. Due to these delays, ATPS applied for a no cost extension, which was granted by AfDB only run till end of October 2019. These pending activities include LandPKS training in Cameroon and Tunisia. Our partner Stockholm Environment Institute has some activities pending as well as due to non-release of funds. They are to develop a robust Climate change Adaptation toolkit.

The 2019 ATPS Annual Forum, Conference and Silver Jubilee Celebrations was held from the 30th -31st October 2019 in Nairobi, Kenya. The two-day event brought together stakeholders including network members, donors and financiers, beneficiaries and government officials from across Africa to discuss how STI can be deployed more effectively to achieve most of the development agenda in Africa including the Sustainable Development Goals (SDGs), the Africa's Agenda 2063, the African Development Bank (AfDB) Hi Five Priorities, and the national development agenda and visions in African countries. The theme of the conference was "Using Science, Technology and Innovation (STI) as a means for achieving the Sustainable Development Goals (SDGs) in Africa". ATPS used the

opportunity to tell ATPS's story as the premier STI organization and how far we have fared in our mandate of using science, technology and innovation as a means for achieving sustainable development in Africa.

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 University of Pennsylvania under the Think Tank and Civil Societies Program released the 2018 Global Go To Think Tank Index Report. 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.

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 2019 – 31st December 2019. 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

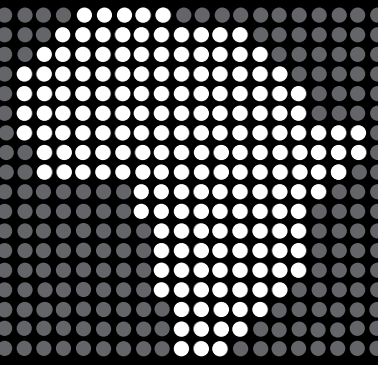


Science, Technology and Innovation for
African Development





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



Dr. Ozor Interacting with participants of the Workshop



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 2019 to 31 December 2019.

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



Dr. Ozor Awarding Participants Certificates

ATPS 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 was 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 outlined below:

- i. Finalisation of the ICE platform
- ii. Successful completion and submission of the first year audit
- iii. Stockholm Environment Institute developed a robust climate adaptation toolkit

1.1.1 Challenges

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

There were delays in the submission of outputs and accountability by some partners during the implementation of the project.

Frequent changes in the finance department had a significant impact on implementation of the project.

Delayed disbursement of funds by the donor had also at times disrupted the implementation of the project.

Challenges in selection of External Auditors for the project led to suspension of disbursement of funds to ATPS by AfDB until the audit report was submitted and accepted.

1.1..2 Achievements

1. Improved national and regional level data collection systems and synthesis for better deployment in decision making and

practice in Africa

2. 1,300 people were to benefit from climate information usage in Cameroon, Kenya, Malawi, Nigeria, and Tunisia. This target was surpassed after implementation of the project where more than 10,000 people were reached both directly and indirectly and are benefitting from climate data use using the various platforms and tools provided by this project.
3. Improved capacity of policymakers, scientists, extension agents and farmers to use climate information and technology tools for adaptation planning and decision-making
4. Strengthened information exchange and improved networking among stakeholders working on climate change adaptation in selected countries.

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 is 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 National Research Fund (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:

- i. 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;
- ii. 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;
- iii. 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
- iv. 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.



Group Picture for Silver Jubilee held at Crowne Plaza Nairobi

1.2.1 Challenges

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

- i. Last minute cancellation of flights from delegates invited for the conferences
- ii. 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.

1.2.2 Achievements

1. The Annual Fora and Masterclasses allowed for themed research to be conducted, whose priorities were decided by the councils. The recommendations offered were then communicated to the councils who were to set up institutionalization strategies.
2. All the communication events were planned and executed as per schedule
3. Learning, knowledge sharing and exchange took place during the AF and also increased collaborations between and amongst the Councils and other science system actors.

1.3 Development of implementation index and Tracking Tools for the Nationally Determined Contributions in Selected Eight Countries

This project sought to enhance the African Civil Society Organisations (CSO's) engagement in the climate governance discourse at national, regional and continental levels enabling them to be at the centre-stage in the continents acceleration on the transition to a

low carbon, climate resilient, sustainable development through the effective implementation of nationally Determined Contributions (NDCs). The project duration was 2019 and the grantor is the Pan African Alliance for Climate Justice (PACJA). The grant amount is 43,528 USD.

ATPS and PACJA were to jointly develop an NDC Implementation index and supporting data collection tools to monitor the implementation of NDCs in Africa in compliance with Paris-Agreement and with deep understanding of political economy of African countries with regard to NDCs and climate change governance, mapping of suitable tools, methods and indicators that exist and may be in use in Africa to improve accountability as well as defining and delineating the scope of NDCs implementation index including measures that will be used and dimensions that will be covered

The main objectives of this project are to develop the NDC implementation matrix and to develop the monitoring and tracking tools to support the index.

Other deliverables include:

1. An NDCs Implementation matrix
2. Final tools for monitoring and tracking implementation of NDCs in Africa
3. A clear guideline/manual on how to roll out the index and the tools
4. Final report including the political economy analyses

1.3.1 Challenges

1. There was some delays in regards to the timelines for the implementation of the project



1.3.2 Achievements

1. An NDCs Implementation matrix was developed
2. Final tools for monitoring and tracking implementation of NDCs in Africa was developed
3. Final report including the political economy analyses was done

1.4 An Institutional and Policy Assessment of the Agriculture Sector in Kenya – A “Systems-Level” Deep Dive

This project sought to conduct an institutional and policy assessment of Kenya's capacity to anchor agricultural development and transformation by identifying key policy implementation and institutional barriers and provide recommendations for a systematic transformation in the agricultural sector. The project duration was from 2018-2019 and the grantor was AGRA (Alliance for a Green Revolution in Africa). The grant amount is 20,000 USD. Specifically, the study aimed to:

- a) Review and analyze policy and institutional landscape of the agricultural sector in Kenya
- b) Align the outcomes from the policy and institutional analyses along 5 major functional components including: relevant national and sector policies and strategies; optimized enabling environment; sustainable implementation; coordinated investment and action and accountability for results.
- c) Provide actionable recommendations for the transformation of the agricultural sector in Kenya through policy and institutional adjustments for a strong agricultural sector

The expected outputs from this project were:

1. A country report with detailed analyses of the policy and institutional landscape of the agricultural sector and clear pathways to impact for the transformation of the sector
2. A matrix of recommendations across the five key components already identified
3. Top priority actions to take in the short, medium and long terms

Some specific project activities undertaken during this period are outlined below:

1. Desk studies
2. Key informant interviews
3. Focus Group Discussions targeting various actors in the Agriculture sector in Kenya. This was being implemented in 10 countries namely: Burkina Faso, Ethiopia, Kenya, Malawi, Mali, Mozambique, Nigeria, Rwanda, Tanzania and Uganda

1.4.1 Challenges

1. Poor monitoring and evaluation system to keep track of performance within the agricultural sector at the national and county levels remains a challenge

2. There are poor linkages between and among research institutions such as universities, national research organizations and international organizations that have led to inadequate collection of evidence to inform policies and institutional frameworks for service delivery.

1.4.2 Achievements

A final country report on the Institutional and Policy Assessment of the Agriculture Sector in Kenya was published

1.5 Civic Engagement for Open Contracting

This project sought to assess the levels of progress, innovations, collaborations and typologies of reforms that can be replicated and scaled up to advance open contracting in Africa. The project duration is August 2019-July 2020 and the grantor is Hivos. The grant amount is EUR 35,000.

Specifically, this study aims to:

1. Conduct an in-depth review of the state of open contracting in ten (10) African countries (Kenya, Uganda, Tanzania, Nigeria, Zambia, Malawi, Ghana, Senegal, Côte d'Ivoire and South Africa);
2. Conduct a comparative analysis of the state of open contracting in the selected African countries to identify and document what works, what doesn't work and why in the implementation of open contracting in the respective countries; and
3. Conduct lobbying and advocacy activities through the use of knowledge products to advocate for the uptake of open contracting in African countries

Expected Outputs/Deliverables

1. A comprehensive report of the status of open contracting in the selected African countries including a comparative analysis of the different countries, models adopted, good practices recorded, key challenges experienced, enablers and constrainers, and key recommendations going forward.
2. Policy briefs and communication materials to advocate for open contracting in Africa.

Some specific project activities undertaken during this period are outlined below:

1. The project team attended two capacity building workshops organized by Hivos in Quarter 1. The proposal development and refinement workshop that was held in Lukenya, Athi River, 6th-9th March 2019.
2. Open contracting data use workshop in Nairobi Intercontinental Hotel, on the 13th December 2019.
3. Desk studies and review of literature for the target countries were conducted.
4. Key target informants were identified. Interview tools were developed based on information and gaps identified in the desk



studies. Interview appointments made and were conducted by resource persons identified in the study countries. These were either ATPS national chapter coordinators or officers working under them.

1.5.1 Challenges

The COVID-19 global pandemic brought about the challenge in data collection

The COVID-19 pandemic brought about a shift in timelines of the project.

1.5.2 Achievements

The desk reviews and review of literature were successfully undertaken.

The project officer attended two capacity building workshops organised by the donor to enhance his capacity in proposal development and refinement and open contracting data use.

1.6 Mainstreaming Ecological Organic Agriculture Initiative (EOA-I) into the Agricultural Systems in Africa

The EOA-I aims to transform and create sustainable food systems through promoting ecologically sound strategies and practices among diverse stakeholders in production, processing, marketing and policymaking, to safeguard the environment, improve livelihoods, alleviate poverty and guarantee food security.

The overall goal of the initiative is to mainstream EOA into national agricultural production systems by 2025 in order to improve agricultural productivity, food security, access to markets and sustainable development in Africa. The project duration is from 2019 to 2023 and the grantor is Swiss Agency for Development and Cooperation (SDC). The grant amount is USD 684,310.

The activities of the project are outlined below:

1. Stakeholder Mapping and Analysis
2. Policy Reviews and Analysis focusing mainly in West and Southern Africa
3. Policy Sensitization on EOA-I
4. Advocacy and Lobbying to mainstream EOA-I into national, RECs and Continental policies, programmes and strategies
5. Development, Publication and Dissemination of Policy Briefs
6. Development of Partnership Agreements and Memoranda of Understanding (MoU) with regional and continental bodies, e.g. NEPAD
7. Targeted Communication Activities

The overall outcome from mainstreaming EOA-I into the AUC, NEPAD, UNECA, RECs and National Governments' Agenda will be a visible and well-integrated EOA-I programme at continental, regional and national levels that are capable of providing high quality

and nutritious food for improved health outcomes on the continent.

Some of the project activities undertaken during the period include:

1. Desk reviews have been undertaken in Kenya, Rwanda, Nigeria, Senegal and Benin
2. Stakeholder mapping and analysis is on-going.

1.6.1 Challenges

The workload was challenging as the countries being covered were numerous.

1.6.2 Achievements

The desk reviews were successfully undertaken,

The stakeholder mapping and analysis was also successfully undertaken.

1.7 Recirculate: Driving Eco-innovation in Africa: Capacity Building for a Safe Circular Water Economy

The Lancaster University, UK through its double award-winning Centre for Global Eco-innovation (GCE) aims to support high quality research partnerships with an aim of establishing the systems necessary to move from research to solutions and support the long-term transition from a resource to a knowledge based economy. Lancaster University is well known for translating high quality research into real world impacts. RECIRCULATE is funded by Research Councils UK through the Global Challenges Research Fund (GCRF) which has the stated aim of "Growing Research Capability to Meet the Challenges Faced by Developing Countries". In that sense, RECIRCULATE is quite different from many traditional research projects. While there is a clear research focus on a circular water economy there is also a broader underpinning aim to support new partnership-based approaches to enable African researchers and research institutions to grow transformational impact through (i) working with, in and for their communities and (ii) developing robust, durable and equitable partnerships with UK researchers. That aim certainly applies to water research but we see it as relevant to all disciplines and sectors if research is to underpin sustainable and equitable growth. The project duration is from 2017 to 2021 with the grantor being the global Challenges Research Fund (GCRF), UK. The grant amount is GBP 6.8 million.

The key objectives are outlined below:

- a) To understand how African eco-innovation systems work, how they differ from European models, and what new innovations would be needed to achieve SDGs 8 and 13.
- b) To grow the capacity and capability in Africa's eco-innovation community by developing and promoting new innovations through better-skilled people
- c) To establish African research organizations as 'anchor' institutions that drive and sustain change.
- d) To enable African researchers to co-design ambitious eco-innovation projects aimed at delivering a safe circular water



economy for Africa

e) To develop a long-term strategy to maintain and expand the scope and remit of the UK, Africa knowledge transfer on eco-innovation for achieving SDGs..

Some of the project activities under taken during the period include:

1. Ms. Nita Karume, ATPS Communications and Outreach Assistant attended the Capacity Building Training Workshop on 'Knowledge Exchange and Engagement' in Lilongwe, Malawi from Monday 25th March to Friday 29th March 2019.

1.7.1 Challenges

The timelines for the delivery of some of the outputs was tight

1.7.2 Achievements

The Communications and Outreach Assistant benefited from a Capacity Building Training Workshop on 'Knowledge Exchange and Engagement' in Lilongwe, Malawi. She gained skills in knowledge management that increased her capacity and expertise in that area.

1.8 Developing an Innovation-led BioEconomy Strategy for Eastern Africa (BISEA)

The Developing an Innovation-Led Bioeconomy Strategy for eastern Africa (BiSEA) is built on the premise that it is now high time for countries in the region to apply more systematically bio-based knowledge for economic transformations that will respond to local development needs. This will require long term planning and prioritization, investment in human capacity, S&T infrastructures, entrepreneurial capacity, innovation structures and enabling policy environment. This, in turn, requires strong leadership, government commitments, Overseas Development Assistance (ODA), public-private partnerships and most importantly long-term strategies. The project duration is from 2018 to 2021 and the donor is BioInnovate Africa Programme. The grant amount is USD 500,000.

The overall development objective of the proposed project is to develop, in close consultation with Science and Technology Councils and Commission and relevant ministries and stakeholders in all six BioInnovate countries, a regional innovation-driven bioeconomy strategy shared by the countries in the eastern Africa region. A strategy that can inspire and catalyse the development of national bioeconomy strategies and subsequent policy development and interventions that are able to create new jobs and a sustainable biobased and inclusive economic growth in the region.

The specific objectives are to:

a) Review the current bioeconomy landscapes of the participating nations, identifying key actors, institutions, networks and technological factors, their roles and relationships as well as assess policy options, gaps, challenges, and the competitive advantage of

these economies to spur bio-based economic growth in the region;

b) Building from the background policy and technological assessment, conduct empirical studies of strategic issues, components and factors enabling biobased economic growth in eastern Africa;

c) Building from the theoretical and empirical assessments, solicit inputs from stakeholders to ascertain the strategic goals, approaches and actions for the region that will be integrated into a draft regional bioeconomy strategy to catalyse and guide the development of national bioeconomy strategies and subsequent policies and actions;

Some of the project activities undertaken during this period are outlined below:

1. The ATPS held a Regional Workshop on developing a Regional innovation led Bioeconomy strategy for Eastern Africa at the Silver Springs hotel, Nairobi on the 30th September to the 1st October 2019. The East African Science and Technology Commission (EASTECO) led the project in partnership with the Stockholm Environment Institute (SEI) Africa Centre, the Scinnovent Centre-Kenya and BioInnovations Company Limited-Uganda with support of the Bioinnovate Africa Programme.

1.8.1 Challenges

The planning of the Regional Workshop was challenging because of the numerous logistics involved and tight timelines.

1.8.2 Achievements

The Regional Workshop was successfully held despite the challenges in organising it.



OBJECTIVE 2 - TRAINING, SENSITIZATION AND CAPACITY BUILDING



Tunisia participants keenly following during field demonstrations on the use of the LandPKS Mobile App to classify soil

The training, sensitization and capacity building objective is meant to improve and share the knowledge and skills of relevant stakeholders at individual and organizational levels in different aspects of STI policy research, policymaking and implementation.

The training, sensitization and capacity building objective is meant to improve and share the knowledge and skills of relevant stakeholders at individual and organizational levels in different aspects of STI policy research, policymaking and implementation.

2.1 Workshops, Conferences and Meetings

2.1.1 Regional Workshop on Developing a Regional Innovation-led Bioeconomy Strategy for Eastern Africa

The African Technology Policy Studies Network held a Regional Workshop on developing a Regional innovation led Bioeconomy strategy for Eastern Africa at the Silver Springs hotel, Nairobi on the 30th September to the 1st October 2019. The East African Science and Technology Commission (EASTECO) led the project in partnership with the Stockholm Environment Institute (SEI) Africa Centre, the Scinnovent Centre-Kenya and BioInnovations Company Limited-Uganda with support of the Bioinnovate Africa Programme. The Futures Literacy Laboratory starts from the premise that the

emergence of a 'strong bioeconomy' would at once constitute a significant economic transformation and potentially drive such transformation. Further this Lab is intended to explore scenarios that start from the assumption that the emergence of a 'strong bioeconomy' will require the formulation of relevant strategies and policies, otherwise a 'strong bio economy is unlikely to happen. The Lab is designed according to the principles of action research, action learning and takes into account distinctive anticipatory systems.

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 Bioinnovate Africa Financial Management Training for Accountants

The ATPS Finance department staff Phillip Musembi benefited from a financial management course dubbed the Bioinnovate Africa Financial Management training for Accountants. The training was aimed at improving the capacity of accountants on reporting on donor-funded projects while also improving on their general financial management skills and reporting.



'Use of technology to improve yields in Kenyan farms'

OBJECTIVE 3 - YOUTH AND GENDER EMPOWERMENT (YGEP)

The youth and gender empowerment objective aims to provide platforms for investing in African youth and women to be able to effectively harness their enormous potentials create wealth and maintain socioeconomic and political stability on the continent.

3.1 ATPS Youth Internships

It is the mandate of ATPS to build the capacity of the youth through ATPS graduate internship program, however during the reporting period ATPS did not recruit any graduate interns. This was due to the fact that no opportunities arose for internships.

3.2 Fellowship program

During the reporting period the ATPS has not nominated any staff for any fellowship program. However, the ATPS continues to diligently scout for any future opportunities that may arise in that regard.

OBJECTIVE 4 - KNOWLEDGE BROKERAGE, MANAGEMENT AND COMMERCIALIZATION

This objective aims to ensure that there is effective and efficient process of identification, sharing, deployment and diffusion of appropriate scientific knowledge, technologies and innovations to improve the well-being of the African people. This is in line with SDGs 8, 9, 10 and 11 targets of sustained, inclusive and sustainable economic growth, promote inclusive and sustainable industrialization and foster innovation, reducing inequality within and among countries and making cities and human settlements inclusive, safe,

resilient and sustainable.

4.1 Publications

A number of publications have been made as follows:

1. Mugwagwa, J., Banda, G., Ozor, N., Bolo, M., and Oriama, R., (2019). New Approaches for Funding Research and Innovation in Africa. ISBN: 978-9966-124-98-2 ATPS Research Paper no. 30. Available at: <https://atpsnet.org/wp-content/uploads/2020/07/RPS-30.pdf>
2. Mugwagwa, J., Banda, G., Ozor, N., Bolo, M., and Oriama, R., (2019). Nouvelles Approches de Financement de la Recherche et de l'Innovation en Afrique. ISBN: 978-9966-124-99-9 ATPS Research Paper no. 31. Available at: <https://atpsnet.org/wp-content/uploads/2020/07/RESEARCH-PAPER-FRENCH.pdf>
3. Mugwagwa, j., Banda, G., Ozor, N., Bolo, M., and Oriama, R., (2019). New Approaches for Funding Research and Innovation in Africa. ISBN: 978-9966-124-99-9 ATPS Technopolicy Brief no. 50. Available at: <https://atpsnet.org/wp-content/uploads/2020/07/PB-50-1.pdf>
4. Mugwagwa, G., Banda, G., Ozor, N., and Oriama, R., (2019). Nouvelle Approches de Financement de la Recherche et de l'innovation en Afrique. ISBN: 978-9966-124-95-1 ATPS Technopolicy Brief no 51.
5. ATPS (2019) LandPKS Training Manual, ISBN: 978-9966-124-96-8 Available at: <https://atpsnet.org/wp-content/uploads/2020/05/LandPKS-Training-Manual-English.pdf>
6. ATPS (2019) LandPKS Manuel de formation, ISBN: 978-9966-124-96-8



7. ATPS Technopolicy Newsletter Issue No 014, March 2019. ISBN: 978-9966-030-99-7 Available at: https://atpsnet.org/wp-content/uploads/2019/05/March-newsletter-FINAL-_2.pdf
8. ATPS Technopolicy Newsletter Issue No 015, July 2019. ISBN: 978-9966-124-97-5 Available at: https://atpsnet.org/wp-content/uploads/2019/08/July-Newsletter_1.pdf

OBJECTIVE 5 INTRA-AFRICA AND GLOBAL COLLABORATION AND PARTNERSHIPS

This objective aims to facilitate the culture of networking, symbiotic collaboration and partnership within and amongst STI stakeholders in Africa and internationally in order to foster innovation, technology development and deployment, and innovation diffusion in Africa. The ATPS continues to consolidate partnership and cooperation with relevant STI institutions globally.

5.1 Partnership Agreement between the ATPS and ASTEVEN Renewable Energy Academy (ASREA) in Nigeria

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.

5.2 2019 ATPS Annual Forum, Conference and Silver Jubilee Celebrations

The 2019 ATPS Annual Forum, Conference and Silver Jubilee Celebrations was held from the 30th -31st October 2019 in Nairobi, Kenya. The two-day event brought together stakeholders including network members, donors and financiers, beneficiaries and government officials from across Africa to discuss how STI can be deployed more effectively to achieve most of the development agenda in Africa including the Sustainable Development Goals (SDGs), the Africa's Agenda 2063, the African Development Bank (AfDB) Hi Five Priorities, and the national development agenda and visions in African countries. The theme of the conference was **"Using Science, Technology and Innovation (STI) as a means for achieving the Sustainable Development Goals (SDGs) in Africa"** ATPS used the opportunity to tell ATPS's story as the premier STI organization and how far we have fared in our mandate of using science, technology and innovation as a means for achieving sustainable development in Africa. Most specifically, the following

objectives were met during the event:

1. Present and discuss relevant and topical issues on how STI can be further deployed to more effectively achieve sustainable development in Africa
2. Tell ATPS's story in championing STI development in Africa for 25 years
3. Relaunch the ATPS Phase VIII Strategic Plan 2017-2022
4. Provide opportunity for networking among STI stakeholders across the continent and beyond.
5. Present papers that address the main theme and subthemes of the conference
6. Celebrate and honour ATPS Legends and Champions

The forum also sought to have increased and renewed recognition and deployment of STI as a means for achieving sustainable development in Africa by policymakers, science experts, private sector actors and civil society actors; and also strengthened networks amongst STI actors in Africa.

Papers on the following sub-themes were also presented during the conference:

1. Science, technology and innovation priorities for Africa's development
2. The Fourth Industrial Revolution and Africa's Readiness
3. Improving Africa's Intra-Africa Trade using science, technology and innovation
4. Funding science, technology and innovation priorities for Africa's development
5. Gender and inclusivity in science, technology and innovation

The partners of the event were:

- Government of Kenya
- Government of Nigeria
- AFREXIMBANK
- African Economic Research Consortium (AERC)
- African Academy of Sciences (AAS)
- Stockholm Environment Institute, Africa Centre (SEI-Africa)
- Kenya Film Classification Board (KFCB)



6.0 - MONITORING, EVALUATION AND AUDIT



ATPS is Awarded the Tekeleza Award for Climate Information

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

Karume left the organisation as the Communications and Outreach Assistant on August 30th 2019 and was replaced by Felix Musila as the new Communications and Outreach Officer in 1st September 2019. Damaris Kaseva also joined the ATPS fraternity in 23rd September 2019 as a Research Officer. The finance department was also affected as the Finance & Administration Assistant Nancy Wesaonga left the organisation on the 30th September 2019 and was replaced by Ms. Rachel Maluki as the new Finance & Administration Assistant.

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



ATPS 2019 Annual Forum Conference and Silver Jubilee Celebrations

The 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 2020. The ATPS also held its 2019 Annual Forum, Conference and Silver Jubilee Celebrations from the 30th -31st October 2019 in Nairobi, Kenya under the theme Using Science, Technology and Innovation (STI) as a means for achieving the Sustainable Development Goals (SDGs) in Africa.

The implementation of the Networking Science Granting Councils in Africa project progressed well with the hosting of the Annual Forum in Dar es Salaam, Tanzania in the month of November. The efforts of ATPS continue to be recognized worldwide with ATPS emerging the top STI think tank in Africa according to the 2018 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

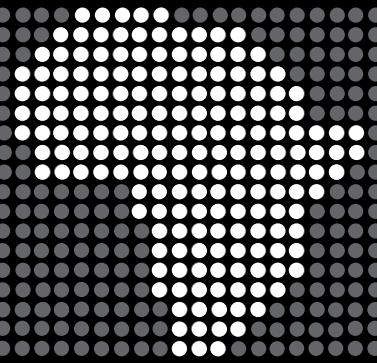
1. APPENDIX 1: ATPS Financial Statements
2. APPENDIX 2: Grants Received in 2019
3. APPENDIX 3: Work Plan and Budget for the period
01 January – 31 December 2020
4. APPENDIX 4: ATPS Board Members
5. APPENDIX 5: ATPS Responsible STI Advisory Committee
6. APPENDIX 6: ATPS Regional Steering Committee Members
7. APPENDIX 7: ATPS Secretariat Staff during the period of
01 January 2019 - 31 December 2019
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 2019

	Note	2019 US\$	2018 US\$
INCOME			
Grant Income	4	413,676	667,977
Other Income	5	20,862	3,486
Finance Income	6	(1,291)	(1,476)
		<u>433,246</u>	<u>669,987</u>
OPERATING EXPENSES			
Project Expenditure	7	(427,205)	(470,326)
General administration	7	(143,449)	(145,987)
		<u>(570,654)</u>	<u>(616,313)</u>
(DEFICIT) / SURPLUS FOR THE YEAR		<u>(137,408)</u>	<u>53,674</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 2019

ASSETS	Note	2019 US\$	2018 US\$
Non-current assets			
Motor vehicles and equipment	9	7,101	5,726
Intangible assets	10	<u>6,036</u>	<u>4,352</u>
		<u>13,137</u>	<u>10,078</u>
Current Assets			
Other receivables	12	43,850	61,330
Bank and cash balance		<u>44,404</u>	<u>133,244</u>
		<u>88,254</u>	<u>194,574</u>
Total assets		<u>101,391</u>	<u>204,652</u>
FUNDS AND LIABILITIES			
Funds			
Accumulated Fund		<u>(122,581)</u>	<u>26,489</u>
Current Liabilities			
Payables and accruals	13	<u>223,972</u>	<u>178,163</u>
		<u>223,972</u>	<u>178,163</u>
Total funds and liabilities		<u>101,391</u>	<u>204,652</u>

The financial statements on pages 36 to 52 were approved by the Directors on 8th March 2021 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 2019

	General Fund US\$
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><u>26,489</u></u>
At 1 January 2019	26,489
Prior year adjustment	(11,662)
As restated	<u>14,827</u>
Surplus / (deficit) for the year	(137,408)
At 31 December 2019	<u><u>(122,581)</u></u>



APPENDIX 1.0: Financial Statements

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

STATEMENT OF CASH FLOWS FOR THE YEAR ENDED 31 DECEMBER 2019

	Note	2019 US\$	2018 US\$
OPERATING ACTIVITIES			
(Deficit)/Surplus for the year		(137,408)	53,674
Adjustments for:			
Depreciation		2,884	6,924
Amortisation		894	1,712
Prior year adjustment			60,914
Operating (deficit)/surplus before working capital changes		(133,630)	123,224
(Increase) / Decrease in other receivables		5,817	(28,826)
Increase/(Decrease) in payables and accruals		45,809	(10,646)
Net cash used in operating activities		(82,004)	83,752
INVESTING ACTIVITIES			
Purchase of furniture and equipment		(6,837)	(5,799)
Net cash outflow from investing activities		(6,837)	(5,799)
(Decrease)/Increase in cash and cash equivalents		(88,841)	77,953
Cash and cash equivalents at 1 January		133,245	55,292
Cash and cash equivalents at 31st December		44,404	133,245
Represented by:			
Bank and cash balances		44,404	133,244

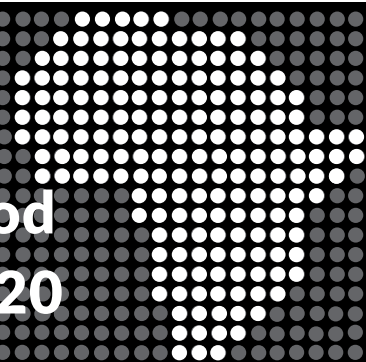


Appendix 2.0: Grants Received in 2019

S/N	Title of Grant	Donor	Amount
1	Mainstreaming Ecological Organic Agriculture (EOA) into Agricultural System in Africa	Swiss Agency for Development and Cooperation (SDC) through Biovision Africa Trust (BvAT)	USD 200,000
2	ATPS Silver Jubilee Celebration	Dutch Bank Trust Company	USD 2,000.00
3	ATPS Silver Jubilee Celebration	African Economic Research	USD 9,994
4	Embracing Open Contracting in Africa	Humanist Institute for Co-operation with Developing Countries - HIVOS	USD 41,089.83
5	ATPS Silver Jubilee Celebration	AFREXIMBANK	USD 60,000.00
6	Development of the NDCs implementation Index, Monitoring and tracking tool	Pan African Climate Justice Alliance (PACJA)	USD 21,000
Total			USD 334,083.83



Appendix 3.0: Work Plan and Budget for the Period 01 January 2020 - 31 December 2020





APPENDIX 3.0: Work Plan and Budget for the period 01 January 2020 - 31 December 2020

STRATEGIC OBJECTIVES	OUTCOMES	PLANNED ACTIVITIES	EXPECTED TIME FRAME	SGCI (US\$)	AFDB (EUR)	BiSEA (US\$)	OCEAN HUB (GBP)	EOA-I (US\$)
Programmatic Objective 1: STI policy research, policymaking and advocacy								
A1. Undertake STI policy research and capacity building in selected sectors to generate evidence-based knowledge for policy and decision-making	<p>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</p> <ul style="list-style-type: none"> • Status of EOA policies and institutions report in the target countries, what works, what doesn't and why • A report/on Bio economy related policies, regulatory framework, governance structure, government and other initiatives in the region to be directly integrated into the strategy • Report on future potential, opportunities for bio-based economic growth and Bio economy pathways in the six Bio-Innovate countries <p>Reviewed policy landscape on oceans</p> <p>Journal articles finalized and sent out for publication</p>	<p>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)</p> <p>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)</p> <p>BiSEA - Activity 2.1: Situation Analysis of the Bio economy in the Region</p> <p>BiSEA - Activity 4.1: Developing scenarios and suggestion pathways for bio based growth in the region</p> <p>Desk Research ,Focus group discussion & Key informant interviews</p> <p>Writing and submission of journal articles for publication.</p>	<p>Jan 2019 - Dec 2019</p> <p>Jan 2019 - Dec 2019</p> <p>Feb 2019 - Aug 2019</p> <p>Feb 2019 - Aug 2019</p> <p>Jan - Dec 2019</p>	8,100	200	35,200	27,863	269,475
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			Jan - Dec 2019					
B2 Undertake training, sensitization and capacity building for relevant stakeholders on STI related issues	<p>A generic Climate Adaptation Toolkit</p> <p>Procurement plans</p> <p>Invoices, Receipts.</p> <p>Progress reports, Financial reports</p> <p>Tickets</p> <p>Accommodation</p> <p>Project presentation</p>	<p>B.2.8 Implement procurement and financial transactions for project implementation</p> <p>B.2.9 Prepare progress and quarterly reports for monitoring and evaluation</p> <p>B.2.10 Project Presentation in Abidjan, Cote D'Ivoire</p>	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	<p>Increased youth and women participation in STI with improved capacity to undertake research, policy and practice for sustainable development</p> <p>Increased opportunity for knowledge sharing, networking and collaboration among African youth and women</p> <p>Increased ability of African youth and women to innovate and solve</p>	<p>C.1.1 Mobilize youth and women and empower them to harness opportunities in agriculture, energy, environment and health for development</p> <p>C.1.2 Support regional knowledge sharing and cooperation among youth and women</p> <p>C.1.3 Provide targeted training and capacity building programmes in specialized STI areas</p> <p>C.1.4 Offer fellowships, internships and mento-</p>	Jan - Dec 2019				23,333	36,526
								10,101



STRATEGIC OBJECTIVES	OUTCOMES	PLANNED ACTIVITIES	EXPECTED TIME FRAME	SGCI (US\$)	AFDB (EUR)	BiSEA (US\$)	OCEAN HUB (GBP)	EOA-I (US\$)
Programmatic Objective 1: STI policy research, policymaking and advocacy								
	societal challenges	ring services C.1.5 Reward and celebrate African youth and women inventors and innovators					4,941	
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				14,000 4,941	
Programmatic Objective 4: Knowledge brokerage, management and commercialization								
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 2019 - Jul 2019 Feb -Jul 2019 Aug - Dec 2019	4,941 14,000 4,941 5,137.17 5,137.17 89,494.34 38,009.17			-	
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	Jan 2019 - Feb 2019 Jan 2019 - Jul 2019 Jan 2019 - Jul 2019 Feb 2019 - Jul 2019 Feb 2019 - Nov 2019 Aug 2019 - Dec 2019	11,978 14,573.17 34,120.17 5,137.17 5,137.17 15,137.17 5,137.17				



STRATEGIC OBJECTIVES	OUTCOMES	PLANNED ACTIVITIES	EXPECTED TIME FRAME	SGCI (US\$)	AFDB (EUR)	BiSEA (US\$)	OCEAN HUB (GBP)	EOA-I (US\$)
Programmatic Objective 4: Knowledge brokerage, management and commercialization								
	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							
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
Programmatic Objective 5: Intra-Africa and Global Collaboration and Partnerships								
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						
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					
	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-I (US\$)
Programmatic Objective 5: Intra-Africa and Global Collaboration and Partnerships								
	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 Participants' list Visa letters Invitation letters Flight tickets Accommodation Translation services Master of ceremony Exhibitions	Development of Concept Note for the 2019 AF Logistics and planning for the 2019 AF	June 2019 June 2019 to August 2019					
	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					
	Debrief and Summary reports submitted to IDRC/IMT	Preparation of summary report from the AF	December 2019					
Total Programmes				US\$ 373,160	EUR 6,547	US\$ 68,263	GBP 423,186	US \$ 259,650
Administration costs				US \$ 30,300		US 960	GBP 15,767	US \$ 15,644
GRAND TOTAL in USD				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 2020- 31 December 2020

SUMMARY OF THE 2020 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
Total Estimated Income	2,193,962.50



Appendix 4.0: 2019 ATPS Board Members



Prof. Crispus Makau Kiamba
Chair person



Dr. Akanimo Odon
Director



Prof. Azikiwe Peter Onwualu
Director



Dr. El Tayeb Mustafa
Director



Dr. George Owusu Essegbey
Director



Prof. Chinwe Ifejika Speranza
Director



Dr. Nicholas Ozor
Executive Director and Secretary



APPENDIX 5.0:

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APPENDIX 6.0:

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APPENDIX 7.0:

ATPS Secretariat Staff during the period of 1 January 2019 - 31 December 2019

The ATPS Secretariat in 2019 include:

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2. Ruth Oriama- Research Officer
3. Mr. Alfred Nyambane-Research Officer
4. Damaris Kaseva - Research Officer
5. Felix Musila - Communications and Outreach Assistant
6. Mathew Imulia- Information and Communication Technology Officer
7. Philip Musembi – Finance and Administration Officer
8. Ms. Rachel Nzambi- Finance and Administrative Officer
9. Ms. Madonna Achieng- Acting Secretary/Cleaner
10. Mr. James Mburu - Driver/Logistician



Science, Technology and Innovation for
African Development





APPENDIX 8.0: ATPS National Chapters Coordinators

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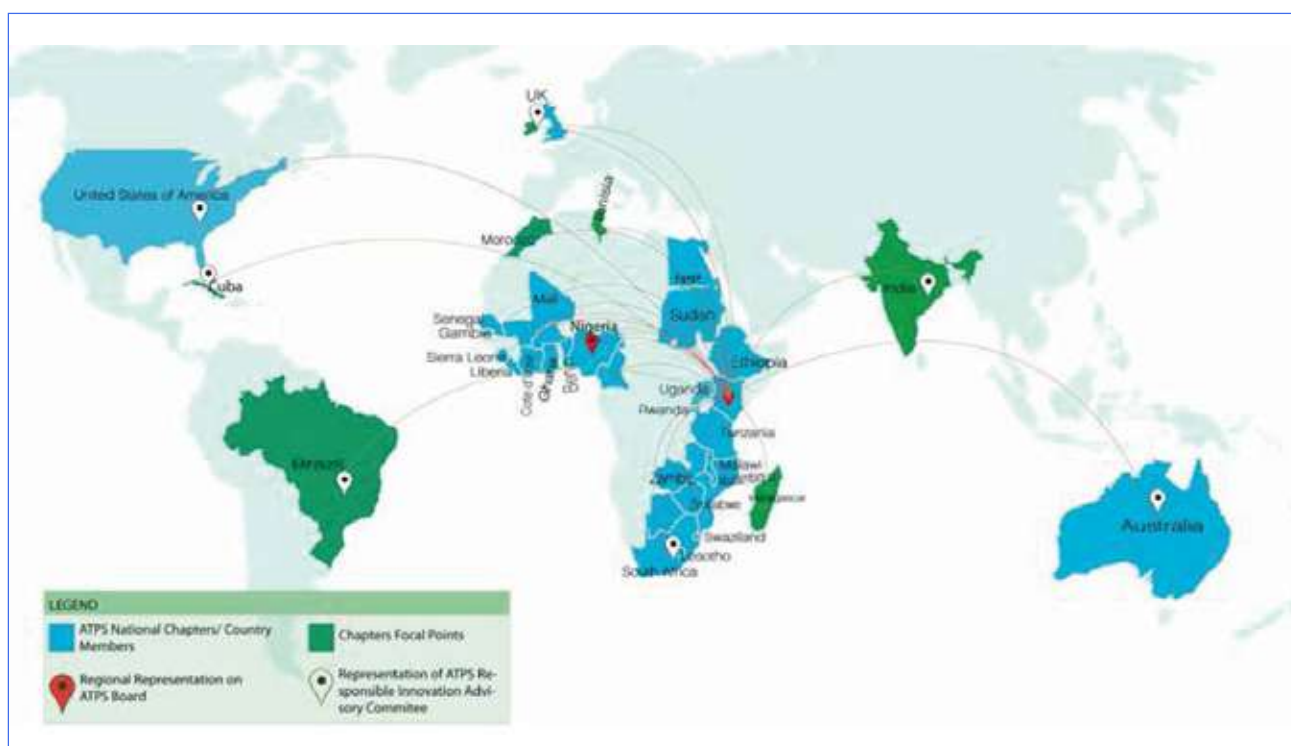
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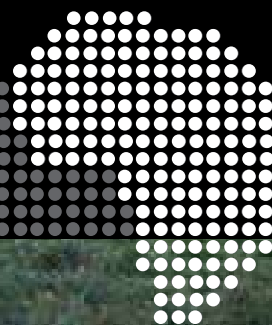
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