



ATPS ANNUAL Report 2023

The ATPS Annual Report 2023 highlights the organization's continued efforts to advance Science, Technology, and Innovation (STI) for sustainable development across Africa through key projects, partnerships, policy and capacity-building initiatives.



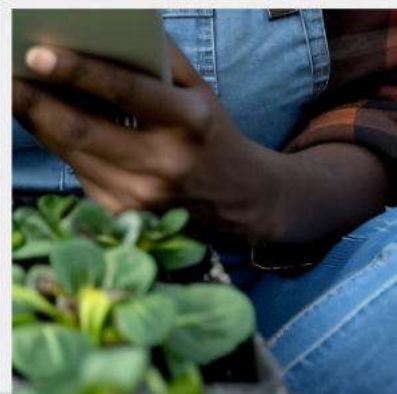
Policy



Transdisciplinary



Capacity Building



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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 training, science and communication/dissemination and sensitization, participatory multi-stakeholder dialogue, knowledge brokerage, and policy advocacy.

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ACRONYMS AND ABBREVIATIONS

AfDB	African Development Bank
AI4AFS	Artificial Intelligence for Agriculture and Food Systems
ATPS	African Technology Policy Studies Network
ICIPE	International Centre of Insect Physiology and Ecology
IDRC	Canada's International Development Research Centre
IPAR	Initiative Prospective Agricole et Rurale
M&E	Monitoring and Evaluation
NDC	Nationally Determined Contribution
NGOs	Non-Governmental Organizations
PACJA	Pan African Climate Justice Alliance
Sida	Swedish International Development Agency
STI	Science, Technology and Innovation
TIDE	Technological Innovation Development in Africa to Enhance Employability, Entrepreneurship and Job Creation
UPTIER	Understanding the Policy and Institutional Landscape for Technological Innovation Development in Africa to Enhance Youth Employability, Entrepreneurship and Job Creation
WAGEDI	West Africa Green Economic Development Institute

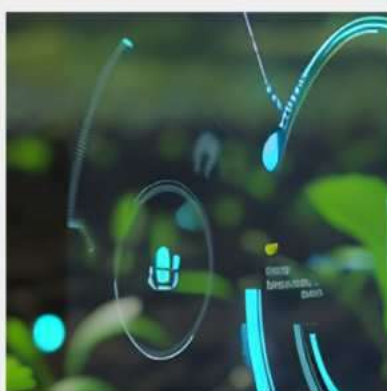
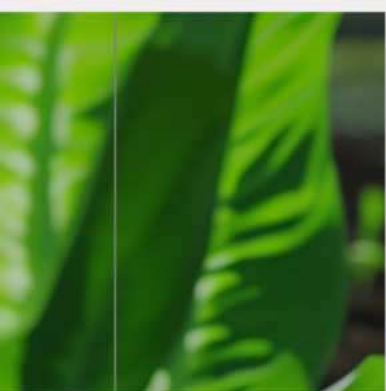
Chairman's Message

Science, Technology, and Innovation for Sustainable Development in Africa



Stakeholder Engagement

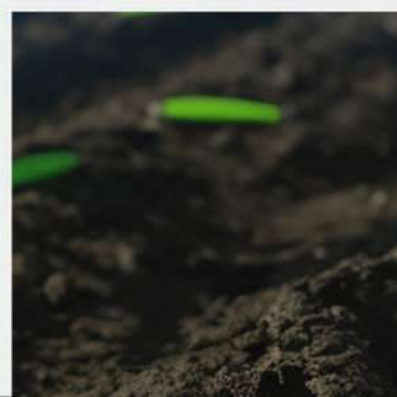
Ministry of Science, Technology and Innovation



Innovation
Culture



Digital
Transformation





Prof. Crispus Kiamba
Chairman, ATPS Board of Directors

It gives me great pleasure to present to you the 2023 Annual Report of the African Technology Policy Studies Network (ATPS).

Guided by our enduring vision to harness Science, Technology, and Innovation (STI) for sustainable development in Africa, ATPS continues to provide a platform that unites researchers, policymakers, industry leaders, and civil society to co-create solutions to the continent's most pressing challenges.

The year 2023 marks a significant milestone for the organization with the launch of our Phase IX Strategic Plan (2023–2028), which sets a bold and forward-looking agenda to deepen impact, scale innovation, and strengthen systems that support STI policy and practice across Africa.

Throughout 2023, ATPS remained active across its priority sectors, advancing knowledge generation, evidence-based policymaking, institutional capacity building, and inclusive stakeholder engagement. This report highlights the breadth of our work, the partnerships that made it possible, and the outcomes achieved in line with our strategic objectives.

As we reflect on this year's accomplishments, we do so with renewed determination to sustain the momentum and build resilient, knowledge-based economies through STI.

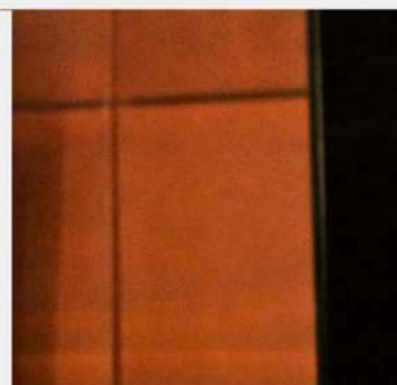
I would like to sincerely thank our stakeholders, partners, and the ATPS Secretariat for their dedication, collaboration, and shared commitment to transformative change across the continent.

Executive Director's Message

Science, Technology, and Innovation for Sustainable Development in Africa



Sustainable Development



Think Tank



Youth & Gender Empowerment





Prof. Nicholas Ozor
Executive Director, ATPS

As we reflect on the year under review, I am pleased to share key highlights from the African Technology Policy Studies Network (ATPS) Annual Report for the period 1st January to 31st December 2023. This report details the significant strides we have made towards our goals.

This past year has been pivotal for ATPS, marked not only by continued progress across our projects and programs but also by the successful launch of our Phase IX Strategic Plan (2023–2028). This new strategic direction positions us to deepen our impact, foster innovation, and strengthen our role as a continental leader in advancing Science, Technology, and Innovation (STI) for sustainable development in Africa.

In 2023, ATPS implemented a number of key initiatives focused on climate change adaptation, responsible artificial intelligence, capacity building for NDC tracking, and an ambitious initiative that aims to provide the requisite training and technical support needed to strengthen national research and innovation funding agencies in six participating West African countries. Through this project, ATPS is helping to align institutional frameworks, enhance funding efficiency, and build lasting capacity in support of science-led development.

We continued to navigate financial and institutional challenges with resilience, thanks to the unwavering dedication of our staff and the support of our partners. Our efforts in resource mobilization and strategic partnerships have resulted in new funding opportunities and reinforced collaborations that will drive our work forward.

Looking ahead, we remain focused on delivering evidence-based solutions, strengthening institutional capacities, and empowering African voices in global STI discourse. With the collective support of our stakeholders, I am confident that ATPS will continue to be a catalyst for transformative change across the continent.

I extend my sincere appreciation to our Board of Directors, partners, donors, staff, and all those who continue to believe in and support the ATPS vision.

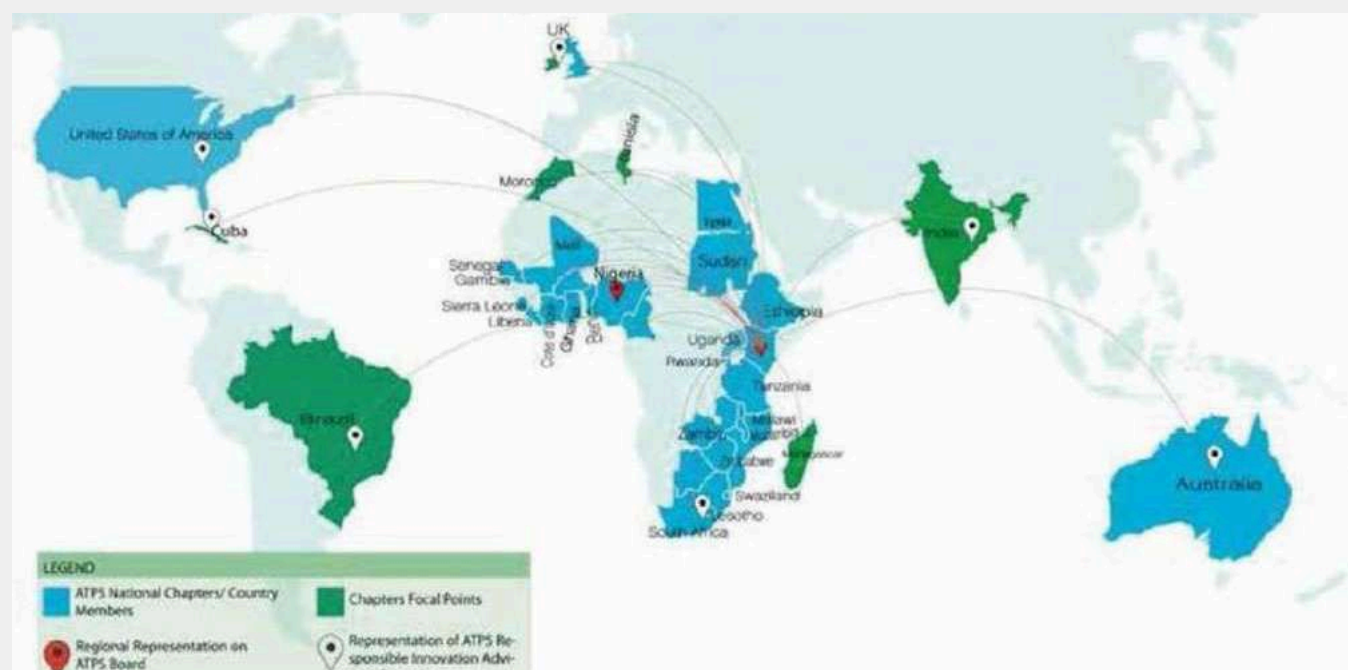
About ATPS

The African Technology Policy Studies Network (ATPS) is not just a network; it's a dynamic force driving African development, environmental sustainability, and global inclusion through the power of Science, Technology, and Innovation (STI). Since its establishment in 1994, ATPS has been at the forefront of building capacities and fostering innovation for sustainable development across the continent.

From its humble beginnings with a handful of members in seven African countries, ATPS has evolved into an international powerhouse. With its headquarters nestled in Nairobi, Kenya, ATPS enjoys the privileges and diplomatic immunities reserved for prestigious international organisations. With members spanning 30 countries, including diaspora chapters in Australia, the United States, and the United Kingdom, ATPS is poised to extend its reach and impact across the entire African continent.

But ATPS is more than just a network; it's a catalyst for change. Through robust research, targeted capacity building, and engaging science communication efforts, ATPS empowers stakeholders to harness the transformative potential of STI. By facilitating multi-stakeholder dialogues, fostering knowledge exchange, and advocating for evidence-based policies, ATPS creates an environment where innovation thrives and sustainable development becomes a reality.

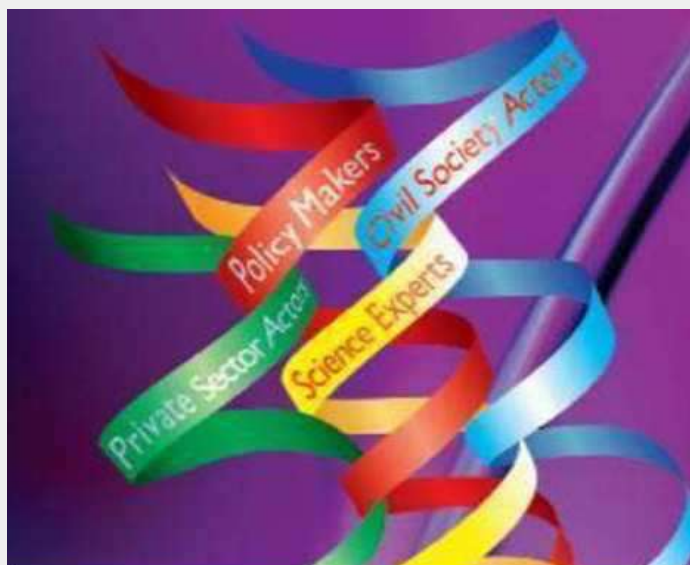
In collaboration with like-minded institutions, ATPS serves as a hub for regional and international research partnerships, driving collective action towards a common goal: leveraging STI for the sustainable development of Africa. With ATPS leading the charge, the future of African development is brighter than ever before.



ATPS Unique Niche

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

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



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.

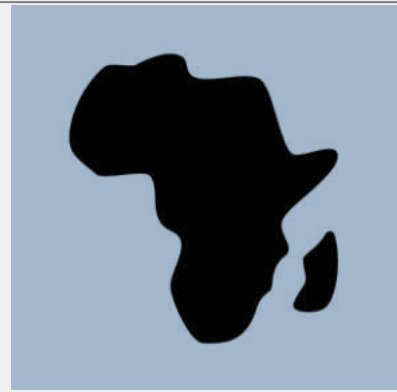
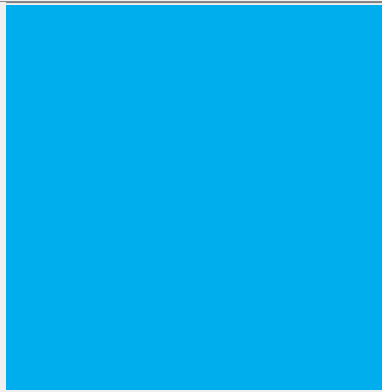
Unlike many policy institutions, the ATPS membership is composed of all key actors in an innovation system: policymakers, science experts, private sector actors and the civil society. This unique composition provides great opportunities for collaboration and cooperation amongst the quadruple helix in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



This ensures that ATPS policy research outputs are co-produced in dynamic and reflective participation with all the key actors in the innovation system bridging the gaps between policy research, policymaking and policy practice. Today, the ATPS has over 5000 members and 3000 stakeholders in over 51 countries in 5 continents with institutional partnerships worldwide. According to the 2021 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 2020 Global Go To Think Tank Index can be accessed at: [2020 Global Go To Think Tank Index Report \(upenn.edu\)](https://www.upenn.edu/global-go-to-think-tank-index-report).



Dr. Cynthia Ebere Nwobodo, ATPS Postdoctoral Research Officer, leads a session during a Validation Workshop in Accra, Ghana.



Executive Summary

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, policymakers, 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 IX Strategic Plan (2023-2028) while we are in the process of developing a new strategy.

During the year 2023, the ATPS was involved in various activities across the four (4) priority sectors along the five (5) strategic objectives as contained in the ATPS Phase VIII Strategic Plan. Meanwhile, the ATPS Secretariat through the management initiated the process of developing a new Strategic Plan 2023-2028, which is expected to be completed in early 2024. This report provides a summary of ATPS's efforts in building Africa's capabilities in STI research, policy and practice for the period. 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 respective project objectives. For instance, under Objective One, ATPS continues to implement projects that promote the development of evidence-informed policies in the STI domain. The ATPS staff has been tirelessly fundraising to increase resources that will assist the ATPS in achieving its objectives. Several proposals and Expressions of Interest were submitted during the reporting period where some were successful, and others are under review.

With regards to Objective Two, Training, Sensitisation and Capacity Building, the ATPS through the various projects conducted a number of training and capacity-building activities throughout the year. Several meetings were held both virtually and physically with different partners and donors throughout the year to discuss existing projects or opportunities or potential collaboration. ATPS has been implementing nine (9) projects:

- 1** Managing Organization (Hub) for Responsible Artificial Intelligence for Agriculture and Food Systems (AI4AFS) Innovation Research Network in Africa;
- 2** Understanding the Policy and Institutional Landscape for Technological Innovation Development in Africa to Enhance Youth Employability, Entrepreneurship and Job Creation (UPTIER) and;
- 3** Technological Innovation Development in Africa to Enhance Employability, Entrepreneurship and Job Creation (TIDE);
- 4** Technical Assistance for Intra-ACP Climate Services and Related Applications (ClimSA) Programme;
- 5** Strengthening the Capacity of the Extension System to use Proven Knowledge and Technologies to Sustain Equitable Locally Led Adaptation Among Smallholder Farmers (SCALE);
- 6** Strengthening the Capacity of Women and Marginalized Communities in Africa's Agriculture and Food Systems to Harness the Potentials of Artificial Intelligence Technology;
- 7** Strengthening the National Research and Innovation Funding Agencies in West Africa (SRIFA);
- 8** Building the Capacity of Selected sub-Sahara African Countries to Effectively Measure Progress in their Nationally Determined Contributions' Implementation Using Tracking Tools and Indexes, and;
- 9** University-led Ecosystems for a Sustained Innovation and Entrepreneurship Development.

Despite the global recessions, ATPS has continued to make significant strides in generating resources for its operations through robust fundraising efforts that have yielded the much-needed funds. Although more resources are still required, this improvement in resources has not changed the ATPS team's efforts to fundraise. Aggressive proposal development still continues, and partnerships are still being sought to increase the pool of resources needed for implementation of projects to support African countries.

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, policymakers, 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 through STI policy and practice in 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 to raise Africa's perspectives and promote 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 2023 - 31st December 2023. 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):

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

OBJECTIVE 1: STI POLICY RESEARCH, POLICYMAKING AND ADVOCACY



ATPS continues to build capabilities, structures, and conditions for the 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; and Health Innovations. 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 (STISA-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 research projects are briefly described below:

1.1 Building the Capacity of Selected sub-Sahara African Countries to Effectively Measure Progress in their Nationally Determined Contributions' Implementation Using Tracking Tools and Indexes

Numerous attempts have been made globally to regulate climate-induced challenges through mitigation and adaptation measures including the United Nations Framework Convention on Climate Change (UNFCCC) of 1994, the Kyoto Protocol of 1997, and the Paris Agreement of 2015 among others. The Nationally Determined Contributions (NDCs), with conditional and unconditional commitments, are key by-product of the Paris Agreement and require all the countries to spell out their intended actions to address climate change over 5-year periods in terms of adaptation, mitigation, and means of implementation as well as opportunities arising therefrom and sustainable development co-benefits for the continent. Despite the Paris Agreement providing little guidance on what and how climate change adaptation would be included in the NDCs, most African NDCs highlight a number of cross-cutting strategies to address their mitigation ambitions as well as their adaptation needs. It is against this background that the ATPS and its partners, in 2019, developed and piloted an NDC implementation monitoring, tracking tools, and index to gauge the status of NDC implementation in countries against the targets indicated in their submitted NDCs. This project, therefore, seeks to utilize the key product from this pilot study (monitoring and tracking tools) already developed and validated in eight (8) African countries to build the capacity of focal persons/champions in twelve (12) selected SSA countries to effectively measure their NDCs implementation progress using the tracking tools and Indexes. The expected outcomes include:



- Increased capacity of countries to collect and utilize the NDC data, using tracking tools and indexes to make informed policy and programmatic decisions.
- Progressive increased ambitions and compliance to the Paris Agreement and achievement of the NDC targets brought about by increased buy-in and strategic partnerships with relevant stakeholders in SSA countries.

1.1.1 Achievements

- a Completed the stakeholder mapping reports for 12 countries and the review was underway.
- b Submitted the periodic Technical and Financial progress reports and submitted to the ACCF for review.

1.1.2 Challenges

- a There were difficulties in access data from some of the countries especially those without reliable online repositories.





1.2 Managing Organization (Hub) for Responsible Artificial Intelligence for Agriculture and Food Systems (AI4AFS) Innovation Research Network in Africa

The ATPS, icipe and Kumasi Hive are implementing the AI4AFS project funded by the Swedish International Development Agency (Sida) and Canada's International Development Research Centre (IDRC). This project is part of the innovation stream of the Artificial Intelligence for Development Africa (AI4D Africa) program dedicated to a future where Africans across all regions create and use artificial intelligence to lead healthier, happier, and greener lives. Its mission is to improve the quality of life for all in Africa and beyond by partnering with Africa's science and policy communities to leverage AI through high-quality research, responsible innovation, and strengthening talent. The Hub will establish and host a network consisting of 6-10 innovation research projects for a maximum of 3 years (from Oct 2021- Jun 2024) that will develop, deploy, test, and seek to scale responsible and African-led artificial intelligence research and innovations. This research will deepen our understanding of how to develop, deploy, and scale responsible AI innovations for sustainable agriculture and food systems in Africa. The project will also seek to use these lessons learned to inform African and international AI policy and practice conversations.

The expected outputs/outcomes include:

- African researchers/ innovators are enabled through research infrastructure and conducive environment to engage and lead in AI4AFS.
- Enhanced AI4AFS research networks with the potentials to generate new AI research and innovations for tackling pressing AFS challenges in Africa.
- More inclusive policies and strategies for sustaining transformative change in AI4AFS based on societal felt needs.

1.2.1 Achievements

- a Development and update of the Interactive Collaborative Environment (ICE) Menus/ Platforms-The process of designing, development, testing and deployment of the ICE platform is complete, and all the modules have been populated and requisite content uploaded for public consumption. AI data on experts and content on AI4AFS is being continuously populated and updated.
- b **Capacity building and training of the AI4AFS Network Grantees:** As part of fulfilling the objectives of the AI4AFS innovation research network to: **build the capacity of African innovators and researchers to develop, deploy and scale home-grown AI innovations to tackle pressing challenges in agriculture and food systems in Africa**, the network grantees have received specialized training in four areas of need which include 1) research design and methods, 2) carbon footprint reporting, 3) intellectual property rights, and 4) product development and commercialization in addition to the earlier reported training in the last reporting period.



- c Conducted Mid-term review and evaluation meeting:** The AI4AFS innovation research network conducted its first and second physical mid-term project review and evaluation meeting with the ten innovation research network grantees during the parallel session organized by the Hub at the AfricaAI conference 2023 held in, Kigali, Rwanda. The session had various stakeholders present; the session offered the opportunity for collaboration among other AI4D Hubs and other key stakeholders. The ten grantees made detailed presentations on their projects, state of implementation, challenges, and emerging opportunities. The key focus was on how they are adopting responsible AI principles and gender equality and inclusion in all their project activities. It also presented an opportunity to know the grantees and the work they are doing. Independent experts evaluated their projects on the set criteria and scored them based on frank assessments. We were happy to have Dr Shannon of Gender at Work as one of the experts.
- d Participation in the AI4D Gender Peer Learning Journey (PLJ) Workshop 1 (April 2023):** During the reporting period, the Hub participated in the first AI4D gender peer learning journey workshop conducted by the gender support team. The AI4AFS Hub shared stories on their project's implementation pathway.
- e Influencing African and International AI Policy, Practice and Knowledge Brokering:** The participation of the AI4AFS Hub in the panel discussion on how AI and automation innovation in agriculture can become more inclusive was a high point of influencing African and International AI policy and practice. The AI4AFS research network's participation was in its capacity as a knowledge broker with lessons learnt for the implementation of the AI4AFS project. The event was organized by USAID, Gates Foundation and Genesis Analytics. The event took place on 4th April 2023 virtually and can be viewed through the link: <https://youtu.be/zGR8Yq2o8W0>.



The lecture given by the representative of the AI4AFS research network on “Responsible AI in Agriculture and Food Systems” x-rayed the role of responsible AI development and deployment in removing the fears around the impact of AI in human affairs. The participants were thrilled to understand the principles of responsible AI and the need to train the youths and AI developers to apply these responsible principles in practice. The event took place at the University of Nigeria Nsukka on the 11th and 12th May 2023.

- f Secured more Research Project Grant:** The successful implementation of the AI4AFS project assisted the AI4AFS Hub and African Technology Policy Studies Network (ATPS) and its partners in winning two research grants. The AI4AFS Hub secured the AI4D Gender Innovation research grant of 25,000 CAD; the grant will assist the Hub in deepening the understanding of how to strengthen the capacity of women and the marginalized communities in adopting AI technologies in agriculture. The second research grant was won by ATPS to strengthen the capacity of the extension system to use proven knowledge and technology to sustain equitable and locally led adaptation among smallholder farmers and farming communities in Nigeria and Senegal. The project value is US\$ 436,244. The ATPS strengthened their proposal by citing the ongoing AI4AFS projects in Nigeria and Senegal as examples of successful implementation of projects led by women and local farmers in line with design by inclusion. The new project is part of the IDRC STEP-Change initiative on accelerating adaptation to climate change.
- g Publication of a Working Paper** on “Responsible Artificial Intelligence for Africa’s Agriculture and Food Systems: Challenges and Opportunities”. The AI4AFS has published a peer reviewed ATPS Working Paper No. 80 which has been submitted to the IDRC publication portal and available online at: <https://atpsnet.org/wp-content/uploads/2023/03/Responsible-Artificial-Intelligence-for-Africas-Agriculture-and-Food-System-Working-Paper-80.pdf>

1.2.2 Challenges

- a** One key challenge was the lack of a robust physical evaluation of all the grantees' projects



1.3 Understanding the Policy and Institutional Landscape for Technological Innovation Development in Africa to Enhance Youth Employability, Entrepreneurship and Job Creation (UPTIER)

The UPTIER project aims at reviewing the STI policy and institutional landscape/ecosystem in selected countries, namely: Ethiopia, Ghana, Kenya, Nigeria, Rwanda, Senegal and Uganda; with a view to understanding their statuses, what works (successes), what doesn't work (failures) and why (reasons for successes or failures). The findings and lessons learned from the 18 months research will feed into the Mastercard Foundation's (MCF) Young Africa Works Strategy aimed at providing 30 million young Africans with dignified and fulfilling work. It will also support the MCF's Research Strategy through the Strategic Research Intervention (SRI) and Knowledge Sharing and Policy Engagement Intervention (KSPEI) pillars of this project by providing the requisite evidence-based knowledge useful for STI policy decision-making for innovation development and job creation. The expected outputs/outcomes include:

- An in-depth understanding of STI policy and institutional landscape in the selected countries.
- A knowledge sharing and stakeholder engagement strategy/action plan developed with a view to enhance the bridging of the gaps between STI research, industry and policy development in the selected countries.
- Strengthened linkages among the research, policy and industry actors towards technological innovation development and evidence-based policymaking.

1.3.1 Achievements

- a The project was incorporated in the ATPS Interactive Collaborative Environment (ICE) Platforms and content relevant to this project is being populated and updated continuously for public consumption.
- b A series of reviews were done to both the country reports and the policy briefs by the Mastercard Foundation team and external consultants.

1.3.2 Challenges

- a There was a significant challenge in getting actual figures and data relating to youth employment in all the study countries.



1.4 Technological Innovation Development in Africa to Enhance Employability, Entrepreneurship and Job Creation (TIDE)

The TIDE project proposes to review the STI policy and institutional landscape/ecosystem in selected sub-Saharan African countries, namely: Ethiopia, Ghana, Kenya, Nigeria, Rwanda, Senegal, Uganda, and Zimbabwe; with a view to understanding their statuses, what works (successes), what doesn't work (failures) and why (reasons for successes or failures). The findings and lessons learned from the three (3) years of research and intervention activities align with Afreximbank's Private Sector Development Strategy. The expected outputs/outcomes include:

- A deeper understanding of the STI policy and institutional landscape in selected SSA countries.
- Increased knowledge sharing and policy and stakeholder engagement.
- Empowered young graduate innovators/entrepreneurs through the TICA programme with a view to enabling them to scale up their innovations, start new businesses, support livelihoods, and create more jobs.

1.4.1 Achievements

- a The ATPS National Chapter Coordinators of the respective target countries have been notified and explained their roles in the project.
- b Country reports and policy briefs for the eight (8) study countries were developed and published.
- c A call for Technological Innovation Challenge Award (TICA) was issued and five (5) grantees were awarded US\$ 10,000 each to implement their innovative projects.
- d Hosted a side event at the Afreximbank Annual General Meeting and 30th Anniversary in Accra, Ghana.

1.4.2 Challenges

- a Difficulties were experienced during the study due to lack of access to the required data on youth employment in the different countries.



1.5 Strengthening the National Research and Innovation Funding Agencies in West Africa (SRIFA)

The Science Granting Councils (Councils) play critical and strategic roles in supporting research and innovation that contribute to the social and economic development of any country. The Councils are charged with the responsibility of research funding, quality assurance, policy and decision-making, knowledge exchange, and training/capacity building of the science system actors to ensure that outputs from the research and innovation endeavours are used to inform policy and practice. Given this important role, and in view of the dynamic nature of research and innovation developments, their capacity to perform these responsibilities to achieve desired goals needs to be continuously strengthened. Compared to other regions in Africa, only a few countries in West Africa have established agencies responsible for research and innovation funding. The Science Granting Councils Initiative (SGCI) in sub-Saharan Africa (SSA) is providing support that will strengthen the national research and innovation funding agencies in West Africa. This project aims to strengthen the national research and innovation funding agencies where they already exist (Burkina Faso, Senegal and Côte d'Ivoire) to improve their performances as well as support the development of institutional frameworks/mechanisms for the establishment of new research and innovation funding agencies in countries where they do not currently exist (Ghana, Nigeria and Sierra Leone). The expected outputs/outcomes include:

- In-depth understanding of the statuses of research and innovation funding ecosystems in the six participating countries in terms of the relevant policies and institutions; key actors, their roles, linkages, power and influence as well as their needs for more effective Councils where they exist.
- Institutional frameworks for the establishment of new research funding agencies or its equivalents where they do not exist.
- Effective and improved delivery of services of the Councils and new research funding agencies that are established through robust institutional frameworks and mechanisms.
- Improved interaction and knowledge sharing and experiences between and among community of practice (COP) through the ATPS web-based ICE platform.
- Increased capacity of the Councils to effectively deliver on their mandates, especially on research and innovation funding.
- Establishment of new funding agencies in Ghana, Nigeria, and Sierra Leone, with institutional frameworks and mechanisms for effective functioning in place.
- Stakeholders in the countries acquire capacities to effectively run the agencies as well as engage in high-level policymaking processes.



1.5.1 Achievements

- a The ATPS and its partner- the African University of Science and Technology (AUST) have worked with the Councils or equivalent agencies and other relevant stakeholders to review the policy and institutional landscape for research and innovation funding, map the key stakeholders' R&I funding of the participating countries and in identifying their respective needs for strengthening the Councils where they exist; and for the establishment of new councils where they do not exist.
- b During the project implementation, Sierra Leone which did not have a Council established a Council for research and innovation funding in the country.

1.5.2 Challenges

- a The Councils/equivalent funding agencies and other relevant stakeholders consist of high-profile and very busy personnel. Therefore, working with them in the co-designing and co-development of programmes and activities are somewhat tasking in terms of reaching a compromise on time and scheduling.
- b Language barrier is a major challenge in West Africa because of the English-French divide. This effect of the language barrier is felt more during personal conversations among the project team and other stakeholders. However, the project team has a professional interpreter and translator who work during formal meetings and project activities.



Participants engaging in group discussion during a SRIFA Validation workshop in Abidjan, Cote d'Ivoire



1.6 Strengthening the Capacity of the Extension System to use Proven Knowledge and Technologies to Sustain Equitable Locally Led Adaptation Among Smallholder Farmers (SCALE)

If the smallholder farming communities in Africa are to continually adapt to the impacts of climate change as well as sustain their lives and livelihoods, more systematic and easily accessible knowledge and information sharing from credible sources are required. This proposed project, therefore, seeks to strengthen the capacity of the extension system, as a knowledge broker, to transfer proven knowledge, information, and technology to farmers to boost their productivity and resilience, especially in the face of climate change challenges. Most importantly, the project seeks to integrate equitable and inclusive locally led adaptation strategies into the extension system to ensure that the knowledge, information, and technology generated are demand-driven, co-designed, and sustained by the local people. Activities to be undertaken under the project are divided into three work packages namely to: conduct situational analyses and needs assessment of the key actors, their roles, and linkages in the extension systems; co-design and implement targeted capacity strengthening and technical support interventions based on the identified needs of the actors; and create platforms for knowledge sharing, networking, and collaboration between and amongst key actors in the extension system. It is expected that through the series of interventions that will be undertaken under this project, the capacity, and linkages of the key actors within the extension system, particularly the extension agents and contact farmers will be strengthened to ensure sustained transfer of proven knowledge, information, and technology to smallholder farming communities, thereby increasing their productivity and resilience.

1.6.1 Achievements

- a) The internal project implementation meeting has been held with the ATPS team, partners, donors, and other key stakeholders in attendance.
- b) The project team was invited by the funder- IDRC to make a short description of the project for presentation during the Africa Climate Week that was held in Nairobi Kenya, from 4th-8th September 2023.



1.7 University-led Ecosystems for a Sustained Innovation and Entrepreneurship Development.

This project aimed to promote university-led ecosystems as anchoring institutions for delivering self-sustaining innovation and entrepreneurship education that contributes to Kenya's development. Conceptualising the partnerships within the Innovation for African Universities (IAU) as anchoring institutions, we will investigate how their structures and operations can inform policies relating to entrepreneurial universities in Kenya. Our approach is informed by the need to promote the attainment of four UN SDGs. First, to strengthen the means of implementation of partnership for sustainable development (SDG 17). Expected outcomes include:

- Greater awareness among IAU Community of Practice partnerships in Kenya, of the opportunities and challenges facing Sub-Saharan Africa Higher Education Institutions in reinforcing their entrepreneurship education through multi-stakeholder partnerships involving UK HE institutions and ecosystems partners.
- Reinforcement in the way research is conducted through more holistic responses to challenge-led themes.
- Recommendations on institutional strategies for supporting the development of innovative pedagogies, capacity building in higher education through university-led ecosystems.

1.7.1 Achievements

- a Trained Riara University academic staff members to create and deliver entrepreneurship education through blended learning.
- b Produced a Pragmatic Policy Framework for Accelerating Entrepreneurship Support in Universities in Kenya.
- c Held a Policy stakeholder engagement to validate and sensitize the stakeholders on the recommendations proffered in the policy brief.
- d Co-authored a book chapter and a case study with accompanying teaching notes adapted to the African context on Transformational entrepreneurship in Higher Education Institutions.
- e Showcased a dissemination and stakeholder engagement at an annual conference held in Nairobi on 23rd November 2023 at Mercure Hotel.

1.7.1 Challenges

- a Delayed responses from key stakeholders and key informants
- b Political unrest in the country made it hard to meet some of the stakeholders and key informants.



1.8 Strengthening the Capacity of Women and Marginalized Communities in Africa's Agriculture and Food Systems to Harness the Potentials of Artificial Intelligence Technology

The application of artificial intelligence (AI) is enthusiastically lauded as one of the solutions to overcome challenges to agriculture in Africa. Women dominate the agricultural workforce, making up 60% – 80%, but despite this dominance and significant contributions, the productivity divide between men and women and other marginalized farmers persists across Africa. An unfavourable gender divide resulting from poor access to technology, limited access to land ownership and financial resources, and low education levels contribute to the disparity. The ability to use AI innovation is a function of multiple factors including education, digital literacy, technological and structural competence, and resources, which do not favour women and marginalized farmers. Consequently, AI is likely to further exacerbate the existing gender disparities unless mitigation measures are put in place. This proposal aims to foster gender equity in AI-enabled agricultural innovation with reference to two selected countries under the Artificial Intelligence for Agriculture and Food Systems (AI4AFS) innovation research network. The expected outcome is the enhanced capacity and increased opportunity for women and marginalized communities to harness the potentials of AI in AFS.

1.8.1 Achievements

- a The project team has worked with the selected AI4AFS grantees to identify women and marginalised communities in their respective countries who will be targeted in the course of the project intervention.



Women farmers receive hands-on training in using the APWEN Farm and Plantix apps as part of the project: "Strengthening the Capacity of Women and Marginalized Communities in Africa's Agriculture and Food Systems to Harness the Potential of Artificial Intelligence Technology."



1.9 Technical Assistance for Intra-ACP Climate Services and Related Applications (ClimSA) Programme

The Intra-ACP Climate Services and Related Applications (ClimSA) programme is a global programme covering Africa, the Caribbean, and the Pacific countries. The AUC component of the ClimSA programme coordinates activities at the African level as well as those involving the Economic Community of Central African States (ECCAS). In addition, the AUC has signed a grant agreement with the African Center of Meteorological Application for Development (ACMAD) for the technical component covering all of Africa. The AUC grant for the ClimSA Programme is intended to contribute to existing efforts of regional economic communities and member countries to adapt to climate change and climate variability by integrating science-based climate prediction and information services into national and regional planning processes. This programme aims to promote sustainable development on the African continent by improving climate-related decision-making processes and practices through informed adaptation options to climate variability and change. Strengthening the entire climate services value chain by building the capacity of decision-makers and all other users at the continental, regional, national, and local levels improve the efficiency of climate information and services. The goal of the ClimSA programme is to improve the production, availability, delivery, and application of science-based climate predictions and services so that climate information is incorporated into all relevant sectors and ultimately contributes to the Sustainable Development Goals. Improving the quantity and quality of climate services provided by Regional Climate Center (RCCs) and National Meteorological and Hydrological Services (NMHSs) in Africa and enhancing knowledge and information services will lead to their certification by World Meteorological Organization (WMO) as an RCC. The Expected Outcomes include:

- Structured interaction between the users, researchers, and climate services providers in Africa through User Interface Platforms (UIPs).
- Guaranteed and secure provision of climate services at all levels (continental, regional, and national) including strengthening of Climate Service Information Systems (CSIS).
- Improved access to Climate Information through strengthening of observation and monitoring systems, as well as research, modelling, and prediction.
- Enhanced capacity of African regions to generate and apply climate information and products relevant to their particular concerns; and
- Climate-informed decision-making in Africa is enhanced and climate services are mainstreamed into policy processes at continental, regional, and national levels.



1.9.1 Achievements

- a The signing of the grant agreement between AESA and ATPS.
- b Recruiting of an external communication officer for the project.

1.9.2 Challenges

- a Communication challenges within the project management team impeded the timely submission of deliverables, thus affecting overall efficiency.





OBJECTIVE 2: TRAINING, SENSITISATION, AND CAPACITY BUILDING

2.1 Workshops, Conferences and Meetings

There were several events that the ATPS staff and beneficiaries attended over the year. They include several training workshops and conferences. Most of the meetings were organized with partners and donors while those organised by ATPS were training workshops. Training and capacity-building activities were included in the concepts and proposals submitted to donors for funding to benefit the target beneficiaries and staff that will be involved in implementation. Training and sensitization workshops to build capacity and influence policy and practice in various priority sectors in line with the ATPS current strategic plan are always incorporated as much as possible. Here are some of the Workshops and conferences attended:

2.1.1 Africa Artificial Intelligence (AfricAI) Conference, Kigali, Rwanda

Artificial intelligence (AI) is driving digital transformation globally. It is potentially transformative, creating opportunities to contribute to the achievement of the global sustainable development goals by spurring innovations that tackle barriers to human development. However, the use of AI comes with risks that need to be managed and mitigated, including reinforcing inequalities and bias. As the adoption of AI technology across Africa gains momentum, we are witnessing growing, vibrant ecosystems of entrepreneurs, researchers and policymakers committed to bringing the benefits of AI technology to citizens in fields such as agriculture, education, energy, health, finance and beyond.

Under the theme “Advancing responsible and open AI ecosystems in Africa,” the International Development Research Centre (IDRC), Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and Niyel are organizing the inaugural AfricAI Conference to provide a forum for exchange, learning and networking between key AI stakeholders and to strengthen the understanding of the potential and challenges related to responsible and open AI in Africa.

In its first edition, the AfricAI Conference 2023 hosted about 150 participants from AI4D’s Africa program and GIZ’s FAIR Forward initiative, including consortia partners, African AI researchers and grantees, AI practitioners and policymakers. The event was held on 12-14 June 2023 in Kigali, Rwanda.

The conference was held to:

- Enable participants from Africa’s AI communities and ecosystems to share knowledge and best practices from diverse contexts and perspectives.
- Provide a platform for exchange between research, public and private sector to build responsible and open AI ecosystems.
- Create new alliances and opportunities for future collaboration.



At the conference, ATPS and Partners hosted a parallel session where the Artificial Intelligence for Agriculture and Food Systems (AI4AFS) Innovation Research Network grantees presented their project to the audience and was used as an avenue to evaluate the progress in the implementation of their projects. The theme of the AI4AFS parallel session was “Advancing Responsible and Open AI in Agriculture and Food Systems in Africa”. The keynote speech titled “Responsible AI application in Agriculture and Food Systems in Africa: Emerging Lessons from the AI4AFS programme implementation” was given by Dr. Nicholas Ozor, the Executive Director of ATPS and the AI4AFS Hub Principal Investigator.

2.1.2 Afreximbank 30th Anniversary and Annual General Meeting, Accra, Ghana

With the invitation of Afreximbank, the ATPS hosted a sensitization activity which included a side event at the Afreximbank 30th Anniversary celebration and Annual General Meeting (AAGM) in Accra, Ghana from 18-21 June 2023. The project team hosted a side event and held a panel discussion on the theme “Boosting STI for shared prosperity in Africa.” It is also in the AAGM that the President of Afreximbank Prof. Oramah announced the intention to launch an African Innovation Fund that ATPS working with all stakeholders will implement.

2.1.3 Science Granting Councils Initiative (SGCI) Regional Meeting, Kampala, Uganda

The workshop held at Speke Munyonyo Resort in Entebbe, Uganda, from 19th to 23rd June 2023, served as a pivotal platform for the Science Granting Councils Initiative (SGCI) program, facilitating a comprehensive discussion on lessons learned to date. The objectives included summarizing and deliberating on SGCI program insights, providing councils with the opportunity to share achievements and lessons learned, reviewing the initiative's Theory of Change and log frame, strategizing on improved data collection, exploring collaborative opportunities, and ensuring the integration of gender equality and inclusion considerations in the initiative's work. Furthermore, the workshop featured the launch of the Uganda National Research Outlook Report 2023 and offered UNCST grantees a platform to showcase their research findings.

During the workshop, representatives from the African Technology Policy Studies Network (ATPS) actively participated by attentively listening to the presentations delivered by various speakers. Additionally, ATPS staff made a noteworthy contribution to the event by conducting a poster presentation on the SGCI project. This presentation illuminated the planned activities and underscored potential synergies that ATPS aims to leverage with other Collaborating Technical Agencies (CTAs). The presentation exemplified ATPS's commitment to collaborative engagement and knowledge sharing within the SGCI framework.



Key takeaways from the workshop included valuable lessons for ATPS. Firstly, for enhanced communication, it was suggested that ATPS consider producing materials in both French and English, accommodating councils in both anglophone and francophone countries. Secondly, a strategic approach was highlighted—ATPS could capitalize on regional meetings attended by councils to conduct their activities, such as training sessions. This approach not only addresses cost-effectiveness but also presents an opportunity to engage with councils that may not have direct involvement, allowing them to capitalize on available opportunities within the SGCI program.

The workshop served as a dynamic platform for knowledge exchange, collaborative planning, and the celebration of research achievements. ATPS actively contributed to the event, reinforcing its commitment to the SGCI program's objectives. The insights gained, particularly the lessons learned, will undoubtedly inform ATPS's strategic approach moving forward.

2.1.4 Africa Climate Week and Africa Climate Summit, Nairobi, Kenya

The 2023 Africa Climate Week (ACW) and the African Climate Summit were hosted in Kenya, at Kenyatta International Convention Centre (KICC), Nairobi from 4-8 September 2023. The events were a convergence of diverse leaders from governments, businesses, international bodies, and civil society. During this year's ACW, running alongside the Africa Climate Summit (ACS), the focus was on mitigating greenhouse gas emissions and strategizing for the escalating impacts of the climate crisis. The ACS specifically summoned African leaders to commit to an ambitious framework, termed the "Pledging and Commitment Framework." Emphasizing four distinct tracks encompassing energy systems, urban and rural landscapes, natural resources, and societal aspects, ACW 2023 sought to address critical themes concerning climate resilience.

An impressive assembly of 20 African heads of state and over 30,000 policymakers, practitioners, businesses, and civil society representatives rallied around a resolute affirmation: Africa stands not just as a continent vulnerable to climate change but also as a potential global leader in climate and nature-based solutions. The culmination of discussions at the conference was marked by the unanimous adoption of the Nairobi Declaration. This pivotal declaration, approved by African leaders, revolved around mobilizing financial resources to combat climate adversities, preserving natural capital, and instigating a transition toward renewable energy sources. Key highlights of the Nairobi Declaration encompassed a plea to global leaders for a unified endorsement of a comprehensive carbon taxation regime, reforms within the financial system to bolster funding for climate actions, and appeals for debt relief across the continent, with multilateral development banks urged to enhance concessional lending to underprivileged nations. This significant declaration is poised to shape Africa's stance during the forthcoming COP28 in November, setting the stage for critical negotiations on climate action.



OBJECTIVE 3: YOUTH AND GENDER EMPOWERMENT (YGEP)

3.1 ATPS Youth Internships

It is the mandate of ATPS to build the capacity of the youth through the ATPS graduate internship program. During the reporting period, an attachment was offered to an agriculture extension student called Ms. Barbra Machika from the University of Nairobi. She spent 2 months working with the different projects and participated in fieldwork, where she learnt and gained various skills.

3.2 Fellowship program

During the reporting period the ATPS did not nominate any staff for any fellowship program.



OBJECTIVE 4: KNOWLEDGE BROKERAGE, MANAGEMENT AND COMMERCIALISATION



4.1 Publications

The following publications were published in 2023. More publications are expected before the year ends as some of the projects are being implemented.

- Ozor N, J. Nwakaire, A. Nyambane, W. Muhatiah, H. Tonnang, D. Salifu (2023) Responsible Artificial Intelligence for Africa's Agriculture and Food System. ATPS WORKING PAPER No. 80. ISBN: 978-9966-124-76-0
<https://atpsnet.org/wp-content/uploads/2023/03/Responsible-Artificial-Intelligence-for-Africas-Agriculture-and-Food-System-Working-Paper-80.pdf>.
- Ngoasong M, A Wahga, I Kourti, N. Ozor, W. Muhatiah, R. Gateru, A. Nyambane (2023). University-led ecosystems for sustained innovation and entrepreneurship development in Kenya. ATPS TECHNOPOLICY BRIEF NO. 62. ISBN: 978-9966-124-78-4.
<https://atpsnet.org/wp-content/uploads/2023/11/University-led-ecosystems-for-sustained-innovation-and-entrepreneurship-development-in-Kenya.pdf>
- Patrick Kwabena Mensah, Vivian Akoto-Adjepong, Kwabena Adu, Mighty Abra Ayidzoe, Elvis Asare Bediako, Owusu Nyarko-Boateng, Samuel Boateng, Esther Fobi Donkor, Faiza Umar Bawah, Nicodemus Songose Awarayi, Peter Nimbe, Isaac Kofi Nti, Muntala Abdulai, Remember Roger Adjei, Michael Opoku, Suweidu Abdulai, Fred Amu-Mensah, CCMT: Dataset for crop pest and disease detection, Data in Brief, Volume 49, 2023, 109306, ISSN 2352-3409, <https://doi.org/10.1016/j.dib.2023.109306>.
<https://www.sciencedirect.com/science/article/pii/S2352340923004250>) (AI4AFS Grantees Publication)
- Omara J, Talavera E, Otim D, Turcza D, Ofumbi E and Owomugisha G (2023) A field-based recommender system for crop disease detection using machine learning. Front. Artif. Intell. 6:1010804. doi: 10.3389/frai.2023.1010804.
<https://www.frontiersin.org/articles/10.3389/frai.2023.1010804/full> (AI4AFS Grantee from Ghana. ATPS acknowledged)

4.2 Knowledge Exchange and Management

The following publications were published in 2023. More publications are expected before the year ends as some of the projects are being implemented.

4.2.1 Capacity Building Workshops and Meetings

The ATPS and Partners in the AI4AFS Hub held various meetings and workshops in preparation for implementation of the project. These meetings were held with IDRC officers and other Hub managers as well. ATPS staff and other African partners were involved and contributed by making Presentations to share their views and experiences on the various topical issues impacting Africa.



a Carbon Footprint monitoring and reporting

The training on carbon footprint reporting was part of the capacity-building activities for the AI4AFS grantees to assist them in the development and deployment of responsible AI tool. The training was designed to equip participants with the relevant knowledge of how to track carbon footprint in machine learning activities. Carbon footprint is the measure of the amount of carbon dioxide and other greenhouse gases emitted by human activities. As the world becomes more conscious about the impact of human activities on the environment, tracking carbon footprint has become an essential part of any sustainability initiative. In line with responsible artificial intelligence principles, the development and deployment of AI tools must be environmentally friendly and green. The overall aim Create awareness and hands-on practical sessions on tracking carbon dioxide in AI model using Code Carbon. The participants were strengthened to track CO₂ in AI models using code carbon. The training was held on 10th-11th May 2023 virtually.

b Responsible data management

The training was organized to address the needs identified from the capacity needs assessment survey conducted on the AI4AFS Hub network grantees and their consortia in the 1st year of the project as stipulated in the technical proposal document. ODK and REDCap are among the most widely used data collection software as they have seamless data collection workflows from online to offline data collection, the collected data can easily be integrated to other statistical, machine learning and artificial intelligence programs for decision making and other operations. The collected data can be later stored to a data warehouse for future use and reference. This course is therefore intended to build capacity of AI4AFS grantees in use of Open Data Kit (ODK) and REDCap. The training will essentially cover designing of digital data collection forms, data management, configuring designed digital forms to mobile phones, accessing collected data on mobile phones, accessing ODK and REDCap website through login credentials. More emphasis will be on practical sessions using computer and/or smart phone with access to internet, MS Excel, and shared user training materials. The objective was to enhance participants' capacity in the use of Open Data Kit (ODK) and REDCap data collection and management for effective implementation of the AI4AFS project. The training was held on 1st and 2nd February 2023 Virtually.

c Intellectual Property Rights

AI has gained a lot of attention and increasing usage in many fields. The ability of machines to operate without the infallibility of human error has attracted the attention of both researchers and investors. For the larger public, AI-driven machines are providing much-needed solutions in almost all fields. In agriculture, AI-driven machines find usage in ploughing, planting, spraying, irrigation, harvesting, grinding and packaging, to name but a few. The challenges of climate change with the concomitant floods and long dry spells of drought expose Africa to vagaries of food insecurity.



The continent has not attained food sufficiency. Food production, processing and storage are areas that could benefit from AI interventions. Researchers in AI in agriculture have a broad area of engagement. Research in AI is likely to come up with new and innovative products, whose use on a large scale can benefit a larger segment of society. Once a scientist has come up with an invention, it takes a lot of capital to convert that into a product that can be commercialized. This is where investors come in. Both the inventor and the investor have an interest in making some financial gain from their 'labours'. Hence, the need for protection of an invention. This protection is afforded through the granting of monopoly rights to inventors for a limited period before the invention is open for all to work it. It is presumed that this period of 'protection' would enable an inventor to recoup their investment. The 'protection' also serves as an incentive for other researchers to devote their time and energy to working out new 'products' for the market. In the long run, both the inventor/investor and the wider society benefit from the invention. Concerning AI in agriculture - Africa can in the long run become 'food sufficient'. The training aimed to build the capacity of the grantees and other participants, understand the various forms of intellectual property, differentiate the period of protection of various forms of intellectual property, distinguish ways of protecting intellectual property, analyze ways of protecting intellectual property at national and international levels, explain ways of moving the invention from the 'lab' to the 'market', and understand modalities of valuation of intellectual property. The training was held on the 15th and 16th August 2023.

d Product development for Scale-up/Commercialization

The rapid advancement of artificial intelligence (AI) technology has unleashed unprecedented opportunities across various sectors, and the realm of agriculture and food systems is poised as a transformative revolution. The integration of AI into these sectors promises to revolutionize traditional practices, enhance productivity, and address complex challenges, such as resource optimization, yield prediction, and supply chain management. The training on Product development and commercialization explores and builds the capacity of the AI4AFS grantees in the dynamic landscape of AI-driven product development and commercialization within agriculture and food systems, where cutting-edge algorithms and data-driven insights reshape the way we cultivate, process, and distribute sustenance on a global scale. From precision farming and automated monitoring to predictive analytics and sustainable sourcing, the fusion of AI and agriculture is ushering in a new era of innovation that has the potential to bolster food security, streamline operations, and foster environmentally conscious practices. The objective was to equip participants with the essential knowledge and expertise required to effectively conceive, design, and bring new products to the market, ensuring their successful development and subsequent commercialization. At the end of the training, participants had a better understanding of the product development and commercialization process and were equipped with the knowledge and skills necessary to develop and commercialize new products successfully. The training was successfully held virtually on the 14th and 15th September 2023.

OBJECTIVE 5: INTRA-AFRICA AND GLOBAL COLLABORATION AND PARTNERSHIPS



The ATPS continues to consolidate partnerships and cooperation with relevant STI institutions globally. During the year, there were negotiations with different institutions including the National STI Councils of the different African countries for collaborations and partnerships in implementing existing projects and joint fundraising activities.





6. MONITORING, EVALUATION AND AUDIT

The ATPS audit for the year 2022 has been finalised in accordance with the International Standards of Auditing by Zacky & Associates audit firm. The audit includes 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. The 2023 Audit will commence in early 2024.

7. CHALLENGES

7.1 Staffing

There is significant progress in recruiting and retaining quality staff at the ATPS. Dr. Cynthia Nwobodo took her position as a postdoctoral Research Officer in January 2023. Several positions were advertised and filled in the last half of 2023. Ms Doreen Ongoro filled the Finance and Admin Assistant position, while Ms Susan Mburu filled the Communication and Outreach Officer position.

7.2 Securing core funding

One of the major issues that ATPS still faces is securing core funding for the implementation of ATPS thematic activities. However, attempts are being made to raise funds for the implementation of activities through aggressive fundraising efforts, the establishment of new partnerships, collaborative engagements, and the revival of dormant relationships.

8. CONCLUSION

The ATPS continued to implement its activities in line with the ATPS Phase VIII Strategic Plan (2017-2022) while the Phase IX Strategic Plan (2023-2028) development was under development. Despite the long-standing financial challenges exacerbated by the COVID-19 scourge from the year 2020, aggressive resource mobilisation through proposal development and other fundraising strategies have continued in earnest. Some of the proposals submitted during the year for funding are still under review while the others were unsuccessful as outlined in Appendix 1.0.

AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS)
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Appendices

Appendix 1.0: Summary of proposals and EOI's submitted in 2023

	Proposals/Concept Note submitted	Target Donor(s)	Collaborating Partners	ATPS Budget	Total Budget	Current status	Writing Concept note/ Proposals/EOIs	Follow -up
1.	Strengthening pastoralists' resilience to climate change impacts in Kenya and Nigeria using Predictive Analytics Services	IDRC	Stockholm Environment Institute (SEI)	CAD 1000000	CAD 1000000	Not Successful	Wentland Muhatiah	Nicholas Ozor
2.	Enhancing the carbon sequestration potential and biodiversity conservation of the Tana River Delta	International Climate Initiative (IKI)		EUR 200000	EUR 200000	Not Successful	Wentland Muhatiah	Nicholas Ozor
3.	Revitalizing school feeding programmes against climate shocks for food and nutrition security in Kenya	Science for Africa Foundation	Kaimosi Friends University Egerton University University of Nairobi	USD 25000	USD 100000	Not Successful	Wentland Muhatiah	Nicholas Ozor
4.	Strengthening the Capacity of Women and Marginalized Communities in Africa's Agriculture and Food Systems to Harness the Potentials of Artificial Intelligence Technology	Gender at Work	icipe and Kumasi hive	USD 18910	USD 18910	Successful	Joel Nwakire and research team	Nicholas Ozor

AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS)
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5.	Strengthening the Capacity of the extension system to use proven knowledge and technologies to sustain equitable Locally Led adaptation among smallholder farming communities in selected West African countries (SCALE)	IDRC	IPAR and WAGED I		436,244	Successful	Joel Nwakire and research team.	Nicholas Ozor
6.	Advancing Training and Innovation Development for Young and Smallholder Farmers in Agriculture and Food Systems in Selected African Countries (TIDAL)	The AGCO Agriculture Foundation (AAF)	-	449,865	449,865	Under review	Cynthia Nwobodo and research team members	Nicholas Ozor

Appendix 2.0: Work Plan for the period 01 January 2024 - 31 December 2024

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
Programmatic Objective A: STI policy research, policymaking and advocacy							
A.1 Undertake STI policy research and capacity building in selected sectors to generate evidence-based knowledge for policy and decision-making	A.1.1 More available research evidence to inform policies and decision-making at various levels. • Increase capacity of countries to collect and utilize NDC data using tracking tools and indexes to make informed policy and programmatic decisions. • Enable African researchers/innovators through research infrastructure and a conducive	A.1.1.1 Commission STI policy research studies in selected and allied sectors NDC – AfDB: Building the Capacity of Selected sub-Sahara African Countries to Effectively Measure Progress in their Nationally Determined Contributions’ Implementation Using Tracking Tools and Indexes AI4AFS – IDRC: Managing Organization (Hub) for	January 2024 to December 2024			\$82,667.70	\$89,727.61

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
	<p>environment to engage and lead in AI4AFS.</p> <ul style="list-style-type: none"> Enhance AI4AFS research networks with the potential to generate new AI research and innovations for tackling pressing AFS challenges in Africa. Develop a knowledge sharing and stakeholder engagement strategy/action plan to bridge gaps between STI research, industry, and policy development in selected countries. 	<p>Responsible Artificial Intelligence for Agriculture and Food Systems Innovation Research Network in Africa</p> <p>UPTIER –Mastercard Foundation: Understanding the Policy and Institutional Landscape for Technological Innovation Development in Africa to Enhance Youth</p>	<p>January 2024 to September 2024</p>				\$64,993.70

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
	<ul style="list-style-type: none"> Strengthen linkages among research, policy, and industry actors towards technological innovation development and evidence-based policymaking. Increase knowledge sharing and stakeholder engagement. Empower young graduate innovators/entrepreneurs through the TICA programme to scale up innovations, start new businesses, 	<p>Employability, Entrepreneurship and Job Creation.</p> <p>TIDE- Afrexim Bank: Technological Innovation Development in Africa to Enhance Employability, Entrepreneurship and Job Creation.</p>	January 2024 to		\$34,147.62		

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
	<p><i>support livelihoods, and create more jobs.</i></p> <ul style="list-style-type: none"> <i>Strengthen the capacity and linkages of key actors within the extension system, particularly extension agents and contact farmers, to ensure sustained transfer of proven knowledge, information, and technology to smallholder farming communities, thereby increasing their productivity and resilience.</i> <p>A.1.2 Improved capacity of relevant stakeholders to</p>	<p>SCALE-IDRC: Strengthening the Capacity of the Extension System to use Proven Knowledge and Technologies to Sustain Equitable Locally Led Adaptation Among Smallholder Farmers</p>	March 2024	\$97,151.42			

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
	<p>conduct, formulate and implement policies for sustainable development in the selected sectors</p> <ul style="list-style-type: none"> <i>In-depth understanding of the statuses of research and innovation funding ecosystems in six participating countries regarding relevant policies, institutions, key actors, their roles, linkages, power, and influence.</i> <i>Institutional frameworks for the establishment of new research funding agencies or their equivalents where they do not exist.</i> 	<p>A.1.2.1 Collaborate with other institutions to generate more research evidence</p> <p>A.1.2.2 Strengthen capacities of stakeholders to undertake policy research, policymaking and policy implementation activities</p> <p>SRIFA – IDRC: Strengthening the National Research and Innovation Funding Agencies in West Africa</p>	<p>January 2024 to April 2024</p>	\$135,463			

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
	<ul style="list-style-type: none"> Effective and improved delivery of services of the Councils and new research funding agencies through robust institutional frameworks and mechanisms. 						
A.2. Influence policies and policymaking at various levels	A.2.1 More policies formulated to support sustainable development in selected sectors	A.2.1.1 Undertake policy advocacy campaigns	January 2024 to December 2024				
Programmatic Objective B: Training, Sensitization and Capacity Building							
B.1. Develop series of STI training manuals	B.1.1 Identify hotspots for training interventions through scoping studies	B.1.1.1 Readily available and accessible training manuals to aid sustained STI capacity building in Africa	January 2024 to December 2024	\$67,444.64			

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
	<p>B.1.2 Collaborate with partners to develop training manuals as necessary</p> <p>B.1.3 Presentation and validation of co-developed and co-designed training programs, high-level policy and stakeholder dialogue, and delivery of training programs based on prioritized needs of various sectors.</p>	<p>B.1.2.1 Increased collaborations with other STI actors within and outside Africa.</p> <p>B.1.3.1 Training and sensitization workshops to build capacity and influence policy and practice in various priority sectors</p>					

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
B.2 <u>Undertake</u> training, sensitization and capacity building for relevant stakeholders on STI related issues	<p>B.2.1 More suitable training interventions that meet the needs of stakeholders accomplished</p> <p>B.2.2 More stakeholders become aware and improve their capacity to deploy STI knowledge and skills for socioeconomic development</p> <p>B.2.3 Increased ability to meet stakeholders' STI needs through training and capacity building</p>	<p>B.2.1.1 Undertake capacity needs assessments prior to mounting STI training programs</p> <p>B.2.2.1 Collaborate with like-minded institutions to implement STI training programs.</p> <p>B.2.3.1 Learning Visits to Successful and well-performing Councils in Africa</p>	January 2024 to December 2024				
Programmatic Objective C: Youth and Gender Empowerment (YGEP)							
C.1 Promote the African Youth Forum for Science and Technology (AYFST) and	C.1.1 Increased youth and women participation in STI with improved capacity to undertake research, policy and practice for sustainable development	C.1.1.1 Mobilize youth and women and empower them to harness opportunities in agriculture, energy, environment and health for development	Ongoing through the year				\$18,910

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
the African Women Forum for Science and Technology (AWFST) programmes	<p>C.1.2 Increased opportunity for knowledge sharing, networking and collaboration among African youth and women</p> <p>C.1.3 Increased ability of African youth and women to innovate and solve societal challenges</p> <ul style="list-style-type: none"> Strengthen the capacity and linkages of key actors within the extension system, particularly extension agents and contact farmers. This will ensure the sustained 	<p>C.1.2.1 Support regional knowledge sharing and cooperation among youth and women</p> <p>C.1.2.2 Provide targeted training and capacity building programmes in specialized STI areas</p> <p>C.1.3.1 Offer fellowships, internships and mentoring services</p> <p>C.1.3.2 Reward and celebrate African youth and women inventors and innovators</p> <p>SCALE-IDRC: Strengthening the Capacity of the Extension System to use Proven Knowledge and Technologies to Sustain Equitable Locally Led Adaptation</p>		\$71,956			

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
	<i>transfer of proven knowledge, information, and technology to smallholder farming communities, thereby increasing their productivity and resilience.</i>	Among Smallholder Farmers					
C.2 Support African youth and women in science, technology, engineering and mathematics (STEM) education, research and investment	C.2.1 Production of quality STEM graduates to support industrial growth. Increased job creation to absorb young graduates and increased capacity to manage businesses.	C.2.1.1 Offer a number of scholarships annually to African youth and women in STEM education and research C.2.1.2 Offer supports to youth and women with innovative ideas to start up business ventures C.2.1.3 Provide supports for innovation incubation programmes and links to venture capital	Ongoing through the year				

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work CRES, UNEP AESU & ClimSA
Programmatic Objective D: Knowledge brokerage, management and commercialization							
D.1 Create platforms to increase and strengthen collaboration and networking between and among STI actors for development	D.1.1 Increasingly networked science system actors that could translate STI knowledge into products and services D.1.2 Opportunities for the creation of more jobs and wealth on the continent	D.1.1.1 Organize annual stakeholders' meetings, roundtables, fora and dialogue on topical STI issues of national and regional interests. D.1.2.1 Develop innovation incubation and start-up programmes in the selected sectors including agriculture, energy, environment and health.	Ongoing through the year	\$121,222.97			
D.2 Produce knowledge products to enhance knowledge sharing among actors	D.2.1 Well-informed African society capable of utilizing new knowledge products to better their living conditions.	D.2.1.1 Publication and dissemination of knowledge products such as journal articles, policy briefs, research papers, working papers, issue papers, and newspapers customized to different stakeholder categories.	Ongoing through the year				

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
		D.2.1.2 Training on how to produce quality STI knowledge products.					
D.3 Offer technology cooperation services between international investors and African countries and institutions	D.3.1 A mutually beneficial technical cooperation between African countries and international investors	D.3.1.1 Facilitate bilateral agreements for technology transfer and cooperation between African countries and international investors D.3.1.2 Conduct trainings for personnel working in the interface of technology management					
Programmatic Objective E: Intra-Africa and Global Collaboration and Partnerships							
E.1 Revitalize the ATPS national chapters in 27 African	E.1.1 Increased visibility and impacts of the ATPS at the national, regional and continental levels E.1.2 Better engagement of the national chapters that will	E.1.1.1 Secure core funding supports from development partners to support the ATPS National Chapters E.1.2.1 Continually engage the ATPS	Ongoing through the year	\$10,850		\$28,875	

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

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
countries and 3 diaspora chapters to effectively promote STI research, policy and practice in their respective countries	lead to more meaningful impacts at various levels	National Chapters in the programmes of the ATPS and in forums at national, regional and continental levels E.1.2.2 Negotiate with different institutions including the National STI Councils of the different African countries for collaborations and partnerships in implementing existing projects and joint fundraising activities.					
E.2 Mobilize financial resources to promote STI development in Africa	E.2.1 Improved well-being of the African people through development interventions and supports	E.2.1.1 Partner and collaborate with like-minded institutions and organizations in Africa and beyond to raise funds to implement programmes on STI development with particular interest in agriculture, food and	Ongoing through the year				

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
	E.2.2 Increased partnerships and collaboration between and among like-minded institutions.	nutrition security; energy; environment and climate change; and health innovations E.2.2.1 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	E.3.1 Achieve the Africa we all want. <i>An integrated, prosperous and peaceful Africa driven and managed by its own citizens and representing a dynamic force in the international arena.</i>	E.3.1.1 Create awareness on the STISA 2024 among relevant institutions and agencies in Africa and beyond E.3.1.2 Partner with the AUC, its bodies and other Pan-African STI organizations to develop and implement programs/projects focusing on the priority areas of STISA 2024 which aims to accelerate Africa's transition to an innovation-led,					

Appendix 3.0: Grants Received in 2022 and Summary of the 2023 Estimated Budget

Strategic Objectives	Outcomes	Planned Activities	Expected time frame	Available budgets for 2024 (US\$)			
				IDRC	AFREXIM BANK	African Development Bank	Mastercard Foundation, Gender @ Work, CRES, UNEP, AESU & ClimSA
		knowledge-based economy.					
Total Programmes in USD				504,088.03	34,147.62	111,542.70	173,631.31
Administration costs in USD				64,432.13	0.00	12,393.63	19,292.37
GRAND TOTAL in USD				568,520.16	34,147.62	123,936.33	192,923.68

SUMMARY OF PROJECTS

S/N	PROJECTS	DONORS	BUDGET (US\$)
1.	Technological Innovation Development in Africa to Enhance Employability, Entrepreneurship and Job Creation (TIDE)	AFREXIMBANK	USD 500,000
2.	Understanding the Policy and Institutional Landscape for Technological Innovation Development in Africa to Enhance Youth Employability, Entrepreneurship and Job Creation (UPTIER)	Mastercard Foundation	USD 249,616
3.	Managing Organization (Hub) for Responsible Artificial Intelligence for Agriculture and Food Systems Innovation Research Network in Africa (AI4AFS)	IDRC	USD 954,456

4.	Building Capacity of Selected Sub-Sahara African Countries to Effectively Measure Progress in their Nationally Determined Contributions Implementation using Tracking Tools and Indexes	African Development Bank (AfDB)	USD 456,803
5.	Strengthening the National Research and Innovation Funding Agencies in West Africa (SRIFA)	IDRC	USD 729,320
6.	Strengthening the Capacity of the extension system to use proven knowledge and technologies to sustain equitable Locally Led adaptation among smallholder farming communities in selected West African countries (SCALE)	IDRC	USD 436,244
7.	Strengthening the Capacity of Women and Marginalized Communities in Africa's Agriculture and Food Systems to Harness the Potentials of Artificial Intelligence Technology	Gender @ Work	USD 18,910
8.	Solutions for Universal Access to Childcare Services that Encourage Economic Participation of Senegalese Women.	Consortium for Economic and Social Research (CRES)	USD 11,404
9.	Accelerating Entrepreneurship Support in Universities (AESU) in Kenya Project	The Riara University	USD 10,598
10.	Technical Assistance for Intra-ACP climate Services and Related Applications (ClimSA)	Agriconsulting Europe S.A, (AESA)	USD 140,760
		Total Income	<u>USD 3,508,111</u>

Appendix 4.0: ATPS Financial Statements

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

STATEMENT OF DIRECTORS' RESPONSIBILITIES

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

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

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

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



EXECUTIVE DIRECTOR



DIRECTOR

22 / 04 / 2024

22 / 04 / 2024

**INDEPENDENT AUDITORS' REPORT TO THE DIRECTORS OF AFRICAN TECHNOLOGY
POLICY STUDIES NETWORK (ATPS)**

Report on the financial statements

We have audited the accompanying financial statements of African Technology Policy Studies Network (ATPS), set out on pages 52 to 64 which comprise the statement of financial position as at 31 December 2023, and the statement of profit or loss and other comprehensive income, statement of changes in funds and statements of cash flows for the year then ended, and a summary of significant accounting policies and other explanatory notes.

Directors' Responsibility for the Financial statements

The directors are responsible for the preparation of financial statements that give a true and fair view in accordance with International Financial Reporting Standards for Small and Medium-sized Entities in the manner required by the Kenyan companies Act, and for internal controls as Directors determine are necessary to enable the preparation of financial statements that are free from material misstatements, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with International Standards on Auditing. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we considered the internal controls relevant to the company's preparation of financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's Internal controls. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the directors, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

**INDEPENDENT AUDITORS' REPORT ON THE FINANCIAL STATEMENTS OF
AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS) (continued)**

Opinion

In our opinion, the financial statements give a true and fair view, in all material respect, of the state of financial affairs of the company as at 31 December 2023 and of its financial performance and cash flow for the year then ended in accordance with International Financial Reporting Standards for Small and Medium sized Entities and the requirements of the Kenyan Companies Act.

Report on Other Legal Requirements

As required by the Kenyan Companies Act we report to you, based on our audit, that:

- i) We have obtained all the information and explanations which, to the best of our knowledge and belief were considered necessary for the purposes of our audit.
- ii) In our opinion, proper books of account have been kept by the company, so far as appears from our examination of those books; and
- iii) The company's statement of financial position and statement of comprehensive Income are in agreement with the books of account.

The engagement partner responsible for the audit resulting in this independent auditors' report is
CPA Okhwanasiloli Z.S. Otido - P/NO.2044.

*CPA Okhwanasiloli Z.S.
Otido*

Certified Public Accountants (Kenya)
Nairobi, Kenya

26/04/2024 2024



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 2023

	Note	2023 US\$	2022 US\$
INCOME			
Grant Income	3	909,702.02	885,843.89
Other Income	4	19,622.57	11,227.56
Finance Income	9	(5,453.47)	(3,407.88)
		<u>923,871.12</u>	<u>893,663.57</u>
OPERATING EXPENSES			
Project Expenditure	15	(729,736)	(561,107)
General administration	15	(114,999)	(141,781)
		<u>(844,735)</u>	<u>(702,888)</u>
(DEFICIT) / SURPLUS FOR THE YEAR		<u>79,136</u>	<u>190,776</u>

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

STATEMENT OF FINANCIAL POSITION
AS AT 31 DECEMBER 2023

ASSETS	Note	2023	2022
		US\$	US\$
Non-current assets			
Motor vehicles and equipment	7	15,266	11,208
Intangible assets	8	<u>3,157</u>	<u>3,237</u>
		<u>18,423</u>	<u>14,445</u>
Current Assets			
Other receivables	11	115,936	95,257
Bank and cash balance	20	<u>386,408</u>	<u>745,864</u>
		<u>502,344</u>	<u>841,121</u>
Total Assets		<u><u>520,767</u></u>	<u><u>855,566</u></u>
FUNDS AND LIABILITIES			
Funds			
Capital Reserves		14,749	14,749
Accumulated Fund		<u>166,718</u>	<u>529,569</u>
		<u>181,467</u>	<u>544,318</u>
Current Liabilities			
Payables and accruals	12	<u>339,300</u>	<u>311,248</u>
		<u>339,300</u>	<u>311,248</u>
Total funds and liabilities		<u><u>520,767</u></u>	<u><u>855,566</u></u>

The financial statements on pages 48 to 64 were approved by the Directors on 22/04/ 2024
and signed on their behalf by:

.....
EXECUTIVE DIRECTOR.

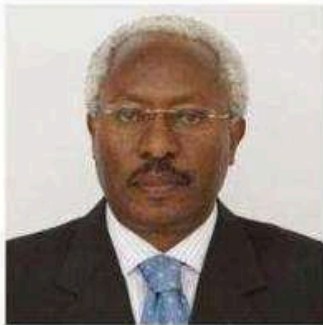
.....
DIRECTOR

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

STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED 31 DECEMBER 2023

	Note	2023	2022
		US\$	US\$
OPERATING ACTIVITIES			
(Deficit)/Surplus for the year		79,136	190,776
Adjustments for:			
Depreciation		5,590	3,946
Amortisation		80	1,349
Prior year adjustment		(442,377.02)	(269)
Operating (deficit)/surplus before working capital changes		<u>-357,571</u>	<u>195,802</u>
(Increase) / Decrease in other receivables		(29,936)	(24,836)
Increase/(Decrease) in payables and accruals		<u>28,052</u>	<u>41,870</u>
Net cash used in operating activities		<u>-359,455</u>	<u>212,836</u>
INVESTING ACTIVITIES			
Purchase of furniture and equipment		<u>0</u>	<u>0</u>
Net cash outflow from investing activities		<u>0</u>	<u>0</u>
(Decrease)/Increase in cash and cash equivalents		-359,455	212,836
Cash and cash equivalents at 1 January		745,864	533,028
Cash and cash equivalents at 31st December		<u>386,408</u>	<u>745,864</u>
Represented by:			
Bank and cash balances		<u>386,408</u>	<u>745,864</u>

APPENDIX 5.0: 2023 ATPS Board Members



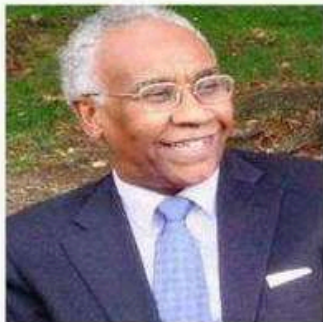
Prof. Crispus Makau Kiamba
Chairperson



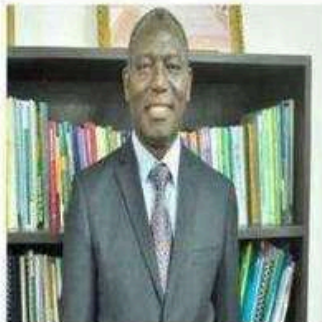
Dr. Akanimo Odon
Director



Prof. Azikiwe Peter Onwualu
Director



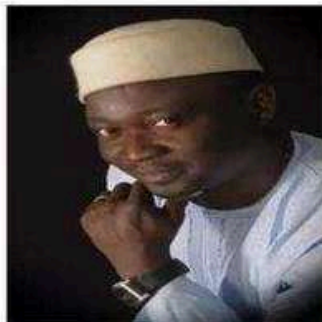
Dr. El Tayeb Mustafa
Director



Dr. George Owusu Essegbey
Director



Prof. Chinwe Ifejika Speranz
Director



Prof. Nicholas Ozor
Executive Director and Secretary

APPENDIX 6.0:

ATPS Responsible STI Advisory Committee



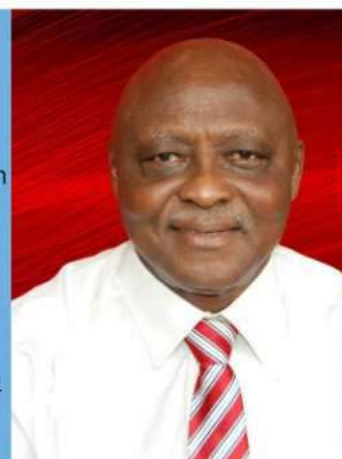
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APPENDIX 7.0:

ATPS Regional Steering Committee Members



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APPENDIX 8.0:

ATPS Secretariat staff during the period of 01 January 2023 - 31 December 2023

1. Dr Nicholas Ozor - Executive Director
2. Mr. Alfred Nyambane - Programme Manager
3. Engr. Prof. Joel Nwakaire - Postdoctoral Research Officer
4. Dr. Cynthia Ebere Nwobodo - Postdoctoral Research Officer
5. Mr. Wentland Muhatiah - Research Officer
6. Mr. Nehemiah Ndinwa - Finance and Administration Officer
7. Ms. Doreen Ongoro - Assistant Finance and Administration Officer
8. Ms. Sheila Wanjeri - Communications and Outreach Officer
9. Ms. Susan Mburu - Communications and Outreach Officer
10. Mr. Ian Njuguna - Information and Communication Technology Consultant
11. Mr. Patrick Ng'ang'a - Driver/Office Messenger
12. Ms. Vienda Wasike - Office Cleaner

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Gambia

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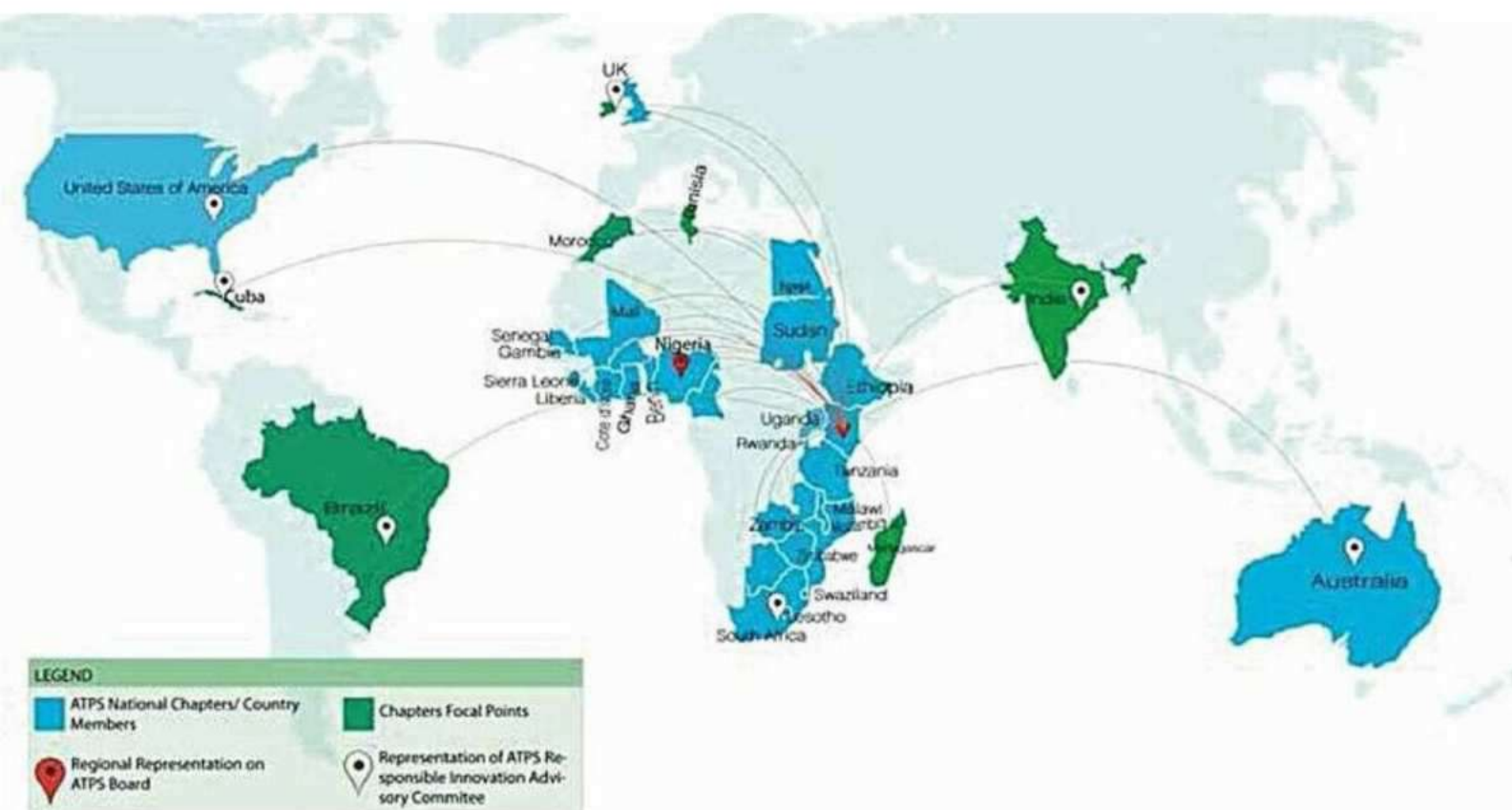
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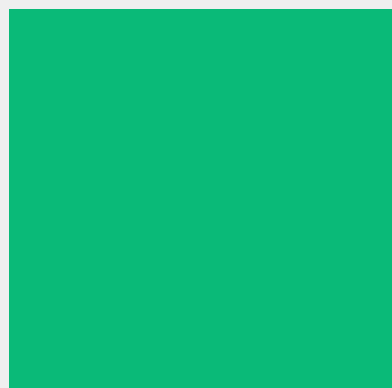
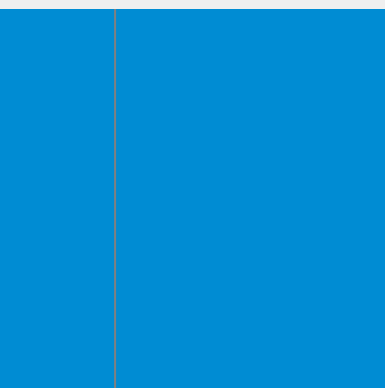
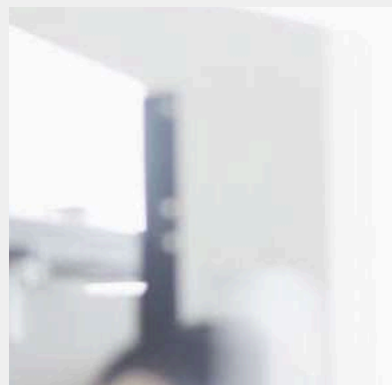
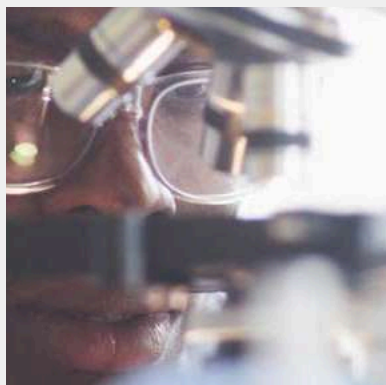
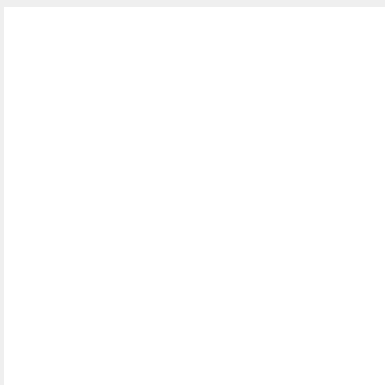
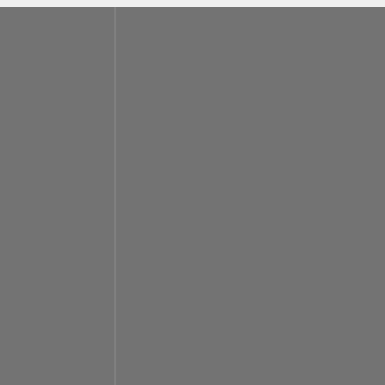
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Thank You

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