



Annual Report 2013

Science, Technology and Innovations
for African Development





The African Technology Policy Studies Network (ATPS) is a multi-disciplinary network of researchers, private sector actors and policy makers promoting the generation, dissemination, use and mastery of Science, Technology and Innovation (STI) for African development, environmental sustainability and global inclusion. ATPS intends to achieve its mandate through research, capacity building and training, science and communication/dissemination and sensitization, participatory multi-stakeholder dialogue, knowledge brokerage, and policy advocacy.

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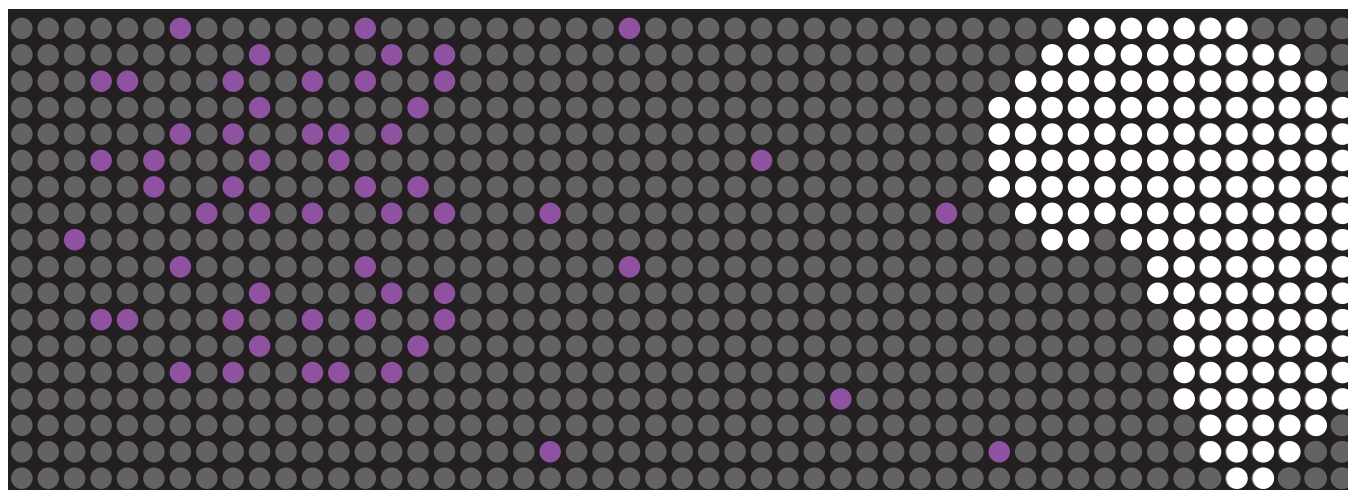


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List of Acronyms:

AAS	African Academy of Sciences
AATF	African Agricultural Technology Foundation
ABS	Access and Benefit Sharing
ACCAI	Africa Climate Change Adaptation Initiative
ACPC	Africa Climate Policy Centre
ADEA	Association for the Development of Education in Africa
AfDB	African Development Bank
ATPS	African Technology Policy Studies Network
AUC	African Union Commission
AusAID	Australian Agency for International Development
AWFST	African Women Forum for Science and Technology
AYFST	African Youth Forum for Science and Technology
BEST	Biodiversity, Ecosystem Services, Social Sustainability and Tipping Points in African Drylands Project
CEEEZ	Centre for Energy, Environment and Engineering Zambia
DFID	Department for International Development
ED	Executive Director
ESPA	Ecosystems For Poverty Alleviation
EU	European Union
GGBP	Green Growth Best Practice
ICE	Interactive Collaborative Environment
ILRI	International Livestock Research Institute
IPCC	Intergovernmental Panel on Climate Change
IP	Intellectual Property
ISAAA	International Service for the Acquisition of Agri-Biotech Applications
LandPKS	Land Potential Knowledge System
MoU	Memorandum of Understanding
NANO- DEV	Nanotechnologies for Development
NASAC	Network of African Science Academies
NCCARF	National Climate Change Adaptation Research Facility



NACOSTI	National Council for Science and Technology (Kenya)
NEPAD	New Partnership for African Development
NGO (s)	Non-Governmental Organization (s)
NSTC	National Science and Technology Council (Zambia)
OECD	Organization for Economic Cooperation and Development
OFAB	Open Forum on Agricultural Biotechnology
OSF	Open Society Foundation
RECs	Regional Economic Communities
SADC	Southern African Development Community
STI	Science, Technology and Innovation
SSIR	Stanford Social Innovation Review
TK	Traditional Knowledge
ToTs	Training of Trainers
UCL	University College of London
UK	United Kingdom
UN	United Nations
UNESCO	United Nations, Education, Scientific and Cultural Organization
UNIDO	United Nations Industrial Development Organization
UNN	University of Nigeria Nsukka
USA	United States of America
USAID	United States Agency for International Development

A woman with dark hair, wearing a blue sweater and a brown apron, is bent over in a field, tending to a large green plant with broad leaves and a long, dark green cucumber-like fruit. The background shows a rural landscape with trees and a cloudy sky.

The Chairman's Message

Science, Technology and Innovations
for African Development

The Chairman's Message



Prof. Shaukat Abdulrazak Ali
Board Chair

Compliments of the New Year 2014. I am delighted to introduce the ATPS Annual Report for the year 2013, a year that we launched the Phase VII Strategic Plan July 2013- June 2018. The strategy focuses on improving the understanding and functioning of STI policy research and policy making processes and systems to strengthen capabilities, social responses and governance of STI-led sustainable development in Africa. It also builds on the achievements and strengths of the network and critically analyses the experiences and gaps identified in Phase VI (2008 – 2012). This new strategy will cultivate Africa's great vision of sustainable development through science, technology and innovation.

This report presents a summary of the ATPS's efforts and successes in Science, Technology and Innovation (STI) capacity building as well as the financial position of the organization for the period 01 January 2013 to 31 December 2013. The report has been organized according to the strategic priority focus areas and objectives contained in both the ATPS Phase VI and VII Strategic Plan and Annual Work Plan for the year.

The ATPS continues to uphold its standards as the premier science, technology and innovation institution in the continent since 1994 that is aimed to build Africa's capabilities in STI policy research, policy making and policy implementation for sustainable development. This is achieved in line with the vision of becoming the leading international centre of excellence and reference in science, technology and innovation systems research, training and capacity building, communication and sensitization, knowledge brokerage, policy advocacy and outreach in Africa.

The progress in 2013 has been achieved through research and capacity building, training and knowledge generation, international cooperation and partnerships, youth and gender empowerment, training and sensitization, science communication and stakeholder dialogue. Other strategies were outreach, knowledge brokerage and policy advocacy as well as technical support (network management/coordination).

ATPS's mandate is guided by its mission, to improve the quality of science, technology and innovation systems research and policy making in Africa by strengthening capacity for science and technology knowledge generation, communication and dissemination, use and mastery for sustainable development in Africa. The mission re-affirms its commitment to support capacity building activities in the area of science, technology, and innovation knowledge generation, knowledge circulation and networking, policy making and policy practices in Africa for African development.

ATPS's efforts are supported by its National Chapters in 30 countries (27 African countries and three in the diaspora namely; USA, UK and Australia). The National Chapters operate under National Coordinators who provide intellectual and administrative leadership at country level. Each Chapter has a strategic plan that outlines priority areas of research in their various countries. These identified priority areas guide the research efforts of ATPS.



This year ATPS recorded enormous strides in achieving its objectives in all the strategic priority areas which are attributed to the continued positive mindset in the belief and aim to build Africa's science, technology and innovation capacity today, for sustainable development tomorrow.

One of the major achievements this year is the participative and consultative development of the ATPS Phase VII Strategic Plan July 2013 – June 2018. ATPS was able to commission 3 regional studies on agricultural innovations and emerging technology for climate change adaptation and food security in Africa. ATPS also contributed to the development of the structure for a web-based platform for the Interactive Collaborative Environment (ICE) and participated in the Green Growth in Africa workshop, Eidos International Public Policy congress in Cape Town, South Africa and 65th Open Forum on Agricultural Biotechnology (OFAB) in Africa amongst others.

There was significant increase in the global reach and influence of the ATPS as it continually strives to represent the African voice on STI policy dialogues in Africa and globally. It is worth noting the institutional cooperation and partnerships formed including international roundtable discussion forums; these are great platforms for sharing knowledge to critically address matters of science, technology and innovation as well as African Development at large.

Of remarkable interest is the listing of ATPS in 2012 global Go To Think Tanks Index Report. The ATPS was listed as the 76th out of 6,603 Go To Think Tanks. This is a key achievement which strategically places the ATPS in the global map and provides a competitive advantage over other like-minded institutions in Africa.

In spite of all the above success stories, there are also challenges that come with them. Funding is still an impediment in organizing and implementing STI capacity building programs at regional and national levels. As we mark this new phase we shall continuously call and remind our consortium of donors and partners to support the ATPS through both the core funding and thematic funding streams. We continuously appreciate your support in driving Africa's science, technology and innovation capacity programmes for the future wellness.

On behalf of the ATPS Board, I specially want to thank our consortium of donors who have relentlessly given

us immense support in achieving our objectives during the reporting year. Among them, the host country the Republic of Kenya, Climate Development Knowledge Network (CDKN), the UK Department for International Development (DFID), Open Society Foundation (OSF), Bio-resources Innovations Network for Eastern Africa Development (Bio-Innovate) Program, Ecosystems Systems for Poverty Alleviation (ESPA), International Service for the Acquisition of Agri-biotech Applications Africentre (ISAAA), African Agricultural Technology Foundation (AATF), United States Agency for International Development (USAID), Australian Agency for International Development (AusAID).

Others include: the National Commissions/Councils for Science and Technology or its equivalent in the respective countries in Africa where we have our presence, the African Union Commission (AUC), various arms of the United Nations (UN) Agencies, Universities and Research Institutions particularly, the University of Sussex, University of Nigeria Nsukka, Murdoch University, University of Reading, Stellenbosch University, African Academy of Sciences (AAS), University College London (UCL), Zoological Society of London (ZSL), International Livestock Research Institute (ILRI), African Women Forum for Science and Technology (AWFST), African Youth Forum for Science and Technology (AYFST) among others. We continue to rely on you especially in implementing our Phase VII Strategic Plan (July 2013- June 2018) so as to improve the understanding and functioning of STI policy research and policy making processes.

I also thank the Board Members, National Chapter Coordinators, Regional Steering Committee Members, Responsible STI Policy Advisory Committee Members, ATPS members, and the Secretariat staff for their commitment and support throughout the year.

On behalf of the ATPS Board, I request for your support in the implementation of Phase VII Strategic Plan that will have a significant impact in Africa's prosperity. I have confidence that ATPS will continue to deliver its mandate seamlessly and with your support, this will continuously be a success story.

Thank you.

Professor Shaukat Ali Abdulrazak
PhD, FKIM, FAAS, FASI, FTWAS, MBS
Chair, ATPS Board/Vice-chancellor,
Umma University, Kenya



Science, Technology and Innovations
for African Development

Executive Director's Message



Executive Director's Message



I am pleased to present the ATPS Annual Report for the year 2013. The year marked the launch of the ATPS Phase VII Strategic Plan (2013- 2018). This report contains a summary update of the ATPS efforts in Science, Technology and Innovation (STI) capacity building in policy research, policymaking and implementation as well as the financial position of the organization for the period 01 January 2013 to 31 December 2013. The report is organized under the strategic priority focus areas and objectives outlined in the ATPS Phase VI, part of Phase VII Strategic Plan and the Annual Work Plan for the year 2013 as approved by the ATPS Board of Directors and our development partners.

These include:

- i) Research, Capacity Building & Knowledge Generation
- ii) International Cooperation and Partnerships
- iii) Youth and Gender Empowerment
- iv) Training and Sensitization
- v) Science Communications and Stakeholder Dialogue
- vi) Outreach, Knowledge Brokerage, Knowledge Circulation and Policy Dialogue

As we consistently move towards the implementation stage of Phase VII Strategic Plan which has been critically informed by the gaps identified in Phase VI (2008-2012), our focus moves deeper into the improvement of the understanding and functioning of STI policy research and policy making processes and systems to strengthen capabilities, social responses, and governance of STI-led sustainable development in Africa.

As we move forward, it is fulfilling to take into account the great milestones that ATPS has had towards the achievement of sustainable development in Africa. Over the years, ATPS has successfully championed and executed STI policy research and capacity building programs and projects in African countries. We have continuously contributed to Pan-African, Regional and National policies and development strategies in various fields, including science and technology, climate change, energy, biotechnology, intellectual property rights, food security among others. Mainstreaming the African perspectives in global, regional and national policy processes has also been among the great accomplishments.

In 2012, ATPS was ranked in the Global Think Tank among the top 100 Think Tanks emerging the 76th out of 6,603 Think Tanks from 182 countries, which was an outstanding performance. Our stakeholders have also positively assessed our performance effectiveness based on online responses by ATPS stakeholders in 30 countries globally. Additionally, ATPS has had a longstanding and effective intra-Africa and global partnership and institutional linkages, consequently we have continued with the role of raising the profile in science communication and knowledge brokerage in Africa.

This achievements can be drawn from staying true to our mission; to improve the quality of science, technology and innovation systems research and policy making in Africa by strengthening capacity for science and technology knowledge generation, communication and dissemination, use and mastery for sustainable development in Africa.

This has clearly been carried on to the Phase VII Strategic Phase where the approach will be based on:

1. Fully embedding Africa's social, economic and political realities, addressing African policy priorities (i.e. socialization of STI in Africa).
2. Effectively engaging all actors in the relevant innovation system in knowledge generation, dissemination, and deployment in policy design, implementation, monitoring and



evaluation.

(i.e. democratic governance of STI in Africa)

3. Implemented at improved cost-effectiveness and low administration costs ratios (i.e. enhanced value for money invested).
4. Achieving tangible impacts on livelihoods of citizens in African communities.
5. Influencing and informing public policies with cutting edge STI knowledge.
6. Fostering development, deployment and diffusion and technological and social innovations at all scales for African development.
7. Facilitating intra-Africa and global partnerships in STI policy research, policy making and implementation for sustainable development.
8. Nurturing and harnessing the innovative capabilities of African youths and women.
9. Brokering the sharing of knowledge, technologies and innovations within African countries and internationally.
10. Building STI capabilities for sustainable development in Africa.

This report highlights the regional research projects commissioned on agricultural innovations and emerging technology for climate change adaptation and food security in Africa, international roundtable discussion forums that ATPS participated in, the various youth and gender empowerment and capacity building innovation programs, trainings and publications throughout the reporting period.

It also points out the challenges experienced throughout the year especially funding which was not adequate in implementing all our set objectives and in meeting our stakeholders' demands. The challenge can be attributed to the on-going global crisis, increasing climate change effects and the change in global focus towards new development agendas. Nonetheless, ATPS has endlessly remained true to its promise so as to ensure that all its strategic priorities are achieved and donor expectations are successfully executed. We kindly solicit for continuous support from our consortium of donors and development partners to effectively build Africa's science, technology and innovation capacity today for sustainable African development tomorrow, which is our core mandate.

I would like to extend my gratitude to all those who supported us throughout the year especially in working toward our phase VII strategic plan through development grants, linkages, partnerships and other collaborative activities. Importantly our host country, the Republic of Kenya, Climate Development Knowledge Network (CDKN),

the UK Department for International Development (DFID), Open society Foundation (OSF), Bio-resources Innovations Network for Eastern Africa Development (Bio-Innovate) Program, Ecosystems Systems for Poverty Alleviation (ESPA), International Service for the Acquisition of Agri-biotech applications Africentre (ISAAA), African Agricultural Technology Foundation (AATF), United States Agency for International Development (USAID), Australian Agency for International Development (AusAID).

Others include the National Commissions/Councils for Science and Technology or its equivalent in the respective countries in Africa where we have our presence, the African Union Commission (AUC), various arms of the United Nations (UN) agencies, Universities and Research institutions particularly, the University of Sussex, University of Nigeria Nsukka, Murdoch University, University of Reading, Stellenbosch University, African Academy of Sciences (AAS), University College London (UCL), Zoological Society of London (ZSL), International Livestock Research Institute (ILRI), African Women Forum for Science and Technology (AWFST), African Youth Forum for Science and Technology (AYFST) among others. We continue to rely on you especially in implementing our Phase VII Strategic Plan July 2013- June 2018 so as to improve the understanding and functioning of STI policy research and policy making processes.

I want to thank the ATPS Board, the ATPS Regional Council, the International STI Advisory Committee, National coordinators in all the Chapters, Secretariat Staff, and the entire network members and stakeholders for the enormous support and guidance received in 2013. We look forward to continued cooperation in 2014 and beyond. It is with no doubt that with your continued support, ATPS will accomplish its mandate and renew the big picture of Africa's sustainable development.

As Henry Ford puts it "Coming together is a beginning; keeping together is progress; working together is success".

Sincerely,

Dr. Nicholas Ozor
Executive Director, ATPS



About ATPS

Science, Technology and Innovations
for African Development



About ATPS



The African Technology Policy Studies Network (ATPS) is a trans-disciplinary network of researchers, policymakers, private sector actors, and civil society actors promoting the generation, dissemination, use and mastery of STI for African development, environmental sustainability and global inclusion. Established in 1994, the ATPS has continued to build capacities in science, technology and innovation for sustainable development in Africa. It has grown from a network of few members in seven African countries to an international organization. As an international organization, with its headquarters established in Nairobi Kenya, ATPS enjoys the privileges and diplomatic immunities accorded to

similar international organizations in Kenya. The ATPS implements its programs through members and partners in National Chapters in the Australia, United states of America and United kingdom) with an expansion plan to cover the entire Africa (**Figure 1**). The Diaspora chapters are established to provide platforms for Africans in the Diaspora and friends of Africa in these countries to proactively participate in STI policy research and policy making of Africa's development.

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



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

ATPS Unique Niche

The ATPS is unique on the continent in many ways. It is not only the premier institution focusing on building Africa's capabilities in science, technology and innovation policy research, policymaking and policy

implementation for sustainable development but also unique in the composition of its membership, institutional structures and implementation activities.

As the premier STI network in Africa, it has successfully mainstreamed STI in African development policy dialogues and assisted many African governments to formulate STI policies, establish ministries of STI, and related Agencies such as National Commissions and Councils for STI. It has produced amongst its membership, Prime Ministers, Vice presidents, Ministers, Director Generals, Vice chancellors, and

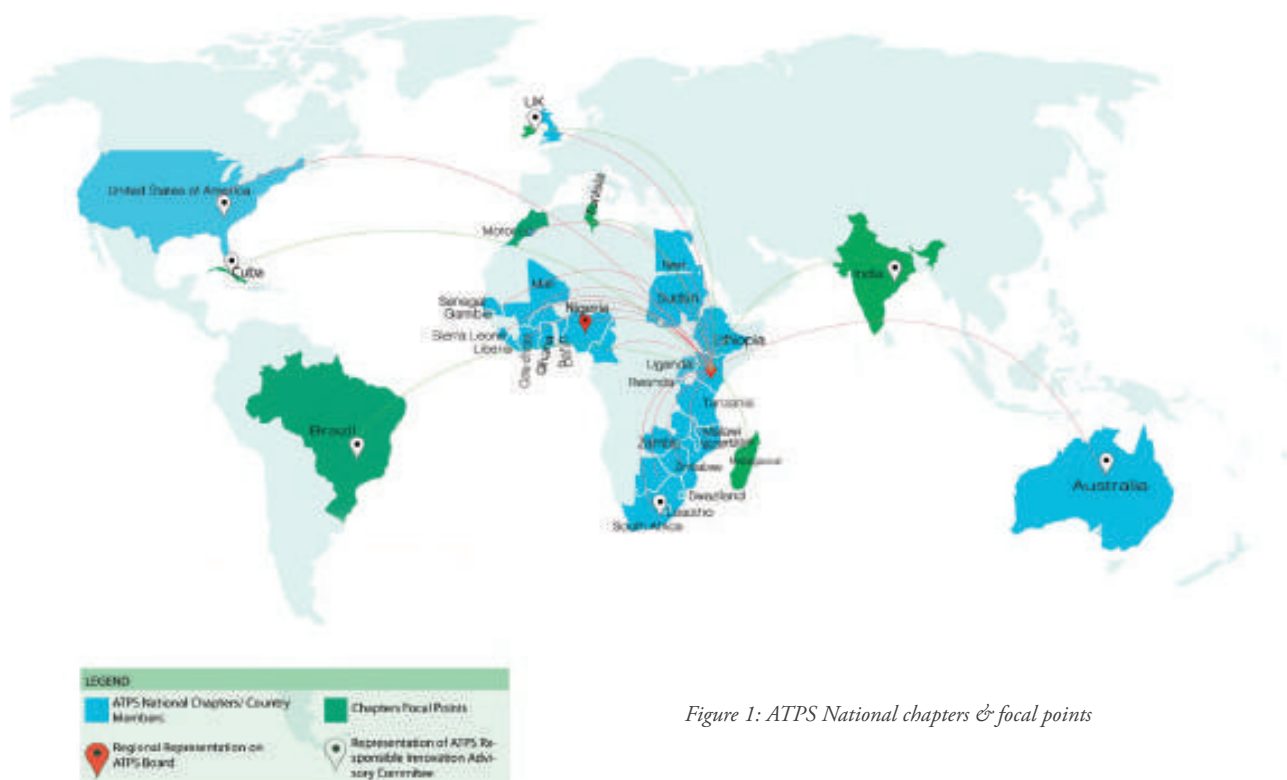


Figure 1: ATPS National chapters & focal points



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.

The Quadruple Helix

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

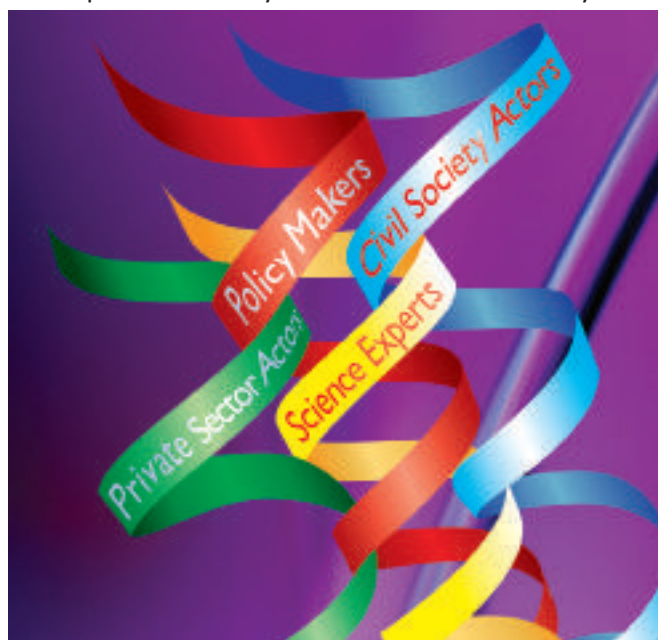


Figure 2 Quadruple Helix: The DNA of innovation

“Unlike many research institutions, networks and universities, the ATPS programs focus on building/ strengthening capacities at the institutional and individual levels to provide policy supports for science, technology and innovation development on the continent.”

the policymakers, science experts, private sector actors and the civil society. This unique composition provides great opportunities for collaboration and cooperation amongst key people in the quadruple helix (**Figure 2**), in research and policy prioritization, design, implementation, monitoring and evaluation. This ensures that ATPS policy research outputs are co-produced in dynamic and reflective participation with all the key actors in the innovation system- bridging



the gaps between policy research, policymaking and policy practice. This enhances the ability of the ATPS to readily access, and/or convene policymakers, private sector actors, science experts, and the civil society for effective valorization of policy research results and vice versa.

The institutional structure of the ATPS also enhances cost effective identification, prioritization and implementation of policy research activities at the regional and national levels through its network of members in the national chapters and the Regional Secretariat respectively. The proactive engagement of members in the national chapters in the identification and implementation of activities also ensures full embedding of the STI activities in local conditions and reduces administrative costs significantly. A recent external evaluation of the network commended the ATPS for maintaining administrative costs below 10% of total program costs throughout the Phase VI implementation period (2007-2012), while increasing the magnitude and quality of research and training outputs and policy impacts. http://www.atpsnet.org/Files/MidTerm_Evaluation.pdf.

Unlike many research institutions, networks and universities, the ATPS programs focus on building/strengthening capacities at the institutional and individual levels to provide policy supports for science, technology and innovation development on the continent. The ATPS therefore plays the facilitative role of a knowledge broker amongst the key actors in the innovation system, providing platforms for leading scientists, policymakers, private sector actors and the civil society actors to interact in unique ways to spur innovations for sustainable development. All research and training activities of the ATPS include the 'make' or 'design' perspective and adopt transdisciplinary approaches to ensure that the outputs and outcomes are co-produced and co-owned by all stakeholders.

Today, the ATPS has over 1,300 members and 2,500 stakeholders in over 51 countries in 5 countries with institutional partnerships worldwide (**Figure 1**). The 2012 Global Think Tank survey ranked ATPS among the top 100 Think Tanks globally; the 76th out of 6,603 Think Tanks surveyed from 182.



ATPS Vision:

To become the leading international centre of excellence and reference in science, technology and innovation systems research, training and capacity building, communication and sensitization, knowledge brokerage, policy advocacy and outreach in Africa.

ATPS Mission:

To improve the quality of science, technology and innovation systems research and policy making in Africa by strengthening capacity for science and technology knowledge generation, communication and dissemination, use and mastery for sustainable development in Africa.

Overall Objective:

To develop Africa's STI capacity (knowledge basis & infrastructure, knowledge circulation & networks, knowledge conditions & policies) today for sustainable African development tomorrow.

ATPS Motto:

Science, Technology and Innovation Policy Research Today for Sustainable Development Tomorrow.



Highlights of ATPS's Accomplishments for the Year 2013

Science, Technology and Innovations
for African Development



Highlights of ATPS's Accomplishments for the Year 2013



This report presents a summary of the ATPS's efforts in building capabilities in STI policy research, policymaking and policy implementation for sustainable development in Africa for the period 01 January 2013 to 31 December 2013. The report is organized under the thematic strategic priorities/objectives outlined in the ATPS Phase VI Strategic Plan and the Annual Work plan for the period 01 January – 31 December 2013.



Research Capacity

International Cooperation & Partnership

Youth & Gender Empowerment

Training and Sensitization

Science, Communication & Stakeholders Dialogue

International Cooperation & Partnership

Outreach, Knowledge Brokerage & Policy Advocacy

Monitoring & Evaluation





Objective 1: Research, Research Capacity Building & Knowledge Generation

- ➔ ATPS successfully completed 3 studies under the **Agricultural Innovations Programme for Climate Change Adaptation for Food Security in Africa targeting countries in West Africa (Anglophone) 7 Central Africa (Francophone) regions. 3 working papers, 3 research papers and 3 Technopolicy briefs** were produced from the study and it can be accessed from http://www.atpsnet.org/publications/technopolicy_briefs/index.php
- ➔ ATPS continued the implementation of a **Integrated Collaborative Environment (ICE) for climate change adaptation and resilience capacity building in Africa.**The ICE is hosted at <http://atps-ice4climatechange.net/>
- ➔ ATPS successfully completed a regional study on **Strengthening National Intellectual Property (IP) Policy and Legal Framework in Eastern and Southern Africa: Traditional Knowledge (TK) Access and Benefit Sharing (ABS) and Effective IP systems. 5 working papers, 4 research papers and 5 Technopolicy briefs.** The IP case study proposal for Zimbabwe was finalized and commissioned. A draft annotated Table of content for the IP Book volume was developed and shared with the ATPS Management
- ➔ ATPS embarked on the 7 ongoing National case Studies on **TK Systems and Increasing ABS of IP in Africa targeting Eastern Africa and the Southern African Development Community (SADC) Countries. 5 working papers, 4 research papers and 5 Technopolicy briefs.**
- ➔ ATPS successfully completed a regional study on **TK Systems and Increased ABS of IP in Africa targeting Eastern Africa and the SADC Countries. 1 working paper, 1 research paper, 3 special papers, 1 training manual and 1 Curriculum for training course.**
- ➔ ATPS embarked on a collaborative project with University of Nigeria Nsukka (UNN) on





Building Trans-disciplinary Climate Change Adaptation Capacity at the University of Nigeria and the Open Society Foundations (OSF). The overall purpose of this initiative is to build and up-scale the capacity for research, teaching, learning and outreach services in climate change adaptation within the University of Nigeria Nsukka.

➡ ATPS successfully completed a regional study on **TK Systems and Increased ABS of IP in Africa targeting Eastern Africa and the SADC Countries**. 1 working paper, 1 research paper, 3 special papers, 1 training manual and 1 Curriculum for training course.

➡ ATPS collaborated with National Councils for Science and Technology in Burundi, Ethiopia, Kenya, Rwanda, Tanzania and Uganda; International Service for Acquisition of Agri-Biotech Applications and International Livestock Research Institute to review **National Science, Technology and Innovation Policies in Eastern Africa** and to establish the extent to which they support or hinder bioscience innovations. An immediate output from the workshop was the Bio-innovate Newsletter titled **"Moving Innovations to the Market."** Which can be accessed at http://cgspace.cgiar.org/bitstream/handle/10568/27630/Bioinnovate-dailytaleissue_2.pdf?sequence=1

➡ ATPS collaborated with University of Sussex to implement program on **Pro-Poor Low Carbon Development, Improving Low Carbon Energy Access Development Benefits in LDCs**. The project aimed to inform the development of Climate Innovation Centres (CICs) in various developing countries by analyzing the history of, and actors involved in the adoption of solar home systems in Kenya. Key activity under the project was organizing Innovation Histories workshop on the Solar Home System (SHS) Market in Kenya.

➡ ATPS collaborated with the University College London (UCL), Zoological Society of London (ZSL), International Livestock Research Institute (ILRI) on a Biodiversity, Ecosystem Services, Social Sustainability and Tipping Points in African dry lands project (BEST). The project aimed to deliver insights into the

➡ poverty and environment impacts of different policies on tenure and natural resources management in East African arid lands, as integrated at the level of pastoralist and agro-pastoralist household decisions.

➡ ATPS embarked on the implementation of research activities on the program on advancing the understanding of social innovations among policymakers, science experts, the private sector and civil society in Africa. ATPS contributed an article to the Stanford social Innovation Review (SSIR) titled **"Social Innovations Creates Prosperous Societies"** which can be accessed at http://www.ssireview.org/supplement/innovation_for_a_complex_world. Further, it was illuminated through electronic media (Kenya broadcasting Corporation- KBC) on 04 June 2013 under the topic Social Innovations and Prosperous Societies attended by Prof. Kevin Urama and Dr. Adrian Ely, Head of Impact and Engagement, SPRU Research Fellow & Lecturer, University of Sussex, UK. The show can be viewed from <https://docs.google.com/file/d/0B5Hp-c1KOZXzY4dVhRZGxBcTQ/edit> or on You tube at <http://youtu.be/PiISBoFxmU8>

➡ ATPS in collaboration with the University of Murdoch, Western Australia, along with other partners managed to secure 3 grants from the Australian Agency for International Development (AusAID) for projects which include:-

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



Objective 2: International Cooperation and Partnership

➡ ATPS participated in International roundtable discussion forums and conducted Training of Trainers (ToTs) programs, roundtables, workshops, publications, e.t.c. To promote awareness on intellectual property at grassroots levels in the Eastern Africa and the SADC countries.

➡ ATPS was listed among the top 100 think tanks globally in the 2012 Global Go To think Tanks Index Report. The ATPS was listed as the 76th out of 6,603 think tanks surveyed from 182 countries globally, and number 8 in Africa, coming second in Kenya after the African Economic Research Consortium. The full report can be accessed at http://repository.upenn.edu/cgi/viewcontent.cgi?article=1006&context=think_tanks.

Other Partnerships and initiatives within the Quadruple Helix are:-

➡ The ATPS participated in two back-to-back workshops under the theme **“Green Growth in Africa: Concepts, Tools and strategies for Building Greener Economies and a Sustainable Future”** held from 15-18 January 2013. The workshops were hosted by the Government of Zambia in partnership with the African Development Bank, the Ministry of Foreign Affairs of Finland, and the Organization for Economic Cooperation and Development (OECD).

➡ ATPS participated in other relevant STI institutions in Africa through development of memorandum of understandings, joint activities which include :-

- Eidos International Public Policy Congress, 06 – 08 February 2013, Cape Town, South Africa
- Pan African University Institute for Water and Energy Sciences (including Climate Change) - (PAUWES) Curriculum Validation Workshop, 18-20 February 2013, Addis Ababa, Ethiopia.
- 65th Open Forum on Agricultural Biotechnology (OFAB) in Africa, Kenya Chapter, 28 March 2013, Nairobi, Kenya.
- 1st Green Growth Best Practice (GGBP) Full Author Meeting, 25-26 February 2013, Amari Hotel, Pattaya, Thailand and 2nd Full Author Meeting, 30-31, May 2013.
- OSF/ACCAI Strategy Planning Committee, 04 March 2013, Pretoria, South Africa.
- Meeting on Food Security in the Context of Climate Change, 04-07 March 2013, Pretoria, South Africa.
- UNESCO Workshop on better governance on Science, Technology and Innovation (STI): Analyzing and Monitoring Policies and Instruments, 12-14 March 2013, Dakar, Senegal.
- Biosciences for Farming in Africa (B4FA) Workshop for Journalists, 18-21 March 2013, Abuja, Nigeria II Workshop - Maintaining and increasing landscape productivity through land-use planning based on land potential evaluation systems, Las Cruces, New Mexico, 1-3 April 2013.



- International Resource Panel - Land and Soils II Workshop - Maintaining and increasing landscape productivity through land-use planning based on land potential evaluation systems, Las Cruces, New Mexico, 1-3 April 2013.
- Development of Africa Development Bank's Green Growth Framework (GGF).
- Second Annual Conference of the Green Growth Knowledge Platform (GGKP), 4-5 April 2013, OECD Conference Centre Paris, France.
- 12th UNEP-IRP Meeting, 22-26 April 2013, Berlin, Germany.
- Conference on African Women and Youth as Agents of Change through Technology and Innovation, April 29 to 03 May 2013, Washington DC, USA.
- Meeting with the Rockefeller Foundation, 02 May 2013, New York, USA.
- Development of the Comprehensive African Strategy, on Climate Change 27-29 March 201, Addis Ababa, Ethiopia and 06-10 May 2013, Nairobi, Kenya.
- Southern Voices Workshop, 09-11 May 2013, Nairobi, Kenya.
- Kenya National Commission for Science and Technology (NACOSTI) during the 2nd National Science, Technology and Innovation Week was held from 13-17 May 2013.
- AU-NEPAD Working group on STI indicators, 15-21 May 2013, Addis Ababa, Ethiopia.



- Global Green Growth Summit 2013, 10-11 June 2013, Republic of Korea.
- Rethinking Food Security in Africa: New Paradigms and Approaches, 12-13 June 2013, Nairobi, Kenya.
- UNIDO/ UNU-MERIT Green Technology in Africa Project Workshop, 14 June 2013, Nairobi, Kenya.
- EU-AU Waste Workshop, 24-25 June 2013, Addis Ababa, Ethiopia.
- LandPKS Project Meetings, 24 – 28 June 2013, Nairobi, Kenya.
- Invitation to the 4th Lead Author Meeting for the Working Group III (WG III) Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC), 1 to 5 July 2013, Addis Ababa, Ethiopia.
- Rockefeller Foundation Agriculture & Finance Summit, 08-09 July 2013, Abuja, Nigeria.
- OSF-ACCAI Reference Group Meeting, 12-14 July 2013, Dakar, Sénégal.
- The Rivers State 2013 Summit on Wealth Creation and Poverty Reduction (WCPR), 17-18 July 2013, River State, Nigeria.



Objective 3: Youth and Gender Empowerment

- ➡ Under the African Youth Forum for Science and Technology (AYFST), Climate Change Innovation Challenge Awards, the ATPS held a competition on **Climate Innovations Challenge** at its annual conference in November 2013. This is to build capacity for innovation amongst youths.
 - ➡ They were drawn from 5 countries namely: Nigeria, Tanzania, Kenya, Uganda, including the Diaspora, and the United Kingdom (UK).
- ➡ The ATPS proposal tournament held on 26th November 2013 in Cairo, Egypt, saw **15** research proposals from 10 countries submitted under the AYFST climate innovation challenge Awards. 9 proposals were submitted and approved at the 18th meeting of the ATPS Board
 - ➡ Three (3) interns were hosted during the reporting period. This is in support of ATPS Youth Internships and Post-Doctoral Summer Placement Program.



Youth undergoing capacity building process through ICT Computer literacy to equip themselves with knowledge for advancement of current skills at the Women's Technology Empowerment Centre in Nigeria.



Objective 4: Training and Sensitization

→ ATPS consolidated reports for the 2012 in-country activities including scientific revival day of Africa in the ATPS chapter countries and Trainer of Trainers (ToTs) programmes,

roundtables, workshops, publications, etc. programmes, roundtables, workshops,

→ Staff training is done too.



Prof. Ann Ndende Amandi (standing) taking participants through the Entrepreneurship Skills Training for Bio-Innovate Scientist in Eastern Africa under the Biosciences Innovation Policy Consortium for Eastern Africa (BIPCEA) Project



Objective 5: Science Communication and Stakeholders Dialogue

ATPS Multi-Media Publications & Websites

During the reporting period, the publications produced and/ or initiated by ATPS include:

- Technopolicy Briefs – 5
- Working Papers – 13
- Research Papers – 7
- Special Papers – 1
- Multimedia Material – 1
- Newsletters - 1
- Press Releases 11

Details available online at: (<http://www.atpsnet.org/publications/index.php>)



Technopolicy Briefs:

<http://www.atpsnet.org>



Working Papers:

<http://www.atpsnet.org>



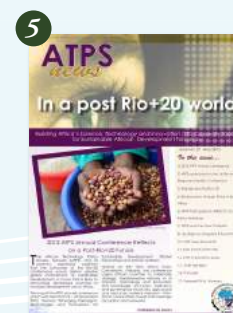
Research Papers:

<http://www.atpsnet.org>



Special Papers:

<http://www.atpsnet.org>



Newsletters - 1

<http://www.atpsnet.org>



Website Hosting



A screen shot of ATPS Website. To log on you can visit (<http://www.atpsnet.org>)

Website Access statistics: January- December 2013

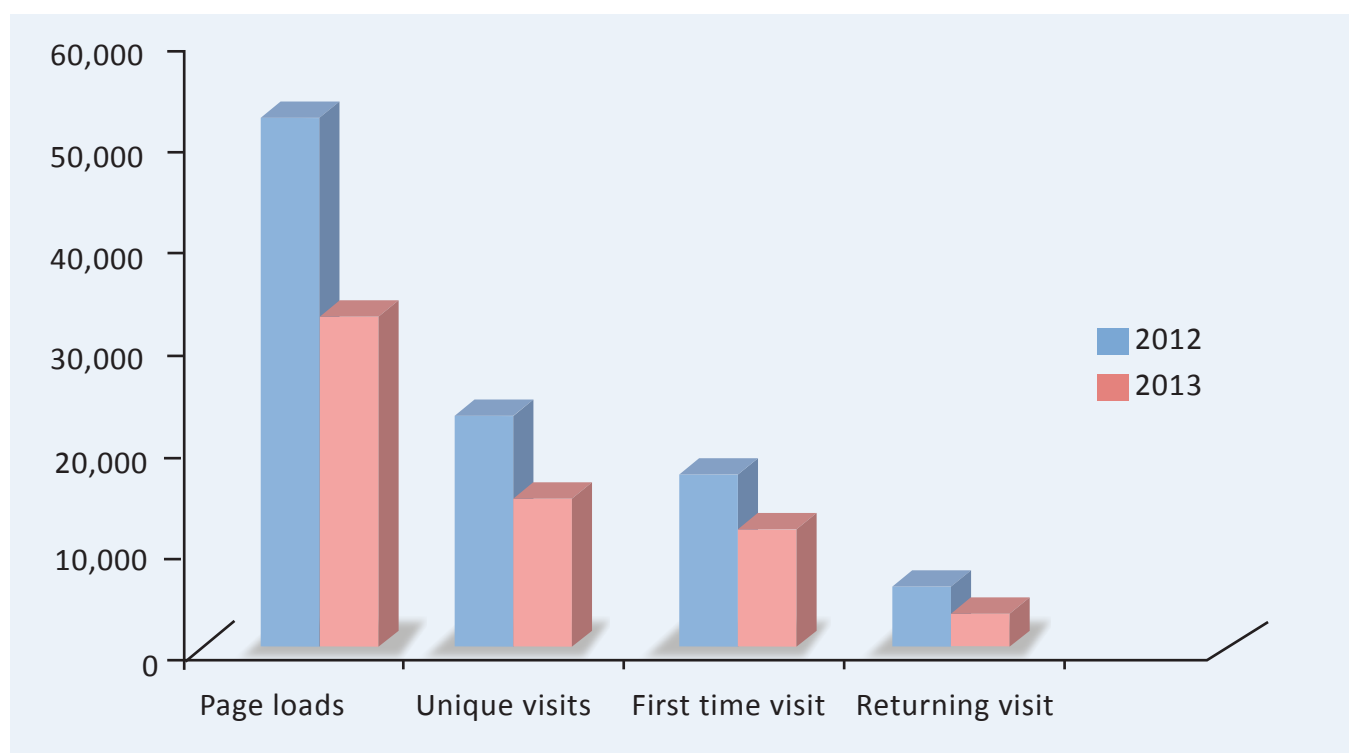
In general, the ATPS website (<http://www.atpsnet.org>) recorded a decrease in activity in the first half of 2013 as compared to the same period in 2012. There were 32,243 page loads in 2013 and in 2012 it was 51,743 page loads representing a decline of 38%. The number of returning visitors to the site declined by 44% to 3,234 from 5,766 in 2012.

A gradual increase in the visits to the ATPS social media pages were also observed with the activity having doubled on all the platforms. The ATPS Facebook page (<https://www.facebook.com/atpsnet>) recorded a total of 222 “likes” from 115 in 2012; the twitter account (<https://twitter.com/atpsnetwork>) has 273 followers from 134 in 2012; and the YouTube account (<https://www.youtube.com/user/atpsnet>) ATPS received a total of 1314 videos views up from 1,020 in 2012.



Year	2012	2013	% Decrease
Page loads	51,743	32,243	38
Unique visits	22,647	14,623	36
First time visits	11,908	11,389	5
Returning visits	5,766	3,234	44

Website Access Statistics





Objective 6: Outreach, Knowledge Brokerage and Policy Advocacy

➡ The ATPS Nigeria chapter launched the Network at Anambra state in Nigeria on 24th May 2013. Prof. Obioma Nwaogru, the Vice-Chair of the AWFST Steering Committee, spearheaded this initiative.

➡ ATPS embarked on support to ATPS National Chapters and efforts to launch new Chapters and implementation continued throughout the year.





Objective 7: Monitoring and Evaluation

➡ Deloitte and Touché carried out the ATPS annual audit in March 2013 in accordance to International standards of Auditing. Their findings confirmed the financial statements for 2012 reflecting a true and fair view of the

state of affairs of the organization as at 31 December 2012. The report also noted that ATPS abided by Kenyan laws during the reporting period. A copy of the audited financial statement is provided in **Appendix 1**.



Towards the Implementation of ATPS Phase VII Strategy (2013-2018)

Science, Technology and Innovations
for African Development



Towards the Implementation of ATPS Phase VII Strategy (2013-2018)

The Phase VII Strategic Plan provides a framework for guiding the activities of the ATPS over the period 2013-2018. In setting the strategic objectives and priorities for the Phase VII Strategy, a participatory approach has been adopted recognizing the importance of the “strategic planning process” for ownership; buy-in and effective program implementation for achieving the desired impacts. The final draft of the Phase VII Strategic Plan is now available for discussion under Agenda item 5.3 of the 23rd ATPS Board Meeting.

Secretariat Request: Fundraising for the implementation of the ATPS Phase VII Strategic Plan activities remains the greatest threat to the sustainability of the ATPS at this time. The Secretariat team has made every effort possible but the results are slow. The proactive engagement of the Board in fundraising activities will be crucial to sustaining ATPS ability to meet its obligations to stakeholders going forward.





Conclusion

Science, Technology and Innovations
for African Development





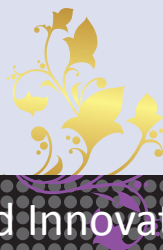
Conclusion

There were no significant deviations in the implementation of thematic research activities approved for the year 2013 during the reporting period. A notable achievement during the period is the listing of the ATPS amongst the top 100 think tanks globally in the **2012 Global Go To Think Tanks Index Report, the completion of the Phase**

VII Strategic Plan, and the securing of three grants including the LandPKS grant from USAID, the new grants from AusAID, and the renewal of the grants from the OSF for the UNN/ATPS activity. A detailed log frame indicating the status of implementation of programs during the period as per the 2013 approved work plan and budget is provided as **Appendix 2.**



Appendices



Science, Technology and Innovations for African Development

1. APPENDIX 1: ATPS Financial Statements
2. APPENDIX 2: Work Plan and Budget for the Period January – December 2014
3. APPENDIX 3: New Grants Received in 2013
4. APPENDIX 4: ATPS Board Members
5. APPENDIX 5: ATPS Responsible STI Advisory Committee
6. APPENDIX 6: ATPS Regional Steering Committee Members
7. APPENDIX 7: ATPS National Chapter Coordinators
8. APPENDIX 8: ATPS Secretariat Staff during the period of 1 January 2013 - 31 December 2013





APPENDIX 1: Financial Statements





Deloitte & Touche
Certified Public Accountants (Kenya)
“Kirungii”
Ring Road, Westlands
P.O. Box 40092 - GPO 00100
Nairobi
Kenya
Tel: +254 (20) 423 0000
+254 (20) 444 41344/05-12
Fax: +254 (20) 444 8966
Dropping Zone No. 92
E-mail: admin@deloitte.co.ke
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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 14 to 28 which comprise the statement of financial position as at 31 December 2013, and the statement of profit or loss and other comprehensive income, statement of changes in funds and statement 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 judgement, 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.

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 institute as at 31 December 2013 and of its financial performance and cash flows 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.

Emphasis of matter

Without qualifying our opinion, we draw your attention to note 3 in the financial statements which indicates that in the period ended 31 December 2013, the company made a loss of USD 278,294 and had accumulated losses amounting to USD 213,175 as at 31 December 2013. In addition, the company had



excess of current liabilities over current assets of USD 243,356. This is further discussed under Note 3.

In the subsequent period, there were awards of new grants under various projects which indicates that the organization repositioned itself to be able to meet its financial obligations over a 12-month period.

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 Bernadette Wahogo – P/No. 1698.

Wahogo – P/No. 1698.

**Certified Public Accountants (Kenya)
Nairobi, Kenya**

Partners: D.M Ndonye E.O Aloo H. Gadhoke* N.R. Hira* B.W. Irungu J.M. Kiarie D.M. Mbogho A.N. Muraya J.Nyang'aya S.O. Onyango
J.W. Wangai *British Member of Deloitte Touche Tohmatsu




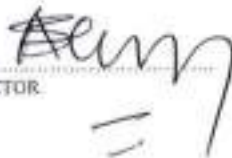
APPENDIX 1: Financial Statements

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

STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME FOR THE YEAR ENDED 31 DECEMBER 2013

	Note	2013 US\$	2012 US\$
INCOME			
Grant Income	4	493,413	1,697,650
Other Income	5	6,394	191,614
Finance Income	6	587	5,535
		<u>500,394</u>	<u>1,894,799</u>
OPERATING EXPENSES			
Project expenditure	7	(562,537)	(1,590,015)
General administration	7	(216,151)	(303,960)
		<u>(778,688)</u>	<u>(1,893,975)</u>
(DEFICIT)/SURPLUS FOR THE YEAR		<u>(278,294)</u>	<u>824</u>

**APPENDIX 1: Financial Statements**

AFRICAN TECHNOLOGY POLICY STUDIES NETWORK (ATPS) (A COMPANY LIMITED BY GUARANTEE)			
STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2013			
	Note	2013 US\$	2012 US\$
ASSETS			
Non-current assets			
Motor vehicles and equipment	9	30,039	46,600
Intangible assets	10	142	2,243
		<u>30,181</u>	<u>48,843</u>
Current assets			
Grants receivable	11	-	95,171
Other receivables	12	17,014	23,322
Bank and cash balances		115,221	488,349
		<u>132,235</u>	<u>606,842</u>
Total assets		<u>162,416</u>	<u>655,684</u>
FUNDS AND LIABILITIES			
Funds			
Accumulated fund		(213,175)	65,119
Current liabilities			
Unexpended grants	11	17,736	119,242
Payables and accruals	13	321,705	211,362
Undisbursed grants payable	14	36,150	239,961
		<u>375,591</u>	<u>590,565</u>
Total funds and liabilities		<u>162,416</u>	<u>655,684</u>
The financial statements on pages 14 to 28 were approved by the Directors on 15 December 2013 and signed on their behalf by:			
 EXECUTIVE DIRECTOR		 DIRECTOR	



APPENDIX 1: Financial Statements

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

STATEMENT OF CHANGES IN FUNDS FOR THE YEAR ENDED 31 DECEMBER 2013

	General Fund US\$
At 1 January 2012	64,295
Surplus for the year	824
	<hr/>
At 31 December 2012	65,119
	<hr/>
At 1 January 2013	65,119
Deficit for the year	(278,294)
	<hr/>
At 31 December 2013	(213,175)
	<hr/>



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

STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED 31 DECEMBER 2013

	2013 US\$	2012 US\$
OPERATING ACTIVITIES		
(Deficit)/surplus for the year	(278,294)	824
Adjustments for:		
Depreciation	18,303	18,518
Amortisation	2,100	3,362
Loss on disposal of equipment	-	950
	<hr/>	<hr/>
Operating (deficit)/surplus before working capital changes	(257,891)	23,654
Decrease in grants receivable	95,171	31,211
Decrease in other receivables	6,308	2,118
Decrease in unexpended grants	(101,506)	(798,307)
Increase in payables and accruals	90,343	44,037
Decrease in undisbursed grants payable	(203,811)	(149,149)
	<hr/>	<hr/>
Net cash used in operating activities	(371,386)	(846,436)
	<hr/>	<hr/>
INVESTING ACTIVITIES		
Purchase of furniture and equipment	9 (1,742)	(5,677)
	<hr/>	<hr/>
Net cash outflow from investing activities	(1,742)	(5,677)
	<hr/>	<hr/>
Decrease in cash and cash equivalents	(373,128)	(852,113)
Cash and cash equivalents at 1 January	488,349	1,340,462
	<hr/>	<hr/>
Cash and cash equivalents at 31 December	115,221	488,349
	<hr/>	<hr/>
Represented by:		
Bank and cash balances	115,221	488,349
	<hr/>	<hr/>



APPENDIX 2: Work Plan and Budget for the Period January – December 2014





APPENDIX 2: Work plan and budget for the period January – December 2014

Strategic Objectives	Outcomes	January 2014-December 2014 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				SDpan-Net	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVERSITY	USDA	CDKN	Others (NWO, African Govs)
	A. STI Policy Research and Research Capacity Building (STI-RCB)								
A1.Contract for research and Service Assistance to Bangkok Regional Centre,Institute for Global Environment (IGES) to establish the Sustainable Development Planning Network (SDplan-Net) in Africa	A.Functioning website for SDplanNet-Africa (www.SDpanNet-Africa.org) B.Project reports/ Workshop reports C.SDplanNet Africa working group	1.Develop and maintain the SDplanNet-Africa website 2.Prepare regional newsletter to be posted in the website. Publish regional practices paper 3.List of members of regional advisory group	Jan 2014-May 2014	136,000					
A2.Building Trans-disciplinary climate change adaptation capacity at the University of Nigeria	A.Develop a fully functioning Interactive Collaborative Environment (ICE) platform B.Train a dedicated team of staff on operating the ICE platform.A hands-on guide for the use of the ICE platform.	1.Collaboration with University of Nigeria to implement a project on Building Trans-disciplinary Climate Change Adaptation Capacity at the University of Nigeria. 2.ATPS will develop,operationalize and train on effective use of the Interactive Collaborative Environment (ICE) platform	Ongoing through out the year		236,013.75				
A3.Using Natural Resources wealth to improve access to water and sanitation in Mozambique (ADRAS 1)	A.Knowledge of implications for infrastructure requirements/pressures on small towns and growth centres with a focus on water and sanitation,A stronger evidence based case for government and private sector expenditures in water and sanitation,a greater use of	1.Undertake a cost-benefit analysis of the current NAWASH programme.Do accost analysis of an expansion programme that maintains its focus along the Nampula-Nacala corridor based on the existing and projected data for population shifts. Produce a final report from the analysis and publish three articles in international peer reviewed journals from the analysis and report	Ongoing through out the year			29,760.25			



APPENDIX 2: Work plan and budget for the period January – December 2014

Strategic Objectives	Outcomes	January 2014-December 2014 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				SDpan-Net	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MUR-DOCH UNIVERSITY	USDA	CDKN	Others (NWO, African Govs)
	investment in water and sanitation as a vehicle to invest in building human capital								
A4.Towards a model of “patient procurement” Leveraging mining infrastructure and procurement needs for robust and enduring agricultural supply chain productivity and development (ADRAS 2)	A. Understanding of successful methods and modes of engagement for mine operations to empower local agricultural supply chains to leave permanent legacy for agricultural systems, strategies for mining companies to become long term partners to support independent and commercial agricultural development that is both robust and enduring.	1.Review of selected successful modes of engagement of mining companies in target countries that have empowered local agricultural supply chains over time. 2.Develop strategies where mining companies may be able to become a long-term partner to support robust agricultural development without ongoing donor agency assistance. 3.Come up with policies of how mining operations can produce appropriate qualities of agricultural produce to support the transition from subsistence to commercial agriculture.	Ongoing through the year			28,115.75			
A5.Driving policy in mine closure and abandonment management ,environmental risk mitigation and rehabilitation of abandoned mine sites as a pro-poor development strategy (ADRAS 3)	A. Determine what regulations policy and security systems exist for managing mine closure and minimizing risks of enduring harm in selected African countries. B. Determine the current environmental and health risks and costs associated with selected abandoned	1.Complete detailed Environmental Impact Assessment and Cost Benefit Analysis quantifying and qualifying selected abandoned mine sites collated to inform policy makers and international community.	Ongoing through the year			28,947.50			



APPENDIX 2: Work plan and budget for the period January – December 2014

Strategic Objectives	Outcomes	January 2014-December 2014 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				SDpan-Net	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVERSITY	USDA	CDKN	Others (NWO, African Govs)
	mines in the mature and emerging extractive focused countries C. Ascertain how reforms and environmental closure standards can attract and retain mining investment, benefitting mining companies, governments and communities and improving the interdependent security of all the three.	2. Analysis and review of the elements of innovative Western Australia Department of Mines and Petroleum (DMP) legislation for appropriate adaptation for selected countries 3. Develop consolidated framework that can be replicated in other countries.							
A6. Development and implementation of Systems for sharing Sustainable Land Management Knowledge and information (LandPKS)	A. Improved targeting of investments on food security, watershed management and natural resource conservation, range management and rehabilitation, value chain development, dry land agriculture increasing probability of success of rangeland management and restoration efforts by focusing efforts on areas most likely to respond to interventions.	1. Conduct field visits to LandPKS project location Samburu County in Kenya and Kavango region in Namibia for ground truthing assessment of LandPKS application 2. Undertake training and Sensitization activities for stakeholders including farmers, rural planners, policy makers, extension workers on the use of LandPKS technology	To June 2016				269,500		



APPENDIX 2: Work plan and budget for the period January – December 2014

Strategic Objectives	Outcomes	January 2014-December 2014 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				SDpan-Net	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MUR-DOCH UNIVERSITY	USDA	CDKN	Others (NWO, African Govs)
	<p>B.Provision of accurate information necessary to make evidence-based decisions about what intervention options are suitable for increased land productivity.</p> <p>C.Assist governments, funders and NGO's identify specific locations within each region where investments in specific projects,such as technical support and drought assistance are likely to have the greatest long-term impact and return on investment,while helping to select the interventions that are likely to have the greatest impact.</p>								
A7.Pro-poor, low carbon development: Improving low-carbon energy access and development benefits in LDCs	<p>A.Peer reviewed journal articles</p> <p>B.Project reports</p> <p>C.Seminars/workshops</p>	<p>1.Constructing initial innovations timeline,actor networks maps and broader context.</p> <p>2.Stakeholder interviews and technology user level analysis</p> <p>3.Analysis,theory building and policy recommendations.</p> <p>4.Preparation of final project reports</p>						140138.41	



APPENDIX 2: Work Plan and Budget for the period January – December 2014

Strategic Objectives	Outcomes	January 2014-December 2014 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				SDpan-Net	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVERSITY	USDA	CDKN	Others (NWO, African Govs)
Learning outcomes and Policy programs strategies for enhancing adoption and diffusion of climate smart clean energy technologies in SSA	<p>1.Improved understanding/learning outcomes on strategies for policy/program/project design for enhanced adoption and diffusion of solar home systems in SSA</p> <p>2.Improved awareness on benefits,co-benefits,challenges and opportunities in solar lightning and clean energy technologies for climate mitigation and sustained development in Africa</p> <p>3.Increased embedding of CDKN programs and interventions in subject area</p>	<p>1.Desk study research</p> <p>2.Conduct individual interviews with selected stakeholders</p> <p>3.Conduct three focused group discussions</p> <p>4.Convene a stakeholders workshop</p>	Feb 2014-April 2014					20,875	
	B. Intra-Africa and Global Collaboration and Partnership (IGCP) Program								
B1.Improving the relevance of University training to labour market demands in Africa	<p>A.Identify the critical factors that make university training relevant to the productive sector and labour markets in Africa.</p> <p>B.Identify the factors mitigating against successful engagement and industry in Africa</p>	<p>1.Conduct an online survey and e-forum dialogue and consultations with respondents across Africa.</p> <p>2.Conduct in-depth literature review and synthesis of the relevance of university training to labour market demands</p> <p>3.Conduct E-forum for validation of report</p>	August 2014 onwards						15,000



APPENDIX 2: Work Plan and Budget for the period January – December 2014

Strategic Objectives	Outcomes	January 2014-December 2014 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				SDpan-Net	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVERSITY	USDA	CDKN	Others (NWO, African Govs)
	C.Find out the opportunities that exist between universities and the productive sectors for partnerships and collaboration D.Ascertain the benefits derived from strengthened linkages between universities and industries in Africa. E.Identify the reforms required for efficient and sustainable linkages between universities and industries in Africa.	4.A full report covering the key learning outcomes.A policy brief and research paper designed to address the need for African Universities to be more closely linked with the private sector							
		C. Youth and Gender Empowerment (YGEP)							
C.1 The African Youth Forum for Science and Technology (AYFST)	A.Enhanced skills/capacities in agriculture,ST&I research and policy advocacy amongst African youths and women. B.Increased youth/women participation in ST&I research projects and other innovative and productive interventions at local,regional and national levels	1.Youth Innovation Challenge (YI CAN) and WE CAN Programs 2.Youth and Women Social Entrepreneurship Programs 3.Youth and Women internship and Mentorship Programs 4.Youth and Women Post Doctoral Fellowships and Staff Exchange Programs 5.Youth Social Innovation Camps Africa Makes,Creates and Innovates Award (MCIA)							



APPENDIX 2: Work plan and budget for the period January – December 2014

Strategic Objectives	Outcomes	January 2014-December 2014 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				SDpan-Net	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVERSITY	USDA	CDKN	Others (NWO, African Govs)
	C.A functioning networking platform,forum (online &offline) in which women/youth can exchange opinions and increased awareness on inter-related policy issues in agriculture,science & technology and the need for a multidisciplinary approaches in STI research and policy making	6.African Youth and Women in STI Congress							
		D. Training and Sensitization (T&S)							
D.Training and Sensitization	<p>A.Enhanced dissemination of ST&I policy research to policymakers and to stakeholders at the grassroots through the fourth estate</p> <p>B.Build capacity of journalists,artists & policymakers to communicate and use ST&I policy research.</p> <p>C.Strengthened partnerships between researchers and policy makers in the ST&I policy process</p> <p>D.Sensitized leaders/policymakers on their leadership roles in promoting ST&I led development.</p>	<p>1.Organise in-country activities to commemorate the scientific revival day of Africa in the ATPS chapter countries</p> <p>2.Conduct follow up review and evaluations of the Trainer of Trainers (TOTs) programmes,round tables etc to promote awareness on intellectual property at grassroots levels in the East Africa and SADC countries.</p> <p>3.Liason with relevant partner institutions including but not exclusive to GGGI,UNEP,GGKP, UNFCCC & UNECA to develop technology cooperation and transfer policies &</p>	Ongoing through out the year						

**APPENDIX 2: Work plan and budget for the period January – December 2014**

Strategic Objectives	Outcomes	January 2014-December 2014 Planned Activities	Expected Time Frame	BUDGET (US\$)					
				SDpan-Net	UNIVERSITY OF NIGERIA, NSUKKA-OSF PROJECT	MURDOCH UNIVERSITY	USDA	CDKN	Others (NWO, African Govs)
	E.Stronger existing ATPS chapter through training and establishment of offices etc.	Identify potential sources of clean technologies for African countries and vice-versa. 4.Publish popular articles,flyers for popularisation of STI at the grassroot levels.Liase with African countries to develop bankable projects for the various global financial mechanisms for green growth and climate change. 5.Advocate for development and deployment of policies and bilateral agreements for technology cooperation to enhance effective technology transfer between African countries and internationally.	Ongoing through out the year						
1.	Total Programmes			100,000	224,775	86,823.50	269,500	161,013.41	15,000
1.	Administration costs			36,000	11,238.75	—	—	—	—
1.	Grand Total			136,000	236,013.75	86,823.50	269,500	161,013.41	15,000



ESTIMATED INCOME	BUDGET (US\$)
SDplanNet	136,000.00
University Of Nigeria/Open Society Foundation	236,013.75
Murdoch University	86,823.50
USDA	269,500.00
CDKN	161,013.41
Other Miscellaneous Incomes from Partners on Collaborative Activities(NWO, African Govs)	15,000.00
Total Estimated Income	904,350.66



APPENDIX 3:

New Grants Received in 2013

S/N	Title of Grant	Donor
1.	Building the case: Leveraging Mozambique's natural resource wealth for sustainable investments in water and sanitation	AusAID
2	Towards a model of "patient procurement": Leveraging mining infrastructure and procurement needs in Mozambique and Liberia for robust and enduring agricultural supply chain productivity & development	AusAID
3	Driving policy innovation in mine closure and abandonment management, environmental risk mitigation and rehabilitation of abandoned mine sites as a pro-development strategy	AusAID
4	Development and implementation of Systems for Sharing Sustainable Land Management Knowledge and Information (LandPKS)	USAID
5	The political economy of climate-compatible development in Kenya.	Institute Development Studies (IDS)
6	Building Trans-disciplinary Climate Change Adaptation Capacity at the University of Nigeria	Open Society Foundation (OSF)
7	Sustainable Energy and climate change capacity-building project in East Africa	United Nations Industrial Development Organization (UNIDO)
8	Mainstreaming Gender in Science, Technology and Innovations in Institutions of Higher Learning and Research in Kenya	UNESCO
9	Pro-Poor Low Carbon Development, Improving Low Carbon Energy Access Development Benefits in Least Developed Countries (LDCs)	CDKN



APPENDIX 4: ATPS Members of The Board





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APPENDIX 8:

ATPS Secretariat Staff during the period of 1 January 2013 - 31 December 2013

ATPS has an independent and dynamically evolving Secretariat with staff to provide executive direction, administrative implementation and physical infrastructure to the network.

The Secretariat is led by a Secretariat Management Committee (SMC) chaired by the Executive Director. The SMC provides strategic intellectual and administrative direction to the Secretariat and regional activities of the ATPS, in liaison with the ATPS National Coordinators Regional Council. The SMC meets regularly to review the activities of the Network for effective continuous monitoring and control and inputs into the network management decisions.

The ATPS Secretariat Staff in 2013 include:

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- 4 Ms. Caroline Thuku- Senior Secretary and Programs Administrative Assistant
5. Dr. Maurice Ochieng Bolo- Post Doctoral Research Officer
6. Mr. Ernest Acheampong- Research Officer
7. Dr. Edith Kirumba- Research Officer Post Doctoral ATPS
8. Ms. Everlyn Otieno- Communications Officer ATPS
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10. Ms. Eunice Kariuki- Program and Administarative Assistant
11. Mr. Nelson Akenga- IT Officer
12. Mr. George Kioko- Finance and Admin Assistant
13. Ms. Sarah Wakasa- Communications Assistant
14. Mr. Richard Muchesia- Driver/ Messenger



The African Technology Policy Studies Network (ATPS) is a multi-disciplinary network of researchers, private sector actors and policymakers promoting the generation, dissemination, use and mastery of Science, Technology and Innovation (STI) for African development, environmental sustainability and global inclusion. ATPS intends to achieve its mandate through research, capacity building and training, science communication dissemination and sensitization, participatory multi-stakeholder dialogue, knowledge brokerage, and policy advocacy.

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