

African Technology Policy Studies Network

# ANNUAL REPORT

Science, Technology and Innovation for African Development

Building Africa's Capabilities in Science, Technology and Innovation Policy Research, Policymaking and Policy Implementation for Sustainable Development As a transdisciplinary 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, the ATPS has continued to pursue its mission through thematic and non-thematic program activities.



Edited by **Dr. Nicholas Ozor**Ag. Executive Director, ATPS

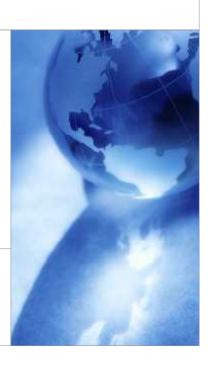
#### www.atpsnet.org

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 (ST&I) 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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# Acronyms

AAS African Academy of Sciences
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
AGM Annual General Meeting

AMCOST African Ministerial Council on Science and Technology

ANSTI African Network of Scientific and Technological Institutions

ARIPO African Regional Intellectual Property Organization

ASEE African Society for Ecological Economics

ATPS African Technology Policy Studies Network

**AUC** Africa Union Commission

AWFST African Women Forum for Science and Technology

**AVU** African Virtual University

AYFST African Youth Forum for Science and Technology

BAC Benin - ATPS Chapter

BEST Biodiversity, Ecosystem Services, Social Sustainability and Tipping Points in African Drylands project

BIPCEA Bio-resources Innovation Policy Consortium for Eastern Africa

BTA Biotechnology Trust Africa

**CAADEP** Comprehensive African Agricultural Development Programme

**CAR** Central African Republic

CAVS College of Agricultural and Veterinary Services

**CCA** Climate Change Adaptation

**CCDA** Climate Change and Development in Africa

**CEEEZ** Centre for Energy, Environment and Engineering Zambia

**CLA** Chapter Lead Author

**COSTECH** Tanzanian Commission for Science and Technology

**CSIRO** Commonwealth Scientific and Industrial Research Organisation

**CSR** Corporate Social Responsibility

**CWT** Core Writing Team

**DAC** Development Assistance Committee

**DFID** Department for International Development

**DGIS** Netherlands Directorate - General of Development Cooperation

**DSTR** Directorate of Science, Technology and Research, Rwanda

**EASAC** European Academies Science Advisory Council

**ECA Economic Commission for Africa** 

ED **Executive Director** 

**ENVIRONET** Network on Environment and Development Co-operation

**ERAfrica** European Research Africa

EU European Union

**FEDA** Food and Environmental Development Association

GGGI Global Green Growth Institute

HIAMS Higher Institute of Applied Medical Sciences

IAM Integrated Assessment Mode

IICE Interactive Collaborative Environment

IED International Institute for Environment and Development

ILO International Labor Organization

ILRI International Livestock Research Institute **IPCC** Intergovernmental Panel on Climate Change

IP Intellectual Property

**IPRs** Intellectual Property Rights

ISAAA International Service for the Acquisition of Agri-Biotech Applications

**JOLISAA** Joint Learning about Innovation Systems in African Agriculture

**LCEDN** Low Carbon Energy for Development Network

**LDCsLeast Developed Countries** 

LinKS Land Information and Knowledge System

**MBA** Master of Business Administration MDG(s) Millennium Development Goal(s)

MKU Mt. Kenya University

MoST Ministry of Science and Technology MoU Memorandum of Understanding **NANO-DEV** Nanotechnologies for Development

NASAC Network of African Science Academies

**NCCARF** National Climate Change Adaptation Research Facility **NCST** National Council for Science and Technology (Kenya)

**NEPAD** New Partnership for African Development

Non-Governmental Organization(s) NGO(s)

**NSTC** National Science and Technology Council (Zambia)

**OECD-DAC** Organisation for Economic Co-operation and Development - Development Assistance Committee **OSF** Open Society Foundation

OSSREA Organization for Social Science Research in Eastern and Southern Africa

PME Participatory Monitoring and Evaluation

**R&D** Research and Development

**RE** Renewable Energy

RECs Regional Economic Communities

SDGs Sustainable Development Goals

SEI Stockholm Environment Institute

SI Sustainability Institute

SIDA Swedish International Development Agency

**SPM** Summary for Policy Makers

SSREN Special Report on Renewable Energy Sources and Climate Change Mitigation

Science, Technology and Innovation

**TAC** Technical Advisory Committee

**TK** Traditional Knowledge

TNAs Technology Needs Assessment

**ToTs** Training of Trainers

**UCL** University College of London

UN United Kingdom
United Nations

UNCST Uganda National Council for Science and Technology
UNCTAD United Nations Conference on Trade and Development

UNECA United Nations Economic Commission for Africa

**UNESCO** United Nations Education, Scientific and Cultural Organization

**UNIDO** United Nations Industrial Development Organization

**UNN** University of Nigeria

**USA** United States of America

**USAID** United States Agency for International Development

USDA United States Department of Agriculture

WE CAN Women Innovation Challenge
Y I CAN Youth Innovation Challenge
ZSL Zoological Society of London





n behalf of the Board of Directors of the African Technology Policy Studies Network (ATPS), I am pleased to introduce the ATPS's Annual Report for the year 2012. The report presents a summary of the ATPS's efforts in science, technology and innovation (STI) capacity building as well as the financial position of the organization for the period 01 January 2012 to 31 December 2012. The report has been organized according to the strategic priority focus areas and objectives contained in the ATPS Phase VI Strategic Plan and the Annual Work Plan for the year.

The ATPS remains the premier science, technology and innovation institution on the continent since 1994 that continues to build Africa's capabilities in STI policy research, policymaking and policy implementation for sustainable development. As a transdisciplinary 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, the ATPS continued to pursue its mission through thematic and non-thematic program activities during the entire period 01 January 2012 to 31 December 2012. This was achieved through research

and research capacity building, training and research workshops, conferences, publications, knowledge dissemination through policy-linkage seminars and roundtables, and continued policy advocacy. Other strategies include; more collaborations and partnerships with like-minded institutions in Africa and across the world; youth and gender empowerments through innovation incubation and entrepreneurship programs and challenge awards; numerous knowledge brokerage activities, outreach and advocacy programs; improved communication; and stakeholder dialogue including media outreach.

Our presence in 30 countries (27 in Africa, and one each in USA, UK, and Australia) provides us with a unique strength of being the only African organization dealing with STI policy issues with well-established and visible networking structures at local, national, regional and international levels. Using these structures, the ATPS has delivered high quality and relevant policy research, policymaking and policy implementation at relatively low cost by international standards. This is a unique feature of the network. There have been tremendous improvements in the achievements recorded during the period under review across all the strategic priority areas. This is attributed to the commitments from all the



stakeholders of the ATPS including the network members, national coordinators, regional steering committee members, responsible STI policy advisory committee members, the regional secretariat, and the ATPS Board of Directors. During this period, ATPS has been able to inform and facilitate STI policy changes at the pan-African level and in many member countries. e.g. Nigeria, Lesotho, Ghana, Uganda, Tanzania, Ethiopia, Kenya, Swaziland, and Zimbabwe among others.

The ATPS has been able to contribute to the development of global reports and strategies such as the UNEP-IRP Water Decoupling Report, the IPCC SRREN, the AUC Climate Change Strategy, the AfDB Green Growth Strategy, and the OECD Green Growth Best Practices Report among others. I am delighted to note that the ATPS successfully completed many of its ongoing projects during the year and commenced new programs with diverse partners globally. There was a tremendous increase in the global reach and influence of the ATPS as it strives to represent the African voice on STI policy dialogues in Africa and globally. The number and quality of institutional collaborations and partnership agreements entered into during the year was significant and very productive. The ATPS prioritizes

partnerships as a useful tool for pulling resources, knowledge and expertise together to address challenges of mutual interest for Africa's development.

Nevertheless, ATPS still faces funding challenges to be able to meet up with the increasing demand for its services by numerous stakeholders across the continent and beyond. The end of the ATPS Phase VI Strategic Plan in December 2012 means that the ATPS will need strong funding portfolio to be able to meet up with its mandates in the next Strategic Phase. We therefore sincerely call on our consortium of donors and partners to support the ATPS through core funding and thematic funding streams. We will continue to appreciate you for these supports and service to humanity and the environment. I wish to specially thank our consortium of donors who have continued to support our various activities in our efforts to build Africa's capabilities in STI policy research, policymaking and policy implementation. Notable during the reporting year were: our host country, the Republic of Kenya, the Netherlands Ministry for Foreign Affairs (Netherlands Directorate-General of Development Cooperation, DGIS), Open Society Foundation (OSF), Climate and Development Knowledge Network (CDKN), Natural Environment Research Council (NERC),



Swedish International Development Cooperation Agency (SIDA), United Nations Industrial Development Organization (UNIDO), and the Federal Republic of Nigeria. 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 notably, the University of Sussex, University of Nigeria, Murdoch University, University of Reading, Stellenbosch University, African Academy of Sciences (AAS), International Livestock Research Institute (ILRI), Nigerian Institute of Social and Economic Research (NISER), Raw Materials Research and Development Council (RMRDC), Science Africa, and Woodrow Wilson Centre for International Scholars (WWCIS), among several others. We continue to rely on your supports towards the realization of our mission, vision and objectives as an international policy think-thank.

This is most important as our Phase VI Strategic Plan 2008-2012 has now come to an end. Already the external evaluation report of the ATPS which was published in December 2011 has confirmed that significant achievements have been attained during the

strategic phase period which ended in 2012 (External Evaluation Report of Phase VI Strategic Plan is available online at: (http://www.atpsnet.org/media\_centre/focus/evaluation-report/index.php)

On behalf of the ATPS Board and the entire membership I request for supports for the ATPS Phase VII Strategic Plan which will take effect from 2013-2018. This is more so when the need for building/strengthening Africa's capabilities in STI policy research, policymaking and policy implementation cannot be at a better time than now. ATPS is well positioned to continue to offer this service in partnership with like-minded organizations and governments. What we need is your cooperation and supports.

Thank you.

#### Professor Shaukat Ali Abdulrazak

PhD, FKIM, FAAS, FASI, FTWAS, MBS Chair, ATPS Board/ Vice-Chancellor, Umma University, Kenya





am delighted to present the ATPS's Annual Report for the year 2012. The report contains a summary update of the ATPS's efforts in science, technology and innovation (STI) capacity building in policy research, policymaking and policy implementation as well as the financial position of the organization for the period 01 January 2012 to 31 December 2012. The report is organized under the strategic priority focus areas and objectives outlined in the ATPS Phase VI Strategic Plan and the Annual Work Plan for the year 2012 as approved by the ATPS Board of Directors and our development partners.

These include:

- Research, Research Capacity Building and Knowledge Generation
- 2. International Cooperation and Partnerships
- 3. Youth and Gender Empowerment
- 4. Training and Sensitization
- 5. Science, Communication and Stakeholder Dialogue
- 6. Outreach, Knowledge Brokerage, and Policy Advocacy
- 7. Technical Support, Network Management and Coordination

If African countries are to develop sustainably, science, technology and innovation (STI) must be applied at all levels of the economy including agriculture, energy, health, infrastructure, information and communication technology, environment, industry, commerce, and education among many others. All stakeholders including policymakers, researchers, private sector actors, and the civil society actors must also work together in a system; as innovation does not happen in the mainstream but in the interaction of actors working together.

The ATPS has taken careful analyses of these situations and has for over two decades consistently pursued this noble course of building Africa's capabilities in STI policy research, policymaking and policy implementation for sustainable development on the continent and applying the innovation systems perspectives in the pursuance of its mission. The reporting period 01 January 2012 to 31 December 2012 witnessed tremendous achievements across all the strategic priority focus areas identified above. All ATPS thematic research and research capacity building programs focus on facilitating innovation capacity development at individual,



institutional, national, and regional levels. Each research program is designed to include the 'make' or 'design' perspective, i.e. translation of the research outputs into institutional and or social engineering designs and technologies that are necessary for addressing specific development and or policy conditions.

Due to the nature of ATPS stakeholders spread across Africa. USA, UK, and Australia and across the categories of policymakers, researchers, private sector actors, and the civil society, the demand for services and impacts is always very high. This requires good funding portfolio to be able to match demands and needs adequately.

During the reporting period, funding has not been adequate to match this increasing demand for services and impacts by our stakeholders. This can be attributed to the global financial crisis and shifts in donor priorities. Nevertheless, the ATPS remains committed to serve its wide range of stakeholders even better and ensure that we align our programs with the donor priorities without losing focus on our core mandates and the priorities of our stakeholders at the local, national, regional and global levels. We continue to solicit for supports from our consortium of donors and partners and remain open to collaborations and partnerships with like-minded organizations and institutions around the world.

We want to use this opportunity to heartily thank all those who have supported us during the reporting period through development grants, linkages, partnerships and other collaborative activities. Notable among these are: our host country, the Republic of Kenya, the Netherlands Ministry for Foreign Affairs (Netherlands Directorate-General of Development Cooperation, DGIS), Open Society Foundation (OSF), Climate and Development Knowledge Network (CDKN), Natural Environment Research Council (NERC), Swedish International Development Cooperation Agency (SIDA), United Nations Industrial Development Organization (UNIDO), and the Federal Republic of Nigeria. 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 notably, the University of Sussex, University of Nigeria, Murdoch University, University of Reading, Stellenbosch University, African Academy of Sciences (AAS), International Livestock Research Institute (ILRI), Nigerian Institute of Social and Economic Research (NISER), Raw Materials Research and Development Council (RMRDC), Science Africa, and Woodrow Wilson Centre for International Scholars (WWCIS), among several others.

We count on your continued supports and partnerships in the coming years as we seek to expand our programs to address the multiple needs of the continent in 2013 and beyond. We also want to express our deepest appreciation to the ATPS Board, the ATPS Regional Council, the International STI Advisory Committee, National Chapter Coordinators, Secretariat staff, and the entire network members and stakeholders for the firm supports and guidance we received during the year 2012. We look forward to receiving your continued supports during the

coming years. We firmly believe that with your support and cooperation, ATPS will build upon the gains made in the previous years and continue to accomplish its strategic mandate and overall goal which is to build and strengthen Africa's capabilities in STI policy research, policymaking, and policy implementation for sustainable development on the continent.

Together We Can.

Sincerely yours.

## Dr. Nicholas Ozor

Ag. Executive Director, ATPS



# **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 innovations 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 established in 30 countries (27 in Africa and 3 Diaspora 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 for Africa's development.

ATPS achieves its mandate through research, capacity building and training, science communication/dissemination and sensitization, participatory multi-stakeholder dialogue, knowledge brokerage, and policy advocacy. In collaboration with like-minded institutions, ATPS provides 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 it is 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;

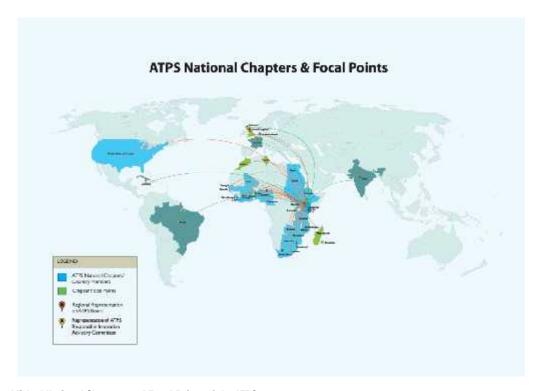


Figure 1: Established National Chapters and Focal Points of the ATPS

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 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, African 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.



Figure 2: Quadruple Helix: The DNA of Innovation

Unlike many policy research institutions, the ATPS membership is composed of all the key actors in an innovation system: the policymakers, science experts, private sector actors and the civil society. This unique composition provides great opportunities for collaboration and cooperation amongst 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 ensure 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 2500 stakeholders in over 51 countries in 5 continents with institutional partnerships worldwide (Figure 1). The 2012 Global Think Tank survey ranks ATPS among the top 100 Think Tanks globally; the 76th out of 6,603 Think Tanks surveyed from 182

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

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## 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

## Mission

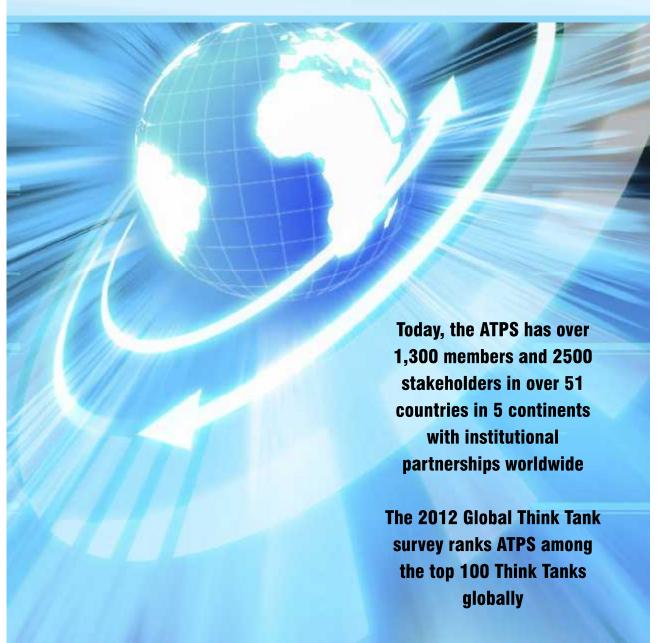
To improve the quality of science, technology and innovation (STI) systems research and policy making in Africa by strengthening capacity for science and technology knowledge generation; communication and dissemination; use and mastery for sustainable development in Africa

## ATPS Overall Objective

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

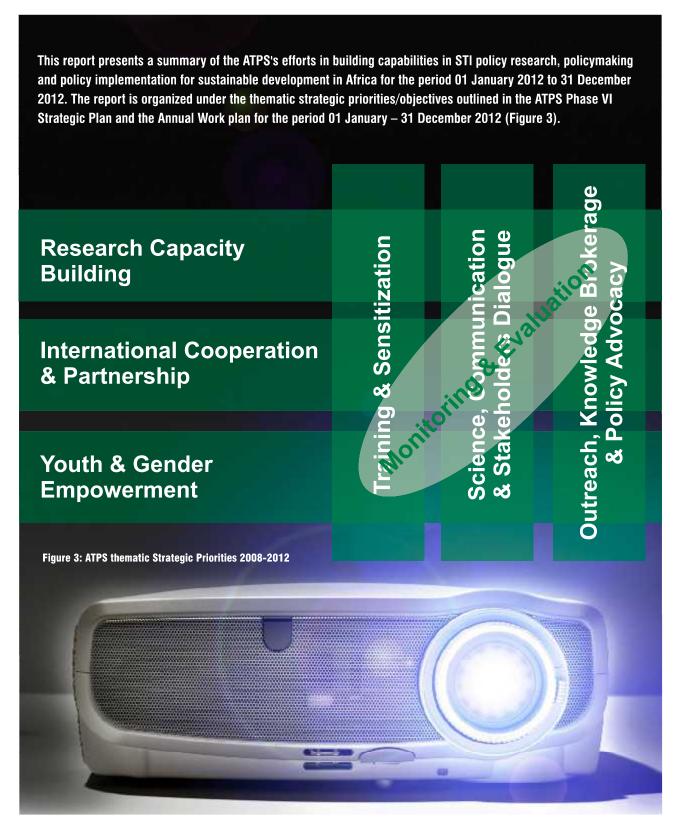
## ATPS Motto

Building Africa's science, technology and innovation (STI) capacity today for sustainable African development tomorrow





# Highlights of ATPS' Accomplishments for the Year 2012



## Objective 1:

## Research, Research Capacity Building & Knowledge Generation

- > ATPS successfully completed **3** regional studies on **Agricultural Innovations and Emerging Technology for Climate Change Adaptation and Food Security in Africa, targeting countries in Western Africa (Anglophone) & Central Africa (Francophone) regions. 2** Working Papers, **3** Research Papers and **2** Technopolicy Briefs were produced from this study and can be accessed at http://atosnet.org/publications/index.php
- > ATPS continued its implementation of the web-hosted **Integrated Collaborative Environment (ICE) for climate change adaptation and resilience capacity building in Africa.** This interactive forum is accessible at <a href="http://atps-ice4cllimatechange.net.myice/">http://atps-ice4cllimatechange.net.myice/</a>.
- > ATPS successfully completed a regional study on **Strengthening National 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, **5** Research Papers, **3** Special Papers and **5** Technopolicy Brief. A Training Course Manual and a Curriculum for a course on IPRs, ABS and TK were also produces and can be accessed at http://atpsnet.org/publications/index.php
- > ATPS collaborated with the University of Nigeria to implement a project on **Building Trans-Disciplinary Climate Change Adaptation Capacity at the University of Nigeria.** The Open Society Foundation supports this project and its main objective is to build and up-scale the capacity for research, teaching, learning and outreach services in climate change adaptation. More details on the project can be accessed at http://atpsnet.org/projects/climate-change-adaptation/index.php
- > ATPS embarked on a project on Bio-resources Innovation Policy Consortium for Eastern Africa (BIPCEA) in collaboration with national councils for STI in Burundi, Ethiopia, Kenya, Rwanda, Tanzania and Uganda and the International Livestock Research Institute (ILRI). A major output from this project was the development and implementation of a Entrepreneurship Training Manual for Bio Scientists in Eastern Africa. More details on the project can be accessed at http://atpsnet.org/projects/bioinnovate/index.php
- > ATPS continued its collaboration with the Maastricht University and the University of Hyderabad, India on a program on Nanotechnologies for Development in India, Kenya and Netherlands: Towards a Framework for Democratic Governance of Risks in Developing Countries. The role of ATPS in this project involves the establishment and hosting of the Nano-Dev website which can be accessed at http://atpsnet.org/projects/nanotechnology/index.php
- > ATPS collaborated with the University College of London (UCL), Zoological Society of London (ZSL), and ILRI on a **Biodiversity**, **Ecosystem Services**, **Social Sustainability and Tipping Points in African Drylands project (BEST)**. More details on the project can be accessed at http://atpsnet.org/projects/best/index.php
- > Supported by the Rockefeller Foundation, ATPS initiated a project on **Understanding and Fostering Social Innovation in Africa**, a project, which aims to advance the understanding of social innovation among policymakers, science experts, the private sector and the civil society in Africa. More details on the project can be accessed at http://atpsnet.org/projects/social-innovation/index.php
- > Together with the University of Sussex, UK, ATPS commenced the implementation of a project on **Pro-Poor Low Carbon Development, Improving Low Carbon Energy Access Development Benefits in LDCs.** The project seeks to improve the ability of policy to facilitate the transfer and uptake of low carbon technologies in developing countries to do so in ways that can assist in their economic development in ways that also benefit the poor people by improving access to modern energy services.

  More details on the project can be accessed at http://atpsnet.org/projects/low-carbon-development/index.php
- > In its capacity as a knowledge broker in STI policy issues, the ATPS participated in various international forums including a collaboration with UNIDO on Sustainable Energy and Carbon Finance; 8th African Development Forum (ADF-VII); 2nd Annual Conference on Climate Change Adaptation (CCDA-II); Rockefeller Foundation Grantees Convening; and Southern Voices in the Northern Policy Debate among many others.
- > ATPS also supported **7** national chapters with grants to support national coordinating centres under the IP program. Other Chapters recorded notable activities during the period and more details on the specific Chapters can be accessed at http://www.atpsnet.org/national\_chapters/index.php

# Objective 2: International Cooperation and Partnership

- > ATPS conducted a **Training of Trainers (ToTs)** workshop to promote awareness on intellectual property at grassroots levels in the Eastern Africa and the SADC countries. A team of seasoned experts was engaged to develop a training manual and course curriculum and also implement the training. A post-evaluation analysis of the training indicated a positive reception, which prompted ATPS to support the trainees further to implement training at country level to fulfill the overall objective.
- The 2012 ATPS Annual conference and workshops was held from **19 22 November 2012** at the African Union Commission (AUC) Conference Center in Addis Ababa, Ethiopia. The theme of the conference was **Emerging Paradigms, Technologies and Innovations for Sustainable Development: Global Imperatives and African Realities.** The conference attracted 170 participants from 26 different countries. The overall objective of the conference was to critically examine the current conditions, barriers and opportunities in the above thematic areas and provide policy options for transitions to more inclusive sustainable development in Africa. It was designed as a post Rio + 20 horizon scanning and futures mapping for Africa in the area of Science, Technology and Innovations for Sustainable development. The conference was organized in collaboration with the African Union Commission (AUC); the European Academies Science Advisory Council (EASAC); the Network of African Science Academies (NASAC); the Rockefeller Foundation; and the University of Sussex. It attracted the participation of a diverse mix of eminent personalities and stakeholders to deliberate on the conference themes. The five conference sub-themes were:-
- i) Transitions to Low Carbon Development Pathways: Implications for Sustainable Development in Africa
- ii) Governance of Science, Technologies and Innovation including Genetics for Farming, Biotechnologies, Nanotechnologies and Indigenous Knowledge Systems
- iii) Institutional Structures and Social Innovations for Sustainable Development in Africa
- iv) Youth and Gender Empowerment for Sustainable Development in Africa
- v) Mainstreaming Trans-disciplinarity in STI in Higher Education

The above subthemes were discussed further at respective parallel sessions on the second day of the conference. The conference concluded on the third day with a plenary session bringing together the research and policy priorities that emerged from the thematic sessions. A Communiqué with various recommendations needed to foster self-ownership and democratic governance of STI in Africa was a key outcome from the conference. The African Union Commission (AUC) assured the ATPS of its continued support as a continental think tank and resource to be harnessed for further development and implementation of STI policies.

More details on the conference can be accessed at http://atpsnet.org/conferences/index.php

Group Photo of the delegates who attended the 2012 ATPS Annual Conference at the AUC Headquarters in Addis Ababa, Ethiopia





Cross section of the delegates following proceedings at the 2012 ATPS Annual Conference







ATPS National coordinators pose for a group photo after their meeting on the sidelines of the 2012 ATPS Annual Conference

# Objective 3: Youth and Gender Empowerment

- > Under the African Youth Forum for Science and Technology (AYFST), the ATPS launched the **Climate Change Innovation Challenge Awards** aimed at building capacity for innovation amongst youths. A total of **15** proposals from **10** countries including Benin, Ethiopia, Ghana, Kenya, Lesotho, Malawi, Nigeria, South Africa, Tanzania and Zimbabwe were funded. By the end of the reporting period, outputs from the studies including working papers, research papers and policy briefs were at various stages of preparations. More details on the specific studies can be accessed at http://www.atpsnet.org/programmes/YGP/index.php
- > The ATPS mirror program on African Women Forum for Science and Technology (AWFST) also saw **9** proposals from **5** countries namely Kenya, Nigeria, Tanzania Uganda and UK funded under the Climate Change Innovation Challenge Awards. A summary of the research studies commissioned under this category can be accessed at http://www.atpsnet.org/programmes/YGP/index.php
- In collaboration with the University of Nairobi, ATPS hosted an International Conference for Youth in Africa from 9-10 March 2012 under the theme Factoring Youth Voices into Critical Issues: Agenda on Environmental Sustainability, Climate Change Mitigation and Adaptation, Food Security and Nutrition in Africa. The aim of the conference was to sensitize the youths on their role in providing solutions to critical development issues facing Africa.
- > The 3rd AYFST meeting was held jointly with the AWFST steering committee meeting on 8th March 2012 in Nairobi. The meeting took stock of the impact of both programs in the continent based on the ATPS mid-term evaluation report and strategic response to the recommendations of the evaluation report. Elections of office bearers were also held.
- > Three **(3)** interns were hosted at the ATPS during the reporting period. This is part of ATPS' on-going support to the ATPS Youth Internships and Post-Doctoral Summer Placement Program.

## Objective 4: Training and Sensitization

The ATPS hosted an **Experts' Consultation Workshop** from **29 – 30 May 2012** in **Naivasha, Kenya**, which brought together key potential partners and collaborators with valuable expertise in STI capacity strengthening for inclusive growth and sustainable development in Africa. Participants brainstormed and identified key STI policy research priorities for Africa's global inclusion in the new industrial revolution. A diverse mix of 32 policy makers, international experts and key stakeholders from Africa, the Americas, Asia, Europe and the Pacific region attended the workshop and helped ATPS to identify knowledge capacity and policy gaps and chat a new research agenda which supports African countries in building necessary capacities in STI for the new industrial revolution in a changing world.

In continued commitment towards ensuring that ATPS members of staff benefit from its capacity building mandate, ATPS has continued to support various staff members who have benefitted from training grants. The training assessment needs for all staff members are discussed and reviewed during the ATPS Performance Review and Appraisal process each year. Line Managers and respective staff members identified the training needs for staff in 2012 accordingly during their Forward Job Planning meetings.

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.

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# Objective 5: Science, Communication and Stakeholder Dialogue

## **ATPS Multi-Media Publications & Websites**

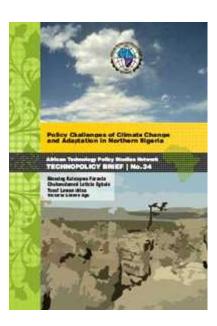
During the reporting period, the publications produced and/or initiated by ATPS include:

- > Annual Reports 1
- > Workshop and Conference Proceedings 2
- > Technopolicy Briefs 4
- > Working Papers 4
- > Research Papers **5**
- > Special Papers 3
- > Translations 1
- > Book Chapters and Book Volumes 3
- > Multimedia Material 8
- > Other publications, flyers 1
- > Press Releases **34**

Details available online at: (http://www.atpsnet.org/publications/index.php and http://www.atpsnet.org/media centre/index.php)













## **Website Hosting**

In general, the ATPS website (http://www.atpsnet.org) recorded increased activity throughout 2012 as compared to 2011. There were over 51,000 page loads in 2012 compared to 43,214 in 2011. The number of returning visitors to the site grew by 17% to 5,766 in 2012 from 4.912 in 2011. The most significant improvement was on the number of first time visitors to the site, which grew by 45% to 16,908 in 2012 from 11,664 in 2011.

A gradual increase in visits to the ATPS social network 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 155 "likes" from 75 in 2011; the Twitter account (http://twitter.com/ATPSNETWORK) with 134 followers from 60 in 2011; and the YouTube account (http://www.youtube.com/user/atpsnetwork) has received a total of 1.314 video views up from 355 in 2011.

By December 2012, online membership registration rose to 1,220 with Nigeria recording the highest number of registered members at 281, followed by Kenya at 276 and Ghana at 61. The diaspora chapters recorded a cumulative total of 82 members while Rwanda led in membership amongst the new chapters with 28 registrations recorded.

## Website Access Statistics: January-December 2012

In general, the website recorded increase in activity throughout 2012 as compared to 2011. There were over 51,000 page loads in 2012 compared to 43.214 in 2011. The number of returning visitors to the site grew by 17% to 5.766 2012 from 4.912 in 2011. The most significant improvement was on the number of first time visitors to the site, which grew by 45% to 16,908 in 2012 from 11,664 in 2011.

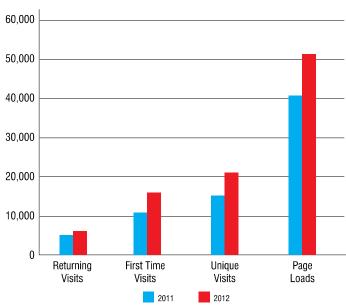
#### Comparison of website statistics between 2011 and 2012

Year	2011	2012	% Increase
Page Loads	43,214	51,743	20%
Unique Visits	16,576	22,674	37%
First Time Visits	11,664	16,908	45%
Returning Visits	4,912	5,766	17%

## Top 10 Downloaded files

- 1. Annual Conference 2012 Concept Note
- Proceedings of the 2010 ATPS Annual Conference
- Research paper number 15 on Farmers' Perceptions of Climate Change and Adaptation Strategies in Northern Nigeria: An **Empirical Assessment**
- 4. Working Paper number 62 on Climate Change and Adaptation Measures in Northern Nigeria: Empirical Situation and Policy **Implications**
- 5. Working Paper number 56 on Emerging and Indigenous Technology for Climate Change Adaptation in Southwest Nigeria
- 6. Research Paper number 6 on Indigenous Agricultural Adaptation to Climate Change: Study of Southeast Nigeria
- 7. Concept note for the youth conference on environmental sustainability, climate change mitigation & adaptation, food security & nutrition in Africa
- 8. Working Paper number 61 on Agricultural Innovations for Climate Change Adaptation and Food Security in West Africa: The Case of Nigeria, Sierra Leone and Liberia
- 9. Working Paper number 53 on indigenous agricultural adaptation to climate change

#### Site visits: 2011-2012



- 10. Indigenous Agricultural Adaptation to Climate Change: Study of Imo and Enugu States in Southeast Nigeria
- 11. ATPS Phase VI strategic plan

#### Activity on the social media sites

Visits to the social network pages have however continued to increase gradually with the activity having doubled on all the platforms.

ATPS Facebook page having a total of 155 "likes" from 75 in 2011, the Twitter account with 134 followers from 60 and the YouTube account has received a total of 1,314 video views from 355.

## Objective 6: Outreach, Knowledge Brokerage and Policy Advocacy

### **Strengthening and Expansion of National Chapters**

Three (3) Chapters were successfully launched this year namely ATPS-Australia, ATPS Sudan and the ATPS-USA chapters. The ATPS Liberia and ATPS-Zambia chapters were also successfully re-launched during the reporting period.

## **Knowledge Brokerage Programmes**

A national workshop on Traditional Knowledge Systems and Increasing Access to Benefit Sharing of Intellectual Property (IP) in Africa focusing on Eastern Africa and the SADC countries was implemented in Uganda during the reporting period.

**ScienceAfrica**, a pan-African Science newspaper produced a special issue on ATPS activities and many TV and Radio stations have also featured ATPS programs during the period.

The initiative of **Science Cafes** and school programs on selected STI policy issues is also well in progress.

# Objective 7: Technical Support (Network Management/ Coordination)

#### **Monitoring and Evaluation**

Deloitte & Touche conducted the ATPS Annual Audit for the year ended 2012 in accordance with International Standards of Auditing. Their findings confirmed that the ATPS financial statements were a true representation of the state of affairs of the organization. The same firm conducted a special audit for ATPS Phase VI Strategic Plan (2009-2012) whose report confirmed that ATPS had complied in all aspects stipulated by the Donor. A copy of the audited financial statement is provided in Appendix 1.

ATPS also successfully hosted its two statutory Board Meetings during the year where strategic guidance and key decisions on the direction of ATPS are taken. An Annual General Meeting was also held on 21st November 2012 in compliance with the ATPS Articles of Association. The AGM provided members with an opportunity to

ATPS has for over two decades consistently pursued this noble course of building Africa's capabilities in STI policy research, policymaking and policy implementation for sustainable development on the continent and applying the innovation systems perspectives in the pursuance of its mission.



# Towards the ATPS Phase VII Strategy (2013-2018)

With the completion of the Phase VI Strategic Plan (2008–2012), ATPS has embarked on the development of the Phase VII Strategic Plan, which will provide a framework for the period 2013-2018. It will aim at improving the understanding and functioning of STI policy research and policymaking processes and systems to strengthen capabilities, social responses, and governance of STI-led sustainable development in Africa. 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 strategic priorities and program objectives are therefore based on constructive, reflective and insightful participatory dialogue with ATPS national chapters, research associates and other international development partners, an activity that culminated in the annual general meeting held in November 2012. The plan builds on the achievements and strengths of the network and critical analyses of the experiences and gaps identified in the Phase VI Strategy, 2008 – 2012. The plan seeks to address Africa's unique development challenges especially within the context of achieving specific social, economic and environmental development targets. The 2013-2018 strategic plan will pay specific attention to a set of specific strategic priorities identified in liaison with members and stakeholders namely:

## 1. STI Policy Research and Research Capacity Building (STI-RCB)

This program will be designed to build capabilities, structures, and conditions for the co-production of scientific knowledge, technologies, innovations, and policies for sustainable

development in Africa and to address STI policy research questions derived from African realities to inform the contextualization and socialization of STI in the African societies for effective deployment and diffusion (up scaling) in Africa.

## 2. Intra-Africa and Global Collaboration and Partnership (IGCP)

IGCP program will be designed to develop new forms of intra-Africa and global partnerships within and amongst stakeholders for achieving Sustainable Development Goals (SDGs) in Africa.

## 3. Youth and Gender Empowerment (YGEP)

The program will nurture and harness the innovative potential of African youth and women with implementation activities such as Y I CAN, WE CAN, etc.

## 4. Training and Sensitization (T&S)

T&S will be designed to enhance individual and organizational STI skills for African development. Training themes will include STI policy formulation and policy implementation, social entrepreneurship, small and medium business start-up, strengthening linkages amongst research, policy, and practice among many others.

## 5. STI Knowledge Brokerage, Commercialization and Policy Advocacy (KB-CPA)

The program will be designed for brokering the commercialization and sharing of scientific knowledge, technologies and innovations for Sustainable development. The ATPS hopes under this strategic focus area to continue to play its longstanding role as the independent STI knowledge broker, communicator, and policy advocate, to ensure effective identification, sharing, deployment and diffusion of appropriate technologies, innovations and policies in Africa.

## Conclusion

There were no significant deviations in the implementation of thematic research activities approved for the year 2012 during the reporting period. A few rounding-off activities were however carried over to 2013 including some country case studies commissioned under the program. The complexity involved in coordinating fieldwork in multiple African countries presented some logistical challenges, which affected the duration initially projected within which to complete the activities. We are however confident that the outstanding activities will be completed by the end of the second quarter in 2013. Funding remains a challenge for effective implementation of thematic activities to fully realize the mission of the ATPS. All funding supports are appreciated and will be put into optimal use in line with the funding objectives. We therefore call for more partnerships with like-minded institutions and organizations to support the ATPS's efforts in building Africa's capabilities in STI policy research, policymaking and policy implementation for sustainable development on the continent. A work plan showing the programmes and activities planned for the year 2013 is included in Appendix 2.



## **Appendix 1: ATPS Financial Statements**

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Defoitte & Toucha Certified Fublic Accountants (Kenyc) Delpitte Place Wayso Way, Mathanger P.O. Box 40092 - GPO 00100 Nairobi Kerya

Tel: (254 (20) 423 0000 +254 (20) 444 1344/05 12 Fax: +254 (20) 444 8966 Dropping Zone Na.92 Email admin@deroitle.co.ke www.delotte.com

#### 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 25 to 39 which comprise the statement of financial position as at 31 December 2012, and the statement of comprehensive income, statement of changes in funds and statement of each 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 and the requirements of the Kenyan Companies Act, and for such 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

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 accompanying financial statements give a true and fair view of the state of financial affairs of the company as at 31 December 2012 and of its surplus 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.

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

### 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 bettef 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
- the company's statement of financia, position and statement of comprehensive income are in agreement with the books of account.

Delloite & rocke

1 May 2013

Nairobi

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

## STATEMENT OF COMPREHENSIVE INCOME FOR THE YEAR ENDED 31 DECEMBER 2012

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	Note	2012 US\$	2011 US\$
INCOME	3	1,889,264	1,854,300
EXPENDITURE			
Project expenditure	4	(1,590,015)	(1,668,993)
General admiristration	4	(303,960)	(166,751)
		(1,893,975)	(1,835,744)
Finance income	3	5,535	5,682
		(1,888,440)	(1,830,062)
SURPLUS FOR THE YEAR		824	24,238

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

## STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2012

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	Note	2012 US\$	2011 USS
ASSETS	140.0	039	0.59
Non current assets			
Motor vehicles and equipment	7	46,600	60,391
Intangible assets	8	2,242	5,604
		48,842	65,995
		-	
Current assets	15450	06040400	******
Grants receivable	9	95,171	126,382
Other receivables	10	23,322	25,440
Bank and cash balances		488,149	1,340,462
		7 - 19 - 7 Mar	with and
		606,842	1,492,284
Total assets		655,684	1,558,279
FUNDS AND LIABILITIES			
Funds			
Accumulated fund		65,119	64,295
Current liabilities			
Unexpended grants	9	119,242	917,549
Payables and accruals	11	231,362	187,325
Undisbursed grants payable	12	239,961	389,110
		590,565	1,493,984
Total funds and liabilities		655,684	1,558,279

The financial statements on pages 25 to 39 were approved by the Directors on on their behalf by:

EXECUTIVE DIRECTOR

DIRECTOR

2013 and signed

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

## STATEMENT OF CHANGES IN FUNDS FOR THE YEAR ENDED 31 DECEMBER 2012

General
Fund
US\$
40,057
24,238
64,295
64,295
824
65,119

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

## STATEMENT OF CASH FLOWS

FOR THE YEAR ENDED 31 DECEMBER 2012		
	2012	2011
	US\$	USS
OPERATING ACTIVITIES		
Surplus for the year	824	24,238
Adjustments for:		
Depreciation	18,518	17,832
Amortisation	3,362	3,737
Loss on disposal of equipment	950	
Operating surplus before working		
capital changes	23,654	45,807
Decrease / (increase) in grants receivable	31,211	(51,882)
Decrease in other receivables	2,119	15,992
(Decrease)/increase in unexpended grants	(798,307)	672,769
Increase in payables and accruals	44,037	63,920
Decrease in undisbursed grants payable	(149,149)	(157,078)
Net cash /(used in)/generated from operating activities	(846,436)	589,528
INVESTING ACTIVITIES		
Purchase of furniture and equipment	(5,677)	(10,904)
Purchase of intangible assets	•	(1,956)
Cash used in investing activities	(5.677)	(12,860)
(DECREASE)/ INCREASE IN CASH AND CASH EQUIVALENTS	(852,113)	576,668
CASH AND CASH EQUIVALENT AT LJANUARY	1,340,462	763,794
CASH AND CASH EQUIVALENTS AT 31 DECEMBER	488,349	1,340,462
Represented by:		
Bank and cash balances	488,349	1,340,462
	*********	

## Appendix 2: Work plan and budget for the period January - December 2013

Strategic Objectives	Outcomes	Planned_ Activities January December 2013	Activities	Expected time Frame	BUDGET (US\$)					
					ROYAL DUTCH GOVERNME NT (DGIS)	UNIVERSIT Y OF NIGERIA, NSUKKA- OSF PROJECT	SIDA, BIPCEA/BIOIN NOVATE PROJECT	ESPA	CDKN/DFID /UNI SUSSEX	ROCKEFEL LER FOUNDATI ON
A. Research, Research Capacity Building & Knowledge Generation	A) Improved ability of African researchers to engage in high-quality peer reviewed ST&I policy research for African development	A.1 Regional Research Projects	A.1.1 Finalise reports for 3 commissioned regional studies on Agricultural Innovations and Emerging Technologies for Climate Change Adaptation and Food Security in Africa, targeting countries in Western Africa (Anjophone) & Central Africa (Francophone) regions.	May-13	249.42					
	B) Enhanced understanding of ST&I research and policy processes in Africa; and C) Improved ability to formulate and implement innovative ST&I policies in Africa.		A.1.3 Finalise reports for the 7 ongoing National Case Studies on Traditional Knowledge Systems and Increasing Access to Benefit Sharing of Intellectual property (IP) in Africa, targeting Eastern Africa and the SADC countries Studies commissioned in 2010 in Kenya (1), Uganda (1), Tanzania (1), Ethiopia (1), Lesotho (1), and Malawi (1), Zimbabwe (1).	May-13	1,898.65					
			A.3.1 Collaboration with University of Nigeria to implement a project on Building Transdisciplinary Climate Change Adaptation Capacity at the University of Nigeria	Ongoing through the year		94,306.00				
		A.3 International collaborative Research	A 3.2 Collaboration with National councils for Science and technology in Kenya, Uganda, Tanzania, Rwanda, Burundi , Ethiopia, International Service for Acquisition of Agri-Biotech applications and International Livestock Research Institute to review national science, technology and innovatino policies in Eastern Africa to establish the extent to which they support or hinder bioscience innovations	Ongoing through the year			33,000.00			
			A.3.3 Collaborate with University of Sussex to implement program on Pro-poor, Low Carbon Development: Improving low carbon energy access and development benefits on LDC's: Organise half-day seminars in Kenya, identify relevant literature on SHSs in Kenya and associated policy; Organise and facilitate one-day workshop with key stakeholders	Ongoing through year					229,093.17	
			A.3.4 Collaboration with University College London, Zoological Society of London & International Livestock Research Institute in the Biodiversity, Ecosystem services, Social sustainability and Tipping points in African dry lands project	Ongoing through year				33,717.60		
			A.3.5 Implement research activities on the Rockefeller funded program on advancing the understanding of social innovation among policymakers, science experts, the private sector and civil society in Africa	Ongoing through year						54,748.00
		A.4 National Chapters/ Institutional Support	A.4.1. Finalise reports for the National Coordinating Centres undertaking studies on Traditional Knowledge Systems and Increasing Access to Benefit Sharing of Intellectual Property (IP) in Africa, targeting Eastern Africa and the SADC countries (Kenya, Uganda, Tanzania, Ethiopia, Swaziland, Lesotho, Malawi and Zimbabwe).	May-13	4,055.79					

B. International Cooperation And Partnership	A) Better regional integration and the identification and prioritization of common research areas of mutual interest to African countries     B) Enhanced uptake and use of common identified research MDGs in Africa; and outcomes, technologies and innovations for addressing the MDGs in Africa; and	B.1 International Round Table Discussion Forums	B.1.1/B.2.1 Finalise reports on the Trainer of Trainers (ToTs) programmes, roundtables, workshops, publications, etc aimed at promoting awareness on intellectual property at grassroots levels in the Eastern Africa and the SADC countries including Kenya, Uganda, Tanzania, Ethiopia, Malawi, Zimbabwe, Lesotho and Swaziland.	May-13	1,016.27			
C. Youth And Gender Empowerment	A) Enhanced     skills/capacities in     agriculture, ST&I research     and policy advocacy     amongst Africa Youths and     women;	C.1 African Youth Forum for Science and Technology (AYFST)	C 1.1 Finalise and submit reports on youth programs including the climate change innovation award research projects.	May-13	1,121.75			
	B) Increased youth/women participation in ST&I research projects and other innovative and productive interventions at local, regional and national levels; C) A functioning networking platform, forum (online and offline) in which the youth/women can exchange opinions; and increased awareness among the youth/women on inter-elated policy issues in agriculture, science and technology and the need for multidisciplinary approaches in ST&I research and policy making;	C.2 African Women Forum for Science and Technology (AWFST)	C.2.1 Finalise and submit reports on the AWFST programs including the climate change innovation award research projects commissioned. Nine Grants commissioned	May-13	324.36			
D.Training and Sensitization	A) Enhanced dissemination of ST&I policy research to policymakers and to stakeholders at the grassroots through the fourth estate	D.1 Building S&T Constituencies/ Popularization of S&T	D.1.1. Consolidate reports for the 2012 in- country activities including the scientific revival day of Africa in the ATPS chapter countries. D.1.2 Consolidate reports for the Trainer of Trainers (ToTs) programmes, roundtables, workshops, publications, etc	Jun-13	4,957.73			
	B) Build capacity of journalists, artists and policy makers to communicate and use ST&I policy research.	D.2 Staff Training	D.2.1 Finalise and submit reports on National Coordinators and staff training	May-13	4,582.29			
F. Science Communications and Stakeholder Dialogue	A)Better appreciation of ST&I policy research by science journalists, policy makers and artists;	E.1 ATPS Multi-Media Publications & Websites	E.1.1 Finalise ATPS publications series and research outputs from the various commissioned studies.	Ongoing through the year	9,414.22			
	B)ATPS Techno policy briefs derived from the research finding		E.1.2 Continuous development of the interactive ATPS website and other subsidiary websites such as the IP program, and national chapters	Ongoing through the year				
	C)Strengthened partnerships between researchers and policy makers in the ST&I policy process;		E.1.3 Finalise the biennial publication on the state of Science Technology and Innovation in Africa (to partner with UNESCO)	Ongoing through the year				
	D)Sensitized leaders/policy makers on their leadership roles in promoting ST&I- led development;	E.2 ATPS Science Journalists' Forum	Finalise reports for the Africa Forum for Science Journalist activities	May-13	1,843.85			
	E)Stronger existing ATPS chapter through training, and establishment of offices, etc;	E.3 ATPS Stakeholder Dialogue/ Training Program	Finalise reports for the Stakeholder dialogue on STI related matters	May-13	22,898.07			
	F) Minimum of six policy briefs addressing MDG related ST&I policy issues published.	E.4 Literature acquisition, referral services	E.4.1 Acquire publications and literature for the development of the ATPS phase VII strategic plan and subscribe to international journals, Magazines, reports, newspapers, and literature acquisition, etc	May-13	31,209.01			
		E.5 Website Hosting	E.5.1, Hosting the ATPS website and other subsidiary websites: re-designed to include better knowledge circulation facilities, blogs, twitters, knowledge boards, and multiple languages (French, English, and Arabic).	May-13	121.59			
F. Outreach, Knowledge Brokerage And Policy Advocacy		F.1 Strengthening and Expansion of National Chapters	F.1.1.Consolidate reports from ATPS National Chapters and Focal Points.	May-13	11,316.24			

		F.2 Knowledge Brokerage Programmes	F.2.1 Finalise and submit reports for the National meetings on Traditional Knowledge Systems and Increasing Access to Benefit Sharing of Intellectual Property (IP) in Africa focusing on Eastern Africa and the SADC countries (Kenya, Uganda, Tanzania, Ethiopia, Swaziland, Lesotho, Malawi and Zimbabwe) to evaluate the national networks & National steering committees under the ATPS Intellectual Property program	May-13	18,174.65					
G. Technical Support (Program Activities A - F)		G.1. Network Consultants	G.1.1 Commission Network Consultants to supervise and provide technical support to ongoing development of the ATPS phase VII strategic plan	Ongoing through year	5,436.87					
G.Technical Support (Program Activities A - F)		G.2. Program Management/Re view workshops	G1.2.1 Program Management, Monitoring and evaluation. Conduct program reviews to evaluate research outputs under the various ATPS programs	Ongoing through year	25,412.39					
		G.3. Staff Travel/Program Supervision	G.3.1 Support staff travels for network management, knowledge circulation and knowledge valorization activities.	Ongoing through year	39.69					
		G1.1. Board Meetings	G1.1.1 Conduct Board meetings in June and November 2013	Jun/Jul 2013 and Nov/Dec 2013	14,020.00					
G1. Technical Support (Network Management/Coordination)		G1.2 Program Management (Secrelariat management coordination/Na- tional chapter meetings, communication and travels)	G1.2.1 Program Management , Monitoring and evaluation		35,407.98					
Total Programmes					193,500.82	94,306.00	33,000.00	33,717.60	229,093.17	54,748.00
Administration costs				41,120.60	5,460.00	1,650.00	-	5,188.11	15,565.00	
GRAND TOTAL				234,621.42	99,766.00	34,650.00	33,717.60	234,281.28	70,313.00	

# Appendix 3: ATPS New Grants Received in 2012

S/N	Title of Grant/Project	Donor
1.	Building Tran-Disciplinary Climate Change Adaptation Capacity at the University of Nigeria	Open Society Foundation (OSF)
2.	Learning Outcomes and Policy/Program Strategies for Enhancing Adoption and Diffusion of Climate Smart Clean Energy Technologies in Sub-Saharan Africa: Lessons from the Lighting Africa, the Africa Clean Cooking Energy Solutions, and Pro-Poor Low Carbon Development Projects	Climate and Development Knowledge Network (CDKN)
3.	Biodiversity, Ecosystem services, Social Sustainability and Tipping Points in African Drylands project (BEST)	Natural Environment Research Council (NERC)
4.	Bio-innovate consortium project: Biosciences Innovation Policy Consortium for Eastern Africa (BIPCEA)	Swedish International Development Cooperation Agency (SIDA)
5.	Green Technology in Africa Project	United Nations Industrial Development Organization (UNIDO)

# **Appendix 4: ATPS Board Members**



Prof. Shaukat Ali Abdulrazak Chair National Council for Science and Technology P. O. Box 30623, 00100-Nairobi, Kenya Tel: +254 20 2242175; Cell: +254 721 107867 E-mail: secretary@ncst.go.ke; sabdulrazak@yahoo.com



Prof. Turner T. Isoun Vice-Chair Former Honourable Minister, FMST 1 Ministers Hill, off 40 Colorado Close Maitama, Abuja, Nigeria Tel: +234-9-523 3397; Cell: +234 805 960 0023 Fax: +234-9-523 4390 E-mail: ttisoun@aol.com



Prof. Sir Brian Heap Wember
Vice-President, European Academies Science Advisory Council
The Royal Society of London, SW1Y SAG
Honorary Fellow, St Edmund's College, Cambridge CB3 0BN, UK
Tel: +44 1223 248509 Email: brianheap1@gmail.com; rbh22@cam.ac.uk



Prof. Agnes W. Mwang'ombe, EBS Member
Principal, College of Agriculture and Veterinary Sciences and Professor of Plant Pathology
University of Nairobi
P O. Box 30197, 00100-Nairobi, Kenya
Tel: +254-20-2055126, Cell: +254 722 788995
E-mail: wakesho123@gmail.com;
mwangombe@kenyaweb.com



Prof. Indira Nath Prof. Indira Nath
Member
Institute of Pathology (ICMR)
Safdarjung Hospital Campus
New Delhi, 110029, India
Flc: +911 11 26100754; Cell: +91 971 7104448
Home: +91 11 26517707
E-mail: indiranath@gmail.com



Dr. Kevin C. Urama Dr. Revin C. Urama
Ex-Officio
Executive Director
African Technology Policy Studies Network
P. O. Box 10081, 00100-Nairobi, Kenya
Tel: +254 20 2714092
Fax: +254 20 2714028
Faxil: Furama@alposet.org Email: kurama@atpsnet.org

# **Appendix 5: ATPS Responsible Innovation Advisory Committee Members**



Prof. Wiebe E. Bijker Faculty of Arts and Social Sciences, Maastricht University P. O. Box 616, NL-6200 MD Maastricht, The Netherlands Tel: +31-43-388 3321 E-mail: W.Bijker@TSS.unimaas.nl Website: http://www.fdcw.unimaas.nl/staff/bijker



**Prof. Norman Clark** The Open University
Milton Keynes, MK7 6AA, United Kingdom
Email: n.clark@open.ac.uk; norman18542@yahoo.co.uk



Prof. Bob Orskov The Orskov Foundation c/o The Macaulay Institute Craigiebuckler, Aberdeen, AB15 8QH, Scotland, UK Tel: +44 1224 498200 E-mail: b.orskov@macaulay.ac.uk Website: http://www.orskovfoundation.org/



Prof. Peter H. May President, International Society of Ecological Economics (ISEE) Chair, Department of Development, Agriculture and Society Federal Rural University of Rio de Janeiro, Brazil Tel: +55 21 2551 1320 E-mail: peter@rebraf.org.br



Prof. Norah K. Olembo Executive Director, African Biotechnology Stakeholders Forum P. O. Box 66069, 00800-Nairobi, Kenya Tel: +254-20-444 4558 E-mail: absf@absfafrica.org or noraholembo@yahoo.com



Prof. Ian David Hodge Professor of Rural Economy, Department of Land Economy, University of Cambridge 19 Silver Street, Cambridge CB3 9EP Tel: +44 1223 337134 Fax: +44 1223 337132 E-mail: idh3@cam.ac.uk



Prof. Ishenkumba Kahwa Dean, Faculty of Pure and Applied Sciences Mona Campus, The University of the West Indies Kingston 7, Jamaica E-mail:ishenkumba.kahwa@gmail.com



Prof. Lynn K. Mytelka Professorial Fellow UNU-MERIT 35, rue Lhomond, 75005 Paris, France CODE de LA PORTE: 357B Tel: +33 1 47 07 37 90 E-mail: Lmytelka@gmail.com



Dr. George O. Essegbey Director, STEPRI-C.S.I.R. P. O. Box CT 519, Accra, Ghana Tel: +233-21-779401/773856 Email: george\_essegbey@yahoo.co.uk



Prof. Francis Mutua Applied Training Nutura

Applied Training Project, Nile Basin Initiative

Nairobi, Kenya

Tel: +254 20 208 0371

E-mail: fmutua@nilebasin.org or fmmutua@gmail.com



Dr. Kevin Urama (ATPS Secretariat Representative) (ATPS Secretariat Representative)
Executive Director
African Technology Policy Studies Network (ATPS)
P. O. Box 10081, 00100-Nairobi, Kenya
Tel: +254 20 2714028
Fax: +254 20 2714028 E-mail: kurama@atpnet.org



Dr. Musa A. Dube

(ATPS National Chapters - Southern Africa Representative)
ATPS-Swaziland National Coordinator
Senior Lecturer & ATPS National Coordinator
Faculty of Agriculture, University of Swaziland
Tel: +268 527 40 21
Email: madube@agric.uniswa.sz



Prof. Michael C. Madukwe (ATPS National Chapters - Western Africa Representative) ATPS - Nigeria National Coordinator Professor, Department of Agricultural Extension University of Nigeria Nsukka, Enugu State, Nigeria Tel: +234 42 771019 Email: madukwe@hotmail.com or madukwemichael@yahoo.com

# Dr. Philippe Kuhutama Mawoko

Or. Philippe Kunutama Mawo
Coordinator
African Science, Technology & Innovation
Indicators (ASTII) Initiative
NEPAD Office of Science & Technology
Tel: +27 (12) 841 4347
Mobile: +27 (83) 258 6104
Fax: +27 (12) 841 4414
E-mail: pkmawoko@nepadst.org
Website: http://www.nepadst.org

# Prof. Andy Hall

Researcher United Nations University – MERIT Maastricht, The Netherlands E-mail: hall@merit.unu.edu; andyhallmails@yahoo.com

# **Appendix 6: Regional Steering Committee Members**



Dr. Sylvester Ndeso Atanga ATPS Cameroon Faculty of Health Sciences University of Buea P. O. Box 63, South West Province Republic of Cameroon Tel: + 237-75816047; Cell: +237-99841433 Email: ndiande@yahoo.com



Dr. Arsène Konan Kouadio ATPS Côte d'Ivoire Centre Ivoirien de Recherches Economiques et Sociales (CIRES) Cocody, Boulevard Latrille 08 BP. 1295 ABIDJAN 08, Côte d'ivoire Tel.: (225) 22 444 363 / 22448942 Fax.: (225) 22 440829 Email: arsenekk@yahoo.fr; arsenekouadio@hotmail.com



Prof. Michael Madukwe ATPS Nigeria Department of Agricultural extension University of Nigeria, Nsukka, Enugu State
Tel: +234 42 771019; Cell: + 234 803 700 6968
Email: madukwemichael@yahoo.com



Dr. Musa Dube ATPS Swaziland Faculty of Agriculture
University of Swaziland, Luyengo Campus P. O. Luyengo, Swaziland Tel: +268 527 40 21; Cell:+268 618 15 79 Fax: +268 527 40 21 Email: madube@agric.uniswa.sz



Mr. Kenneth W. Aduda ATPS Kenya Projects & Resource Mobilization Manager Kenya Industrial Research Development Institute (KIRDI) P.O. Box 54139-00200 Nairobi, Kenya Tel: +254 20 609498; Cell: + 254 721 466444 Fax: +254 20 556362 Email: adudakenwo@gmail.com



Prof. Femi Olokesusi ATPS Nigeria Nigerian Institute for Social and Economic Research (NISER) PM.B 5 UI Post Office Oyo Road, Ojoo, Ibadan, Nigeria Tel: +234 2 8103345/8102904 Fax: +234 2 2413121 Email: madukwe@hotmail.com

# **Ex-Officio Members**



Dr. Kevin C. Urama Executive Director Executive Director African Technology Policy Studies Network P O. Box 10081, 00100-Nairobi, Kenya Tel: +254 20 2714092 Fax: +254 20 2714028 Email: kurama@atpsnet.org



Dr. George Owusu Essegbey Director STEPRI/CSIR P. O. Box CT 519, Accra, Ghana Tel: +233 21 773856; Cell: +233 243 753314 Fax: +233 21 773068 Email: george\_essegbey@yahoo.co.uk

# **Appendix 7: ATPS National Chapter Coordinators**

#### Australia

Mr. David Doepel **National Coordinator** Chair, Africa Research Group, Murdoch University

90 South Street Murdoch, Western Australia 6150

Tel: +61418912287

Email: d.doepel@murdoch.edu.au

#### Benin

Prof. Roch L. MONGBO National Coordinator Senior Lecturer & Researcher FIDESPRA/Univ. of Abomey Calava and CEBEDES XU dodo 02 BP 778, Cotonou, Benin Tel: +229-21304139: Cell: +229 95 96 64 46 Email: Rochl mongbo@yahoo.fr

#### Botswana

Vacant

#### 4. Burkina Faso

Dr. Benoit KABORE National Coordinator Université de Ouagadougou 01 BP 4487, Ouagadougou 01, Burkina Faso Cell: +226-70403013 / 78812008 Email: benkabor2003@yahoo.fr

#### Cameroon

Dr. SvIvester NDESO ATANGA National Coordinator Lecturer, Epidemology & Public Health, Faculty of Health Sciences, University of Buea P.O. Box 63 South West Province, Republic of Cameroon Cell: +237-99841433Email: silawrence2011@gmail.com or ndiade@yahoo.com

## Côte d'Ivoire

Dr. Arsène KOUADIO. National Coordinator Associate Professor, University of Abidjan-Cocody; Researcher, CIRES Director, Laboratoire de croissance Economique Executive Director, Institut pour le Développement (IPD), Coordinator, RIA Côte d'Ivoire, Fellow Researcher, AERC, Poverty Economic Policy (PEP), Cocody, Boulelevard Latrille 08 B.P. 1295 Abidian 08. Côte d'Ivoire

Tel: +225 22 44 60 99

Mobile: +225 07 98 46 80 / 05 95 97 91

E-mail: arsene.k@ipd-ci.org; arsenekouadio@hotmail.com

# Egypt

Ms. Manal Moustafa SAMRA National Coordinator 45 Noubar Street, Bab El-Louk, 8th Floor, Apt 29 Cairo, Egypt Tel: +20105005284

Email: mmsamra@gmail.com

#### Ethiopia

Mr. Wondwossen Belete National Coordinator ATPS - Ethiopia P. O. Box 25453, Addis Ababa, Ethiopia Tel: 251-11-6462428; Cell: +251-911-886709 Email: wondwossenbel@yahoo.com

## The Gambia

Vacant

#### Ghana

Dr. Fred AMU-MENSAH National Coordinator Senior Research Scientist CSIR Water Research Institute P.O. Box M.32 Accra, Ghana Tel: +233-24-4748197 Fax: +233 21 77 7170 Email: obeyie@gmail.com

#### Kenya

Mr. Kenneth W. Aduda National Coordinator Projects & Resource Mobilization Manager Kenya Industrial Research Development Institute (KIRDI) P. O. Box 54139, 00200, Nairobi, Kenya Tel: +254 20 609498; Cell: + 254 721 466444 Fax: +254 20 556362

### Lesotho

Mr. Denis Sekoja Phakisi Acting National Coordinator Manufacturing Manager, Loti Brick Kofi Annan Road, Thetsane Industrial Area P. O. Box 8008, Maseru 100, Lesotho Tel: +266 5885 3389

Fax: +266 22310071 Email: ds.phakisi@lycos.com

Email: adudakenwo@gmail.com

#### Liberia

Dr. Wollor Emmanuel TOPOR National Coordinator Acting Dean, College of Science and Technology University of Liberia

Tel: + 231-6875802

Email: wollortopor@yahoo.com

#### Malawi

Prof. Henry MLOZA-BANDA National Coordinator Professor of Agricultural Ecology University of Malawi, Faculty of Agriculture

Lilongwe, Malawi Cell: +265 888 854 123 Email: mlozab@yahoo.co.uk

## Mali

Dr. Sidiki Gabriel DEMBELE
National Coordinator
Agrochimie/Agroforesterie et Fertilité des sols
Bureau Ouest-Africain d'Appui
Organisational et de Technologies
Appropiées B.P. E 3730, Bamako, Mali
Tél.: (223) 226 2012; Cell: (223) 71 3806

Email: sidikigabriel@hotmail.com; filifingdem@yahoo.fr

#### Morocco

Prof. Dr. Saïd Boujraf
Focal Point Coordinator
Director of the Clinical Neuroscience Laboratory
Department of Biophysics and Clinical
MRI Methods Faculty of Medicine and Pharmacy,
University of Fez

BP. 1893; Km 2.200, Sidi Hrazem Road, Fez 30000, Morocco Tel:  $+212\ 667\ 780\ 442$  Fax:  $+212\ 535\ 619\ 321$ 

Email: sboujraf@gmail.com

#### Mozambique

Eng. Lourino Alberto Chemane National Coordinator ICT and Planning Advisor Executive Secretariat, ICT Policy Commission Bairro da Coop Rua Particular

Dr. Antonio de Almeida 61 R/C Direito, Maputo Moçambique

Tel: +258 21 309398; Cell: +258 82 3110700

Fax: +258 21 302289

Email: lourino.chemane@mct.gov.mz

#### Nigeria

Prof. Michael C. Madukwe National Coordinator Professor, Department of Agricultural Extension University of Nigeria Nsukka, Enugu State Nigeria

Tel: +234 42 771019; Cell: +234 803 700 6968

Email: madukwemichael@yahoo.com

Prof. Femi Olokesusi Associate National Coordinator Nigerian Institute for Social and Economic Research (NISER) P. M. B 5 UI Post Office, Oyo Road, Ojoo, Ibadan, Nigeria

Tel: +234 2 8103345/8102904 Fax: +234 2 2413121 Email: femioloke@yahoo.com

#### Rwanda

Prof Herman Musahara
Focal Point Coordinator
Associate Professor and Director
Directorate of Planning and Development
National University of Rwanda
B. P. 117 ButareHuye, Rwanda
Email: hmusahara@nur.ac.rw

## Senegal

Dr. Papa Alioune Sarr Ndiaye National Coordinator ESP BP 15475 Dakar, Sénégal

Domicile: (221) 820 23 88; Cellulaire: (221) 634 58 88 Email: pndiaye@ucad.sn; papealiounen@yahoo.fr

## Sierra Leone

Mr. Chris Squire National Coordinator Head, Dept of Mechanical Engineering Fourah Bay College, University of Sierra Leone Mount Auroel, PMB Freetown, Sierra Leone

Fax: +232 22 227453 Cell: +232 76 610600

Email: squirechris15@yahoo.com

#### **South Africa**

Professor Mark Swilling
National Coordinator
Sustainability Institute, School of Public Management and
Planning, Stellenbosch University
Private Bag X1, Matieland, 7602, South Africa
Tel: +27(0)21-881 3196; Cell: +27(0)83-459 7417

Fax: +27(0)21 - 881 3294 Email: swilling@sun.ac.za

#### Sudan

Mrs. Nadia Hassan Sidahmed
National Coordinator
Economic Studies Department
Industrial Research & Consultancy Centre (IRCC), Sudan
Tel: +249 911449106
Email: nadiahsh@yahoo.co.uk

#### **Swaziland**

Dr. Musa A. DUBE
National Coordinator
Senior Lecturer
Faculty of Agriculture
University of Swaziland, Luyengo Campus
P. O. Luyengo, Swaziland

P. O. Luyengo, Swaziland Tel: +268 527 40 21

Fax: +268 527 40 21; Cell: +268 618 15 79

Email: madube@agric.uniswa.sz

# Tanzania

Vacant - plans underway to host it at the Tanzanian Commission for Science and Technology (COSTECH)

## UK - Diaspora

Mrs. Martha Ada UGWU Focal Point Coordinator 59 Highgrove Road Walderslade, Chatham Kent, ME5 7SF, UK

Tel: +4401634310389/07985476289Email: Martha.ugwu@yahoo.co.uk Martha@ugwu.fsworld.co.uk

# Uganda

Mr. John Okuonzi National Coordinator. ATPS Uganda Chapter Kyambogo University Faculty of Engineering, Department of Electrical and Electronic Engineering, P.O. Box 1, Kyambogo, Kampala, Uganda

Tel: +256 782 353034

# **USA** - Diaspora

Dr. Anthony C Ikeme National Coordinator President & CEO Clintriad Pharma Services 102 Pickering Way, Suite 200, Exton, PA 19341 Tel: 484.753.3405; Cell: 215.380.9920

Fax: 610.384.5455

Email: aikeme@clintriad.com

#### Zambia

Prof. Francis D. YAMBA **National Coordinator** Coordinator, Centre for Energy Environment and Engineering Zambia (CEEEZ) Ltd. 176 Parirenyatwa Road, Suite B. Fairview, P/B E721, Lusaka, Zambia Tel/Fax: +260 211 223118

Email: yambafd@yahoo.com

## **Zimbabwe**

Mr. Benson ZWIZWAI **National Coordinator Deputy Director** Institute of Development Studies P.O. Box 880, Harare, Zimbabwe

Tel: +263 4 333341/3; Cell: +263 772494902

Fax: +263 4 333345

Email: bmutzwizwai@yahoo.com; jokuonzi@kyu.ac.ug;

okuonzijohnie@yahoo.com

# Appendix 8: ATPS Secretariat Staff during the Period of 1 January 2012 - 31 December 2012

Designation Name

Prof. Kevin Urama **Executive Director** 

Dr. Nicholas Ozor Senior Research Officer

Murimi Muriuki Finance and Administration Manager

**Caroline Thuku** Senior Secretary & Programs administrative Assistant

**Dr. Maurice Ochieng Bolo** Post-Doctoral Research Officer

**Ernest Acheampong** Research Officer

Dr. Kelali Adhana Tekle Post-Doctoral Research Officer

Dr. Edith Kirumba Post-Doctoral Research Officer

Ms. Everlyn Otieno Communications Officer

Jacinta Kahi Communications Assistant

**Edel Kwoba** Media Liaison Officer

**Eunice Kariuki** Program and Administration Assistant

IT Officer **Nelson Akenga** 

George Kioko Finance and Administration Assistant

Sarah Wakasa Communications Assistant

**Richard Muchesia** Driver/Messenger





