



Climate Change Innovation Award 2010

CALL FOR CONCEPT PAPERS

(Call No. ATPS-CP-0500/10)

Building the capacity of Africa's women in climate change adaptation and impacts mitigation, and resilience building through science, technology and innovation

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About ATPS

The African Technology Policy Studies Network (ATPS) is a leading multi-disciplinary network of researchers, practitioners and policy makers that promotes science, technology and innovation (STI) policy research, dialogue and practice, for African development. Its mission is to improve the quality of science, technology, and innovation research, policy and practice for sustainable development in Africa, by Africans for Africans. The fundamental strategic goal of ATPS is to build Africa's STI capacity today for sustainable development tomorrow. With its secretariat headquarters in Nairobi, the ATPS works through national chapters in 23 countries in sub-Saharan Africa with a vision to cover the whole of the region by 2015. The regional secretariat and the national chapters provide ground facilities and platforms for STI capacity building at both regional and national levels. For details see: <http://www.atpsnet.org>

About AWFST and the Women Innovation Challenge (WE CAN) Program

The African Women Forum on Science and Technology (AWFST) was initiated by ATPS in 2008 under the auspices of the ATPS Phase VI Strategic Plan (2008 – 2012). The aim of the AWFST is to provide a vehicle through which African women can express their ideas, contribute their expertise and participate in policy and decision-making processes in Africa.

Objectives of AWFST are to:

1. Build the capacity of African women through training, information sharing, networking and dialogue in relevant topical and developmental issues.
2. Promote youth participation in policy formulation and implementation processes at all levels with a focus on agriculture, science, technology and innovation (ST&I) and development.
3. Promote a culture of science, technology and innovation consciousness among Africa's women generation.
4. Promote women-led, demand-driven research and development initiatives in agriculture, science, technology and innovation.

In July 2009 the African Women Forum for Science & Technology (AWFST) and its flagship program, the Women Innovation Challenge (WE CAN) program, were launched in Mombasa, Kenya where an Interim AWFST Steering Committee (IASC) was inaugurated. Under the auspices of the AWFST, the WE CAN programme is designed to build a culture of innovation amongst young people in Africa by facilitating targeted linkages with the quadruple helix (Researchers, Private Sector, Civil Society and Policy Makers). For further details on the AWFST and WE CAN programs, please visit <http://www.atpsnet.org/prog/awfst.html> and <http://www.atpsnet.org/prog/WECAN.html>.

Rationale for the Call for Proposals

The emerging challenges of climate change and its associated impacts, such as rise in temperatures, increased degradation of land and forest ecosystems, biodiversity loss, variable rainfall patterns and poor air quality, continue to undermine the provision of vital basic ecosystem services on which many African economies depend. The ATPS believes that within these challenges are endless opportunities, for African women to demonstrate their innovative talents and scientific and technological capacities to address them. Since 2004, ATPS has therefore been creating a common platform for tackling climate change challenges in Africa and globally.

In November 2009 (Abuja, Nigeria) ATPS in partnership with the United Nations Environment Program (UNEP) officially launched the “**Climate Sense Programme**” (CSP) which aims to promote Climate

Change dialogue and encourage new scientific breakthroughs, new technologies and innovations, Innovation Incubation Initiatives, to address the climate challenge at all levels of African Society (see: <http://www.atpsnet.org/prog/csp.html> and http://www.atpsnet.org/docs/annual_conference_2009.pdf). Supported mainly by the Netherlands Directorate-General of Development Cooperation (DGIS) and the Rockefeller Foundation, the CSP has provided platforms for African stakeholders to become part of the solution to climate change in Africa. It is under the auspices of the CSP and twin programs of the ATPS Phase VI Strategic Plan, 2008 – 2012, i.e. the Y I CAN and WE CAN programs, that the ATPS is pleased to announce a Call for Concept Papers for a **Climate Change Innovation Award 2010**.

Strategic Objectives

The objectives of this call include:

1. To identify, document, induce and upscale indigenous and new technologies and innovation for Climate Change mitigation, adaptation, risk reduction, preparedness and resilience capacity building in Africa;
2. Harness new ideas, prototype technologies and ground breaking scientific research and/or craftsmanship in designing 'workable solutions' for addressing the climate challenge and harness the development opportunities in “*climate change industry*” for African development;
3. Mobilise and support African Women to harness and incubate their *innovative capacities* and *entrepreneurship skills* in addressing climate change challenges and opportunities in Africa. The Award winners will receive long term mentorship as **Climate Innovators** in Africa;
4. Mobilize women across the continent and amplify their voices in making sense of climate science, economics, politics, and opportunities in Africa; and
5. Mainstream a culture of innovation among African women in finding solutions to development challenges such as climate change.

Call Categories

The ATPS welcomes proposals under the following categories:

- CSP-0501/10:** **Ongoing Research Projects** that include a tangible “make” or “design” perspective and demonstrate how it will lead to *tangible technologies, organisational reforms, or new policies* for addressing tangible climate induced problems at local levels. Applications in this category **MUST** include the full manuscripts on the research project describing *tangible technologies, organisational reforms, or new policies* and identified funding linkages to impact investors.
- CSP-0502/10:** **Prototypes of new technologies** requiring *incubation and up scaling* to innovations for climate change adaptation, mitigation and resilience building. Applications in this category **MUST** be accompanied by letters of support by the prospective Incubation Centres or must identify funding linkages to impact investors.
- CSP-0503/10:** Tangible propositions for **local or international Fellowships/Mentorships** and **Innovation Incubation Initiatives** in selected STI institutions, the formal Private Sector, or Government Agency in Africa, or elsewhere. Applications in this category **MUST** be accompanied by letters of support by the prospective Incubation Centres, Institutions, Government Agency or Private Sector establishments, describing how the “budding innovative idea” will be incubated into tangible technologies and innovations for development in Africa.
- CSP-0504/10:** **Empirical case examples** of sustainable indigenous knowledge practices in climate change adaptation, impact mitigation and resilience capacity building in rural

African communities. This can include indigenous practices by local communities who might not otherwise be able to submit proposals.

CSP-0505/10: Best case examples on how the challenge and opportunities of climate change can be effectively **communicated** to policymakers, private sector actors, scientists and the civil society in Africa.

In line with the CSP objectives, each application should make tangible contributions to better understanding of the science, economics, politics, and innovative opportunities in the challenge of climate change, and inform better response strategies through STI.

Proposal Requirements

All proposals **MUST** be submitted in Microsoft Word format, font size, and not more than 10 pages, double spacing. The proposal **MUST** include the following sections:

| Section | Information required |
|---|--|
| Cover Page | Project Title: Full title of the proposed project |
| | Call Category: An indication of the call category <i>CSP-0501/10–CSP-0505/10</i> under which the application should be considered |
| | Contact Details of Proponent(s): Full names and title, physical address, specialization, email address, and telephone numbers of the Lead Investigator/project Leader, and all collaborators. |
| Project Synopsis | A one page brief overview of the key components of the project and how they address the challenges of climate change |
| Body of proposal | Detailed description of the project background, rationale, methods, results and discussion, implementation strategies, and recommendations |
| Project Milestones, Expected Deliverables/Policy outcomes | List of project milestones, expected tangible outputs and policy outcomes. Tangible outputs may include research papers, prototype technologies, and new innovations requiring incubation. |
| Incubation Plan and Plans for Up-scaling | Description of the “make” or “design” aspect and how the project, technology or innovation can be institutionalized, applied to social use or up-scaled into cost effective technologies that address the challenges of climate change in Africa or the inherent policy gaps |
| Duration and Budget | Indicative duration and budget estimates for the project activity in local currency and US (\$) Dollars. Maximum budget will be defined by the nature of the project but should be no more than US\$10,000.00 only. |

Submission Guidelines:

All proposals should be submitted **by e-mail to** executivedirector@atpsnet.org, with a **forwarding letter signed by the Lead Proponent to the address below:**

Executive Director,
 African Technology Policy Studies Network (ATPS)
 3rd Floor, The Chancery, Valley Road
 P O Box 10081-00100,
 Nairobi, Kenya

Submission Deadline: 17.00 Hours East African Time (GMT+3) on **15 July 2010**. Proposals received after the deadline will be automatically rejected by the ATPS Electronic Grants Management System (EGMS).

Eligibility Criteria

All proponents must be registered members of the ATPS and her women program, the AWFST. For registration visit: <http://www.atpsnet.org/membership.php> and http://www.atpsnet.org/prog/wecan_application.php.

1. All proponents must be **African Women including African Women in the Diaspora**.

Selection Timeline and Procedure

1. All applications received will be acknowledge by e-mail through the ATPS EGMS on **16 July 2010**,
2. All received applications will be peer reviewed by the CSP Research Persons and AWFST Steering Committee.
3. All applications received will be reviewed by an Independent International Expert Panel and pre-advice provided to shortlisted applicants by **31 July 2010**,
4. Shortlisted candidates will be invited to a proposal tournament scheduled for **November, 2010**. The tournament will provide a platform for wider peer review by ATPS and AWFST members and stakeholders.
5. Winners of the Climate Innovation Awards will receive a joint ATPS/UNEP prizes as **African Climate Champions**. ATPS will also provide support for (i) the processing and publication of scientific manuscripts and best case examples in an edited book volume, (ii) incubation of prototype ideas and innovations through fellowships in the relevant sectors, and (iii) support towards the up scaling of prototype technologies, mentorship, market access, and linkage to social capital investors, respectively.

Potential Partners

The ATPS Secretariat is in discussions with relevant Social and Venture capitalists to provide management, advisory services, mentorship and other forms of support to the winning incubatees.

Other potential partners are also invited to contact ATPS via-email at executivedirector@atpsnet.org.