

## **Bridging the Nanodivide; problems and solutions**

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African Nanoscience and nanotechnology:

African nanoscience and nanotechnology are at a very early stage of development. There is no serious government commitment in terms of funding but there are increasing interests especially from the academia. There are individual investigators scattered all over the 53 countries of Africa.

Problems:

1. Lack of funding from the government and private sector
2. Lack of first class institutions for nanoscience and nanotechnology research
3. Lack of external and internal collaboration across disciplines, institutions and nations
4. Lack of external funding from the developed countries of Western Europe, North America and Japan
5. Lack of encouraging factors for Diasporas and their allies to develop their continent

Solutions:

For sustainable solutions to this serious problem leading to nano-divide; FONAI-US-EU-Africa-Asia-Pacific and Caribbean Nanotechnology Initiative (USEACANI) was founded with a proposed budget of \$10 billion for 10 years with these objectives:

- Improve institutional structures so they foster and nurture development
- Support long-term nanoscience and engineering research leading to fundamental discoveries of novel phenomena, processes and tools;
- Encourage inter-disciplinary, multi-disciplinary and multi-institutional cooperation required in nanoscience and nanotechnology;
- Provide new types of education to train the experts in nanoscience and nanotechnology and entrepreneurs of the future;
- Create the physical infrastructure to enable first-class basic research, exploration of applications, development of new industries, and rapid commercialization of innovations in the field of nanoscience and nanotechnology.

It is our believe that these above objectives can provide permanent solutions to the perennial problem of science and technological poverty along with other forms of poverty including brain drain in Africa. Africa has the human resources through Diasporas and their allies to fulfill these objectives. For more details on FONAI crucial task, visit the website at <http://www.Fonai.org>. FONAI is calling on all the global community especially developed countries of Western Europe, North America and Japan to contribute to this crucial objectives as the stability in Africa through sustainable development will bring about their own more stability. Peace in Africa can bring more peace in developed countries too. Let us work together to prevent a foreseeable catastrophe greater than the world wars, HIV/AIDS and Tsunami combined.

**Donation Request! To continue this focused nano educational campaign especially to the less privileged developing nations, we need immediately \$1 million emergency relief fund** for Nanoscience and Nanotechnology education especially in Africa, Caribbean, Latin America and Asia-Pacific.

Donate now please by visiting <http://www.Fonai.org> .

Nothing is too small or too big,

Individuals, academia, policy makers (government institutions), private sector, not-for-profits, etc

Please give your kind donation

#### **Reference**

1. Onah E. Editorial Review, J. Nanotech. Progr. Int. 2009, 1, 4
2. Onah E. African Nanoscience and Nanotechnology 2010  
<http://fonai.org/Documents.html>