

World Future Council | Fact Sheet Renewable Energy: Sustainable Development in Africa

The Challenge

Africa is already suffering the negative impacts of climate change and its heavy reliance on burning wood and charcoal to meet basic energy needs means the continent continues to suffer intense deforestation. Renewable energy is essential for Africa to develop sustainably, consider the facts:

- One billion people, one sixth of the world population, live in Africa
- Only 4% of electricity generated worldwide is produced in Africa
- Sub-Saharan Africa has the world's lowest electrification rate at 25.9%
- Rural electrification rates in Sub-Saharan Africa are only 8%
- 70% of household income in Africa is spent on energy (diesel, kerosene, charcoal)
- 80% of Africans rely on biomass for energy (wood or charcoal fuel)
- Exposure to indoor air pollution is globally responsible for over 1.6 million premature deaths a year
- 4 million hectares of forest are felled each year in Africa, twice the world average¹

Our Goal

The World Future Council aims to accelerate renewable energy in rural and urban areas of Africa through rapid implementation of Renewable Energy Technologies. This will facilitate social and economic development, help meet basic needs for cooking, heat and light, foster rural economies and support remote access to information, education and health-

¹ Sources of data cited: UN Population Division, World Bank, International Energy Agency, World Health Organization, UN Environmental Programme, AFREPREN/FWD – Energy, Environment and Development Network for Africa / African Energy Policy Research Network Limited



care. The project has the potential to meet all eight United Nations Millennium Development Goals, benefitting the environment and supporting global efforts on climate change.

Our Strategy

In order to promote renewable energy throughout Africa, we will focus on bringing positive change to three countries that stand at a development 'crossroads' facing choices between large-scale fossil fuel or nuclear energy and a future of renewable energy.

- Ethiopia
- Nigeria
- South-Africa

The energy production and consumption in these countries will be analysed and detailed policy measures will be developed that would make real the promise of renewable energy for all

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citizens. In partnership with local, national and international experts a programme of implementation will get underway. The results will be communicated across the continent.

Target Group

We will engage parliamentarians, government and administrative representatives in Ethiopia, Nigeria and South-Africa in partnership with representatives from civil society, regional, national and international groupings (e. g. Economic Community of West African States, African Union and European Union).

Activities

Strategy Workshops

Renewable Energy Strategy Workshops will frame discussion of legal frameworks and implementation plans among African stakeholders

Fact-Finding Missions

South-South exchanges of experience will maximise the potential for rapid take-up of renewable energy

Information Package

The benefits and potential for renewable energy technologies in Africa will be presented in an information package together with case studies detailing successful examples of policy implementation. The package will be sent direct to parliamentarians, policy-makers and civil society representatives active in sustainable development and renewable energy policy in Africa.

Committed Councillors

The World Future Council Renewable Energy: Sustainable Development in Africa project involves among others Hafsat

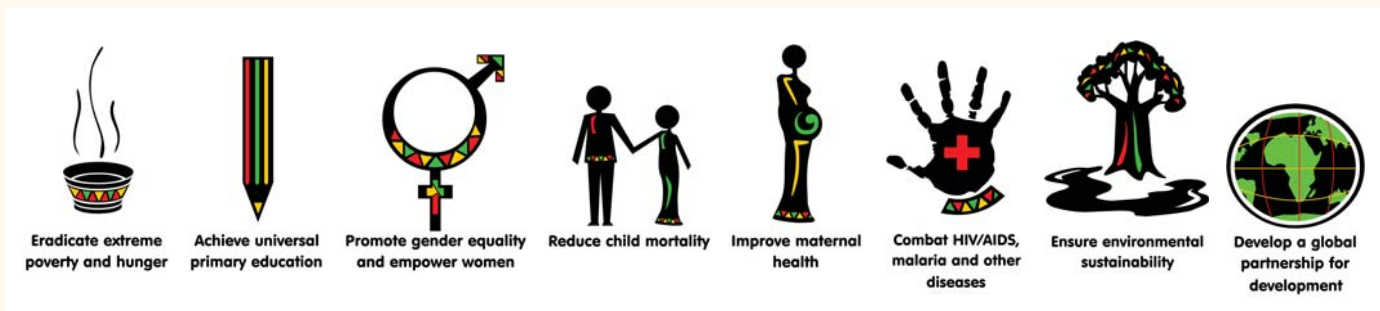
Abiola-Costello (*daughter of the late Chief Moshood Abiola, President Elect of Nigeria; Founder of the Kudirat Initiative for Democracy in Nigeria; Founder, China Africa Bridge*), Dr. Tewolde Berhan Gebre Egziabher (*Director General of Ethiopia's Environmental Protection Authority*), Tony Colman (*Entrepreneur; former UK Member of Parliament; Director, Africappractice*), Nicolas Dunlop (*Co-Founder and Secretary-General, e-Parliament*), Dr. Ibrahim Abouleish (*Founder Sekem*), Ashok Khosla (*Director, Centre for Development Alternatives; President International Union for the Conservation of Nature*), Youssou N'Dour (*Musician and human rights advocate*), Ahmedou Ould-Abdallah (*Special Representative of the United Nations Secretary-General in Somalia*).

Project Management and Evaluation

The World Future Council strives for excellence in the conduct of its projects and aims for optimum effectiveness, efficiency and improvement. The Renewable Energy Africa Project Manager will evaluate the goals, activities and budget at regular intervals against specific indicators. An evaluation report will be compiled and reviewed by the Board of Directors of the World Future Council, whose recommendations are presented to the Annual General Meeting.

About us

The World Future Council brings the interests of future generations to the centre of policy making. Its 50 eminent members from around the globe have already successfully promoted change. The Council addresses challenges to our common future and provides decision-makers with effective policy solutions. In-depth research underpins advocacy work for international agreements, regional policy frameworks and national lawmaking and thus produces practical and tangible results.



The eight UN Millennium Development Goals [MDG's]. Source: UNDP Regional Service Centre in South Africa

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