

The EAC Policy and Strategy Framework for the Energy Sector

The EASTECO Projected Action



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Building Bi-regional Partnerships for Global Challenges



CAAST-Net Plus is funded by the European Union's Seventh Framework Programme for Research and Technological Development (FP7/2007-2013) under grant agreement n° 311806. This document reflects only the author's views and the European Union cannot be held liable for any use that may be made of the information contained herein.

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Dx.x.x | Version 1.0 | PUBLIC / | July 2016

The logo of the East African Community (EAC) is circular, featuring a map of the region in the center, surrounded by a green wreath. The acronym 'EAC' is at the top, and the Swahili motto 'JUMUIYA YA AFRIKA MASHARIKI' is on a banner at the bottom.

The East African Community's Ecosystem

- **EAC: Regional intergovernmental organisation comprising Burundi, Kenya, Rwanda, South Sudan, Tanzania, & Uganda.**
 - Headquarters in Arusha, Tanzania.
- **November 1999: Treaty for the Establishment of the EAC signed**
- **March 2016: Admission of South Sudan into the EAC (now 156 M-people, 2.4 M km²).**

The East African Community's Ecosystem



Organs: Summit, Council, Secretariat, EALA, EACJ,...

Institutions: IUCEA, LVBC, LVFO, EASTECO, ...

Political Federation

Monetary Union, 2013

Under negotiation

Common Market, 2009

Started in 2010, for free movement/people, labour, capital, services

Customs Union, 2004

Now Operational

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The East African Science & Technology Commission (EASTECHO)

- Chapter 16, Article 103 (a) of the EAC Treaty: the Partner States undertook to promote cooperation in the development of Science & Technology within the community;
- **EASTECHO** established as an Institution of the EAC by the Summit of the EAC Heads of State, in 2007;
- **Mission: *To promote & coordinate the development, management & application of Science & Technology to support regional integration & socio-economic development;***
- EASTECHO operational since July 2015; Headquartered in Kigali, Rwanda.
- **Mandate:** to coordinate and facilitate the activities of the Partner States and national science and technology institutions

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EASTECO SPECIFIC OBJECTIVES AND FUNCTIONS – 4 keys functions

- **Formulate Regional Science, Technology & Innovation policy**
- **Determine priorities of regional collaborative research;**
- **Exchange and utilisation of scientific knowledge;**
- **Fostering scientific & technological innovation in the Partner States: *including ICT, emerging technologies, indigenous technologies;***
- **Harmonize policies on commercialisation of technologies and promotion and protection of intellectual property rights;**
- **Promote special talents in S&T/emphasizing on youth and gender;**
- **Promote and facilitate Public & Private Partnerships.**

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EAC Policy for Climate Change – A cross cutting issue

- **The East African Climate Change Policy, 2010:**

- Overall Objective: to guide the preparation and implementation of collective measures , to harmonize and coordinate implementation of climate change actions, and to identify priority action areas in addressing climate change.

- **East African Climate Change Master Plan, 2011-2031:**

- identifies critical climate change mitigation (&adaptation) actions;

- **Challenges to be addressed for the energy sector** (large dependence on biomass for energy needs/87.6% population: fire-wood & Charcoal):

- i) Provision of affordable clean energy for all; and ii) Development of alternative sources of energy including geothermal, wind, solar, biomass and biofuels.

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EAC Policy/Strategy for Access to Modern and Clean Energy

- **Regional Strategy on Scaling Up Access to Modern Energy Services, 2009 :**
 - **Targets:** access for modern cooking practices for 50% of population using traditional cooking fuel; access to reliable electricity for all urban and peri-urban poor; access to modern energy for all schools, clinics, hospitals and community centers; access to mechanical power for heating and productive uses for all communities
- **Other relevant Strategies/Plans:**
 - **Regional Power Master Plan (jointly with EAPP):**
 - **Regional Cross Border Electrification Programme.**

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EAC Policy/Strategy for Access to Modern and Clean Energy

- **Regional Strategy on Scaling Up Access to Modern Energy Services, 2009 :**
 - Challenges (from 2012 assessment): awareness about the strategy for policy makers in public-private sectors (national level); harmonization of policies/strategies at national level; training and technical capacity; access to financing for end-users and entrepreneurs; statistical data and information on stakeholders and their activities; coordination of the high number and diversity of activities; ...
 - coordination of research and development activities at Partner States Level, most especially in training institutions (universities, TVET).

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Opportunities for scaling up access to modern and clean energy

i) EAC Industrial Strategy, 2012-2032 : the energy sector offers industrial opportunities (with Biogas/fuel, Ethanol, Solar, Geothermal, Hydro-electric, Thermal etc.)

- Industrial feasibility: Energy, ranked second areas, after agri-processing;

- Industrial attractiveness: Energy, ranked sixth areas, after agri-processing, fertilizers and agro-chemicals, pharmaceuticals, petrochemicals and gas, mineral processing.

ii) Establishment of the EA-Centre of Reference for Renewable Energy and Energy Efficiency (at Makerere University);

iii) EASTECO action to facilitate and support technology adaptation and innovation

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EASTECO Relevant Targets with direct/indirect link with energy sector

- ***knowledge & Skills development:***

- Promote Training in SMET;
- Coordinate & Facilitate Collaborative R&D.

- ***Technological Innovation and Industry Development:***

- Evaluate and promote technology choices for public and private sector investment i) in processing, conservation and distribution of agricultural products (*for 2016/17*); ii) in energy solutions (*next stage*);
...
- Promote and support the establishment of regional Centers of Excellence (for technological innovation, technology transfer);
- Facilitate and support partnerships between Universities - Public Research & Development institutions - Private (industrial and manufacturing).

Thank you
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