



NEPAD Agency Interventions and Cumulative Results

Information as at 31 December 2016

SOUTHERN AFRICAN DEVELOPMENT COMMUNITY (SADC)

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1. NATURAL RESOURCES GOVERNANCE AND FOOD SECURITY

Comprehensive Africa Agriculture Development Programme (CAADP)

The Agency provided technical support to EAC and SADC Member States to design, negotiate and implement **Tax policies in the Extractives Industries** through a regional training to senior government officials from mining and financing ministries

Food and Nutrition Security

A Food and Nutrition Security Knowledge and Information Sharing Platform was established. The platform is used for sharing experiences in the implementation of nutrition nutrition initiatives, and also hosts a Community of Practice on M&E.

Climate Change Fund

The NEPAD Agency supported SADC and its Member Countries South Africa, Zambia, Tanzania, Namibia, and Botswana in the areas of policy, training, capacity development, awareness creation, research, and knowledge management.

2. REGIONAL INTEGRATION, INFRASTRUCTURE AND TRADE

Africa Power Vision

Hydro – Batoka Gorge Hydropower Project

Project Status: The detailed feasibility studies, market study, techno-economic study, as well as the environmental and social impact assessments were completed. The expected duration for construction is 6 years.

Presidential Infrastructure Champion Initiative (PICI)

Project: Unblocking Political Bottlenecks for ICT Broadband and optic fibre Projects Linking Neighbouring States

Project Status: The project involves the use of political gravitas and goodwill to unblock and

facilitate political bottlenecks affecting the implementation of ICT broadband and optic fibre projects on the continent. The optic project connections were completed in 2013, and subsequently five EAC countries are now interconnected and linked to the sub-marine cables at Mombasa and Dar-es-Salaam. H.E. President Kagame is now providing leadership on the ICT broadband connections.

Construction of Navigational Line between Lake Victoria and the Mediterranean Sea

Project Status: This project has various components focusing on water management and intermodal transport. Egypt has successfully completed the pre-feasibility study as per the original schedule, and provides the impetus and as well serves as a good benchmark for preparation of other PICI projects.

Kinshasa-Brazzaville Bridge Road/Rail Project

Project Status: In December 2013 the Maloukou Trechot site was selected as the best location for the rail/road bridge crossing. The first phase of the study has been completed.

Project: Dakar-Ndjamena-Djibouti Road/Rail Project

Project Status: The Dakar-Bamako Rail Project has been prioritised by the Government of Senegal as the first phase of the Project. It entails the construction of a new railway network with standard gauge, running from Dakar-TambacoundaKedougou (in Senegal) - Keniebu-Bamako-Bougouni-Sikasso (in Mali) - Bobo Dioulasso (in Burkina Faso). The project was featured as one of the bankable PIDA projects during the Dakar Financing Conference that was held in June 2014. The West African Economic and Monetary Union (WAEMU) will finance all technical studies, whilst the project implementation phase is expected to start before 2018.

Programme for Infrastructure Development in Africa (PIDA)

The NPCA has deployed technical experts at 5 RECs (**SADC, ECA, ECOWAS, COMESA, CCTTFA and IGAD**) and two experts at NPCA (ICT and Energy experts). This, in line with the objective that seeks to build capacity at the RECs to accelerate PIDA PAP. NEPAD has finalised implementation arrangements of PIDA CAP with 5 RECs

Through the **PIDA CAP project**, the Agency supported EAC, ECOWAS, SADC to validate Project Pipeline and develop roadmaps for the implementation priority PIDA projects.

PIDA Projects in SADC:

- **Project: Zambia-Tanzania-Kenya (ZTK)**

Project Status: The Government of Zambia and SADC, with the support of the NEPAD Agency are

fast-tracking Zambia-Tanzania-Kenya (ZTK) Power generation Transmission Project. An Inter-Governmental Memorandum of Understanding (IGMOU) which provides for a framework under which the project should be developed is in place. Phase one (Kenya-Tanzania component) is in its final stages of completion, while phase two (Tanzania-Zambia component) will be commissioned by December 2018. Completion of this project will expand and strengthen power markets on the continent as it will link Eastern Africa Power Pool and Southern Africa Power Pool.

- **Project: Beira and North South Corridor Multimodal Development Corridor**

Project Status: Work on the pilot on Beira North South Corridor (NSC) based on lessons learnt from the Central Corridor Transit Transport Facilitation Agency (CCTTFA). In that regard, SADC and NPCA convened a Task Force, Senior Officials and Ministerial Meetings from 30th May to 3rd June 2016 to prepare legal frameworks and a detailed road map for that will outline the acceleration process including identification, prioritization consideration and endorsement by the Ministers on 3 June 2016. Thereafter, the projects were showcased after packaging at a High Level investor Forum in October.

- **Dar es Salaam Port Expansion (DFS)**

Project Status: Port Master Plan completed in early 2000's. Feasibility for the modernization of berths 1-7 completed. Expression of Interest (EOL) released in June 2013 for packaging works, including construction. EOL released in October 2013 for PPP and transaction advisory. Request for proposal (RFP) postponed in late 2014.

- **Serenge-Nakonde Road (T2) (DFS)**

Project Status: The economic analysis was done in 2012/2013 by the University of Birmingham. The final design reports and bidding documents for the three sections were expected to be available in November 2013.

- **Lusaka-Lilongwe ICT Terrestrial Fibre Optic (DFS)**

Project Status: Planned construction commencement year is 2015. Expected construction duration is 0.75 years. Issue of operations and maintenance funding: resolved. Technical studies: Partially completed. Governance, management and structure: Needs identified. Part of the Malawi Fibre Optic Network Plan.

3. INDUSTRIALISATION, SCIENCE, TECHNOLOGY AND INNOVATION

African Science Technology and Innovation Indicators (ASTII)

- **SADC Framework on STI surveys and indicators:** A draft SADC Framework on STI surveys and indicators was adopted by representatives of SADC member states. NEPAD and African Observatory on Science, Technology and Innovation (AOSTI) were identified as member institutions of the SADC STI Technical Reference Group to support the implementation of the Regional Indicative Strategic Development Plan (RISDP (2015-2020)).
- **SADC Innovation Outlook:** The SADC Innovation Outlook report (also called SADC STI indicators report) was published as part of the consolidated SADC Statistic Yearbook.
- A country-support mechanism to facilitate countries in collecting STI indicators was established, with the **SADC** Secretariat, NEPAD Agency and AOSTI as key actors.

African Medicines Regulatory Harmonisation (AMRH)

The African Medicines Regulatory Harmonisation (AMRH) Programme is currently being implemented in SADC. **A tripartite agreement** between the NEPAD Agency, the World Bank and SADC Secretariat was concluded. The agreement purposes to provide financial and technical support to the SADC Member States for implementing their regional medicines regulatory harmonization programme. Initial support of USD 500 000 was secured for the programme, while development of a full funding proposal is underway.

AU Model Law on Medical Products: A critical model law for regulation of medical products was endorsed by African Heads of State and Government at the January AU Summit 2016 in Addis Ababa, Ethiopia. The model law will accelerate the regulation of safety, quality and efficacy medical products and technologies on the continent. Its objective is to ensure that medical products are of the required quality, safety and that they are properly manufactured, stored, distributed and dispensed. Better regulation will also ensure that health professionals and patients have the necessary information to enable them to use medicines rationally, as well as detect illegal manufacturing and trade of medicines. SADC countries including Lesotho, Zimbabwe, Seychelles, Swaziland, and United Republic of Tanzania (Zanzibar) have used the AU Model Law to review their existing laws.

A scheme for collaboration between Zambia, Zimbabwe, Botswana and Namibia (ZAZIBONA) which started in 2013, has resulted in joint assessments and inspections of manufacturing sites.

Subsequently, SADC Regulators Forum endorsed the implementation of AMRH Programme using the ZAZIBONA approach. To date, 105 products have been reviewed under ZAZIBONA Scheme, with subsequent registration of a total of 28 products in **Botswana** (25), **Namibia** (13), **Zambia** (11) and **Zimbabwe** (20). While fourteen (14) products were recommended for non-registration, 61 are pending responses from manufacturers.

The **SADC** guidelines for registration of medicines and the common technical document format are aligned to the **EAC** Model. This has been achieved through a collaborative framework between SADC Secretariat, NEPAD, World Bank, and WHO.

Expert Working Group on Standards for Good Manufacturing Practice: A continental Expert Working Group on standards for good manufacturing practice (GMP) was inaugurated in May 2016 with a view to take stock of the existing plans and alignment of national and regional approaches in line with the African Medicines Regulatory Harmonization Framework and the Pharmaceutical Manufacturing Plan for Africa (PMPA). Subsequently, **EAC, SADC ECOWAS** have embarked on implementation of innovative national and regional certification schemes for GMP compliance by manufacturers. These include government mechanisms for protection and incentivizing local manufacturers to ensure sustainability of supply of medical products while at the same time complying with universal GMP standards through regional harmonization of standards.

NEPAD Water Centers of Excellence

In 2016, the AU/NEPAD **SANWATCE** launched the “AU/NEPAD SANWATCE WARFSA aligned Research Grant”, providing 10 bursary opportunities for post-graduate researchers from the AU/NEPAD member institutions to conduct research that are aligned with the SADC Water Research Agenda. The value of the funding is 180 000 ZAR per institution over a two year period, and include a 30 000 ZAR conference grant to present research findings in the second year

The SANWATCE further supported four students from member institutions to attend the annual WaterNet/WARFSA/GWP-SA symposium in 2016, which was held in Gaborone, Botswana. The AU/NEPAD SANWATCE further supported the conference registration fees of ten students at the symposium, through the Local Organizing Committee.

Southern African Network for Biosciences (SANBio)

SANBio is a NEPAD Agency Centre of Excellence on Health and Nutrition, initially formed under the AU Consolidated Plan of Action (CPA) and recently reconfigured to effectively implement the Science, Technology and Innovation Strategy for Africa (STISA-2024).

The profile of biosciences in the southern Africa region were enhanced through the NEPAD Southern Africa Network for Biosciences (SANBio). This was possible with funding support of €7.0 million and €2.5 million equivalent received from the Government of Finland and the Government of South Africa, respectively.

Research, Development & Innovation: Mushroom capsules have been developed as food supplements in Namibia at the Mushroom Node, hosted by the Zero Emission Research and initiatives at the University of Namibia.

More than 500 farmers have been trained through the SANBio Mushroom Node in Swaziland, Malawi and Namibia on quality control in production of mushrooms, and technoparks have been established to support the communities.

Capacity Building; Improving Community Livelihoods through R, D & I in controlling vector-borne diseases project enrolled four MSc students; two at the University of Zambia and two at the University of Zimbabwe in the field of biosciences.

Regional Projects Funded by SANBio: 8 projects with the involvement of 60 Scientists. Projects titles: 1. Scientific Validation of Traditional Medicines for Affordable Treatment of HIV and HIV opportunistic infections (CSIR, South Africa), 2. Microbicides for HIV Infections Control (CSIR, South Africa), 3. Technology Transfer on Mushroom Farming for Food Security and Health (University of Namibia, Namibia), 4. Fish Biodiversity of Inlands Rivers of Southern Africa (Lilongwe University of Agriculture and Natural Resource, Malawi), 5. Capacity Building Programme in Bioinformatics for the Southern Africa Region (University of Mauritius, Mauritius), 6. Capacity Building Programme on Integrating Indigenous Knowledge System in Biosciences in Southern Africa (North-West University, Mafikeng Campus, South Africa), 7. Improving Community Livelihoods through R, D & I in controlling vector borne diseases(National Institute of Scientific & Industrial Research/ University of Zambia, Zambia), 8. Enhancement of Capabilities of Gene Banking facilities in Southern Africa (SADC Plant Genetic Resource Centre, Zambia).

The SANBio Hub, Council for Scientific and Industrial Research and National Food Technology Research Centre also intend to work together towards providing training and capacity building support to communities in agro-processing, post-harvest technologies and development of processes and

products. The two institutes will also be involved in the development and implementation of quality management systems which will promote technical proficiency.

In collaboration with the Department of Science and Technology (DST), the NSTF, the SANBio IKS node hosted an international conference on IKS at the Birchwood Hotel, Gauteng, from 17 to 20 April 2013. The theme of the conference was “The value of IK in the 21st century. Participants were not only from the SADC region but the whole Continent and the world at large. Eighteen (18) manuscripts were received from the participants and are being processed for publication. The IKS node participated in the research Niche area on Food Security and Safety in the North West province and implemented province-wide surveys on the production, utilisation and economic value of indigenous food crops for household food security. The node also undertook a survey of the indigenous plants used for food and medicine by communities in the North West province.

4. SKILLS AND EMPLOYMENT FOR YOUTH

Agriculture Technical Vocational Education and Training (ATVET)

SADC was sensitised on the implementation of Agricultural Education and Skills Improvement Framework (AESIF). The SADC and EAC workshop was attended by seven countries at Kigali on 6-8 Sept 2015.

Capacity Development

A targeted analysis and collation of the immediate short-term capacity interventions required by five (5) AU RECs, namely, COMESA, EAC, ECOWAS, IGAD and SADC was undertaken. Subsequently, the IGAD Capacity Development Strategy was developed in alignment with the IGAD 2016-2020 Regional Development Strategy, CD Strategy and Agenda 2063.

