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Resume of Professional Experience, Education, Awards won and Publications

Fred Kabagambe-Kaliisa is the Permanent Secretary of the Ministry of Energy and Mineral Development in the Government of Uganda. He has been Permanent Secretary since 1997 and has worked for the Government of Uganda for over 38 years having joined the Uganda Public Service in April 1976.

As Permanent Secretary, his main task is to promote the development of Uganda's energy, oil & gas, and mineral resources and ensure sustainable exploitation of the resources. Dr. Kabagambe-Kaliisa is therefore active in the formulation of key energy, oil & gas, and mineral sector policies, legislation and investment programs; and negotiations of agreements and contracts, all of which have helped to create a conducive environment for investment in the country's energy, oil and gas, and mineral sectors.

Dr. Kabagambe-Kaliisa is a key designer and implementer of Uganda's successful Petroleum Exploration Promotion Program, and the Rural Electrification Strategy and Plan as well as the new plan for the supply of adequate power to the country in the short, medium and long term, and the mineral investment promotion

program. He has been the lead negotiator of nine (9) Production Sharing Agreements for Petroleum Exploration, Development and Production; four of which have led to the discovery of twenty one (21) oilfields in Uganda with an asset base of over 6.5 billion barrels of oil in place. At the moment he is leading the Government Team which is promoting and packaging the development of a crude oil refinery in Uganda, the crude oil export pipeline from Uganda to the East African Coast, the construction of large hydropower projects (Karuma, Isimba and Ayago), development of Sukulu Phosphate deposit and the formation of the Petroleum Authority of Uganda and the National Oil Company.

Recently he led professional teams in Uganda which designed and formulated The Rural Electrification Strategy and Plan, 2013 – 2022, The Petroleum (Exploration, Development and Production) Bill, 2012, The Petroleum (Refining, Gas Processing and Conversion, Transportation and Storage) Bill, 2012, and The National Oil and Gas Policy for Uganda, 2008. In the past he spearheaded the formulation of Uganda's Renewable Energy Policy, 2007, The Energy Policy for Uganda 2002, The Mineral Policy of Uganda 2001, The Rural Electrification Strategy and Plan (2001 – 2010), The Electricity Act, 1999, The Mining Act, 2003 and The Petroleum Supply Act, 2003 of Uganda.

Dr. Kabagambe- Kaliisa has in the past played a central role in the reform of Uganda's electricity industry focusing on industry regulation and private sector participation. The team he led has since 2007 repackaged the development of Bujagali hydropower project (250MW) which reached commercial operations 2012, the development of several renewable energy power generation projects like the Bugoye (13MW),Nyagak (3.3MW),Mpanga (18MW), Ishasha(6MW),Buseruka/Kabalega(9MW),cogeneration power plants , and other important public-private partnerships in power distribution, rural electrification and renewable energy development. These efforts have resulted into Direct Foreign

Investments (DFIs) of US\$ 1.50 billion over the last 7 years in the power sector in Uganda and stabilization of power supply in Uganda.

In the mining sector, Kabagambe – Kaliisa initiated an extensive geodata acquisition program covering 80% of Uganda through airborne geophysical surveys, ground geophysical, geochemical and geological mapping which was financed by the World Bank, African Development Bank, the Nordic Development Fund, and the Government of Uganda. The work done has substantially increased iron ore, gold, vermiculite and limestone/marble reserves in Uganda and has discovered over 18 mineral targets ranging from base metals to rare earths and industrial minerals in addition to over 30 Uranium targets in Uganda.

Dr. Kabagambe–Kaliisa obtained his Bachelor of Science (Hons) Degree in Geology and Chemistry from Makerere University in Kampala, Uganda in 1976; a post-graduate Diploma in Mineral Exploration from the University of Mining and Metallurgy in Leoben, Austria in 1980; a Master of Science Degree in Petroleum Geology from the University of Aberdeen in the United Kingdom in 1987; Studied Management and Economics at Duke University, USA in 1992 and is a Certified Regulation Specialist of the Institute of Public Private Partnership and Loughborough University.

The United Graduate College and Seminary International of Tennessee, USA awarded Dr. Kabagambe-Kaliisa The Honorary Degree of Doctorate of Philosophy in Humanities in November, 2014.

Upon graduation, Dr. Kabagambe–Kaliisa became a Geologist for the Uganda Government with the Department of Geological Survey and Mines and in the early years of 1976 to 1982, he discovered and evaluated the Kibuuku gypsum deposit in Semliki Area, Western Uganda; the Dolomitic marble deposits in Moyo in

Northern Uganda; a poly-metallic ore deposit in Mugabuzi, in South Western Uganda; and appraised the Sukulu phosphate deposit in Eastern Uganda among other works. In 1983/84 Dr. Kabagambe-Kaliisa became the Project Coordinator of Uganda's successful Petroleum Exploration and Promotion Project and later rose through the professional ranks to become the first Commissioner of Petroleum Exploration and Production Department in 1991 and in 1994 rose to the post of Director Energy and Mineral Development. In 1997 he became the Permanent Secretary for the Ministry of Natural Resources, which was later restructured into the Ministry of Energy and Mineral Development.

In addition to his duties as Permanent Secretary for the Ministry of Energy and Mineral Development, Dr. Kabagambe-Kaliisa serves as Chairman of the Rural Electrification Board; Chairman of the Advisory Committee for the Production Sharing Agreements in the country; a Co-Chairman of the Joint Coordination Commission of the Kenya-Uganda Oil Pipeline Development Program. Previously, he was a Member of the External Advisory Board of Texas A & M University, USA; the Chairman of Kasese Cobalt Company; and a member of the Executive Committee of the Uganda National Council for Science and Technology.

Dr. Kabagambe-Kaliisa is a member of the American Association of Petroleum Geologists, a Member of Society of Petroleum Engineers, an associate Member of the Society of Exploration Geophysicists and served for a long time as a Patron of the Geological Society of Uganda.

The King of Bunyoro Kitara Kingdom (Uganda) bestowed upon him the highest Honour of Omujwarakondo in 2007 and His Excellency Yoweri Kaguta Museveni, the President of Uganda awarded Dr. Kabagambe-Kaliisa in 2006 a Certificate of Special Recognition for his contribution towards the discovery of oil in Uganda. The President later decorated him with the DISTINGUISHED SERVICE

ORDER OF THE NILE CLASS I in May 2012. In February, 2013 President Jakaya Kikwete of The Republic of Tanzania granted The Outstanding Achievement Award to Kabagambe - Kaliisa in appreciation for his pioneering the establishment of The East African Petroleum Conference and Exhibition. In February 2003, H.E. Yoweri Kaguta Museveni, the President of the Republic of Uganda and Chairperson of the summit of East African Community Heads of State awarded a Certificate of Recognition to Dr. Kabagambe –Kaliisa for pioneering the Establishment of the East African Petroleum Conference and Exhibition in 2003.

Dr. Kabagambe-Kaliisa was awarded the Pearl of Africa Lifetime Achievement Award of the **BEST CIVIL SERVANT OF THE YEAR 2013** in Uganda and a Certificate of Special Recognition of the **VISIONARIES OF UGANDA AWARD** on 5th December, 2013 and he was awarded **THE AFRICA LEADERSHIP AWARD WINNER 2014** for Exemplary and selfless contribution towards the Energy Sector (Personality) under a function presided over by His Excellency President Yoweri K. Museveni in November 2014.

Dr. Kabagambe – Kaliisa was honoured as a visionary in recognition of the outstanding contribution towards the social and economic transformation of Uganda and was presented with a Certification of Special Recognition on 5th December, 2014 by the Rt. Hon. Dr. Ruhakana Rugunda, Prime Minister of Uganda.

Dr. Kabagambe – Kaliisa has authored several publications and has been a lead contributor and editor of several policy documents and Sectoral Bills in Uganda. The list of Publications is attached herewith.

Dr. Kabagambe-Kaliisa is married and has three sons.

F. A. KABAGAMBE–KALIISA

BSc (Hons), Dip. Min. Expl., MSc, PhD, MAAPG, MSPE, CRS

May, 2015

LIST OF PUBLICATIONS AND DOCUMENTS

A. Professional Publications

1. Kabagambe-Kaliisa F.A. (1976). A review of Kaolia Occurences in Uganda. UGSMD Unp Rep No. FAKK/1.
2. Kabagambe-Kaliisa F.A. (1976). Evaluation Report of Anzaaya Asbestos Prospect. UGSMD Unp. Rep. No. FAKK/2.
3. Kabagambe-Kaliisa F.A. (1976). Lunyenye hill Kaolin deposit, Madi district. UGSMD Unp.Rep. No. FAKK/3
4. Kabagambe-Kaliisa F.A. (1978). A detailed geological mapping and evaluation of Kibuku Gypsum deposit. UGSMD Unp. Rep. No. FAKK/4
5. Kabagambe-Kaliisa F.A (1978). Economic potential of the Carbonate rocks in the neighbouring of Gweri hills, near Moyo. UGSMD Unp. Rep. No. FAKK/6.
6. Kabagambe-Kaliisa F.A. (1980) et al. Report on geological and geochemical evaluation of Mugabuzi hill polymetallic mineral occurrence. UGSMD Unp. Rep. No. FAKK/11.
7. Kabagambe-Kaliisa F.A (1981). Nyaituma iron ore exploration, Masindi district. UGSMD Unp.Rep. No. FAKK/10
8. Kabagambe-Kaliisa F.A; Akengo J.L (1985). Evaluation Report of Masese stone quarry, Jinja. UGSMD Unp. Rep. UGSMD
9. Kabagambe-Kaliisa F.A. (1988). Possible source of Pozzoland in Uganda. A paper presented at Commonwealth workshop, Makerere University Kampala. UGSMD Unp. No. FAKK/14.
10. Kabagambe-Kaliisa F.A. et al (1989). Mineral Exploration and Appraisal in Uganda. In Records of the Geological Survey and Mines Department of Uganda. Government Printer Publication.

11. Kabagambe-Kaliisa F.A. (1989). The Sukulu Phosphate Deposits, South-Eastern Uganda in World Phosphate Deposits (A.J.G. Noeholt, ed) Cambridge University Press Vol. 2 p.184-198.
12. Kabagambe-Kaliisa F.A. (1987) Sedimentological and Reservoir Evaluation of the Lower/Middle Jurassic Sandstone Reservoirs in well 11/30-2 of Bettrice Oil Field, North sea. Msc Thesis, University of Aberdeen CAD paper.
13. Kabagambe-Kaliisa F.A. Katto. E (1990). A geological and economic evaluation of the rock formation on plot 3318, block 224, Muyenga hill, Kampala as a construction and building material. UGSMD Unp. Rep.
14. Kabagambe-Kaliisa F.A. (1994). Inspection Report of Mining and Mineral Exploration Activities in Tororo and Mbale Districts. DE&MD Unpub. Rep. DEM/GS/1.
15. Kabagambe-Kaliisa F.A., (1994). Inspection Report on Mining and Mineral Exploration Activities in Rakai, Mbarara, Ntungamo, Bushenyi, Kasese and Bundibugyo Districts. DE&MD Unpub. Rep. DEM/GS/2.
16. Kabagambe-Kaliisa F.A., (1995). Inspection of Mineral Exploration Activities in South Western Uganda. DE&MD Unpub. Rep. DEM/GS/3.
17. Kabagambe-Kaliisa F.A. (1995). Field Inspection of Owen Falls Extension. DE&MD Unpub. Rep. DEM/DE/1.
18. Kabagambe-Kaliisa F.A, (1995). Review of the Mineral Sector in Uganda through the nineties: Policies, strategies, mineral production and exploration programmes: Paper presented at the major policy and strategy conference on African Mineral Resources and Energy Development Accra, Ghana 14-23 November, 1995.
19. Kabagambe-Kaliisa F.A, (1996). Report on Raw Materials for Cement Manufacture in Uganda DE&MD Unpub. Rep. DEM/G/1.
20. Kabagambe-Kaliisa F.A. (1996). Inspection Report of Hima Cement Works and Kilembe Mines Ltd. Unpub Rept. No. DEM/GS/4.

21. Kabagambe – Kaliisa F.A (2003). Licensing Regime and Investment Opportunities for Petroleum Exploration in Uganda: in the Proceedings of the 1st Conference on the Petroleum Potential and Investment Opportunities in East Africa. Published by East African Community Secretariat, EAC, Arusha, 2003.
22. Kabagambe – Kaliisa F. A. (2005). Petroleum Legal and Fiscal Regimes: in Uganda in the Proceedings of the 2nd Conference on the Petroleum Potential and Investment Opportunities in East Africa. Published by East African Community Secretariat, EAC, Arusha, 2005.
23. Kabagambe – Kaliisa F. A (2009). Overview of the National Oil and Gas Policy for Uganda: in the Proceedings of the 4th Conference on the Petroleum Potential and Investment Opportunities in East Africa. Published by East African Community Secretariat, EAC, Arusha, 2009.
24. Kabagambe – Kaliisa F. A. (2011). Uganda's Emerging Oil and Gas Sector: in the Proceedings of the 5th East African Petroleum Conference and Exhibition (EAPCE 2011). Published by East African Community Secretariat, EAC, Arusha, 2011.
25. Kabagambe – Kaliisa F. A. (2013). Development in Uganda's Emerging Oil and Gas Sector: in the Proceedings of the 6th East African Petroleum Conference and Exhibition (EAPCE 2013). Published by East African Community Secretariat, EAC, Arusha, 2013.
26. Kabagambe – Kaliisa F. A. (2014). Investment Opportunities in the Mineral Sector in Uganda. Paper presented at the 18th China International Fair Investment and Trade; Sino – Uganda Business and Investment Forum 2014, Xiamen, China.
27. Kabagambe – Kaliisa F.A. (2015). Status of the Oil and Gas Sector in Uganda and the Investment Opportunities. Paper presented at the 7th East African Petroleum Conference and Exhibition (EAPCE'15), Kigali, Rwanda.

B. As Lead Specialist and Major Contributor of Sectoral Documents

1. Petroleum Exploration and Production (conduct of Exploration operations) Regulations. Published by Government Printer 1993.

2. The Hydrocarbon Potential of the Albertine Graben of Uganda – Promotional Brochure published by Petroleum Exploration and Production Department, 1993.
3. Uganda Power Sector Reform Strategic Plan, 1999.
4. The Electricity Act, 1999.
5. The Rural Electrification Strategy and Plan 2001 – 2010.
6. The Mineral Policy for Uganda, 2001.
7. The Energy Policy for Uganda, 2002.
8. The Mining Act, 2003.
9. The Petroleum Supply Act, 2003.
10. The Renewable Energy Policy for Uganda, 2007.
11. The Atomic Energy Act, 2008.
12. National Oil and Gas Policy for Uganda, 2008.
13. The Petroleum (Exploration, Development and Production) Act, 2013.
14. The Petroleum (Refinery, Conversion, Transmission and Midstream Storage) Act, 2013.
15. Annual Reports, Ministry of Energy and Mineral Development, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 and 2012.