

	<p align="center">THE 29TH AFRICAN HYDRO SYMPOSIUM</p> <p align="center"><i>Quality Power for Sustainable Development in Africa</i></p> <p align="center">8th to 10th October 2019</p> <p align="center">Sunbird Mount Soche Hotel, Blantyre, Malawi</p>	 <p align="center">Generating Power for Generations</p>
GENERAL PROGRAMME FOR THE 29th AFRICAN HYDRO SYMPOSIUM		

DAY 0: MONDAY, 7th OCTOBER 2019	
07:30 – 17:00	Arrival of Delegates
17:00 – 18:30	Registration
18:30 – 20:00	Meet and Greet
DAY 1: TUESDAY, 8th OCTOBER 2019	
08:00 – 09:00	Registration
09:00 – 09:10	Welcoming Remarks (AHS Secretariat)
09:10 – 09:20	AHS Flag Presentation to EGENCO CEO
09:20 – 09:30	Speech by EGENCO CEO, Mr. William Liabunya
09:30 – 09:40	Speech by EGENCO Board Chair, Mr. Llyod Muhara
09:40 – 09:50	Official Opening by the Honorable Minister of Natural Resources, Energy and Mining, Mr. Bintony Kutsaira
09:50 – 10:15	Keynote address <i>Quality Power for Sustainable Development in Africa: Opportunities and Challenges</i> — Eng. Kaela K. Siame, Director KGRTC
10:15 - 10:25	29TH AHS GROUP PHOTOGRAPH
10:25 – 10:45	Health Break
PAPER PRESENTATIONS	
10:45 – 11:45	Theme 1: Technological and Functional Reforms 1.1 <i>Are Africa Hydro Power Utilities Ready for Industrial Revolution 4.0 on Additive Manufacturing: Case Study of KenGen, Kenya</i> -- James Muriithi Gitonga , KenGen, Kenya 1.2 <i>Actual and Potential Gains of Power Market Reforms in Malawi</i> — Dad Chinthambi, EGENCO, Malawi 1.3 <i>Adopting Quality Management System in Hydropower Management</i> -- Daniel Dube Tembo, EGENCO, Malawi 1.4 <i>Small Hydro Power & Grid Code compliance in Africa</i> -- Jimmy Goulding, Aurecon, South Africa
11:45 - 12:00	PLENARY
12:00 – 13:30	Lunch
13:30 – 14:00	Motivational Talk, Dr Matthews Mtumbuka
14:00 – 14:10	ANDRITZ Presentation
14:10 – 15:10	Theme 2: Feasibility Studies for New Plants 2.1 <i>Development of Shire River- Republic of Malawi</i> -- Ivan Vuckovic, Fichner, Germany 2.2 <i>Exploiting Malawi's Hydropower Potential</i> -- Jacob Phiri, EGENCO, Malawi 2.3 <i>Harnessing the full Hydro Power potential of Kafue River:</i>

	<i>Development of the Kafue Gorge Lower Power Plant--David Hibajene & Mahaku Maloza, KGLHPP, Zambia</i> <i>2.4 Prefeasibility Studies for Luapula Hydropower Cascade—Ntokozo Nkiwane</i>
15:10 – 15:25	PLENARY
15:25 – 15:40	Health Break
15:40 – 16:25	Theme 3: Environmental and Social Management <i>3.1 Climate Change and Hydropower Generation--Lawrence Chilimampungu, EGENCO, Malawi</i> <i>3.2 Community Engagement: Forgotten Aspect in Land Acquisition and Plant Management--Mzati Nkolokosa, EGENCO, Malawi</i> <i>3.3 Technical and Stakeholder Issues in the Process of Road Access Opening of a Greenfield Hydropower Site in Rural Areas: The Case of Mabula Kapi Small Hydropower Project--Dean Musukwa, KGRTC, Zambia</i>
16:25 - 16:55	Theme 4: Erection and Commissioning of New Units <i>4.1 Erection and Commissioning Challenges of Upgraded Plants: The Case of Nkula A HPP Rehabilitation and Modernisation--Gift Kishindo, EGENCO, Malawi</i> <i>4.2 Upgrading Tana Power Station for Improved Plant Availability--Patrick Mwangi Muriithi, KenGen, Kenya</i>
16:55 – 17:10	PLENARY
	END OF DAY
19:00 – 21:00	DINNER- Mount Soche
DAY 2: WEDNESDAY, 9th OCTOBER 2019	
09:00 – 10:15	Theme 5: Management of Plant Performance <i>5.1 EUL on Management of Plant Performance-Luvuyo Feni & Elias Tunguta, Eskom, Uganda</i> <i>5.2 Rehabilitation, Modernization and Upgrading of Tedzani III Hydro Power Plant--Ousmane Selemeni, EGENCO, Malawi</i> <i>5.3 Effective Intake Operations A Cheaper Way to Minimize Power Outages--Cecil Juma and Smarton Banda, EGENCO, Malawi</i> <i>5.4 Implementation of Dredge Operations at Kapichira--Patrice Munthali, EGENCO, Malawi</i>
10:15 – 10:30	PLENARY
10:30 - 10:50	Health Break
10:50 – 12:05	Theme 6: Hydro Plant Operations, Performance Indicators and Operating Systems <i>6.1 Cyber Vulnerability on SCADA DCS Systems--Stephen Gesimba, KenGen, Kenya</i> <i>6.2 Mitigation of Intermittent Power in Kenya--Kibet Kiptoo, KenGen, Kenya</i> <i>6.3 Benefits and Challenges of Hydropower Plant Upgrades, Refurbishments and Modernization: The Case of Nkula A--Tamandani Nkhoma, EGENCO, Malawi</i> <i>6.4 Usefulness of Liwonde Barrage in Hydro Power generation in</i>

	<i>Malawi-Tony Nyasulu, Ministry of Agriculture, Water Development and Irrigation, Malawi</i>
12:05- 12:20	PLENARY
12:20– 12:30	Toyota Malawi Presentation
12:30 – 14:00	Lunch
14:00 – 14:30	Motivational Talk, Dr. Mary Mkandawire
14:30 – 15:00	Theme 7: Hydropower Plant Maintenance Practices, Upgrades, Refurbishments and Fitting <i>7.1 Refurbishment of Generating Units and Auxiliaries at HPP Kamburu in Kenya: Challenges and Successes--Kaleb Stipan, Koncar, Croatia</i> <i>7.2 Understanding Capacity Building and Career Development– Jemima Kariri, Jeyax, South Africa</i>
15:00 – 15:10	PLENARY
15:10- 15:30	Health Break
15:30 – 16:30	PANEL DISCUSSION “With prevailing hydrological risk, is continued investment in hydropower generation a solution to Quality Power for Sustainable Development?”
16:30 – 17:30	Closing Ceremony
19:00 – 21:00	GALA DINNER- Ryalls Hotel
DAY 3: THURSDAY, 10th OCTOBER 2019	
06:00 – 17:00	Technical Excursion, Tedzani Hydropower Station
19:00 – 21:00	COCKTAIL- Mount Soche
DAY 4: FRIDAY, 11th OCTOBER 2019	
06:00 – 18:00	Departure of Delegates