

National framework Strategy of biofuel- Sudan Experience

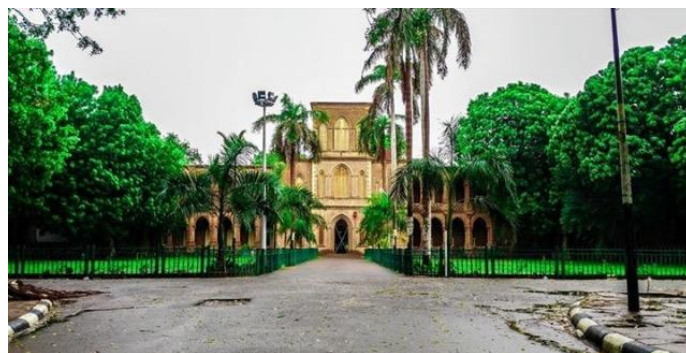


Hana Hanahamadalla
Higher Council for Environment and Natural Resources, Sudan.

Abstract

The production and use of biofuels have entered a new era of global growth, with both the scale of the industry and the number of countries involved reaching unprecedented levels. Investments in biofuels production are being driven by a variety of factors, that include the development of more efficient conversion technologies, the introduction of sound new government policies, growing international trade and of course, the rising price of oil, concern for future energy supplies and climate change have led to growing interest in the use of biomass for energy purposes. Several studies have shown the potential for liquid biofuel production on the African continent. Sudan has favorable growing conditions, and the availability of land, water and labor that may contribute considerably to the biofuel production potential. Sudan government defined the necessary to develop their own national biofuel strategy framework to guide biofuel investments and production in the country. Sudan identified Barriers and risks that may face the biofuel production and also identified many steps to develop its national strategy of biofuel to enhance the production of the biofuel at national level; Sudan prepared a pilot project to use it as a mode of learning by doing.

Case study undertaken as pilot project, National E10 Project which uses ethanol as a gasoline additive to increase octane number and reduce vehicle emissions. The first Sudanese pilot project, the joint venture project between Kenan Sugar (KSC) and Nile Petroleum Company. The project, which will mix gasoline with 10 per cent of ethanol, is located in Kennan premises at the White Nile State.



Biography:

Hana has completed her PhD at University of Khartoum in 2010, occupied different positions:
Assistant Professor - Senior Researcher at Higher Council for Environment & Natural Resources.
General Director of the Environmental Affairs and General Director of Climate Change Directorate - Ministry of Environment Natural Resources & Physical Development..
Sudan's Forests National Corporation (FNC) in various parts at States and its Departments.
UNFCCC Expert Reviewer of Climate Change National Communication/Biannual/ Biannual update Reports for Developed and developing Countries respectively.
Chair of the Least Developed Countries Expert Group at United Nations Framework Convention on Climate Change (UNFCCC), 2017.

[14th International Conference on Biofuels and Bioenergy](#); Webinar – June 22-23, 2020.

Abstract Citation:

Hana Hanahamadalla, National framework Strategy of biofuel- Sudan Experience, Biofuels 2020, 14th International Conference on Biofuels and Bioenergy; Webinar – June 22-23, 2020.

<https://biofuels.conferenceseries.com/abstract/2020/national-framework-strategy-of-biofuel-sudan-experience>