

Download logo Angola's national concessionaire and regulator the National Oil, Gas and Biofuels Agency (ANPG) is preparing to launch a 2025 licensing round - offering ten blocks for exploration in the Kwanza and Benguela basins - in Q1 of next year. The country has also opened its first-ever marginal fields for exploration, aiming to minimize [...]

The project consists of the design of and investment in a "catalytic" tranche in the Africa Renewable Energy Fund II (AREF II or the Fund) to support the mobilization of private investors and sustain capital flows for energy access and climate action in Africa. AREF II is a 10-year closed-ended renewable energy Private Equity Fund with a USD 300 million target ...

Citation: IRENA (2017), Biofuel Potential in Sub-Saharan Africa: Raising food yields, reducing food waste and utilising residues, International Renewable Energy Agency, Abu Dhabi. About IRENA The International Renewable Energy Agency (IRENA) is an intergovernmental organisation that supports

The global energy scene is awash with discourse, policies and technologies clamoring for clean energy. The global energy sector is now focused on transitioning from fossil-based fuels to low-carbon ones. The energy landscape in Africa, however, tells a different...

The African Renewable Energy Fund (AREF), a dedicated renewable energy fund focused on sub-Saharan Africa successfully reached its final close today at its hard cap, with ...

Even though the effectiveness of the policies to alleviate CO₂ Es and to diversify energy sources needs to be analysed, South Africa has designed policies such as the Biofuel Industrial Strategy, the National Climate Response Policy, the White Paper on National Climate Change Response Policy, the White Paper on Renewable Energy, and the Carbon ...

The capital will be invested through the African Development Bank's Sustainable Energy Fund for Africa. Solar. Commercial and Industrial; Community Solar; ... Biofuels; Biopower; Geothermal Energy Tech; Hydrogen & Fuel Cells ... and distribution networks to ensure increased penetration of renewable energy in African grid networks. The ...

The African Renewable Energy Fund (AREF) targets investments in small to medium size energy generation projects that generate energy from the following renewable and clean energy ...

The African Biofuel and Renewable Company (ABREC) submitted a proposal in 2011 for the financing of a financial facility, the African Biofuel and Renewable Energy Fund (ABREF), designed to channel private

capital into private sector led projects which implement carbon reducing and clean technologies in SSA. The Bank is proposing to use SEFA project ...

ABIDJAN, Ivory Coast, June 18, 2021/APO Group/ -- The Africa Renewable Energy Fund II has achieved its first close at EUR125 million, following a joint investment of EUR17.5 million from The Sustainable Energy Fund for Africa and the Climate Technology Fund through the African Development Bank ().

Bank (AfDB) through its Sustainable Energy Fund for Africa (SEFA) Co-Organizers / Event Partners: ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE), Banque Ouest Africaine de Développement (BOAD), and African Biofuels and Renewable Energy Company (ABREC), affiliated with ECOWAS Bank for Investment and Development (EBID)

Renewable energy sources. There is sporadic data on water usage in renewable energy in South Africa. Gerbens-Leenes et al. (2009) report water use for various fuel crops (most of them being food crops). The exploitation of food crops to generate energy creates competition between food and fuel for the same resources.

While Africa is currently not heavily endowed with the technological innovations of more clean and renewable energies such as green hydrogen energy, Africa is rich in biofuel renewable energy sources/crops. Biofuels have been shown to reduce or emit relatively lesser carbons or greenhouse gasses [70], [71].

The Government of South Africa through the Department of Environmental Affairs (DEA) has set up a Green Fund to support the transition to a low carbon, resource efficient and climate resilient development path delivering high impact economic, environmental and social benefits. ... Renewable energy, including off grid and mini grid; Sustainable ...

Biofuels are fuels derived from biomass or waste feedstock. The most common biofuels are bioethanol and biodiesel. Bioethanol, or ethanol, is an alcohol made by fermenting sugar and starch components of crops (e.g. maize or sugarcane) using yeast and contains about 70% of the energy of fossil petrol [4]. Ethanol can be used as a fuel for vehicle in its pure form, ...

In the field of financing, the African Biofuels Renewable Energy Fund (ABREF) was set up to help overcome barriers and to facilitate flows of investment into African biofuel and renewable energy projects to promote sustainable development and contribute to the reduction of greenhouse gas emissions. It is first phase of implementation, ABREF ...

By Joao Cunha, SEFA Coordinator, African Development Bank The first pan-African renewable energy focused private equity fund, African Renewable Energy Fund (AREF), was launched in March 2014 with \$ 100 million of committed capital. Subsequently, AREF's European launch formed part of the Seminar on Sustainable Energy Investments in Africa, held on June 24 and ...

Algeria, Nigeria, Morocco, South Africa and Egypt - referred to as Africa's Big Five - are the biggest consumers of fossil fuels for energy generation. The review paper's primary ...

To bridge this gap and to amplify political science debates on African energy transitions, this article presents an energy policy analysis that assesses transition endeavours based on a comparative mapping of African renewable energy policies in 34 countries. 2 We discuss these initiatives with a particular focus on "energy justice", a ...

The South African energy sector is currently undergoing several impactful transformations, moving from traditional fossil fuel power sources to lower carbon environmentally sustainable technologies and business models such as Renewable Energy (e.g. Solar PV, Wind, Biomass and Hydropower), Energy Storage Technologies, Green Hydrogen, Distributed ...

The Eastern Africa countries have different types of renewable energy sources other than liquid biofuels, which lessen the desire and promotion of liquid biofuel. However, a Duty-Free Access to the EU market for Ethiopia, Sudan, Tanzania, and Uganda, and the need for foreign investment currency, and being additional income source for rural ...

The increasing demands for energy in our contemporary society and mainly the rapid increase in greenhouse gas (GHG) emissions led to ongoing efforts in order to find alternative sources so that fossil fuels can be efficiently replaced using substituents deriving from eco-friendly processes (Khan et al. 2018). Biofuels is the name of a wide category of solid, ...

The purpose of the AREF Project Support Facility is to provide a range of assistance to support the development of renewable energy projects that fall within the AREF's Investment Policy, including energy resource assessment, socio-economic environmental studies, technical activities, legal due diligence, and training and mentoring of local staff.

Green hydrogen projects would qualify for the incentives set out in the NREP and the Biofuel Policy of Zimbabwe. ... Development aid has been used to fund a pilot project called H2Atlas-Africa, which was the first pilot green hydrogen project in Zimbabwe. ... A US\$45 million-dollar fund was set up to support renewable energy solutions. The fund ...

The Africa Renewable Energy Fund II has achieved its first close at EUR130 million, following a joint investment of EUR17.5 million from The Sustainable Energy Fund for Africa and the Climate Technology Fund through the African Development Bank. AREF II, a successor to the original Fund, is a 10-year closed-ended renewable energy Private Equity Fund with a \$300 ...

The Africa Renewable Energy Fund II has achieved its first close at EUR125 million, following a joint

investment of EUR17.5 million from The Sustainable Energy Fund for Africa and ...

The demand for renewable energy consumption will rise markedly in developing countries. This follows the projection that by 2050 over 90% of the world's population growth will be in developing countries []. However, what is unknown and remains a key research question is whether economic well-being and economic freedom drives the share of renewables in total ...

The African Renewable Energy Fund (AREF), a dedicated renewable energy fund focused on sub-Saharan Africa, announced during the African Development Bank's "Energy Week" that it ...

The African Renewable Energy Fund (AREF), a dedicated renewable energy fund focused on sub-Saharan Africa successfully reached its final close today at its hard cap, with USD200 million of committed capital to support small to medium scale projects, with investment at the final close from EIB and the Global Energy Efficiency and Renewable Energy Fund ...

With Liquid Biofuels in Sub-Saharan Africa _____ 9 A. Cultivation and Use of Jatropha Curcas L. _____ 9 ... CARENSA Cane Resources Network for Southern Africa CFC Dutch Common Fund for Commodities CFL Compact Fluorescent Light ... particularly those in sub-Saharan Africa. Electricity from renewable energy sources such as small hydro, solar and ...

ABREF Africa Biofuels and Renewable Energy Fund AEEP Africa-EU Energy Partnership (AEEP) AF Adaptation Fund AfDB African Development Bank AFPRO Action for Food Production AU African Union CAADP The Comprehensive Africa Agriculture Development Programme CCS Carbon Capture and Storage CDM Clean Development Mechanism

Malian Renewable Energy Week (SemR) is organized by Mali's Renewable Energy Agency (AER-Mali) and the Ministry of Energy and Water as part of the Renewable Energy in Mali Support Project (PAPERM), in partnership with the African Development Bank, the Climate Investment Funds Scaling Up Renewable Energy Program in low-income countries (CIF-SREP) and the ...

Biofuels are fuels produced from biomass which can be used as transportation fuel or for energy generation; typical examples are bioethanol and biodiesel. 33 Of the fuels produced from biomass worldwide, the United States produces the most, about 46% of global production, while South Africa produces only about 0.3%. 20 The integration of ...

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