

JET 4 Africa

JUST & EQUITABLE ENERGY TRANSITION FOR AFRICA

POWER2COMMUNITIES100
("P2C100")

PLASTICS & ART4 CLIMATE
("PA4CLIMATE")

BLUE ECONOMY 4 GROWTH
("BE4Growth")

JET4Africa: Essence & Aspirations

Africa stands at an inflection point. The global call for energy transition grows louder, and rightly so. But for a continent of 1.4 billion people, where more than 600 million still lack access to electricity, where poverty and insecurity remain daily realities and underdevelopment undefeated, the path forward cannot be borrowed from the developed world. It must be forged here, on African terms, with African realities at its core. Across the corridors of global climate summits, a singular narrative has dominated: the world must transition away from fossil fuels. But for Africa this storyline is incomplete and any serious conversation about Africa's energy transition must begin with two inescapable realities;

Africa's Endowment: Under the surface, Africa holds an estimated 620 trillion cubic feet of natural gas and oil reserves of 125 billion barrels across Nigeria, Algeria, Libya, Egypt, Angola, and Mozambique. At the same time, it sits on some of the world's highest solar irradiance levels, wind energy potential estimated at over 180,000 terawatt-hours per year, hydropower resources representing roughly 40% of the world's untapped capacity, and geothermal potential along the East African Rift Valley estimated at 20,000 megawatts, of which less than 1% has been developed. Africa is not a continent that must choose between fossil fuels and renewable energy. It is a continent blessed with both in extraordinary abundance. And any transition narrative that ignores that reality is not a solution for Africa. It is a sentence.

Africa's Paradox: Over the surface, Africa is a paradox. Nigeria holds some of the largest natural gas reserves on earth, yet 86.6 million of its citizens have no electricity, the highest absolute deficit of any country in the world. The Democratic Republic of Congo sits atop the Congo River, whose hydropower potential could theoretically power the entire African continent, yet 79.6 million Congolese live without power. While Africa's financial sector is one of the fastest-growing in the world, with mobile money, fintech, and digital banking transforming economies from Lagos to Nairobi, that momentum runs headlong into an energy infrastructure that simply cannot keep up. Banks cannot process transactions during load-shedding. Factories cannot produce. Data centers cannot run. Africa has the vision, the capital, and the resources. What it lacks is an energy transition framework built around its own realities.

WHY JET4AFRICA: A HOME-GROWN SOLUTION TO A GLOBAL INJUSTICE

The Just and Equitable Energy Transition for Africa Initiative ("JET4Africa") was conceived by the International Centre for Energy (ICE) from a simple but powerful conviction: solutions for Africa must be designed in Africa, by Africans, with Africa's realities at their core. JET4Africa challenges the one-size-fits-all global approach and calls instead for an Afro-centric timeline,

an Afro-centric financial architecture, and truly transformative projects that deliver power to people, not just pledges to conference halls.

At its core, JET4Africa seeks to drive both tangible and systemic change across the continent. Its aspirations include the following:

- i. *Economic Transformation and Poverty Alleviation:* JET4Africa views the energy transition not simply as an environmental obligation, but as a powerful vehicle for economic transformation. By expanding access to energy and stimulating new sectors, the initiative seeks to support local economies, create dignified employment opportunities, and promote inclusive growth across African communities.
- ii. *Universal Energy Access:* Addressing Africa's energy poverty remains a central priority. Through the Power2Communities (P2C) project, JET4Africa aims to expand access to clean and reliable electricity for up to 50 million women and children in homes, schools, and communities, helping to improve education, healthcare delivery, and economic participation.
- iii. *Environmental Stewardship and Sustainability:* JET4Africa promotes responsible environmental practices through innovative initiatives such as "*Plastics & Art4Climate (PA4Climate)*" by advancing plastic waste reduction, recycling, and creative climate awareness through art and cultural engagement. In addition, through our "*Blue Economy for Growth (BE4Growth)*" by promoting the sustainable use of ocean and coastal resources while safeguarding marine ecosystems.
- iv. *Empowering Africa's Human Capital:* Recognizing that Africa's greatest resource is its people, the initiative prioritizes capacity development and knowledge transfer through training and professional development programs delivered via the Energy Learning School (ELS).

The overarching objectives of JET4Africa can be summarized as follows:

- *Promote adequate awareness and cooperation amongst African governments in embracing the realities of climate change in line with the opportunities and imperatives of energy transition within the continent;*
- *Promote a truly just and equitable energy transition in Africa by recognizing the necessity of realistic timelines and the African factor in measure with energy transition financing;*
- *Facilitate economic transformation and poverty alleviation within the continent by meaningful and transformative projects, in turn, encouraging global financial institutionalism towards an Afro-centric financial model where private sector organizations play active roles in facilitating climate solutions.*

THE JET4AFRICA CHANGE SCHEDULE

Track One: Advocacy & Awareness

As the urgency of energy transition appears secondary in many African communities, the need for advocacy and awareness cannot be overemphasized. In furtherance of its staunch commitment to clean energy, the International Centre for Energy is hosting its historic conference ***“African Energy Transition Week (“AETW or AET Week”)*** in 2027 powered by the “Just and Equitable Energy Transition for Africa” (“JET4Africa”) initiative. This will be a landmark convening that brings together African government leaders, industry executives, financiers, and communities to do something that has rarely been done properly: design Africa's energy future lead by Africans, for Africans. It will afford an opportunity for adequate deliberation in charting an Afro-centric timeline and roadmap towards energy transition which takes adequate cognizance of the realities of Africa and the developing world.

AETW is not merely a convening. It is a movement. A dedicated week of focused dialogue on the continent's energy future, exploring the pathways, policies, and partnerships that a truly just and equitable transition demands. It is a space where the complexity of Africa's energy reality is not simplified but confronted honestly by the people who live it. And at the center of that conversation is a fundamental question: what does an energy transition that genuinely prioritizes Africa, its people, its economies, and its timelines, actually look like in practice? The convening would then discuss how “Just and Equitable Energy Transition for Africa” (“JET4Africa”) exists to answer that question.

Track Two: Projects & Policies

Having regard to the central importance of meaningful projects and policies as cornerstones for transformative change in Africa, the JET4Africa Initiative has unfurled three primary projects that will be deployed in select countries in Africa:

- a. Power2Communities (“P2C”)**
- b. Plastics & Art4 Climate (“PA4Climate”)**
- c. Blue Economy 4 Growth (“BE4Growth”)**

Power2Communities (“P2C”)

Over 600 million Africans have no access to electricity. That is not a development statistic. It is a daily reality lived in dark classrooms, clinics without refrigeration for vaccines, and homes where children study by candlelight. The P2C Project is JET4Africa's direct response. Operating across health facilities, schools, and communities in selected cities across pilot countries, P2C aims to deliver clean, reliable power to 50 million Africans with a primary focus on solar energy. But electrification without the right foundations does not last. That is why P2C works hand in hand with governments and civil society to build the legislative and policy frameworks that make powered communities permanent, not temporary. Because the goal is not just to turn the lights on. It is to keep them on.

Plastics & Art4 Climate (“PA4Climate”)

Plastic waste is not just an environmental problem in Africa. It is an economic one. Clogged drainage systems turn ordinary rainfall into devastating floods that destroy homes, disrupt businesses, and set back years of community development in a matter of hours. Polluted coastlines drive away tourism. Degraded marine ecosystems deplete the fish stocks that coastal communities depend on for food and income. Microplastics contaminate water sources and agricultural land, quietly undermining public health and food security.

Through our “Plastics & Art 4 Climate Project (PA4Climate Project)”, not only do we hope to bring together a network of resources for collective action to advocate clear messaging and drive better awareness, collective action will be directed towards campaigns aimed at cleaning up the marine environment and improving the reuse and recycling capabilities of pilot countries in Africa. In addition, we seek to engage local artists and cultural leaders in Africa to raise awareness and inspire eco-friendly urban designs by reusing plastic waste products towards art. Our PA4Climate Project shall harness the power of art to promote sustainability and climate-conscious practices within communities.

Blue Economy 4 Growth (“BE4Growth”)

With ninety percent of global trade, travel, and tourism revolving around the ocean, the sea is not merely a geographical feature. It is an economic lifeline. According to a report by the United Nations Environment Program (UNEP), an estimated 60 million people across Africa live within 100 kilometers of a coral reef, drawing direct economic, social, and cultural value from the marine ecosystems around them. Oceans provide the foundation for some of the continent's most vital industries, from tourism and fisheries to ports, shipping, and coastal processing. These are not peripheral activities. They are the backbone of local economies and the daily livelihoods of millions of African families, underpinning communities that have looked to the sea for sustenance and prosperity for generations.

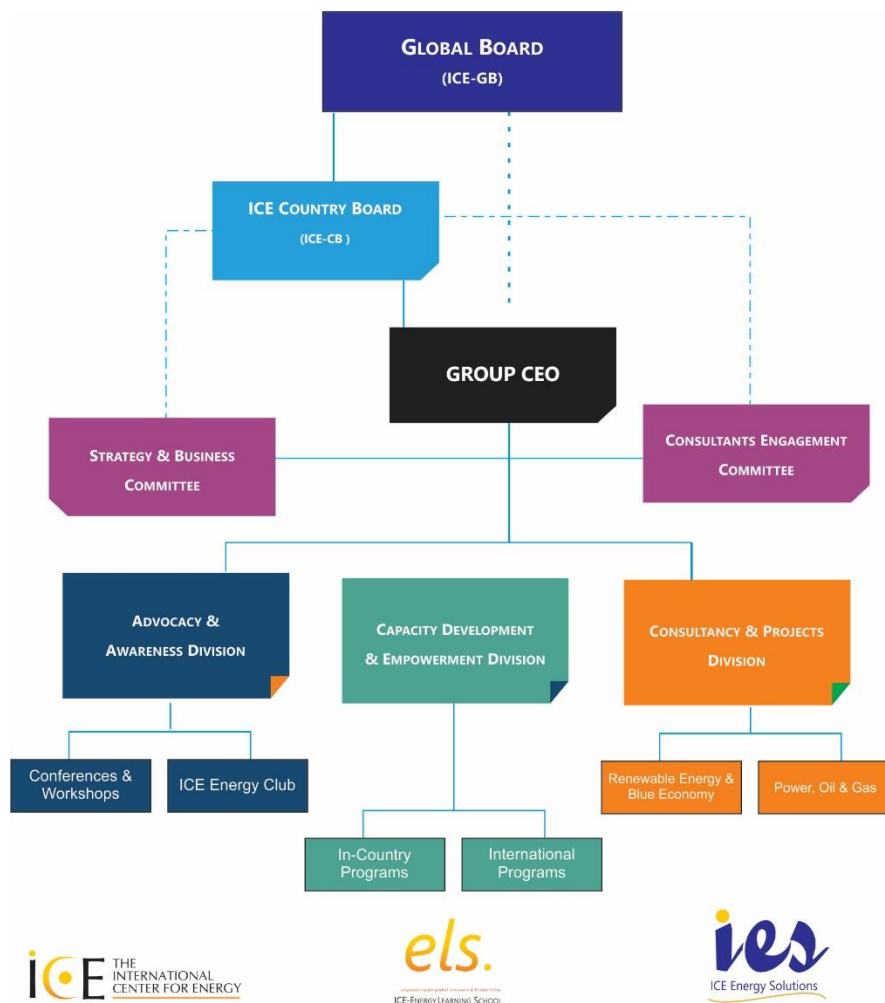
Under our *Blue Economy 4 Growth Project (BE4Growth)*, we seek to strategically harness the sustainable use of the ocean, sea, and coastal resources to drive inclusive growth, job creation, and environmental protection. Our vision is geared towards seeking to balance economic development with environmental sustainability and ensuring that ocean resources are neither overexploited nor undervalued or unappreciated.

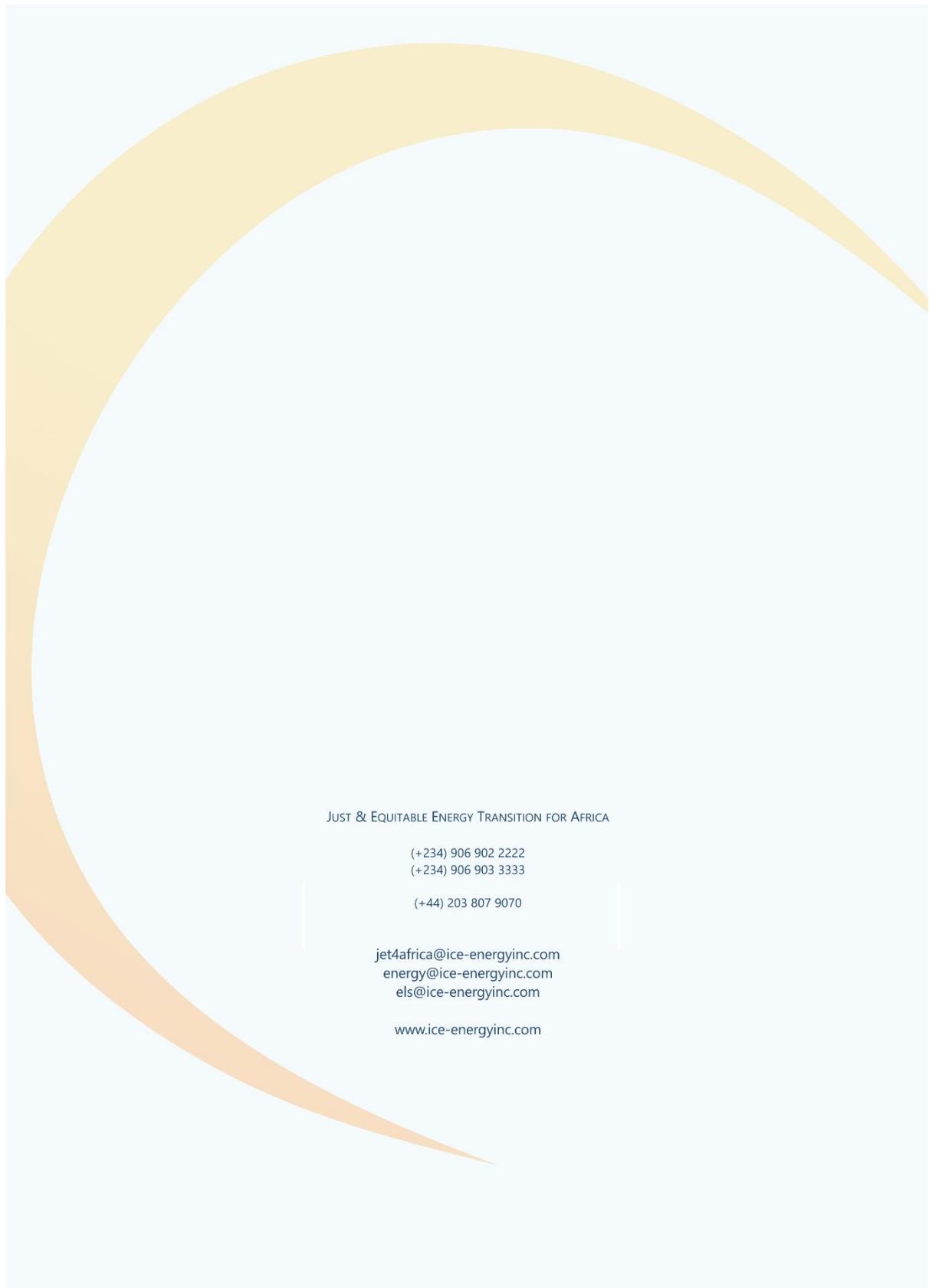
ABOUT INTERNATIONAL CENTER FOR ENERGY (ICE)

International Center for Energy (“ICE”) is created to provide regionally tailored solutions designed to inspire and propel governments and organizations towards sustained innovation and efficiency in their energy ecosystems covering the Oil, Gas and Electricity value chains.

With a presence across Africa and energy sectors globally, ICE mobilizes expert energy consultants who are proven leaders in strategic development, implementation, sustainability and capacity building. Together we are dedicated to transforming the energy infrastructure of Sub-Saharan Africa, driving reform and tangible development, and offering vital expertise to overcome deeply endemic challenges. As intermediaries, we build effective multi-stakeholder platforms, mobilize communities and ultimately provide a connection of fresh innovative ideas with visible economic integration, regional growth and environmental stewardship.

For operational efficiency and administrative ease, we operate along the following lines:





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