

SPECIAL REPORT

# Renewable Energy Development in Africa

Trends, Outlook, Opportunities and Projections



***Subscribe Now***

*Save 20 per cent on orders and payments received before or on February 7, 2018.*

*Save 10 per cent on orders and payments received before or on March 2, 2018.*

India Infrastructure Research

[www.indiainfrastructure.com](http://www.indiainfrastructure.com)

Africa's population is set to double by 2050 and its energy needs will grow even faster. If current growth rates are maintained, Africa's GDP will increase seven-fold by 2050. Providing full electricity access to all Africans will require at least a doubling of total electricity production by 2030 from current levels.

With considerable solar and hydropower resources, complemented by bioenergy, wind, geothermal and marine resources in some regions, Africa has the opportunity to leapfrog to modern renewable energy. Renewable energy technologies are now the most economical solution for off-grid and mini-grid electrification in remote areas, as well as for grid extension in some cases of centralised grid supply with good renewable resources. Besides, local bioenergy, geothermal, solar thermal resources have an important role to play in covering future heat demand. Domestic biofuels and renewable energy-based electrification of urban public transport can contribute significantly to transport needs. There are thus significant opportunities for project developers, investors and technology providers in the renewable energy space in Africa. The report will identify, analyse and quantify these opportunities.

The report will have 350-400 slides across two distinct sections. Section A will provide a comprehensive overview of the power supply and demand, current state of renewable energy development in Africa, bring to light the renewable energy potential, highlight segment-wise trends, draw attention to the key risks and challenges and showcase emerging market opportunities in renewable. Section B will have a country-by-country assessment of current power scenario, renewable energy potential, emerging renewable energy policies and regulations, key developments, emerging financing practices, cost and tariff trends, investment requirements and future outlook.

## Table of Contents (draft)

### SECTION A: EMERGING POWER SCENARIO IN AFRICA

#### Chapter 1: Current Power Demand and Supply Scenario

- ❖ Current Energy Mix
- ❖ Resource Availability and Potential
- ❖ Power Demand and Supply Outlook

#### Chapter 2: Renewable Energy Trends and Outlook

- ❖ Current Status
- ❖ Segment-wise Share and Potential
- ❖ Inter-country Analysis
- ❖ Key Growth Drivers
- ❖ Issues and Challenges
- ❖ Emerging Opportunities (for Developers, Investors and Technology Providers)
- ❖ Outlook and Projections (2018-23)

#### Chapter 3: Solar Power

- ❖ Size and Growth
- ❖ Solar Energy Targets
- ❖ Cost and Tariff Trends
- ❖ Key Upcoming Projects
- ❖ Market Opportunities
- ❖ Key Risks and Challenges
- ❖ Outlook and Projections (2018-23)

#### Chapter 4: Wind Power

- ❖ Size and Growth
- ❖ Wind Power Targets
- ❖ Cost and Tariff Trends
- ❖ Key Upcoming Projects
- ❖ Market Opportunities
- ❖ Key Risks and Challenges
- ❖ Outlook and Projections (2018-23)

#### Chapter 5: Bioenergy

- ❖ Size and Growth
- ❖ Bioenergy Targets
- ❖ Cost and Tariff Trends
- ❖ Key Upcoming Projects
- ❖ Market Opportunities
- ❖ Key Risks and Challenges
- ❖ Outlook and Projections (2018-23)

#### Chapter 6: Decentralised/ Offgrid Renewables

- ❖ Estimated Offgrid Potential
- ❖ Emerging Business Models
- ❖ Case Studies
- ❖ Market Opportunities
- ❖ Key Risks and Challenges
- ❖ Outlook and Projections (2018-23)

**Chapter 7: Investment and Financing**

- ❖ Current Investment Trends
- ❖ Funding Sources
  - Government Funding
  - Multilateral Funding
  - Bilateral Funding
  - Bank Lending
  - Bond Financing
  - Other Key Sources
- ❖ Emerging Financing Instruments
- ❖ Mergers and Acquisitions
- ❖ Key Risks and Concerns
- ❖ Investment Requirements and Outlook

**SECTION B: COUNTRY PROFILES\***

This section will have 30 chapters pertaining to the renewable energy scenario and outlook for 30 African countries. These will include Algeria, Angola, Botswana, Cameroon, Republic of the Congo, Egypt, Ethiopia, Ghana, Guinea, Kenya, Libya, Madagascar, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Senegal, Seychelles, Sierra Leone, South Africa, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia and Zimbabwe.

*Each country profile will provide information on:*

- ❖ Economic Scenario and Demography
- ❖ Power Demand and Supply Scenario
- ❖ Resource-wise Renewable Energy Potential
- ❖ Segment-wise Size and Growth (Solar, Wind, Bioenergy, etc.)
- ❖ Key Growth Drivers
- ❖ Evolving Policy and Regulatory Scenario
- ❖ Recent Developments
- ❖ Segment-wise Cost and Tariff Trends
- ❖ Key Players and Plans
- ❖ Segment-wise Targets and Outlook
- ❖ Focus on Off-grid Renewables
- ❖ Renewable Energy Demand Outlook
- ❖ Renewable Energy Investment Outlook

*\*The information provided across countries may vary depending on the availability of data.*



*The report will be available in PDF format.*

**About Us**

**India Infrastructure Research** is a division of **India Infrastructure Publishing Private Limited**, a company dedicated to providing information on the infrastructure sectors through magazines, conferences, newsletters and research reports. It publishes five magazines – **Indian Infrastructure**, **Renewable Watch**, **Power Line**, **tele.net** and **Gujarat Infrastructure**.

**India Infrastructure Research** publishes research reports in the areas of power, oil & gas, ports & shipping, roads & bridges, telecommunications, aviation and water. Our reports are acknowledged as high-quality, user-friendly, up-to-date, accurate and comprehensive sources of information.

Our clients include most organisations involved in the infrastructure sectors – multinationals, top Indian corporates, commercial and investment banks, consulting companies, public sector companies, government agencies, multilateral agencies, and legal firms.

I would like to purchase the "Renewable Energy Development in Africa: Trends, Outlook, Opportunities and Projections" report:

Format (PDF)	By February 7, 2018	By March 2, 2018	After March 2, 2018
Price	<input type="checkbox"/> Rs 2,560	<input type="checkbox"/> Rs 2,880	<input type="checkbox"/> Rs 3,200

## ORDER FORM

Name (BLOCK LETTERS) \_\_\_\_\_

Designation \_\_\_\_\_

Company \_\_\_\_\_

Mailing Address \_\_\_\_\_

Telephone \_\_\_\_\_ Mobile \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

### Wire transfer details:

**Beneficiary** : India Infrastructure Publishing Pvt. Ltd.  
**Bank Name** : The Hongkong and Shanghai Banking Corporation Ltd  
**Bank Address** : R-47, Greater Kailash – 1, New Delhi - 110048  
**Account No.** : 094179587002  
**Swift Code** : HSBCINBB  
**IFSC Code** : HSBC0110006

**Pay by Credit Card / Wire Transfer** : Please contact us for details

### Contact details:

#### Priya Sen

Information Products

India Infrastructure Publishing Pvt. Ltd.

B-17, Qutab Institutional Area, New Delhi 110016, India

Tel: +91-11-4579 8613, 41034600, 41034601; Fax: +91-11-26531196

Mobile: +91-99 00 644 996

Email: priya.sen@indiainfrastructure.com