Accelerating Climate Resilient Entrepreneurship and Innovation

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PRESENTATION OUTLINE

- Climate resilient entrepreneurship and innovation: What is it and Why is it important?
- Climate resilient entrepreneurship and innovation: Sub-Saharan African context
- Climate resilient entrepreneurship and innovation: Key insights & implications for the Paris agreement
Climate Resilient Entrepreneurship and Innovation: What Is It and Why Is It Important?
Climate Resilient Entrepreneurship and Innovation Framework

- Environmental Stewardship
  - Natural principles
  - Restorative
  - Healthy ecosystems

- Social Value
  - Virtues
  - Good life
  - Healthy society/communities

- Green Entrepreneurship
- Social Entrepreneurship
- Entrepreneurship & Innovation

- Climate Resilient Entrepreneurship
  - Change leaders
  - Innovation
  - Making things happen

Climate Resilient Entrepreneurship and Innovation: Sub Saharan African Context
THE ENERGY LEAPFROG

African countries need energy strategies that drive growth, and reduce energy poverty, while transitioning to a low-carbon economy.

With the region experiencing some of the earliest, most severe and damaging climate impacts, African leaders have every reason to support international efforts to limit greenhouse gas emissions.

Energy rich countries have put the world on a DANGEROUS HIGH-CARBON TRAJECTORY.

| Share of total CO₂ emissions from the consumption of energy |
| EU-27 | US | China |
| 13%  | 16% | 25% |

Africa accounts for only 2.3% of global CO₂ emissions.

Africa’s energy systems can leapfrog onto low-carbon pathways where renewables replace fossil fuels.

Africa could become the global leader in low-carbon development.
WORLDS APART

Viewed from Africa, energy use patterns in rich countries represent another universe

Spain

Spain’s total electricity net consumption:
243 Billion Kilowatthours
population:
47 million

Sub-Saharan Africa’s total electricity net consumption excluding South Africa:
139 Billion Kilowatthours
population:
860 million

A kettle boiled twice a day by a family in Britain uses five times as much electricity as a Malian uses per year.

MALIAN CITIZEN

KETTLE BOILED

An Ethiopian takes 87 times longer to consume 150 kWh than someone in the United Kingdom.

ETHIOPIA

UNITED KINGDOM

11 days

A Tanzanian takes 8 years to consume as much electricity as an American consumes in one month.

TANZANIA

USA

1 month

A freezer in the United States consumes 10 times more electricity than a Liberian, in one year.

LIBERIAN CITIZEN

AMERICAN FREEZER

AFRICA PROGRESS PANEL
FIGURE 3 THE ELECTRICITY GENERATION GAP BETWEEN AFRICA AND OTHER REGIONS IS WIDENING

Climate Resilient Entrepreneurship and Innovation: Key insights & implications for the Paris agreement
Key Insight#1 Market interventions need to be made in the entire spectrum of the climate resilient entrepreneurial and innovation value chain.

Key Insight#2 Investment capital to finance early-stage, poverty-focused climate resilient entrepreneurship and innovation is critical.

Key Insight #3 Climate resilient entrepreneurship and innovation requires a robust ecosystem of public, private, and civil society collaboration.

Source: https://www.pinterest.com/source/blog.appfrica.com
Where's the POWER, Harriett?