



**ENERGY PRIVATE DEVELOPERS**  
YOUR PARTNERS FOR ENERGY IN RWANDA

# PRECISE NOTE ON PURE IN RWANDA

# PURE in Rwanda “Precise Note”

## What is PURE?

It is referred to any renewable energy equipment and technology that serves as a direct input for the production of goods or provision of services for income generating activities

## What stage is PURE on?

- Younger stage
- Smaller Scale

## Technologies on Market

- Few Solar Irrigation solutions.
- Few Off-Grid Cold Storage Facilities
- Few Egg Incubators

# Main Barriers to Address

## Policy, Regulations, & Standards

- There is a need of a strong advocacy to the government putting PURE policy in the national energy framework for execution

## Incentives for PURE affordability and Viability

- Advocacy will be required to accept incentives provision by government in a sense of Tax Exemption, VAT exemption for the PURE technologies imported, as well as Subsidy consideration for End-user or developers.

## Affordable and viable Technologies on Market

- Non Subsidized technologies are very expensive, requires investors using Pay-as-you-Go model for a long time payment release, which requires them enough investment
- Few investors & technologies options

# Main Barriers to Address. “Con’t”

## Capacity building

- Few Product Use Awareness for the end- users “Customers”
- Few Local Technical Expertise & requires professional trainings
- High Cost of knowledge transfer or exchange through seminars, Workshops, Field Visit with Fresh graduates or professional technicians, technologists, or engineers.

## Research & Consultance

- No Incentives for professional researchers- be it in Universities or Private Institutions or individuals to conduct research based on PURE Technologies relevent to Rwandan Market.
- No Academic Awareness for the Need so they can work on solutions related at their final year projects
- Low enforcement on Universities and Industries linkage

## Access to Finance

- Banks are willing but fear Developers/investors having no Guarantee Facilities in place to reduce portfolio at risks.
- No Insurance in place related to PURE Technology investment.

# Market Opportunities

## Market Information

- National Electrification Plan (NEP) for on grid and off grid zones has been made and published.
- In Rwanda by 2024, Universal Access to electricity will have been achieved- PURE still at its young stage.- Government willingness

## Private Associations level

- Energy private Developers (EPD) remains ready and active on PURE advocacy and Awareness for energy companies that falls under the private sector federation to the Government and other development partners (it represents over 200 companies).

## Solutions& Technologies Area of Focus

- Livestock, Aquaculture , and Agriculture (e.g: Water Pumps for irrigation, Sprayers for fertilizers and pesticides, Food Dryers, Agri-processors, egg incubators, fishing lights, and cooling solutions, etc..)
- Energy Production and Conversion (eg: Battery Charging, Phone Charging, etc.)
- PURE for SMEs such as Barbershops, manufacturing, Sewing, welding, etc.)
- Communication (e.g: Internet & Telephones)

# Recommendation or Area of intervention

## Government

- PURE Policy Framework Inclusion and Enforcement.
- PURE Regulations policy inclusion and Enforcement.
- Incentives Consideration for investors attraction and viability as well as End-user affordability

## Private Associations level

- Awareness campaigns for both beneficiaries (customers and developers)
- Capacity Building
- Execution Framework in place.
- Monitoring and Evaluation Methods development.
- Strengthening Supply chains structure

## Solutions & Technologies level

- Viable and affordable Solutions/Technologies.
- After sales services models.
- Strengthening and Building Payment Models' structures

End

**Thank You**

For your kind attention.