Knowledge Week

COOLING SOLUTIONS: INTERPLAY BETWEEN BUSINESS MODELS AND TECHNOLOGY IN SSA

TUESDAY 6 FEB 14.00-15.30 GMT+2









COOLING SOLUTIONS: INTERPLAY BETWEEN BUSINESS MODELS AND TECHNOLOGY IN SSA

Moderator:

Chiedza Mazaiwana, Portfolio Manager



EEP AFRICA KNOWLEDGE WEEK 2024







Learn more and register:

https://eepafrica.org/eep-africa-knowledge-week-2024-programme/





AGENDA

- Welcome & introduction to EEP Africa
- Framing remarks
 - Energy Saving Trust
- Panel Discussion
 - Acumen
 - *** GEAPP**
 - **❖** Baridi
 - * SokoFresh
- Follow-up questions to panelists
- Audience Q&A









Presenter: Chris Beland

Technical Programme Manager, Energy Saving Trust













Overview of the cooling sector

Chris Beland, Technical Programme Manager, 6 February 2024

Efficiency for Access – Donor Coalition Members









































WHAT DO WE MEAN BY OFF-GRID COLD STORAGE?

What is it?

- Cold storage / cold chain / cold rooms terminology is key!
- Different technology solutions available for different purposes:
 - Walk-in cold rooms
 - Solar refrigerators
 - Mobile cool boxes
 - Cooling solutions designed for specific use cases such as milk chilling
 - And others...

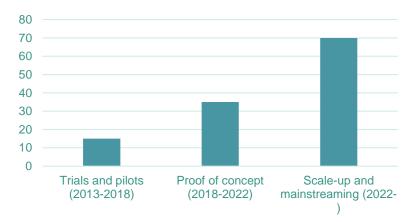




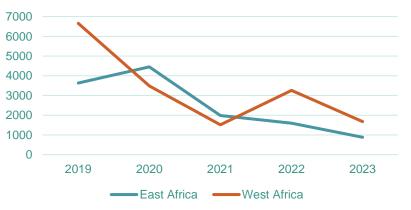


OFF-GRID SOLAR COOLING SECTOR: HIGH IMPACT POTENTIAL, WORK IN PROGRESS

Overview of funding across the cooling sector (in millions of USD)



Comparison of refrigeration unit sales in East & West Africa by year



Note: 2023 sales data only includes first 6 months

It's complicated! A supporting ecosystem is needed

OUTLINE OF HOLISTIC APPROACH NEEDED

An ecosystem is needed to foster Sustainable Cold Chains that deliver on Food Security, Revenue Generation & Climate Resilience goals



PLANNING

Planning Ag-Energy-Cooling integration in development plans to create favourable environment



POLICY AND REGULATION Government support for coldchain, catalysing & championing incentives; standards, funds, etc



PUBLIC AWARENESS Benefits of produce cooling, good practice & user guidelines for all stakeholders



DATA ANALYTICS

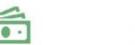
For productivity, demand & value chain assessments, investment prioritisation, stakeholder mapping



ACCESS TO APPLIANCES Ensuring availability & affordability of quality appliances / equipment



An integral part of 'building back better' is developing holistic & integrated approaches to build Affordable & Effective Cold Chains



ACCESS TO FINANCE Financing for famers & MSME/ SME energy & cooling as a service providers



CAPACITY BUILDING
Technical up-skilling & operations
support for energy & cooling as a
service providers plus farmers



MARKET LINKAGES Support farmers, Energy & Cooling providers in accessing markets and stakeholders



TECHNOLOGY & INNOVATION
Cutting edge technology
proven fit for purpose, utilizing
digitalization of finance /
remote monitoring &
produce/payment tracking



PARTNERSHIPS Stakeholder engagement within and beyond Agriculture - Cooling -Energy sector actors

Source: ESMAP Efficient Clean Cooling Program

EEP Africa Knowledge Week



SPEAKERS



Chianda Njogu

Manager, Demand, Jobs, & Livelihoods

GEAPP



Chris Emmott

Head of Energy Investments **Acumen**



Denis Karema

CEO **SokoFresh**



Tracy Kimathi

Founder

Baridi





AUDIENCE Q&A

Type in the Question box and your queries will be directed to our moderator and panelists





JOIN US TOMORROW!

Knowledge Week



Jussi Viding
EEP Africa



Susanne Hounsell EEP Africa

EEP AFRICA CALL FOR PROPOSALS:

Grant financing for innovative clean energy solutions

7 FEB - 14.00-15.30 GMT+2









QUESTIONS?

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