Distributed Emission Reductions by Bboxx Energy Solutions

January 2022

Agenda

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2 Project description: Localization, technology, scope

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Project Description

Distributed Energy, aiming to promote the efficient use of innovative technologies for reducing greenhouse gas emissions by replacing inefficient traditional cookstoves and fossil fuel-based lighting by **efficient LPG stoves** and **Solar Home Systems** and by introducing renewable energy to multiple purposes, at an affordable price.

Bboxx – Transforming lives and unlocking potential

Bboxx is a next generation utility, transforming lives and unlocking potential through access to energy. Bboxx manufactures, distributes and finances decentralised solar powered systems in developing countries. It is scaling through forging strategic partnerships and its innovative technology **Bboxx Pulse**®, a comprehensive management platform using IoT technology. Through **affordable, reliable, and clean utility** provision, Bboxx is bringing people into the **digital economy**, creating new markets, and enabling economic development in off-grid communities and those living without a reliable grid connection. The company is positively impacting the lives of more than **2 million people** with its products and services in over 27 markets, directly contributing to 11 of the 17 United Nations Sustainable Development Goals.

Bboxx will be the entity responsible of project implementation and technology commercialization.

*Figures as-of 19/10/21 (source: Power Bi, Bboxx Pulse IoT Device Management)

Bboxx Global Impact

1,989,114
Number of people provided with reliable, affordable and clean electricity

1,845,569
Kerosene lamps replaced

53,436
Number of people using Bboxx products to support an enterprise

126,911
Number of people undertaking more economic activities

120,478,761 USD
Additional income generated by using Bboxx products

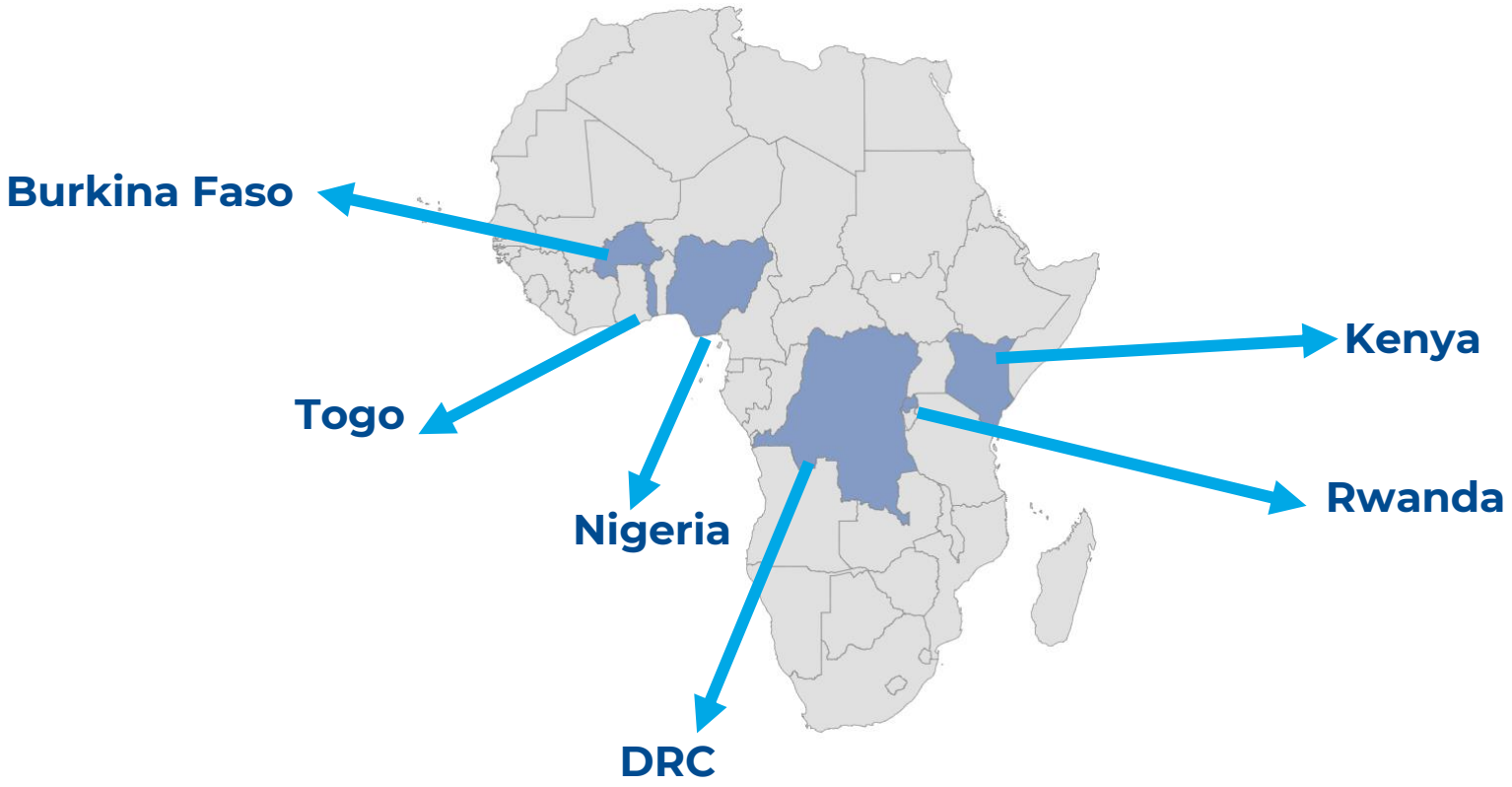
1,845,152 USD
Savings made on energy expenditure

496,251
Number of School aged children impacted with clean energy

18.81 MWh
Average total daily energy generated (bPower20/50/300)

13.86 MWh
Average total daily energy consumed (bPower20/50/300)

Locations



Our technology: Solar Home Systems

bPower20, bPower50, bPower300

Plug and play solar home systems designed for rural and peri urban off-grid households and microbusinesses with basic appliance requirements.

Flexx40

Multi-light solar system, designed for rural customers at the bottom of the energy pyramid,

Bboxx Pulse®

Our state-of-the-art comprehensive management platform

Our technology: Clean Cooking

Efficient Gas Stoves

Efficient gas stove designed for rural and peri urban households that want to transition to LPG

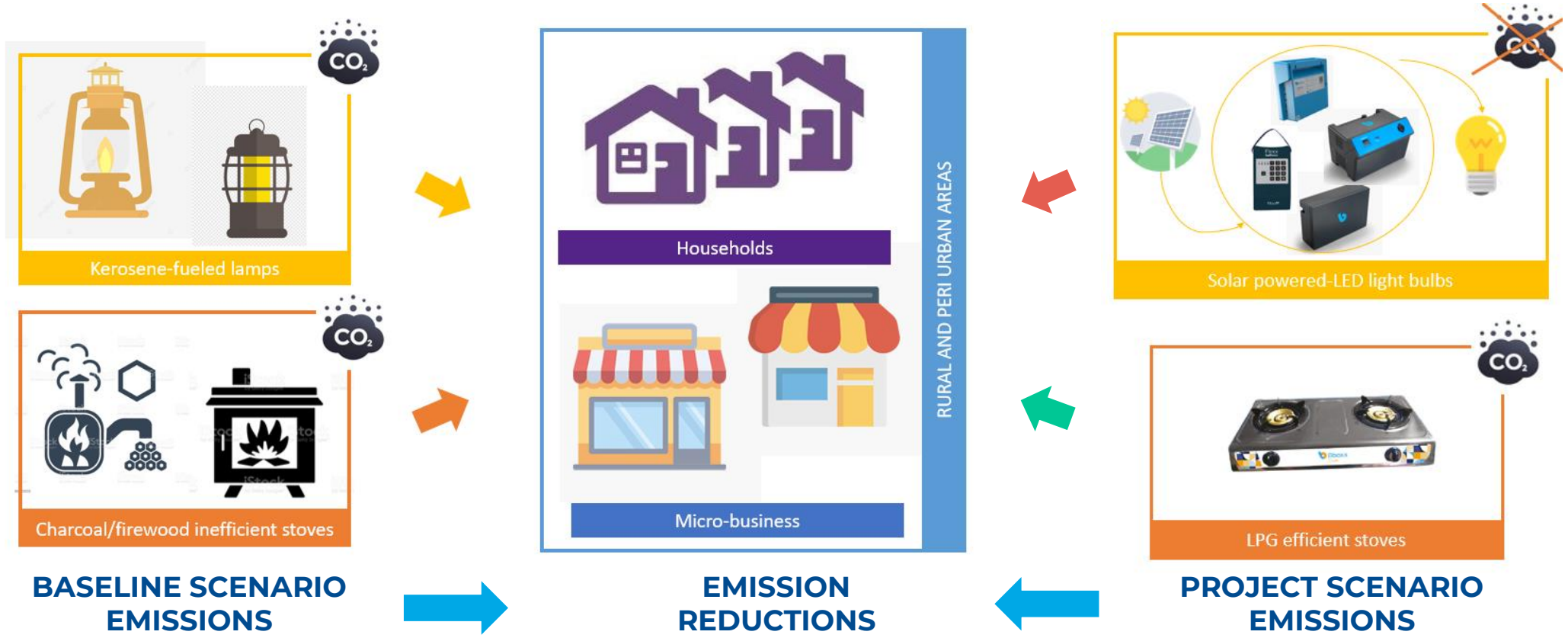
12.5 kg Cylinder

Urban and peri-urban households and microbusiness

6 kg Cylinder

Urban and peri-urban households

Contributing Greenhouse Gas emission reduction~Baseline vs Project scenario



UN Sustainable Development Goal

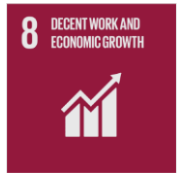
PROJECT IMPLEMENTATION

CONTRIBUTION

SUSTAINABLE DEVELOPMENT GOALS

Reduce of GHGs emissions (tonCO_2e/year)

Reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination



Ensure decent work and sustainable economic growth

Ensure universal access to affordable, reliable and modern energy services

Grievance and input mechanism

Discussion of potential options for input, feedback and grievance mechanism

Provide stakeholders an opportunity to submit any feedback or raise grievances during the entire project life

Consider the comments provided by the Stakeholders and report on how the comments have been accounted for

Provide Stakeholders with the feedback on how their comments have been taken into account

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Q & A

Thank you.

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