

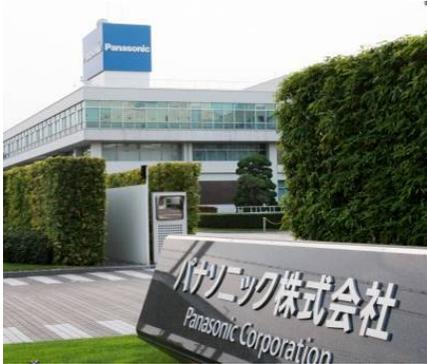
Challenge towards Solar Lantern Project for Non-electrified areas

June 12, 2014

Panasonic Corporation

Panasonic Company Overview

Company Name	Panasonic Corporation
Head Office	Kadoma City, Osaka, Japan
President	Kazuhiro Tsuga
Foundation	March, 1918
Net Sales	7,736.5 billion yen (as of March 31, 2014)
Number of Employees	271,789 (as of March 31, 2014)
Number of Consolidated Companies	505 (including parent company)



Head Office



President Tsuga

Fujisawa SST Project

“Bringing new energy” throughout the town, including residential areas, commercial facilities, and parks



※ The above is a conceptual image.

Bringing new energy from the sun

Fujisawa Energy



Managing local energy generation for “self-creation and self-consumption of energy”, using a hybrid of natural energy and advanced technologies, including energy-creation, energy-storage, and energy-saving technologies

Bringing new energy to safety and security

Fujisawa Security



Ensuring safe and secure living through a new security service called “virtual gated town”

Smart Pole (overall)

Bringing new energy to mobility

Fujisawa Mobility



Providing total mobility lifestyles that enable non-driving residents to become more active, and drivers to become more eco-friendly

Bringing new energy to community ties

Fujisawa Community



Providing necessary information via a one-stop portal site supporting community life, enabling residents to join person-to-person networks and enjoy greater connection with the community

Bringing new energy to healthcare

Fujisawa Healthcare



Providing lifestyles that help residents to naturally improve their health and beauty on a daily basis

Bringing new energy to social interaction

Fujisawa Club Service



Providing communication support services accessible to residents, people working in this town, and visitors

Bringing new energy to finance

Fujisawa Finance



Providing a variety of financial support mechanisms according to life stage, including unique loans for environmentally friendly homes

Bringing new energy to asset management

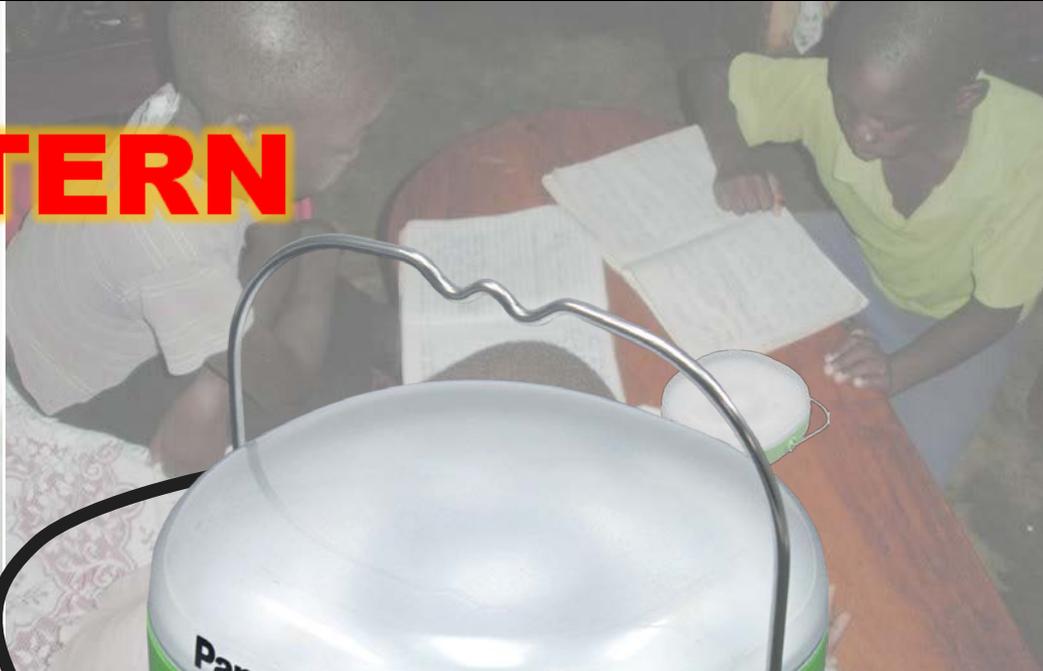
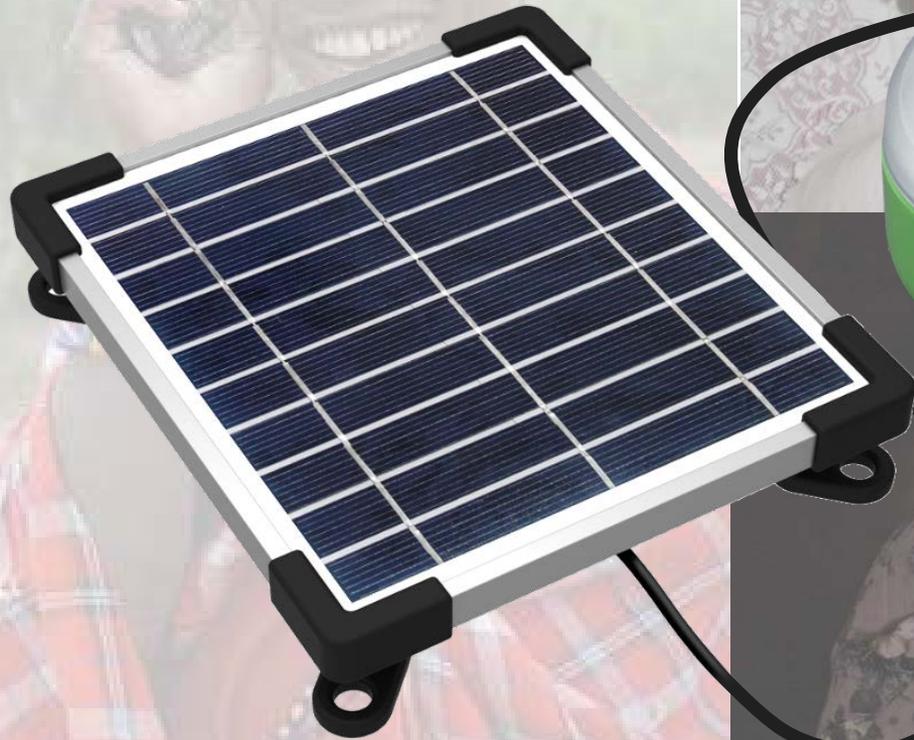
Fujisawa Asset Management



Sustainably providing environmentally-conscious services, such as town greening, to enhance the value of the town over time

Panasonic Solar Lantern

SOLAR LANTERN



World's Non-electrified areas

Data source: IEA, World Energy Outlook 2011
(Unit: Million people)

World Total	
Non-elec ratio	19%
Non-elec pop.	1317

Potential customers for Panasonic

Asia Total	
Non-elec ratio	19%
Non-elec pop	675

Ethiopia	
Non-elec ratio	83%
Non-elec pop	68

Bangladesh	
Non-elec ratio	56%
Non-elec pop	95

Myanmar	
Non-elec ratio	87%
Non-elec pop	43

Cambodia	
Non-elec ratio	76%
Non-elec pop	11

Nigeria	
Non-elec ratio	49%
Non-elec pop	76

India	
Non-elec ratio	25%
Non-elec pop	288

Philippines	
Non-elec ratio	10%
Non-elec pop	10

Kenya	
Non-elec ratio	84%
Non-elec pop	33

Republic of Congo	
Non-elec ratio	89%
Non-elec pop	58

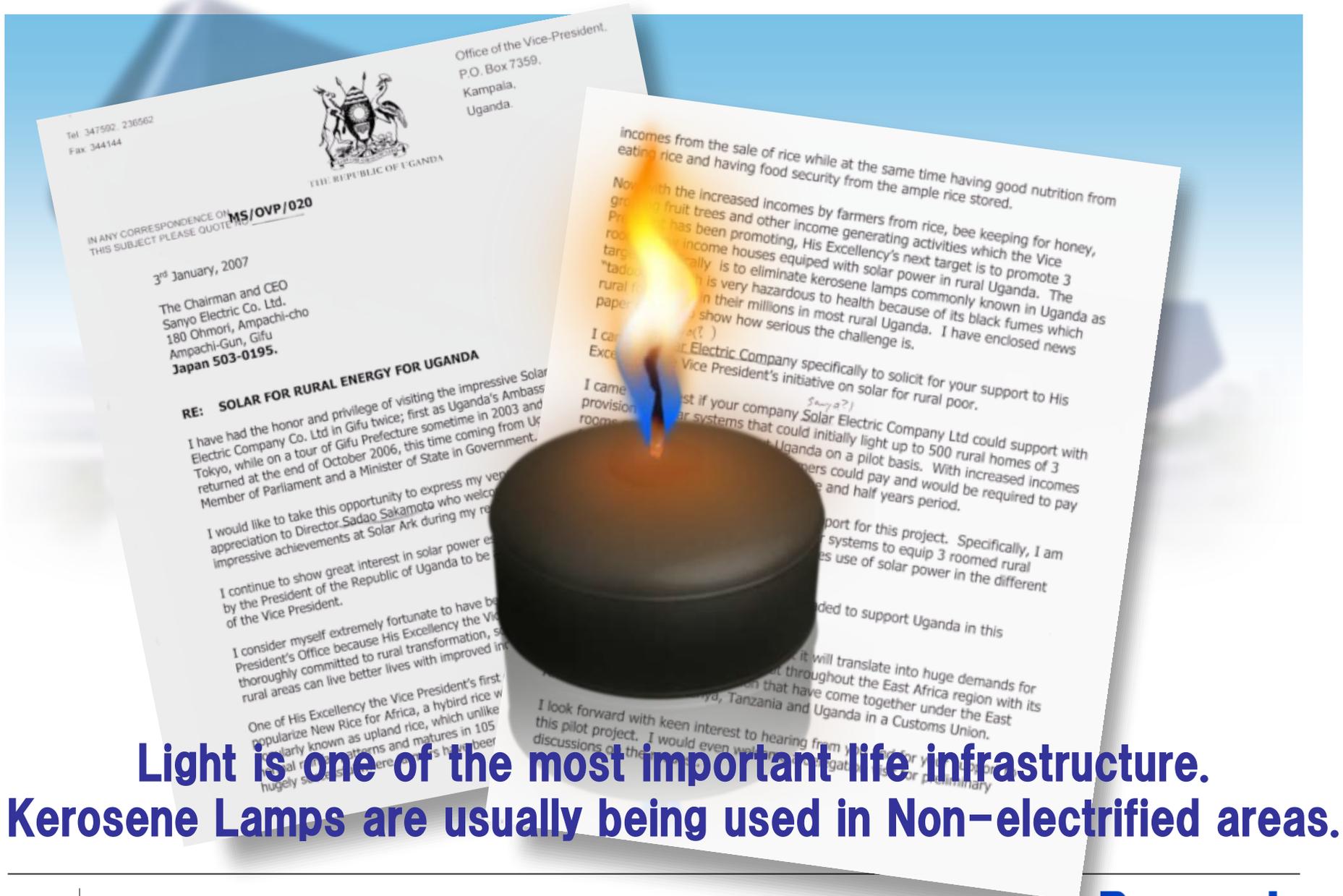
Sri Lanka	
Non-elec ratio	23%
Non-elec pop	5

Tanzania	
Non-elec ratio	86%
Non-elec pop	37

Africa Total	
Non-elec ratio	58%
Non-elec pop	586

Indonesia	
Non-elec ratio	35%
Non-elec pop	81

Light in Non-electrified areas

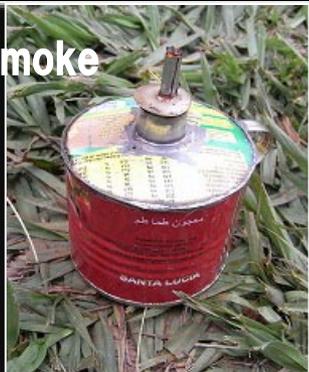


Light is one of the most important life infrastructure.

Kerosene Lamps are usually being used in Non-electrified areas.

Kerosene Issues

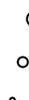
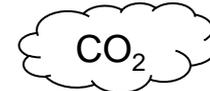
Harmful Smoke



Fire



Greenhouse Gas



High Cost

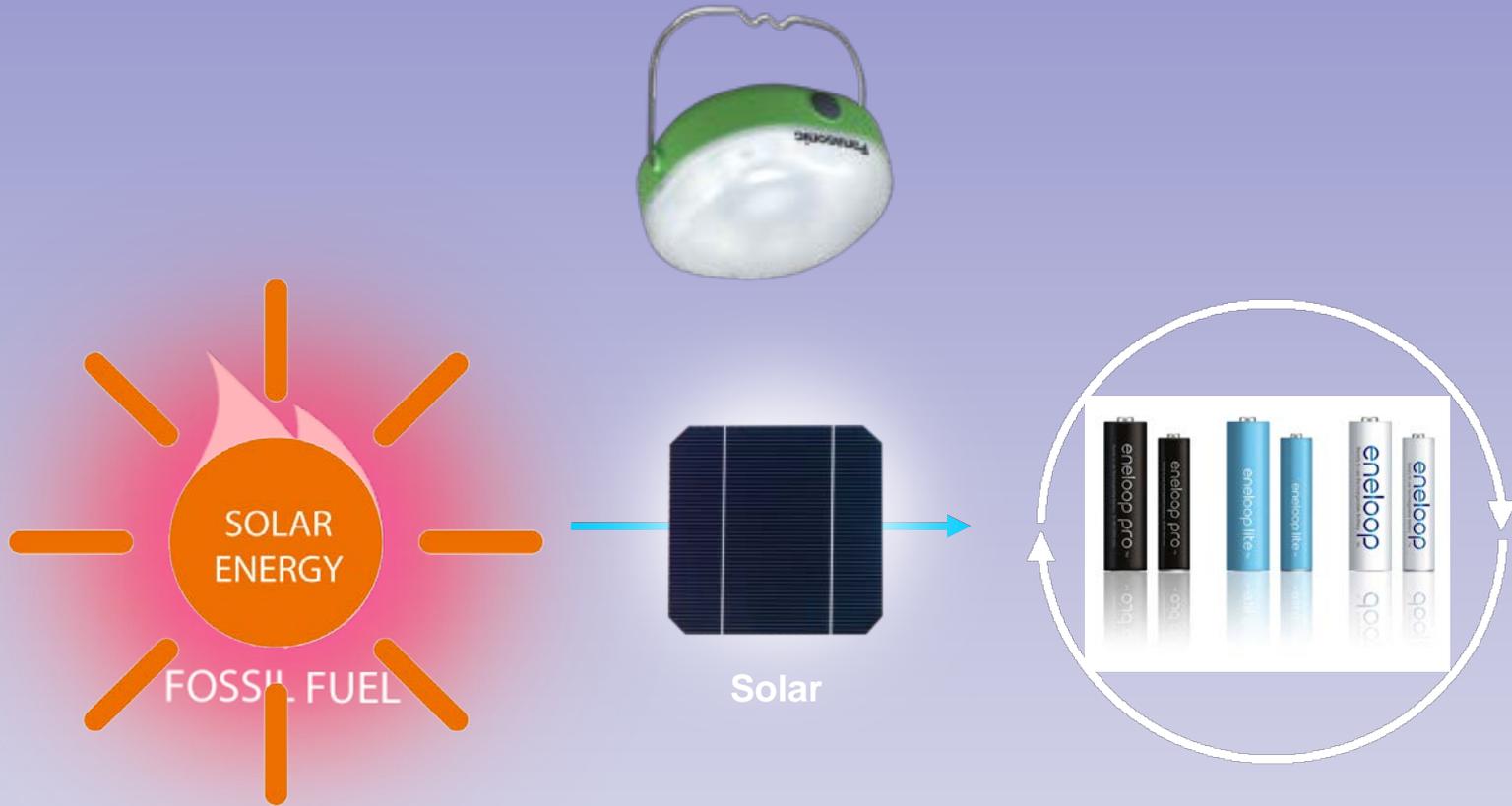


Kerosene Lamp

Night Work



From fossil fuels to solar energy



Converting solar blessings to energy

Reusing its energy over and over

Target Market

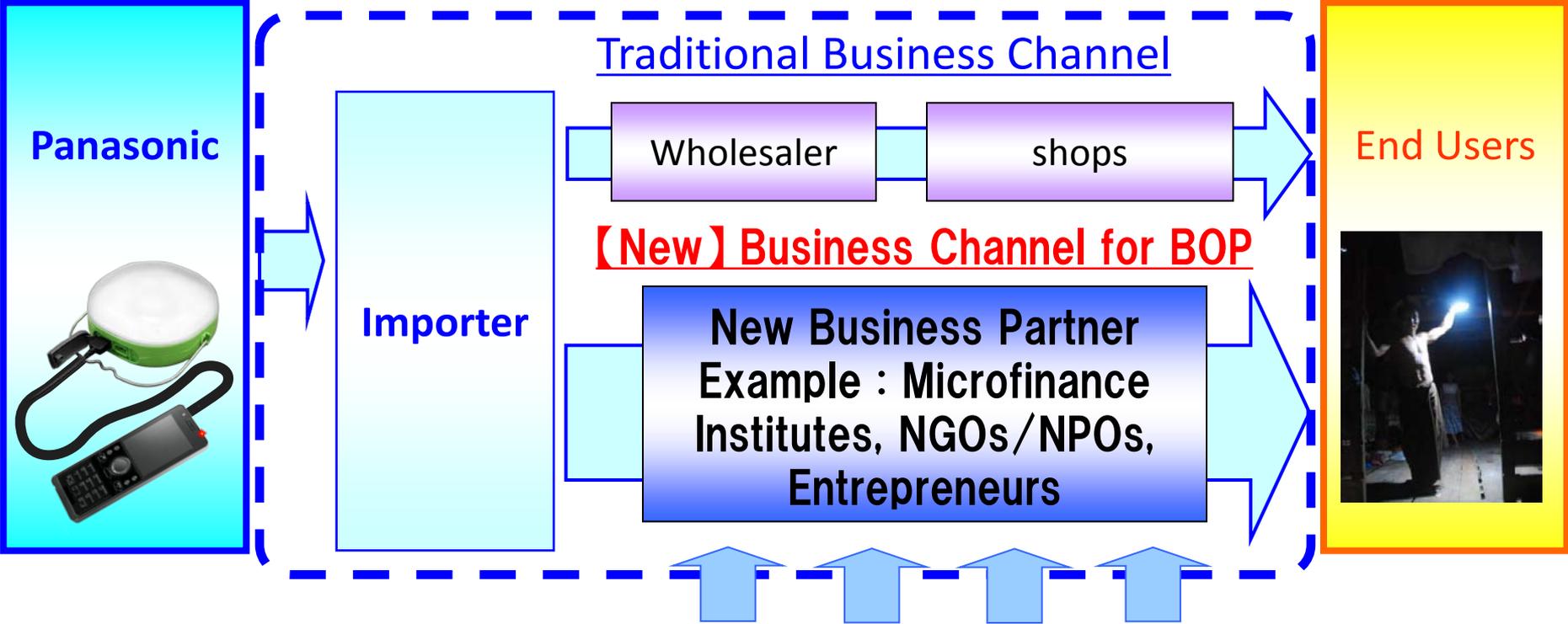


Sales started in January 2014
Main Target Market
Africa : Kenya, Ghana
Asia : Myanmar

New Business Model for Solar Lantern

✧ New partnership to reach BOP people directly

Potential market for establishing Panasonic brand



Public Private Partnership (PPP)

1. Contribution to UN MDGs

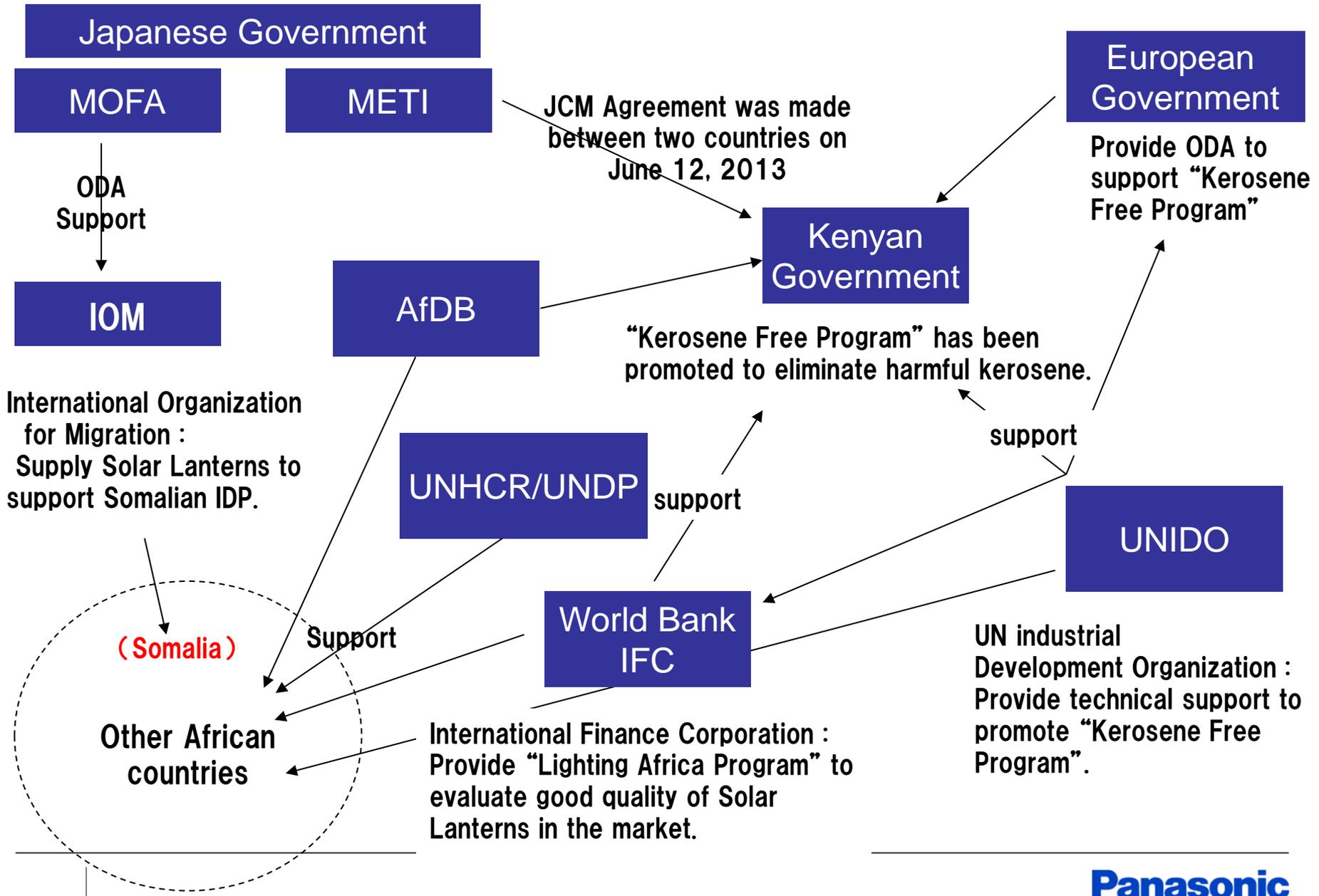


2. Participation in JCM project



Expected CO2 reduction; ; 9,200t-CO2/Year (100,000 solar lanterns)

Overall PPP Scheme



Panasonic