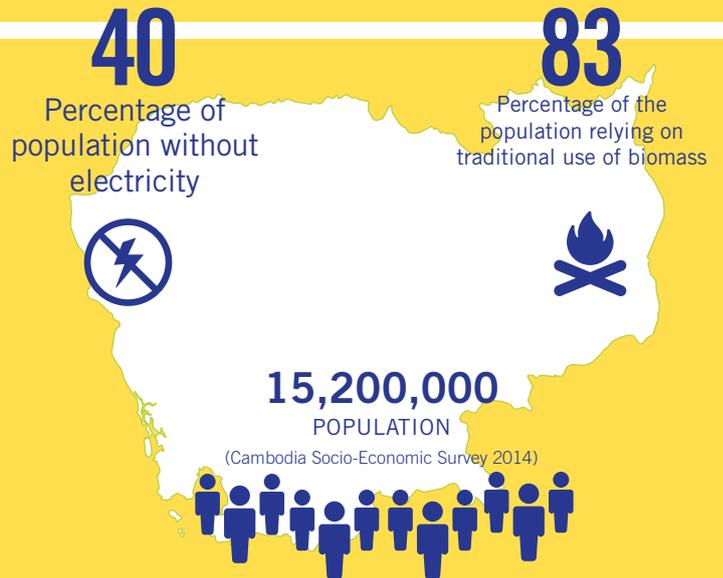


ENERGY ACCESS SITUATION IN CAMBODIA

Around 40 percent of the 15.2 million people in Cambodia have no access to grid electricity while around 83 percent of the population rely on traditional use of biomass for cooking. **ACCESS TO CLEAN ENERGY IS AN ESSENTIAL NEED.** Lack of it is one of the primary reasons why many people are unable to break the vicious cycle of poverty. Women and girls, in particular, are affected by the lack of reliable and affordable modern energy due to their traditional roles, household responsibilities and social and political status.

Clean energy provides new opportunities for green growth. **IT ENABLES BUSINESSES TO GROW, GENERATES JOBS AND CREATES NEW MARKETS.** Children can study after dark, families have access to more efficient sources of power, and countries can grow more resilient, with competitive economies.



Fishing in Cambodia's Kampong Chhnang province. (© UNCDF/Ivo Besselink)

GOVERNMENT TARGETS ON ENERGY ACCESS

The Royal Government of Cambodia is improving the energy access situation and has set the following targets:

- **All villages should have access to electricity services by 2020.**
- **By 2030, 70% of rural households should have access to quality electricity services.**

CleanStart supports the Royal Government of Cambodia in achieving these targets.

CLEANSTART STRATEGIC INTERVENTIONS IN CAMBODIA



- **Conduct energy market research** to facilitate energy policy development by the Royal Government of Cambodia.



- **Co-invest in innovation** in the business model of two clean energy service companies to reduce risks and speed up the trial and deployment of the innovations and prepare them for the next round of financing from, for instance, impact investors or commercial debt.



- **Link private sector and government** to integrate successful innovations in new energy policies.

The two companies that were selected by the Investment Committee of the CleanStart Energy Access Window, organized in collaboration with UNCDF SHIFT's Challenge Fund, are:



Hydrologic: which will manufacture, distribute and sell efficient cook stoves.



Kamworks: which will design, assemble, distribute and sell high quality solar home systems.

See reverse for more information on the CleanStart Energy Access Window.

UNCDF CLEANSTART energy access challenge fund window

UNCDF CleanStart, in collaboration with UNCDF SHIFT's Challenge Fund, opened at the end of 2015 an energy access challenge fund window for Cambodia, Myanmar and Uganda to:



Support financial institutions and other enterprises to achieve breakthroughs in consumer financing and/or energy value chain financing.



Support proven entrepreneurs and management teams to keep innovation firmly on their current agenda while building out their businesses for future growth.



Support innovations that will have a ripple effect in the whole market and inspire others to adopt winning strategies.

HYDROLOGIC



WWW.HYDROLOGICHEALTH.COM

OBJECTIVE: To locally produce and distribute very efficient cookstoves to the last-mile.

COMPANY: Social enterprise established in 2010 manufacturing, distributing and selling water filters; sold already 300,000 water filters in Cambodia.

INNOVATIONS: Partnership with GERES, an International NGO specialized in sustainable energy solutions to support local development, which designed the stove; adding the clean cookstove to the product line (manufacturing, distribution and sales using existing channels); undertake Human Centered Design methodology to develop tailored sales, marketing, distribution and financing strategies.



Traditional cookstoves are giving way to Hydrologic's new efficient stoves.

"The co-investment funding modality of CleanStart is very suitable for our company, it allows us to focus on results and provides us with the required flexibility in operations, while sharing risks."

RACHEL PRINGLE, GENERAL MANAGER, HYDROLOGIC



Left: Kamworks' employees assembling solar home systems. Right: Solar home system brings light to this home in Kampong Chhnang. (© UNCDF/Jessica Wong)

KAMWORKS



WWW.KAMWORKS.COM

OBJECTIVE: To dramatically scale up the sales of high quality solar home systems.

COMPANY: Social enterprise established in 2006 offering high quality solar solutions; sold 25,000 MoonLight solar lanterns, 12,500 SHS and professional solar systems.

INNOVATIONS: Development of Pay-As-You-Go platform; development of the second generation solar home systems; digitalization of field operations; innovative asset financing solutions.

"The technical support received from CleanStart in working out asset financing options is very valuable to us. It helps us to overcome our next challenge: scaling up our activities."

LAURENT LELEU, PROJECT MANAGER, KAMWORKS

CONNECT WITH US



Vincent Wierda
CleanStart Programme Manager
UNCDF Asia-Pacific Regional Office
vincent.wierda@uncdf.org

uncdf.org/cleanstart
@UNCDFCleanStart

UNCDF is the UN's capital investment agency for the world's 48 Least Developed Countries (LDCs). With its capital mandate and instruments, UNCDF offers "last mile" finance models that unlock public and private resources, especially at the domestic level, to reduce poverty and support local economic development. This last mile is where available resources for development are scarcest; where market failures are most pronounced; and where benefits from national growth tend to leave people excluded.