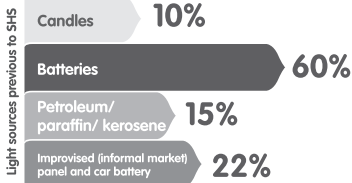


# MICRO ECONOMIC IMPACT

This study was carried out with the aim of measuring the impact that off-grid energy products, supported by the **BRILHO** programme, are having on the lives of the low-income population in Mozambique, with a focus on the provinces of Gaza, Inhambane, Sofala, Manica, Tete and Nampula.

This report is the result of a quantitative descriptive survey carried out in 2023 of 402 end users of **Solar Home Systems (SHS)** and 392 **Improved Cooking Solutions (ICS)** from BRILHO's MDF investee companies, including end-users from 6 SHS companies and 6 ICS companies, of which 45% of end-users are female.

## Without SHS



# SHS

(Solar home systems)



1.4 Candles/Day with a monthly cost of **399 MZN**



1 Battery/Day with a monthly cost of **472 MZN**



Petroleum / paraffin / kerosene with a monthly cost of **719 MZN**



**4,378 MZN** with a maximum duration of 9 months

## With SHS

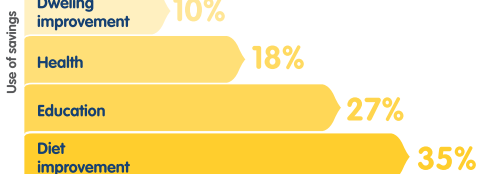


**398 MZN/month**  
Average cost of a market entry (Tier 1) system

**365 MZN/month**  
Savings while paying PayGo installments



**842 MZN/month**  
Savings after paying all the PayGo installments

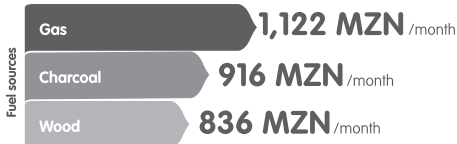




# ICS

(Improved cooking solutions)

## Without ICS



**2,246 MZN**  
Average cost of an informal market stove

## With ICS

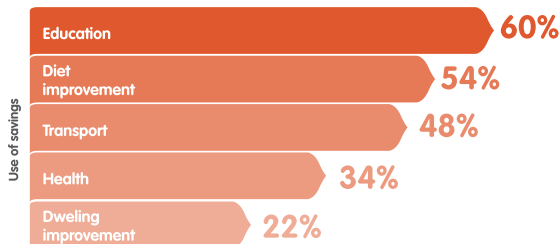


**517 MZN**  
Average cost of a market entry (Tier 1) ICS

**1,729 MZN**  
of savings when purchasing an ICS unit



**503 MZN /month**  
saved in cooking fuel costs



Financed by



Implemented by

