

# KENYA'S OFF-GRID SECTOR



Total Population: **49,699, 826**  
(World Bank, 2017)  
Off-grid Population: **17 Million**

### Narrative:

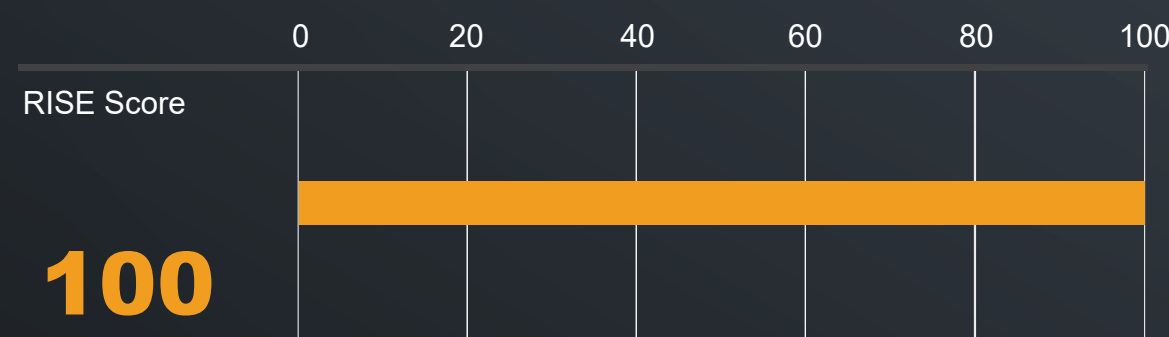
Kenya is the most mature off-grid market and the birth place of the pay-as-you-go solar business model which has allowed off-grid solutions to reach thousands of rural low-income households. Kenya continues to be an example to other countries around the world due to its progressive National Electrification Strategy 2018 which incorporated off-grid solutions as part of the energy mix to reach 100% electrification by 2022. The Kenya Off-Grid Solar Access Program (KOSAP) launched in November 2018 has further entrenched Kenya's lead in off-grid as it targets 14 underserved counties which are sparsely populated and unlikely to be connected to the grid in entirety. The off-grid population in the region is 650,000 households.



**36.8%**  
Poverty Headcount Ratio, in 2010 (World Bank)



**50%**  
Rural Electrification Rate: 50% (World Bank, 2016)



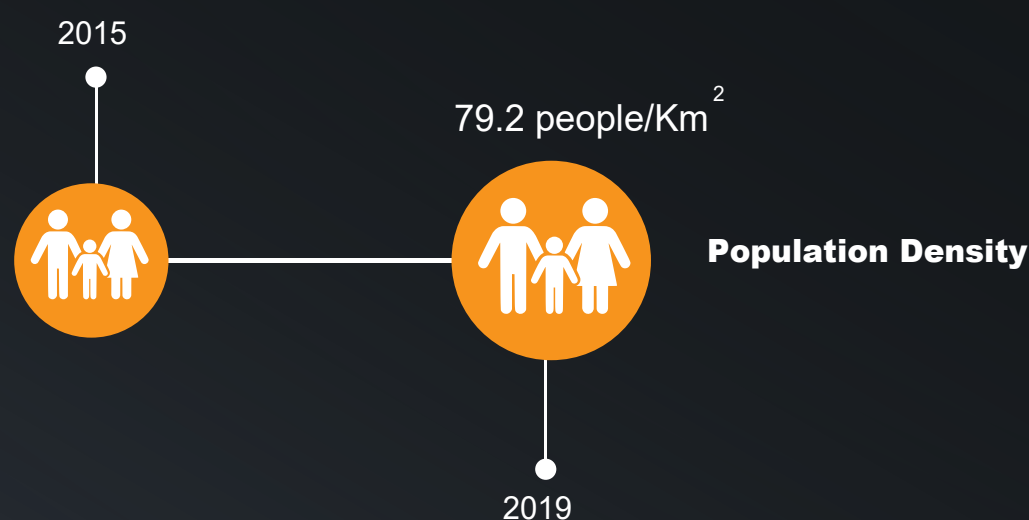
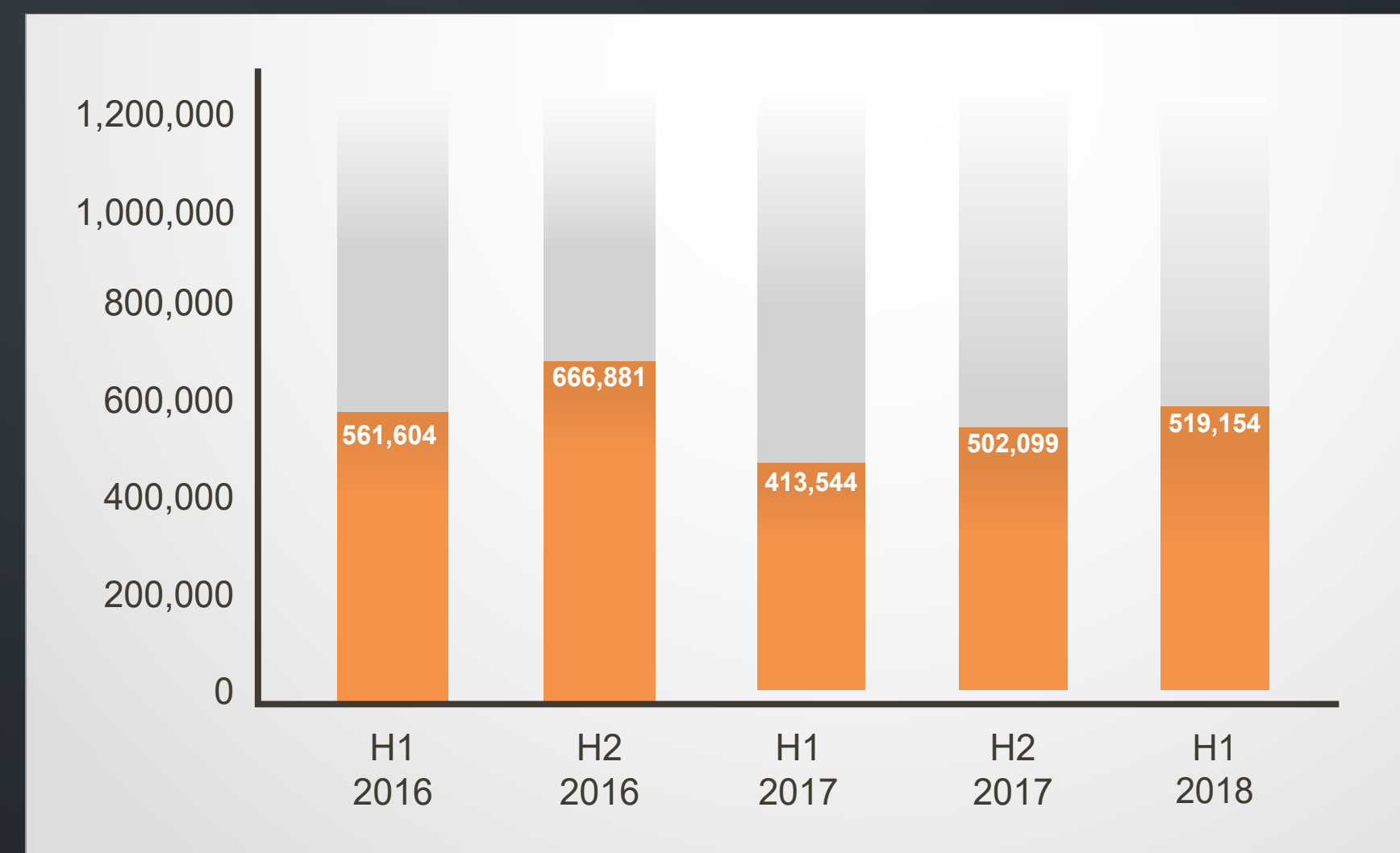
Kenya has the highest RISE index score on the framework for stand-alone solar. The three indicators for the average framework are; existence of a national program for solar home systems, standards and quality (adoption of quality standards, presence of testing arrangements, environmental regulations on disposal of solar related waste), financial incentives (duty exemptions or specific financing facilities).

**100**



Pay As You Go Attractiveness Index (IFC Lighting Global 2018)

### Sales (pico & SHS(GOGLA))



**75.9%**



Mobile money use (World Bank Financial Inclusion index 2017)



Increased access to reliable energy for poor and vulnerable people.