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SLIDES: NOKERO: Power to the Powerless

Stephen Katsaros

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2012 Energy
Justice Conference

Appropriate
Sustainable
Energy
Technologies
Panel



Power to the Powerless

Power Reduces Poverty

Solar Lamps

- 1.3B without electricity
- ~\$40 of kerosene per lamp annually
- Nokero Breakeven
 - Haiti 90 days
 - Mexico 15 days
 - Pakistan 21 days

Power Reduces Poverty

Solar Phone Charger

- 700M cellphones off-grid
- ~\$40 of charging per year
- Nokero Breakeven
 - 3 weeks @ 14-20 charges per week



First 2 years

sold 400k solar products

to 120 countries

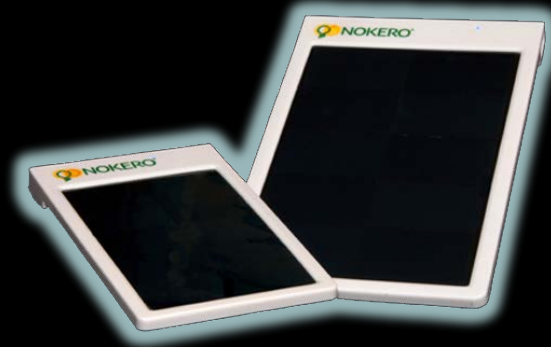
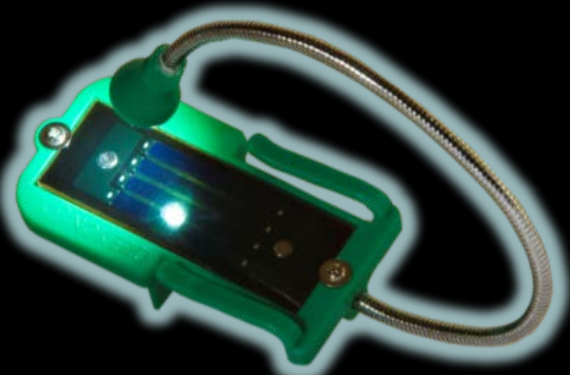
for \$3M revenue

on \$60k investment

A.S.E.T.

Appropriate
Sustainable
Energy
Technologies

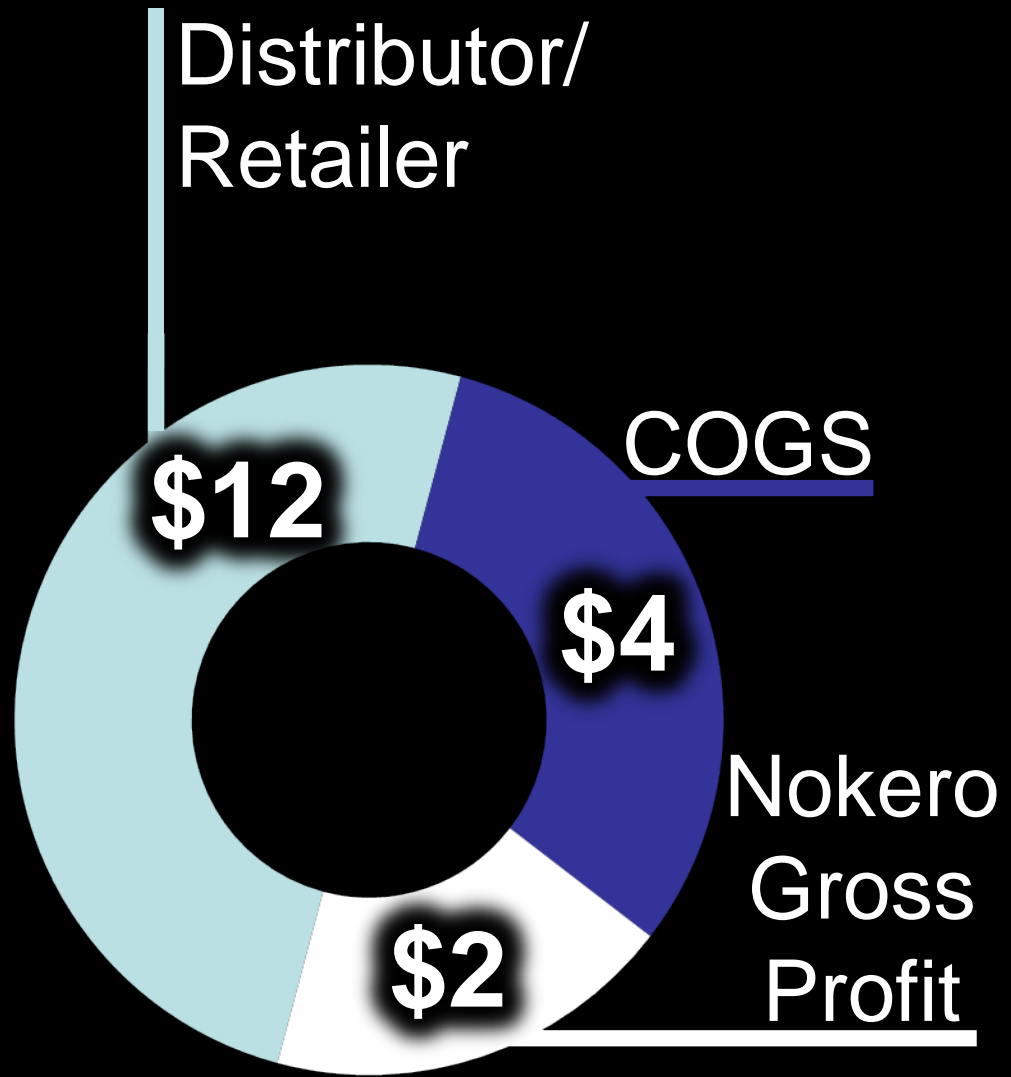
Appropriate Sustainable Energy Technologies



Appropriate
Sustainable
Energy
Technologies



N200
\$12 m.s.r.p



Appropriate Sustainable Energy Technologies



400,000 lamps @ 75% target market =
300,000 kerosene lamps replaced
@40 liters / lamp-year => 12,000,000 liters
@2.6 Kg / liter => 32,200,000 Kg CO₂

32,200 METRIC TONS OF CO₂

CNN

treehugger
A Discovery Company

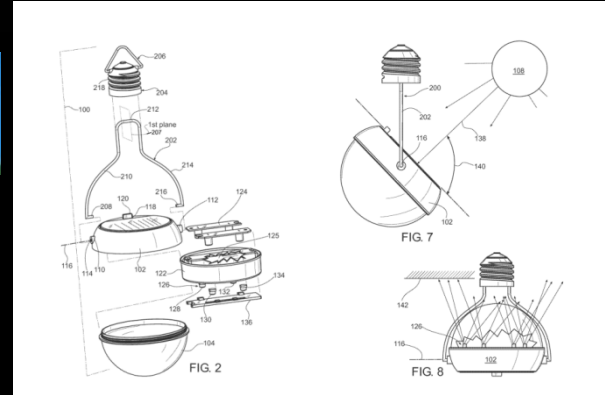


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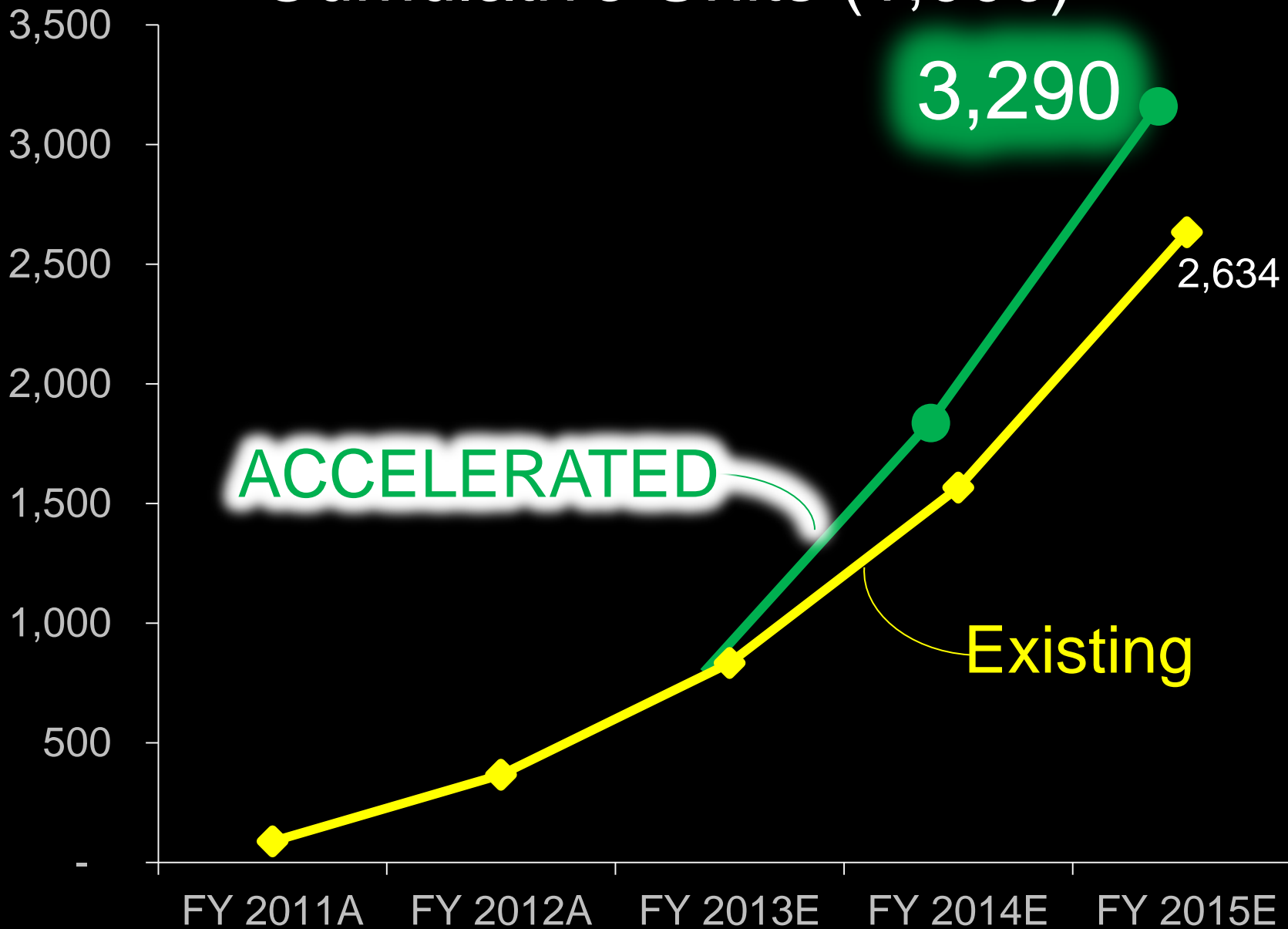
HAITI



KENYA



Cumulative Units (1,000)



First 2 years

sold 400k solar products

Next 3 years

3m solar products

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