



Two Market – Two Brands



- Rural Distribution Network
- Currently focused on SHS
- Retail and Wholesale of DC Appliances





- Residential, Commercial, and Industrial.
- Off-grid and On-grid solutions.
- Engineering and consulting services



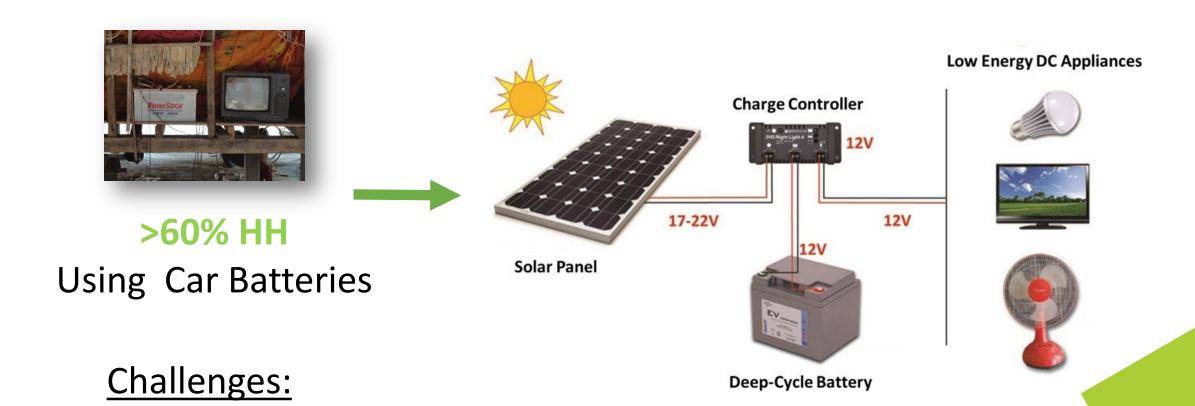


- No investment in local communities

- Lack of proper engineering

- Little/No after-sales support

Energy in Cambodia





Distribution Model

Phnom Penh Head Office

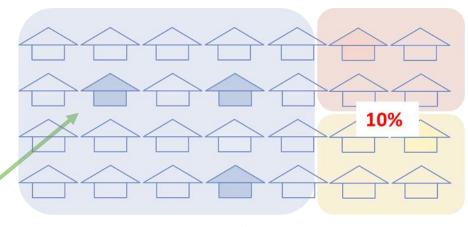


Local Branch Office

Kampong Thom Branch Office



- 3x Technicians
- 3x Sales Agent
- Manager & Admin



VC









Distribution Model

After-Sales Support

- Structured after-sales plan
- 24hr service hotline
- 48hr issue resolution



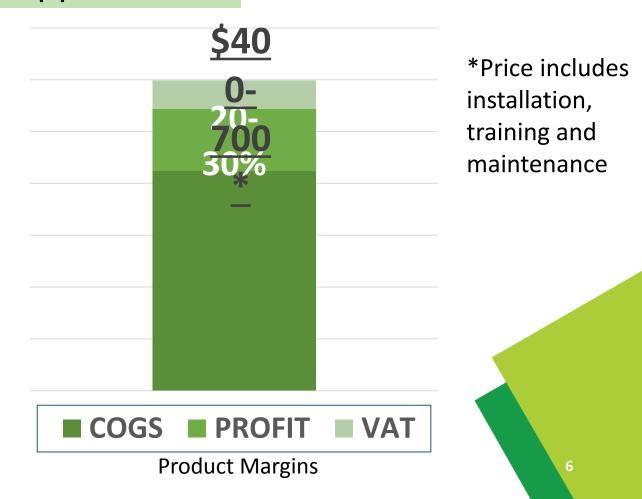




Business Model

Sale of Solar Home Systems and DC Appliances:

- MFI Partnerships
- Direct (Cash) Sales
- Key Accounts (e.g. NGOs)





Current Offices

Phnom Penh Head Office









Financial Ask

We are asking for \$500K for 30% Equity

Board Seat

IRR 23% at year 6 (Based on Dividends)



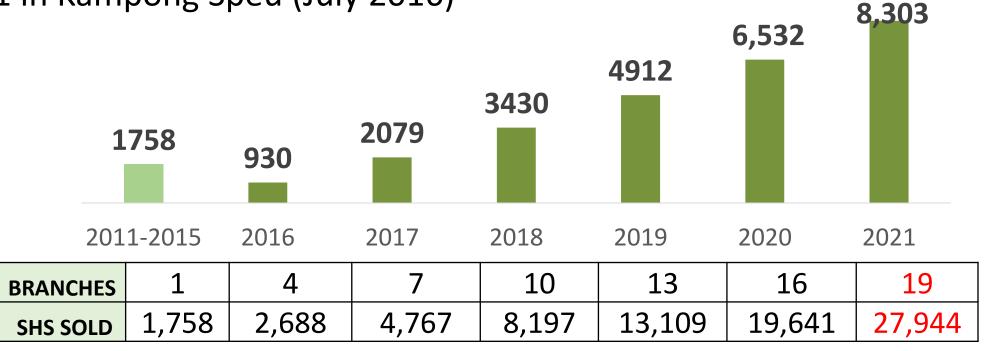


Expansion Plan

Opening 3 Branch offices per year

2 in Kampong Cham (Feb, Sep 2016)

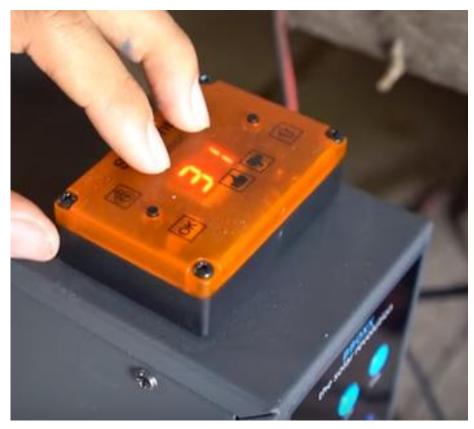
1 in Kampong Speu (July 2016)







Pay-As-You-Go (PAYG)



Simplified PAYG technology



User-training during PAYG pilot project



Team



Pha Sovananra,
Distribution
Manager



Pin Phalla, Technical Manager



Jack Pegler,
Business
Development



Tha Nipidour,
Customer
Satisfaction



Achievements to Date

Accredited by "Good Solar"







Selected for Shujog ACTS



Founding member of Solar Energy Association of Cambodia



Runner-Up at PFAN Biz Plan Competition 2016





SunTransfer



Equity Investment

Knowledge exchange with similar companies

\$200,000 revolving credit line at 6% p.a.

One project a year to be used for Business Development



Commercial and Industrial Solar Solutions



Project Pipeline:

Completed: 23 Installations

Pipeline: – 11 Projects

– Range: (5-500kWp)

- Total: \$884,000

#	PROJECT	STATUS	ТҮРЕ	PURPOSE	CONTRACT	SIZE PV (Wp) Thermal (m2) Water Pump (m3) E&E (kWh)	PRICE
1	Bayon School	0. Completed	PV	Off-grid	EPCC O&M	2,000.00	\$22,400.00
2	Ian Jones - Thermal	0. Completed	Thermal		EPCC	17.80	\$16,425.00
3	Ian Jones - PV	0. Completed	PV	On-grid	EPCC	4,340.00	\$15,983.94
4	NRG Radio Station	0. Completed	PV	Back-Up	EPCC O&M	2,200.00	\$14,420.00
5	Bambino Gesu Hospital	0. Completed	PV	Off-grid	EPCC O&M	600.00	\$11,229.50
6	Kirimeanun School	0. Completed	PV	Off-grid	EPCC O&M	750.00	\$10,309.20
7	Camkids Clinic	0. Completed	PV	Off-grid	EPCC O&M	660.00	\$9,175.00
8	Radio Station Inverters	0. Completed	Procurement	-	P	1.00	\$8,843.41
9	Bayon School 2	0. Completed	PV	Off-grid	EPCC	950.00	\$7,279.37
10	Prek Svay School	0. Completed	PV	Off-grid	EPCC O&M	960.00	\$6,000.00
11	Camkids Refit	0. Completed	PV	Off grid	EPCC O&M	380.00	\$5,396.00
12	MoA - Telecenter	0. Completed	PV	Off-grid	EPCC O&M	300.00	\$5,217.50
13	Liger Staff Dormitories	0. Completed	PV	Off-grid	EPCC O&M	440.00	\$2,950.00
14	John Phifer	0. Completed	PV	Off-grid	EPCC	240.00	\$2,385.26
15	Arakawa - 200 samples	0. Completed	Procurement	LED	P	0.00	\$2,250.00
16	Camkids street lights	0. Completed	PV	Off grid	EPCC O&M		\$2,208.00
17	Janet King	0. Completed	PV	Off-grid	EPCC O&M	0.00	\$1,984.72







Project Financing:

Client: New Special Economic Zone

Type: Rooftop for 20-25 Factories

100kWp/Roof

Size: TOTAL: USD 2.6M-3.2M

Financing:

- Individual rooftops or entire portfolio
- 5 year loan





solutions Authorized Distributor:



Thank You!









APPENDIX



Company Structure

SUNTRANSFER (25%)

DANIEL (75%)

NRG HOLDING

SINGAPORE

KRUOSAR SOLAR NRG SOLUTIONS (ENGINEERING)

CAMBODIA



Competition

- Existing solutions (Kerosene & Car Batteries)
- } Expensive & dangerous

- Local (mobile) Sellers
- Local markets and hardware/electrical shops
- Non-accredited solar companies
- Other "Good Solar" Accredited Companies

Cheap but low quality, no financing & poor design and service.



Competitive Advantages

ADVANTAGE

BENEFIT TO CUSTOMERS

- Engineering & Design

Longer lasting systems

- Unique DC Appliances

Higher quality, more efficient

- Simplified PAYG technology

Easier, cheaper financing

- Strong Focus on After-Sales

Fewer problems, solved faster



Risks & Mitigation

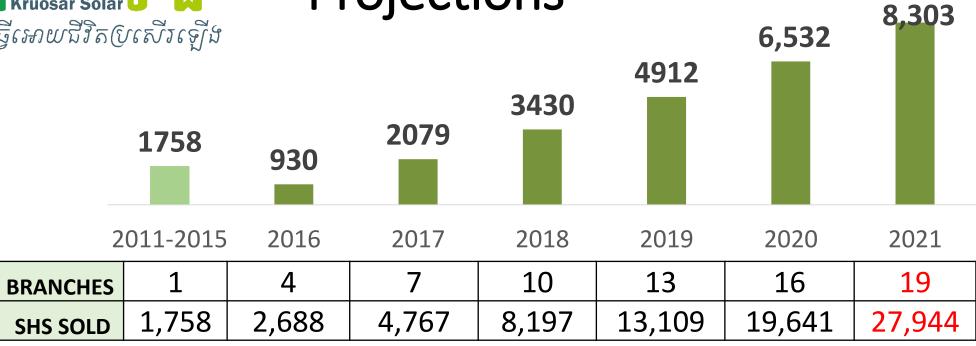
- Grid Expansion
- Subsidized Products
- Product Malfunction / Misuse
- (Lack of) Regulatory Policy
- HR / Recruitment

Extensive Market research

User training and maintenance plan



Projections



	CUMULATIVE IMPACT IN 2021								
PEOPLE IMPACTED	GHG kgCO2e	EXTRA HOURS OF LIGHT	EXTRA HOURS OF STUDY	ENERGY SAVINGS					
152,295	3,316,992	31,550,295	6,310,059	\$6,564,880					



Results & Impact

>1700 Solar Products Installed 2011-2015

- Impacting >9500 People
- Avoiding >158,500 Kg CO_{2e}
- >1.5M extra hrs of lighting
- >300,000 extra hrs of study
- >\$310,000 in energy savings







Thank You!





Summary

Ask:

We are asking for to expand our last-mile distribution network.

Financial Return:

-% Equity

- IRR 23% at year 6 (Based on Dividends)

- A board seat

Social Return:

CUMULATIVE IMPACT IN 2021									
PEOPLE IMPACTED	GHG kgCO2e	EXTRA HOURS OF LIGHT	EXTRA HOURS OF STUDY	ENERGY SAVINGS					
152,295	3,316,992	31,550,295	6,310,059	\$6,564,880					

