

TRINE TEASER

# Electricity Changes Everything



TRINE



# 1.2

billion people globally lack access to electricity and rely on the traditional use of dirty fuels such as kerosene or diesel.

## Social implications

- Breathing kerosene fumes is the equivalent of smoking two packets of cigarettes a day. Two thirds of adult females with lung cancer in emerging nations are nonsmokers
- Flammable fuels are source of fires, cause severe skin & eye irritation, coughing, allergies and skin cancer
- Kerosene is up to 10 times more expensive than using solar lamps for light. More than \$27 billion that could be spent on other things.

## Environmental implications

- Kerosene lamps emit almost entirely black carbon (BC) and CO<sub>2</sub>, both of which cause global warming
- Natural habitats are protected from deforestation, as currently wood is collected for cooking
- Kerosene and diesel dependence lead to toxic waste in living areas and water sources
- The immediate indoor air environment is a health hazard, due to black-carbon emissions

## Economic implications

- Lack of mobile phone charging possibilities gravely hinders communication & commerce
- Entrepreneurial development and productivity stunted due to lack of proper light sources
- Information vital to development of local business and agriculture cannot be accessed due to lack of power supply for internet access points
- Access to markets outside of the local one is denied the farmers and entrepreneurs

This fact has huge social, economic and environmental implications.

TRINE is an investment platform where customers invest in solar energy projects with impact



333 500

€ funded



7

solar projects



40 615

people with electricity



5 162

ton CO<sub>2</sub> mitigated

TRINE is an innovative start-up closing the gap between private capital in developed countries and solar partners in emerging markets by offering an alternative finance solution to off-grid solar projects through a novel crowdfunding model. We bring solar energy to the 1.2 billion people in need of access to electricity and make it easy for people to make a social and environmental impact while also earning a return on investment.

# Business Model and Revenue



TRINE closes the financing gap between private capital and local solar entrepreneurs in emerging markets.

# Our first project: Kudura project in Sidonge, Kenya with solar partner RVE.Sol



7kWp

hybrid solar installation



50

families with electricity



5+

businesses with electricity

# Our first project: Sidonge Project Impact

## Impact

- 0 cases of waterborne illnesses due to potable water
- 47 % increase in school grades due to night time lightning for studying
- 74 % reduction in energy costs for families
- 72 % reduction in kerosene usage
- 180 % increase in girls attending school in village
- 100 % increase cassava crop yield due to information to farmers on TVs

# Team & Advisory Board

Team



**Sam Manaberi**  
Founder & CEO



**Andreas Lehner**  
Founder & COO



**Hanna Lindquist**  
Customer Growth & Marketing



**Matthew McShane**  
Solar Projects, Nairobi Office



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**Niclas Sahlin**  
Front-end Designer

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**Lena Apler**  
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**Niklas Adalberth**  
Klama



**Lars Jacobsson**  
The Perfect world foundation

A startup that actually is going to CHANGE the world







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