bettervest

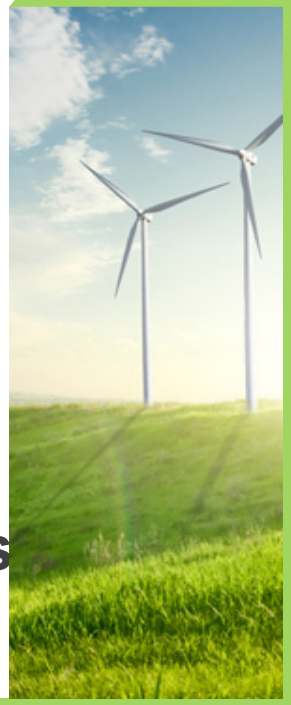
sustainble • efficient • profitable

Financing mitigation projects in South America and Africa

The Energy Transition Beyond Renewables

The global energy transition is focusing on developing and implementing crucial renewable energy sources. Another vital component of climate change mitigation is finding more efficient ways to use energy, i.e. **implement technologies that use less energy in the first place.**

Energy Transition!

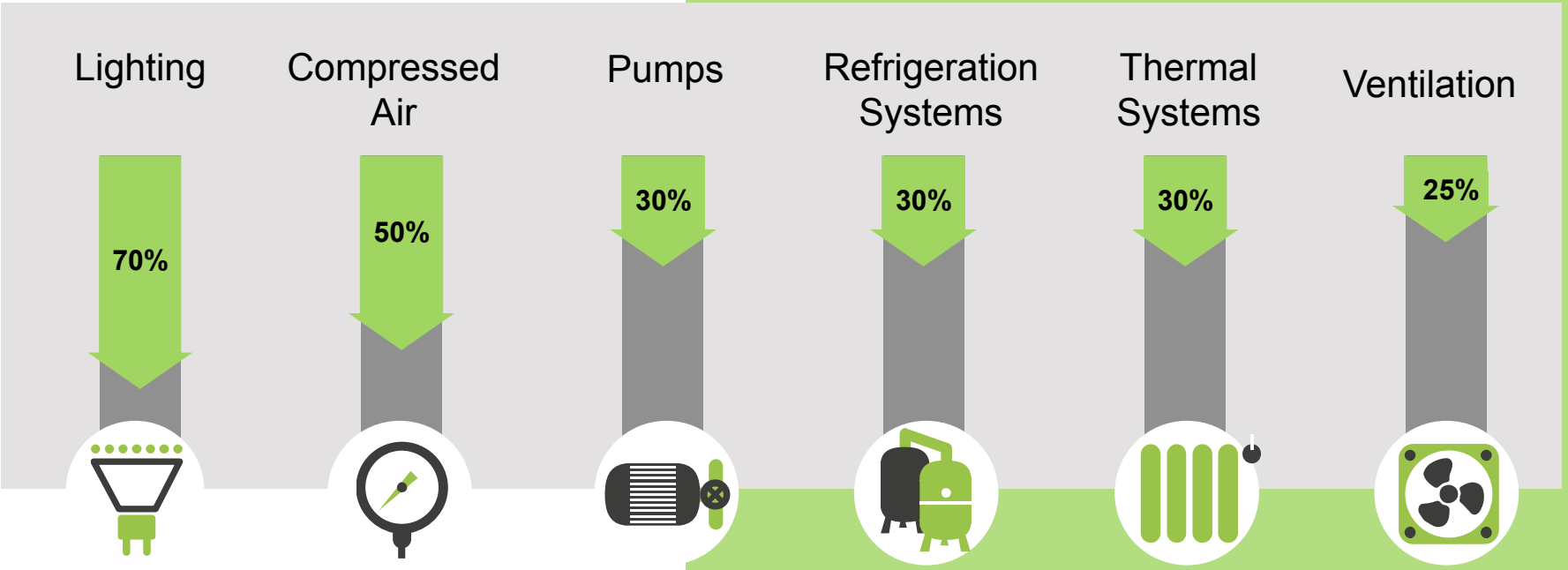


Renewables

Energy Efficiency

Public Participation = the Foundation

Energy Efficiency = Gigantic Savings



PROSPECTS

Save 20 billion € annually in Germany

Cut global energy demand by half in 2035

Achieve maximum CO_2 emissions before 20

Hurdles:
Why energy efficient projects fail

Saving energy requires large initial investments

Available funds and cash flows are directed elsewhere

Measures with ROI > 2 years don‘t have any chance

Lack of awareness on the issue

The Solution
bettervest in a nutshell

bettervest is the 1st **crowdinvesting** platform that enables citizens to jointly participate in energy efficiency projects and benefit financially from the energy costs saved.

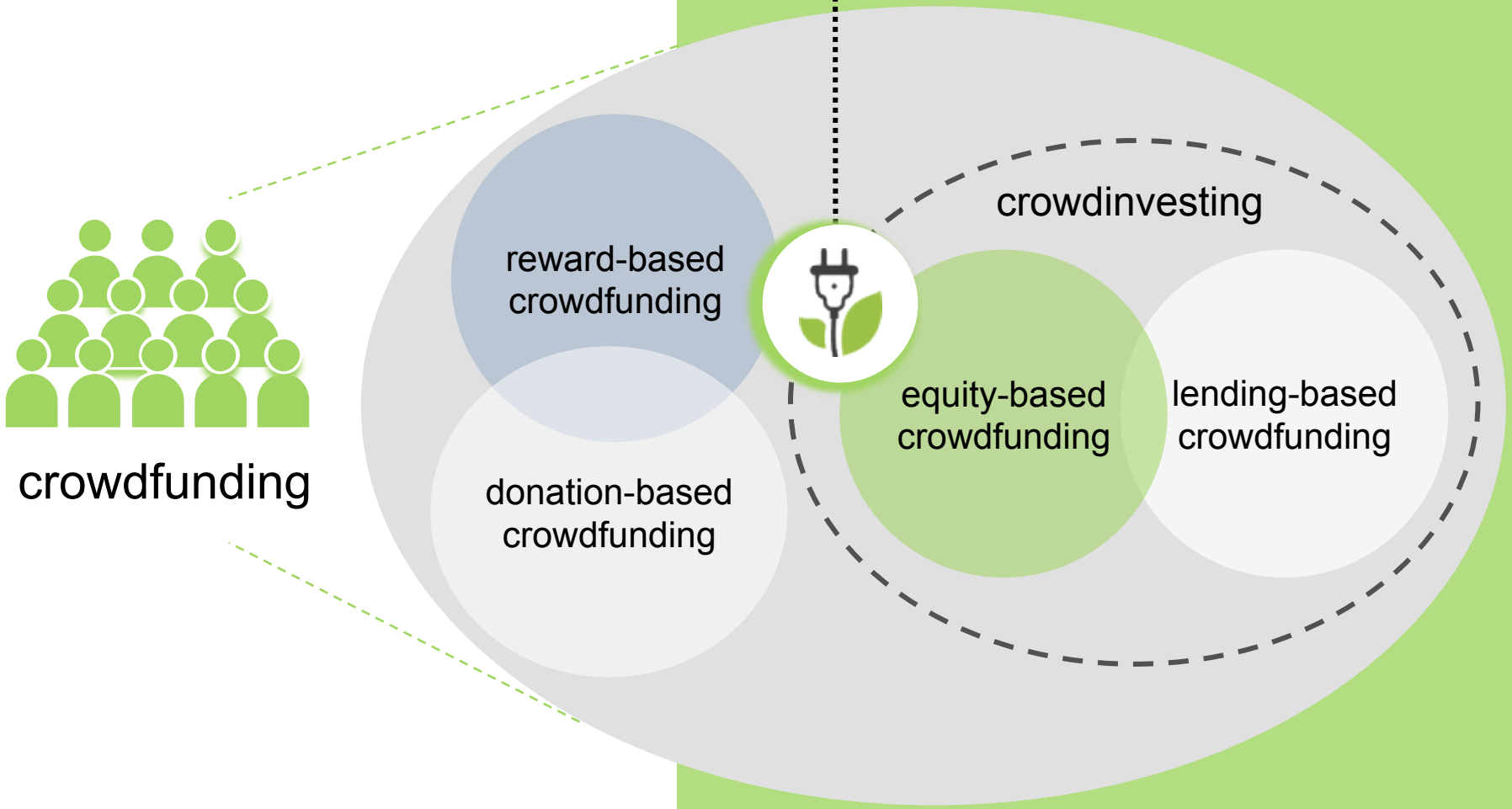
Why crowdinvesting?

Many people want to get actively involved in the energy transition and put their money to good use. With fossil fuel divestment gaining popularity and demand for alternative investments rising, we offer transparent investment opportunities with a positive environmental and social impact. Wallet size doesn't matter: citizens can invest as little as 50€.

Project initiators, like schools and hospitals, save energy and money. Investors benefit from a green return and CO2 emission are reduced. Its a win win win.

Crowdfunding markets bettervest is uniquely positioned

Financial returns + product samples, coupons or discounts



bettervest Business Model
How it works

INVESTITIONEN

Individual investments
50 – 10,000 €

Up tp 100 % financing

Money transferred to escrow account

Crowd

- Ecological investment
- Interest rate
- Optional: coupons, discounts

one-time comission +
yearly handling fee

Projects

- No capital needed
- marketing
- CSR

Money distributed by escrow account

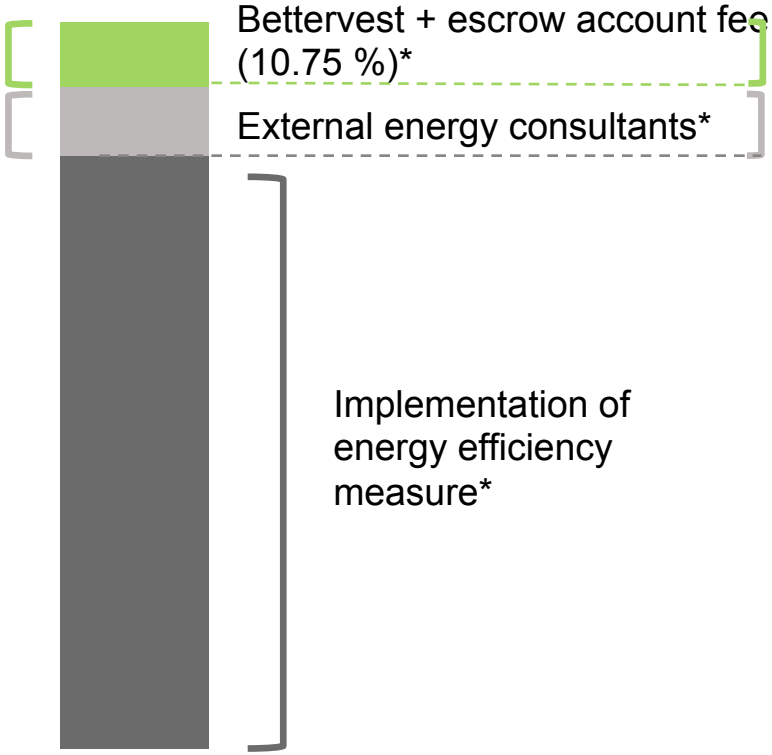
Annual repayment +
interest payment

Distribution of 80 %
of the savings

RETURNS

Financing
What we finance

Funding sum

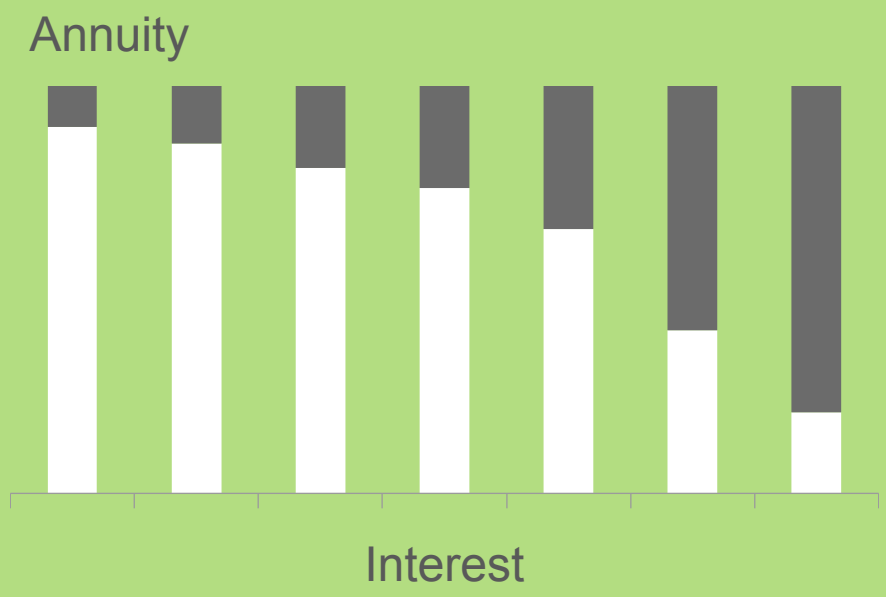


* without USt.

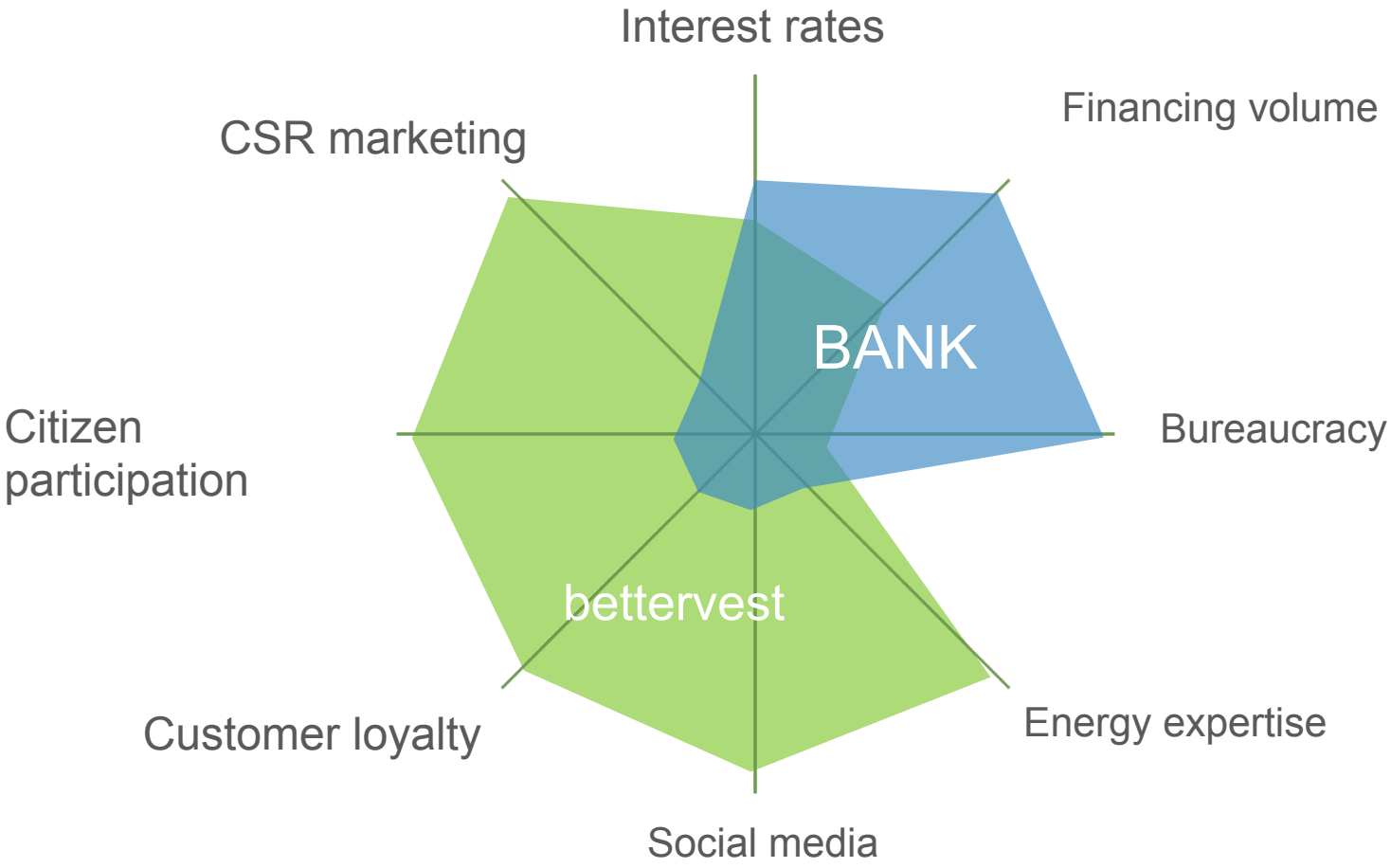
How we finance it

Annuity

Individual interest rates and terms are calculated for each project



Incomparable service
bettervest vs. traditional banks

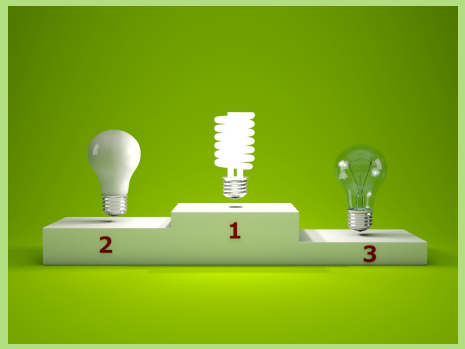


Unique Selling Points
What makes bettervest better?

ENERGY EFFICIENCY
While most platforms concentrate solely on renewables, our focus is first and foremost on energy efficiency. From there, projects are frequently combined with renewable energy generators to maximise their potential.
The return on investment comes directly from the energy costs saved.

SOCIAL IMPACT
We are the only platform in Germany that funds projects both nationally and internationally. Climate change must be tackled globally, and we believe in supporting developing countries in doing so. Moreover we engage with local communities, create jobs, promote education and fuel local economies.

DEMOCRATIC PARTICIPATION
It is our goal to allow anyone, regardless of the size of their wallet, to help make the world a greener place. That's why users can invest as little as 50€ on our platform: the lowest entry sum across all crowdinvesting sites.



Unique Selling Points
What makes bettervest better?

TEAM
Our founding team is exceptionally diverse in terms of background and expertise: a cognitive scientist, an engineer, IT-specialist, marketing expert and economist turned auditor. This enables bettervest to skilfully overcome the high barriers to entry that otherwise make the energy efficiency market difficult to penetrate.

NETWORK
As well as possessing internal energy expertise, we have an extensive network of consultants and experts at our disposal to handle technical complexities and support our due diligence processes.

PATRON & ADVISORY BOARD
Our patron, german scientist and politician Prof. Dr. Ernst Ulrich von Weizsäcker, is a distinguished expert on resource efficiency and climate protection. Our advisory board is comprised of two highly qualified engineers, a professor of entrepreneurship and management, and a professor for energy management.

“A concept, powered by citizens, which strengthens the energy transition and ensures all stakeholders profit, is one that I happily support.“

bettervest patrin: Prof. Dr. Ernst Ulrich von Weizsäcker

Case Study
Landfill gas climate protection project, Columbia

GOAL – Every 2 hours, humans collectively discard a container ship worth of trash. This waste is often discarded in landfills where it remains for decades, even centuries. Aside from harming local ecosystems, landfills produce large amounts of methane which, if left untreated, enters the atmosphere, causing around 25 times as much climate damage as CO_2.

Five years ago, two landfill-gas projects, were initiated in Cartagena and Pirgua-Tunja, Colombia. In the scope of these projects, the gas produced on the landfills was to be collected and burnt. This causes the methane to oxidise whereby its emission into the atmosphere is avoided. In order to revive these dormant landfill plants, which were forced to shut down, an additional 110,300 € was needed. Once fully in service, these projects will help avoid an astounding 146,214 tons of CO_2 equivalent from being emitted per year.

What makes this project unique?
The project was built under the auspices of the Clean Development Mechanism (CDM), launched by the UNFCCC. Under the CDM, developed countries can meet their emissions limitation targets by supporting emissions-reduction projects in developing regions.

Successfully funded 02/2017

Overview

8 % return on investment

146,241 t CO_2 saved

3 year term

100 % increase in efficiency

110,300 € invested

197 investors

Case Study
8 solar boutiques in offgrid villages in Senegal

GOAL – 32 % of Senegal's rural population lack access to electricity. This significantly hinders the self-sufficient development the country is striving for. Another big problem is the high unemployment rate amongst young people. With its project, Bonergie, a supplier of electricity solutions, wants to kill two birds with one stone. Its solar boutiques provide rural areas with light and clean electricity, while simultaneously creating jobs for young people. The boutiques, which run on solar energy, will be operated by independent franchisees. Revenue will be generated by selling daily consumer goods, solar products like solar lamps and solar home systems and by services like charging mobile phones or transferring money.

What makes this project unique?
The franchisees are given 3 years time to repay the purchase price and the financing costs to acquire and operate the boutique. Afterwards they run the business independently. In order to ensure the self-sustainability of the businesses, Bonergie supports the young entrepreneurs on their way to economic independence throughout this 3 year period.

Successfully funded 01/2017

Overview

7.25 % return on investment

11.6 t CO_2 saved

7 year term

100 % increase in efficiency

106,550 € invested

225 investors

Case Study
Solar Power for the Family Health Hospital in Accra, Ghana

GOAL – To supplement unreliable public energy supply, the roof of the hospital was fitted with photovoltaic panels. Being locally sourced, the now decentralised energy supply enables the hospital to pursue its operational priorities during the frequently occurring power outages. To ensure a steady supply of energy, even throughout the night, a storage system comprising two lead-acid batteries is to be put in place. Furthermore, the additional electricity generated by the hospital (the hospital only needs about half of the 86.976 kilowatts per hour produced) will be fed back into the public energy grid for which the hospital will be credited, by a process called “net metering.”

This project not only benefits the environment but helps support the vital services the hospital delivers: treating patients and teaching the next generation of doctors.

Overview

Successfully funded 31/10/16

7 % return on investment

26.17 t CO_2 saved

7 year term

100 % increase in efficiency

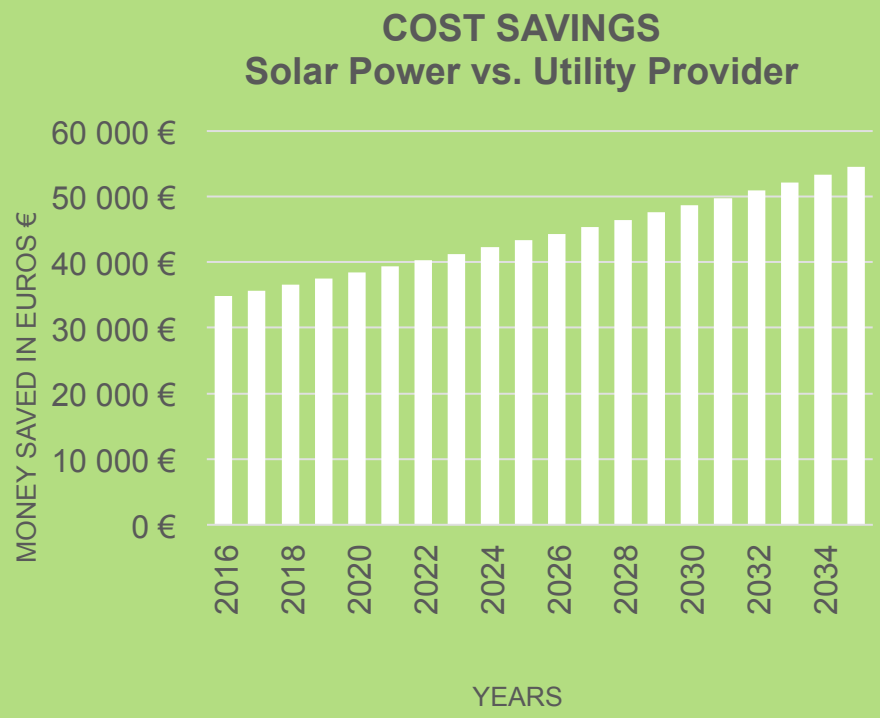
183,350 € invested

272 investors

Case Study
Family Health Hospital
Accra

The Ghanaian energy grid emits **1.08 kg CO_2 per kWh** generated.

By installing solar panels the hospital prevents a total of **26,166.84 kg CO_2** from being emitted into the atmosphere.



Case Study
Family Health Hospital
Accra

Serial Collaboration

Family Health Hospital is one of a series of international projects we have funded on our platform. Following the solar panels for the Maria Montessori School in Kumasi, Ghana and the photovoltaic-hybrid system installed in the St. Martin-de-Porres School in Dansoman, Ghana, Family Health Hospital is the third project in cooperation with UMAWA Ltd. The next project with UMAWA is already waiting in the bettervest pipeline.

St. Martin-de-Porres School in Dansoman

28 t CO_2 saved yearly

Maria Montessori School in Kumasi

31 t CO_2 saved yearly

SOCIAL IMPACT STARTUP
Ermöglicht durch SAP SOCIALIMPACTSTART.EU

GreenTec Awards

GEWINNER PUBLIKUMSPREIS
PERPETUUM 2015
Deutscher Energieeffizienzpreis

Karma Konsum

Ausgezeichnet für zukunftsweisendes Engagement im Rahmen von
ROBERTBOSCH
Verantwortung unternehmen!

enorm
Wirtschaft für den Menschen

eit Knowledge & Innovation Community
Climate-KIC

CODE_n

WERK STATT N PROJEKT 2015
Ausgezeichnet durch den NACHHALTIGKEITSRAT

Deutschland Land der Ideen

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