



MOLDOVA'S SOLAR DILEMMA

AND HOW TO SOLVE IT

by UNDP Moldova

**Information**

Beautiful landscapes, great wine, fine people and many other aspects yet to be discovered and developed.

Your name: status here

Wall

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Photos

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+

Attach:



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Moldova: I have 2400 hours of sun per year!!! How do I use it with maximum benefit? Pls advise. Xoxo

Feeling: *confused but optimistic*

THE OTHER INCENTIVES TO GO SOLAR ARE

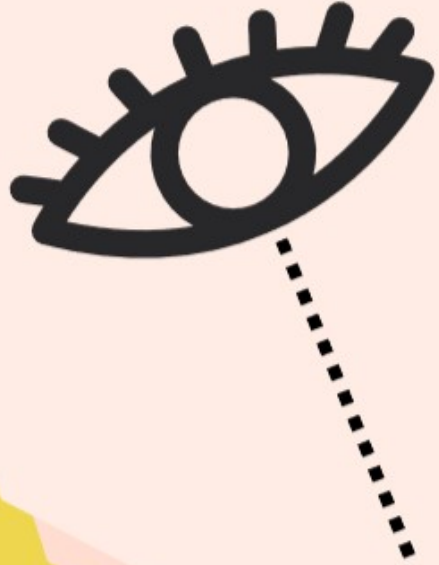
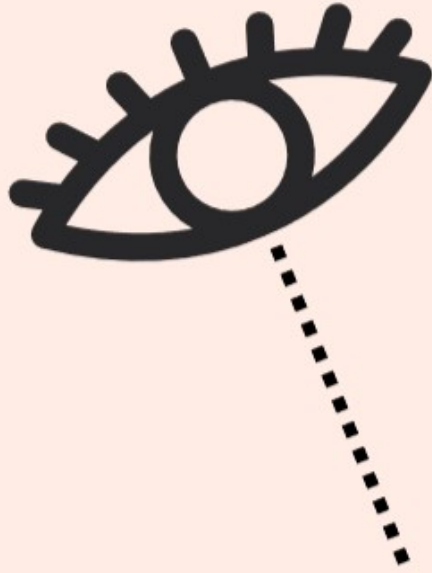
74%

percent of the energy in
Moldova is imported

50%

increase in energy prices
during the last five years.





INSTITUTIONS WITH BIG ROOFS

+

PRIVATE INVESTORS

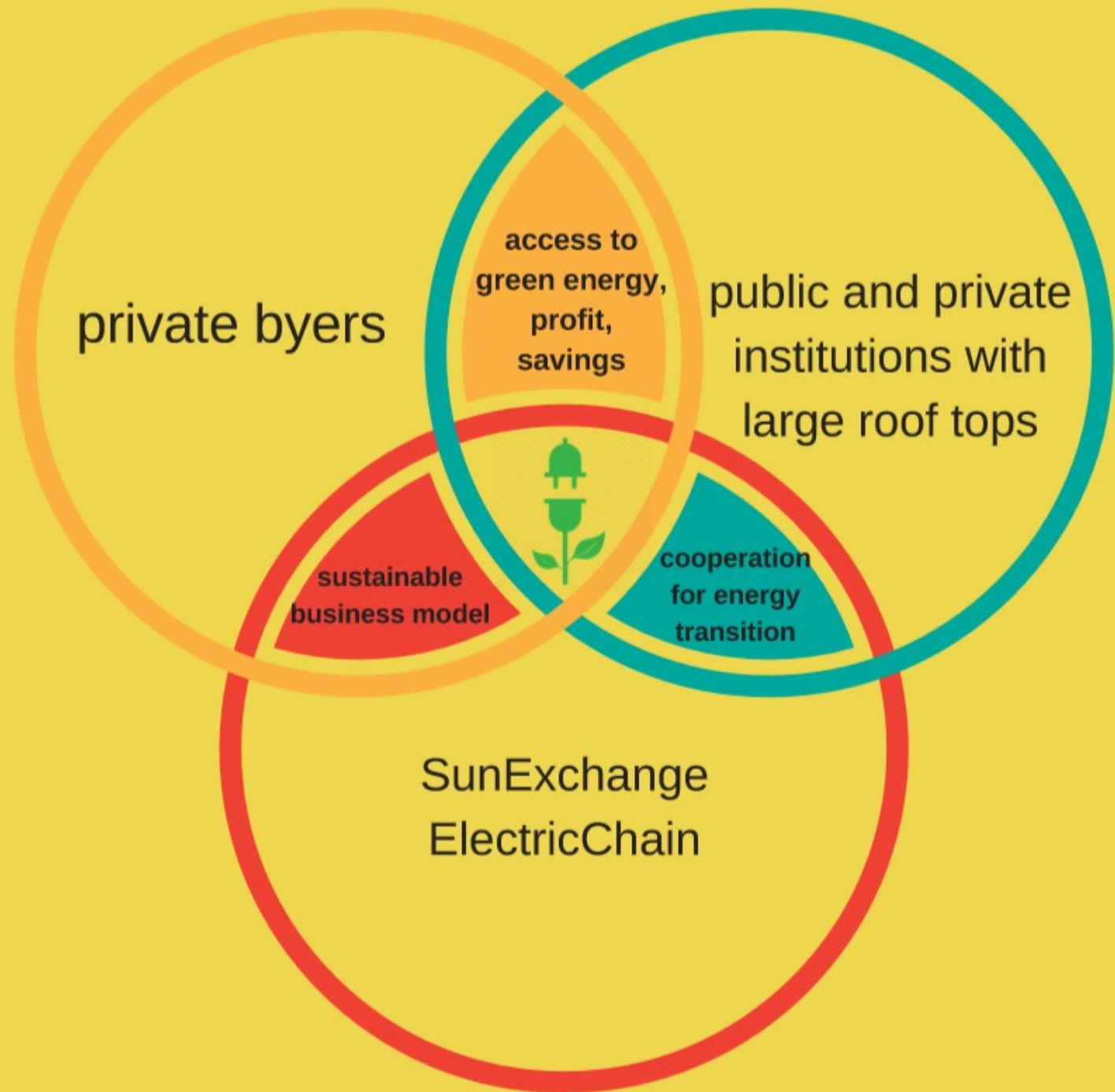
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SUN





*Empowered lives.
Resilient nations.*





Special Purpose Vehicle, company founded locally by Sun Exchange, that acts as solar energy provider



1mW power

1 million dollars acquisition cost

The Technical University pays the same bill as before, but not to the local provider, but to Special Purpose Vehicle, thus reimbursing the costs of the solar panels.

People all over the world can buy solar cells and lease them to public institutions or individuals globally at:
4-6% interest rate, with
8-10 years payback period

ABOUT SUN EXCHANGE



Online marketplace where anyone can purchase solar cells and have them power businesses and community buildings in the sunniest locations on earth



Utilizing Blockchain technology, The Sun Exchange's platform facilitates the micro-leasing of solar cells to hospitals, factories, schools and other buildings with large roof surfaces.

ABOUT ELECTRIC CHAIN



Promotes block chain technology in the solar photo voltaic industry
Incentivises the production of renewable energy through what is called a
“SolarCoin Digital Asset” as a reward



More than 6.4 million MWh of solar power have been granted SolarCoins,
across 58 countries - enough to power the city of Amsterdam and its city
dwellers during one year!



ABOUT THE SOLARCOIN



1 SolarCoin = 1 Mega Watt / hour

Digital asset and tool for energy transition

Value comes from network participants

The SolarCoin blockchain is 10.000 more efficient than Bitcoin and Ethereum blockchain

SLR is very democratic as it enables more participants to participate in the validation mechanism.

PROJECT CONTINUITY

- The leasers recover the purchase price in about 8-13 years' time and receive rental income for a total of 20 years.
- All the SolarCoins that are produced after this period remain on the university's account and could be further invested into similar projects and expansion of the model.

SCALING

- UNDP Moldova will establish a SolarFund, a pilot fund scheduled for launch in June 2018, to support a national campaign on raising awareness on solar energy

ELIGIBILITY

- Institutions and households with appropriate roof properties will also be able to participate in the program or self-finance their installments, thus earning and trading SolarCoins within the network.



THANK YOU.

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