



SolarCoin 1 MWh=1SLR

Reward for Solar energy producers

Goal: 40year mission +millions of solar installations

Low carbon Blockchain POS=1000x efficiency vs BTC/ETH





François Sonnet

ElectriCChain & SolarCoin

#solar

#blockchain

#energy transition



**VIDEO :
<https://youtu.be/OmouEif05IA>**

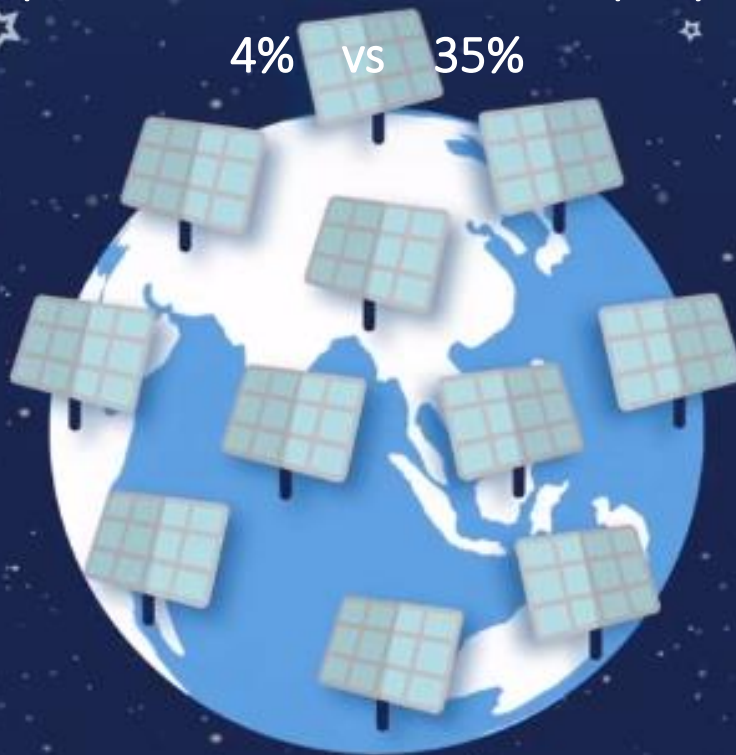




Solar is 400GWp at end 2017 vs 5500GWp by 2030 (IEA & BNEF)



4% vs 35%



Paris Agreement:

+2C

450ppm

Challenge:

Tackling Global Climate Change and the Energy Transition whilst empowering Prosumers

7 million Solar Facilities worldwide

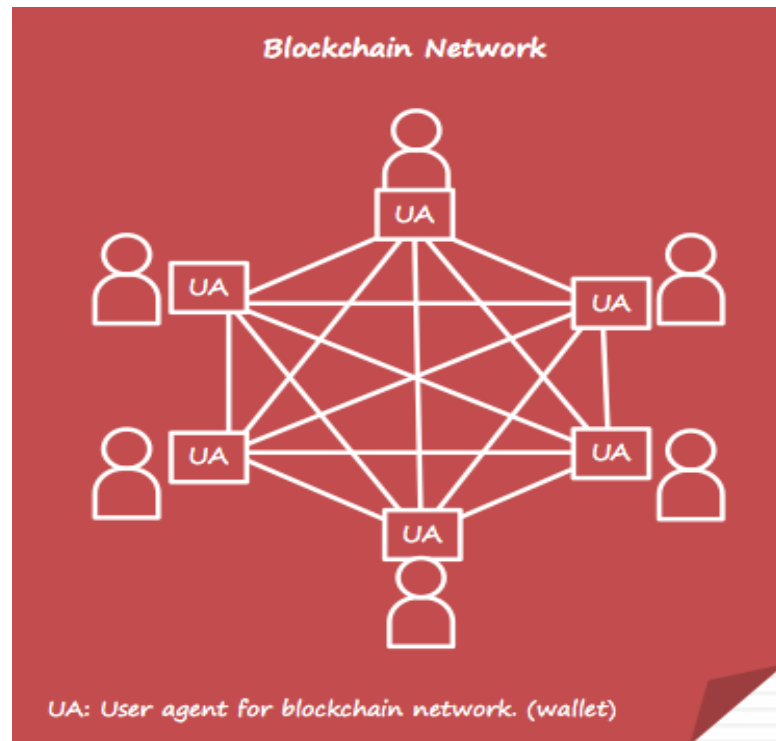


What is a Blockchain ?



A Database

- A Blockchain is a Database for a specific use where EVERYBODY who participates owns a complete copy of it locally.
- No master Blockchain and no central authority for an open Blockchain
- Verification at each stage (every minute) for SolarCoin increases security as “stakers” must verify and exclude the wrong transactions when making a new block, stakers and participants who have the Blockchain must verify a new block when synchronizing.
- Some technology examples:
voting, sharing, renting, land register, notary deeds, DAO, BitCoin, Ethereum, Government departments....
- R3: Big Banks Consortium developing Private Blockchain for Back Office purposes (Clearing, Settlement and Custody), trading...
- Private Blockchain
- Public Blockchain vs Side-chains



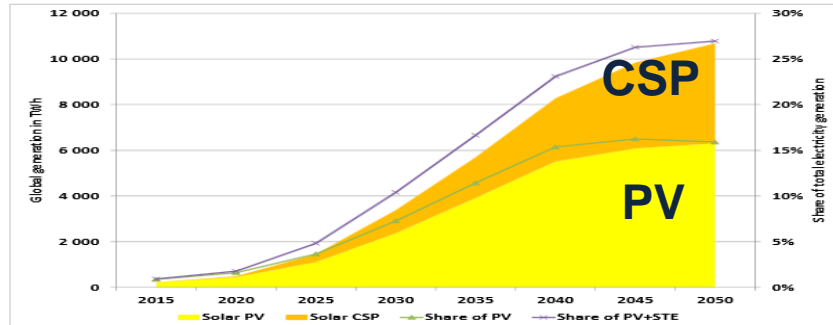
SolarCoin, a Digital Asset to Support the Energy Transition – Key Words:

- Solar
- Distributed & Global
- Decentralized & Democratized
- Energy Storage (batteries) & Smart Meters
- Incentives (Digital Assets)
- Digitalization
- Trading of energy on Peer-2-Peer Applications & APIs
- Microgrids

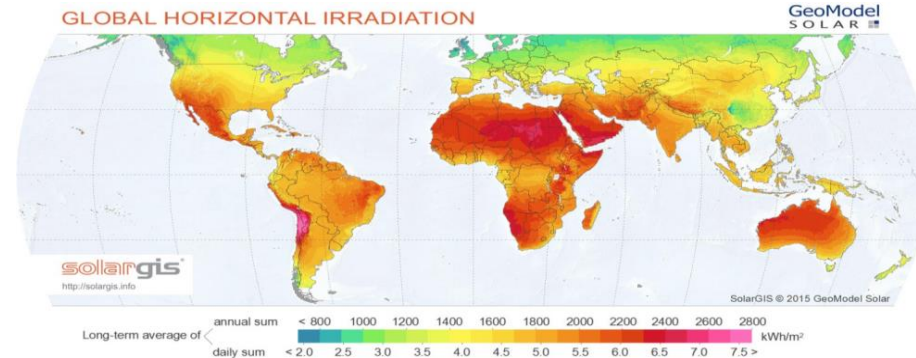


Solar Industry

- 400GWp at end 2017 vs 7GWp in 2006
- 7 million Solar Facilities worldwide
- Increasing to +200million (household) according to IEA and BNEF figures and 5500GWp by 2040
- Trends in target market, growing 20-35% p.a
- Zero knowledge proof and trustless data for a sector that really needs innovation. (Energy/Utility sector)



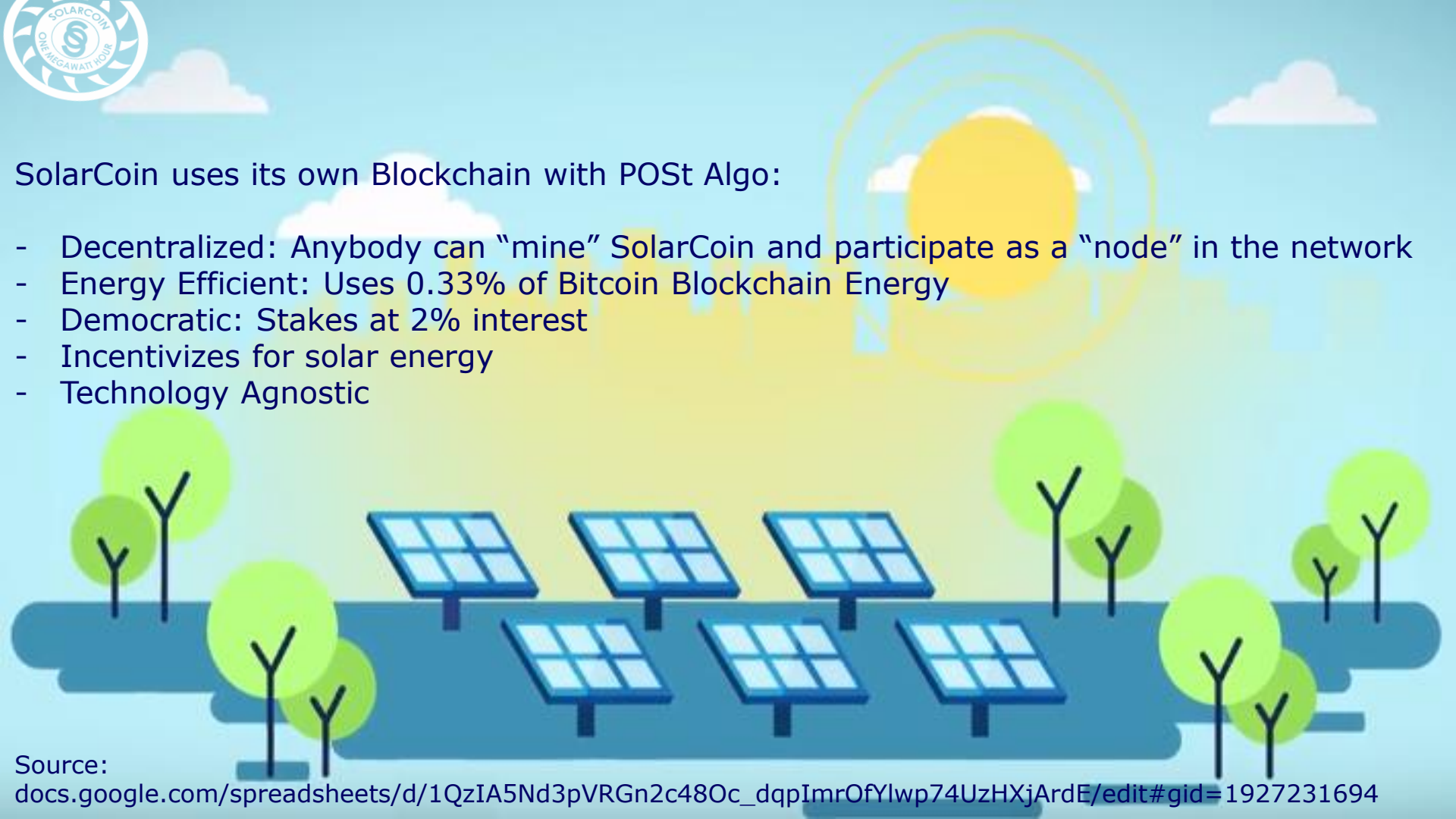
Market Indicators





SolarCoin uses its own Blockchain with POSt Algo:

- Decentralized: Anybody can “mine” SolarCoin and participate as a “node” in the network
- Energy Efficient: Uses 0.33% of Bitcoin Blockchain Energy
- Democratic: Stakes at 2% interest
- Incentivizes for solar energy
- Technology Agnostic



Source:

docs.google.com/spreadsheets/d/1QzIA5Nd3pVRGn2c48Oc_dqpImrOfYlwp74UzHXjArdE/edit#gid=1927231694



ELECTRON



ElectriChain



theSunExchange



Solar Installer



SOLAR ASSET




CLIMATE CHAIN COALITION

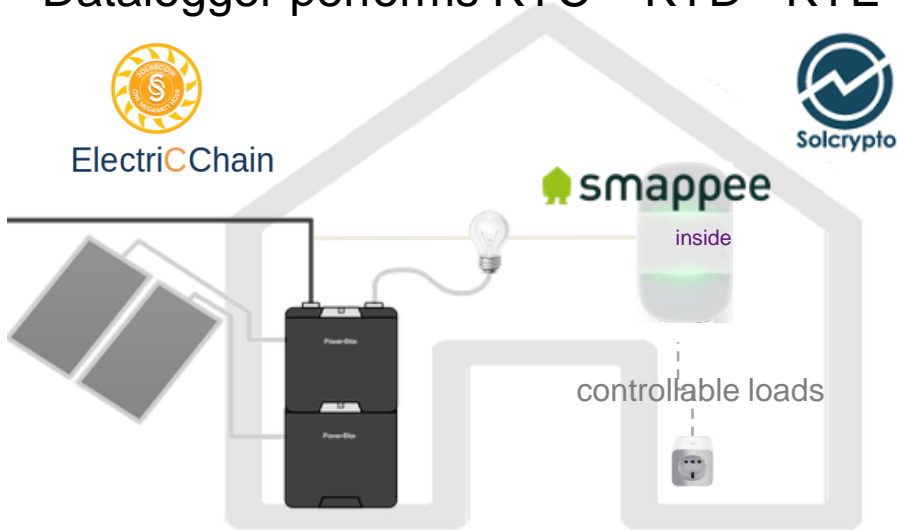


ElectriCChain projects

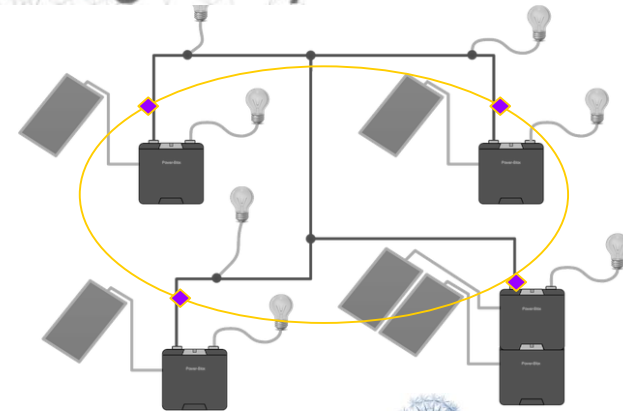


Datalogger performs KYC – KYD - KYE

P2P Energy Trading
 incentives for Prosumers



Gridgularity



EPIC
Energy
Productivity
Innovation
Challenge
EPIC 2016 CATEGORY WINNER: HOMES
ElectraSeed (www.electraseed.com) / Europe
ENERGYUNLOCKED



MARRAKECH COP22/CM P12
UN CLIMATE CHANGE CONFERENCE 2016



Electra
Seed
100Wh/day/1.4b people



Open-Source tools developed by the SolarCoin Community



API

5-6SLR every year

Solar Panels

Mounting System

DC

Inverter



Script

Script

Manual

Utility Pole



API



Claiming SolarCoins:

1.

Validate solar energy production manually or Integrate w/monitoring platform, inverters, dataloggers

2.

SLR sent to SolarCoin Wallet (download a Wallet)

3.

Freely circulate & spend SLR with accepting partners or monetize @exchanges






58 countries: +6.000.000 MWh solar energy (March/2018)

Goal 2019: +1 Million Users



Affiliates & Partners* submit (bi-annual energy data)

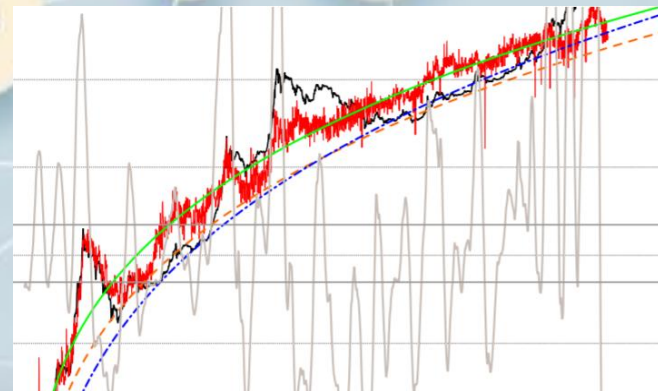
Affiliates get 10% of 1st year's SLR claim

Example	Partner type	Benefit
MegaCo.	Solar Monitoring companies	Extra feature, Affiliate Revenue
	Utility scale players	Marketing tool, Revenue
	Installer/developers	Marketing tool, Revenue
	Start-ups with energy data	Extra feature, Affiliate Revenue



Value of SolarCoin, Bitcoin & currencies is network emergent
Estimated @\$750-\$3,000 participant

	Nodes "I believe"	M0 (USD)* "Therefore I receive"	Network= value/node	GDP adj. GDP**/Node	
USD	1 billion	\$1.5 tn	\$1,500	\$40k	\$1,500
BTC	5.8 million	\$18 bn	\$3,100	\$80k	\$1,550
Gold	6.0 billion	\$7.66 tn	\$1,277	\$20k	\$2,554
EUR	800 million	\$1.3 tn	\$1,685	\$33k	\$2,042
WON	78.5 million	\$80.8 bn	\$1,002	\$28k	\$1,431
SLR	1,500	\$4 m	\$2,666	\$80k	\$1,333



Source: MIT ; Nature of Value



Francois Sonnet- Expert Solar Business Developer, Andorra, Co-Founder ElectriCChain & Advisor to SolarCoin Affiliates and the Solar Industry



Luke Johnson- Expert Solar Engineer, Tokyo, JP, Co-Founder & CEO Sunpulse K.K./ Solcrypto JV & Technical Lead ElectriCChain



Christopher Altman- NASA-trained Astronaut, San Francisco, CA, Advisor ElectriCChain and Advisor SolarCoin Foundation



Nick Gogerty- Financial Analyst, Greenwich CT, Co-Founder SolarCoin Foundation, expert in Financial Modeling and Macro-Economics



Richard Olsen- Financial Expert, Zurich, CH, CEO Lykke Corp & Co-Founder OANDA Forex, Professor Centre for Computational Finance & Economic Agents at University of Essex, UK



Alex Raguet- Renewable Energy Financial Expert, Bordeaux, FR, CEO at Lumo and Administrator at the European Crowdfunding Network ECN

Earn SolarCoin as an affiliate - francois.sonnet@electricchain.org

Check out the SolarCoin Foundation website at www.solarcoin.org and ElectriCChain at www.electricchain.org and affiliate websites www.solarlux.com in EMEA and www.solcrypto.com in APAC regions among others
Register your solar installation with the SolarCoin Foundation and trial-test your SolarCoin Wallet at www.solarcoin.org