

SolarCoin Media Kit



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Contact information

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[Join the community.](#)

Introduction

SolarCoin is a new digital currency designed to accelerate solar electricity generation. SolarCoins are distributed globally to producers of solar electricity. Each 1 MWh of verified production is entitled to receive 1 SolarCoin (§SLR). SolarCoin is already being distributed to Solar electricity generators in a handful of countries. Anyone can fill out the online form to claim their SolarCoins.

90 second video on solarcoin

<https://www.youtube.com/watch?v=yR9R6R3iaiI>

5 minute video explaining where solarcoin gets its value from: Nature of Currency; a theory of network value.

<https://www.youtube.com/watch?v=WD3HW6l6gc>

This media kit includes:

- Organisation details
- SolarCoin description
- Fact sheet
- Resources & specifications
- Community details
- [Deko Paper](#) (original white paper concept behind SolarCoin)
- FAQs
- Current activities
- Press releases & announcements
- [Press Coverage highlights](#) spanning 23 countries and multiple outlets
- Images for reuse and repurposing (original higher res image available upon request.)
- Contact information

Supporting materials are at SolarCoin.org. We encourage interested parties to visit SolarCoin.org, download a wallet and join the growing community (links below)

Organization

SolarCoin was created by a group of volunteers to promote solar power generation by creating a currency beneficial to the global environment. SolarCoin is managed as an open community project by Volunteers working together as the SolarCoin Foundation as a US Public Benefit Corporation incorporated in the state of Delaware.

Early volunteers have expertise across financial services, social media, community building, alternative energy and international entrepreneurship. The volunteer community is global and growing daily.

US, Italy, Belgium and Japan are particularly active in advocating Solar energy and SolarCoin.

Key early volunteers include:

http://wiki.solarcoin.org/index.php?title=SolarCoin_Volunteers

SolarCoin

SolarCoin works like air miles for solar energy generators. Solarcoins are given out to all solar energy generators wishing to claim them for free. SolarCoins are a currency based on blockchain technology and trade 24/7 on markets. SolarCoins can be traded for Bitcoin and fiat. SolarCoin participants can receive grants for the life of their facility. Here is a lifetime facility [value estimator](#) at today's prices. Note these prices are highly volatile are determined by 3rd party markets which have no affiliation with the SolarCoin foundation.

Solarcoin prices can be tracked here:

<http://coinmarketcap.com/currencies/solarcoin/>

SolarCoin issuance is backed by 3rd party verified meter records of solar electricity generation or for small generators a standardized equivalent metric. SolarCoin is equitably distributed using these proofs of work as a means to reward solar electricity production.[1]

It is expected that ~34.3 million of SLRs will be awarded to cryptographic miners and that ~97.5 billion of SLRs will be awarded to those generating solar energy, over the next 40 years. SolarCoin is currently using a Carbon friendly using a [POST](#) vs. [POW](#) approach to resolving the blockchain. SolarCoin is 200-300x more efficient than bitcoin/ transaction at scale. See carbon model [here](#): Hint: It takes an estimated 11 KWh for Bitcoin to process a single transaction at peak efficiency.

The SolarCoin Foundation manages the allocation of SolarCoins to Solar Electricity

Generators and affiliate distributors.

The SolarCoin Foundation maintains a public ledger detailing each SolarCoin allocated to solar electricity generators by placing a message in the granting transaction as the SolarCoin enters into circulation.

Fact Sheet

- SolarCoin introduced in January 2014
- People can claim solarcoin in under 5 minutes at www.solarcoin.org or at an affiliate site such as <http://www.solarchange.co/>
- Active volunteer community (+100 Solar advocates) in US, Europe and Asia
- Major utilities, technology firms, universities, industry groups observing on www.electricchain.org
- Over 34.4 million SolarCoins in circulation to date. There are an estimated 4,000 SolarCoin wallets downloaded
- One SolarCoin is granted for verified proof of generation of one megawatt hour of Solar energy
- Mining circulation model - SolarCoin uses a [Proof of Stake model which uses 99.99999% less energy than Bitcoin mining see item here:](#) here is [the model:](#)
- Mining will eventually represent less than 1% of circulating currency
- Distribution program expected to last 40 years in delivery of 97.5 billion SolarCoins representing 97,500 TerraWatt hours of solar electricity

About Solar Electricity

Solar Electricity may deliver our energy needs for all our future generations. Solar Power has achieved "Grid Parity" in many countries across the globe and reflects [178 GW](#) of capacity as of end 2014. This means that producing solar energy has become cheaper than producing electricity from traditional fissile and fossil sources, especially when accounting for negative externalities and side effects (CO2 global warming impact, PM2.5 health effects, recycling of nuclear waste) etc.

Today, many developing nations have set targets to produce Solar Power through strict agendas :

- China targets 100 GWp of Solar Power by 2020,
- India has set a 100 GWp of Solar Power target by 2022,
- Saudi Arabia is aiming for 10 GWp,
- Egypt is set for 2.3G Wp on the 2015-2017 period

As a comparison, 1 GWp is the equivalent power capacity of 2 average-sized nuclear reactors.

Today, 6 million households worldwide produce solar energy and total installed capacity for Solar Power has reached 177 GWp globally (including CSP) in 2014, with the majority coming from Germany (38 GWp), China (28GWp), Japan (23 GWp), USA (20 GWp), Italy (18 GWp), Spain (5GWp), and the UK (5 GWp)

...https://en.wikipedia.org/wiki/Solar_power_by_country

It is expected that the European Union in the next G21 scheduled for December 2015 will set forth its own ambitious programme for producing Renewable Energy under the 30%-2020, 60%-2030, 80%-2050 scheme. Parallel to these policies, technology has also caught up and major breakthroughs have been achieved in the Energy Storage which enables the storage of energy needed for delayed consumption. Deployment of a Smart Grid inside Europe and with Northern Africa is also underway.

Resources & specifications

Wallet download <http://solarcoin.org/>

Technical Specification <https://github.com/onsightit/solarcoin>

SolarCoin MarketCap : <http://coinmarketcap.com/currencies/solarcoin/>

Community Details

Facebook: <https://www.facebook.com/groups/solarcoin/>

Slack: <https://solarcoin-group.slack.com/>

LinkedIn: [SolarCoin Group](#)

Twitter: https://twitter.com/SolarCoin_SLR

FAQs

FAQs <http://solarcoin.org/faq-frequently-asked-questions/>

Current activities

Current work in progress includes:

- Pilot SolarCoin awards to Solar generators on 23 countries
- Affinity group & charity outreach marketing program
- www.electricchain.org IOT, Blockchain & Solarenergy incubator
- Development of affiliate program in US, MENA, Africa, Asia and Europe

Press releases & announcements

Press releases to date include:

See news released at <http://solarcoin.org/en/news/>

Press coverage ([link to coverage](#))

SolarCoin has received significant media attention in a very short period of time, including articles in alternative energy media, entrepreneurial and scientific publications such as The New Scientist.

Images

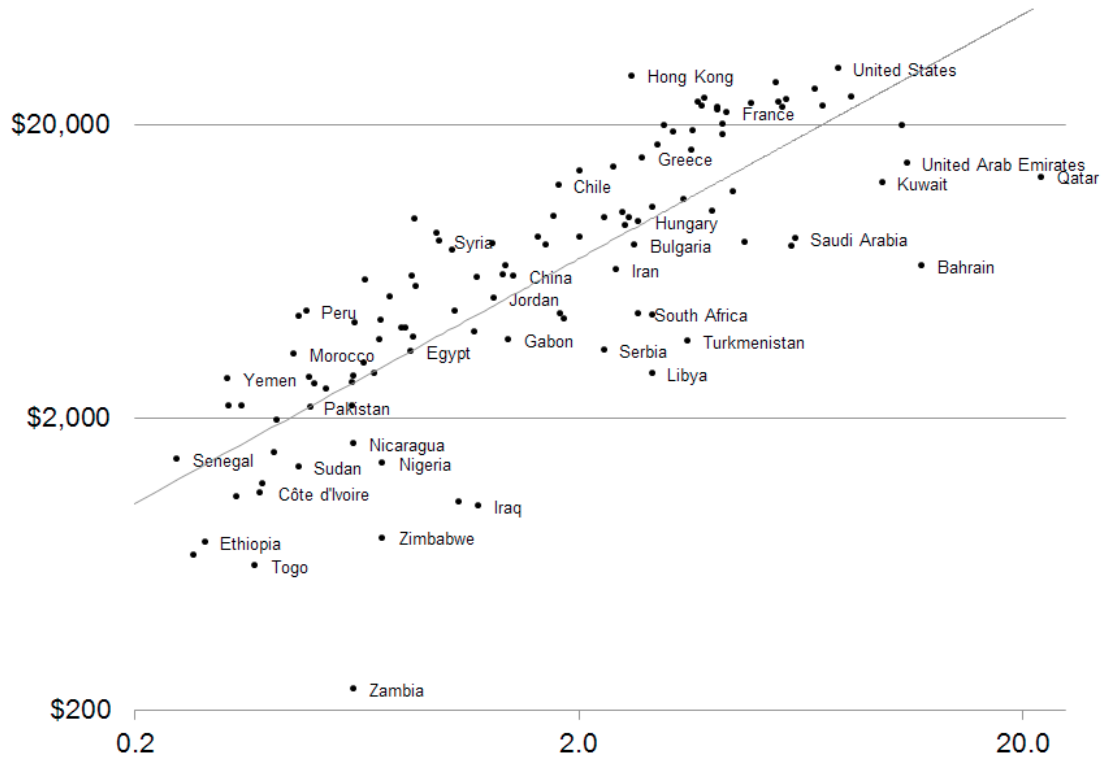
SolarCoin: These are rendering of what SolarCoin could look like. All images are free to use creative commons license with rights of attribution only.





Per Capita Annual GDP \$ vs. Metric Tons of Oil Equivalent (MTOE)

Source: 2006 OECD & World Bank





SolarCoin difference from Bitcoin Table

SolarCoin is not a replacement for Bitcoin. It is a complementary currency using Bitcoin technology implemented to incentivize global Solar electricity generation over the next 40 years.

SolarCoin		Bitcoin
Incentivize global solar electricity for the next 40 years.	Goal	Create a decentralized currency
SolarCoin Foundation	Originators	Satoshi Nakamoto
2014	Launch date	2009
Open source community	Project support	Open source community

98.04 billion	Maximum issuance	21 million
Free market supply & demand	Currency target value	Free market supply & demand
(Proof of Solar 1MWh generation, energy grants) & proof of cryptographic stake by SolarCoin Foundation & algorithm	Equitable circulation methodology	Proof of cryptographic work by algorithm
1 MWh of solar electricity generation	Value representation	na
Windows, Linux & MacOS (Android and iOS soon)	Operating Systems	Windows, Linux, MacOS, Android & others
Pseudonymous	Currency Holder Anonymity	Pseudonymous
Unknown	Largest holder of circulating currency	Unknown
SolarCoin Foundation	Largest holder of reserve currency	na
see exchange	Market value	see exchange
1440 blocks (daily)	Difficulty adjustment	2016 (2 weeks)
Na now.	Initial (current) block reward	50 BTC
PoST - proof of stake-time	Consensus Algorithm	Proof of Work
NA	Block reward decay rate	50% every 4 years
2014	95% public	17 years

	mining done	
2040-45 (estimate based on Solar Energy production)	95% in circulation by	2026
LiteCoin source code fork w/Florincoin TX 253 character message support, & VeriCoin PoST	Source Code	Bitcoin original source

Contact information

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