



# Solarcoach

## Solar coach White paper V 0.95 - Summary



### The problem to be solved

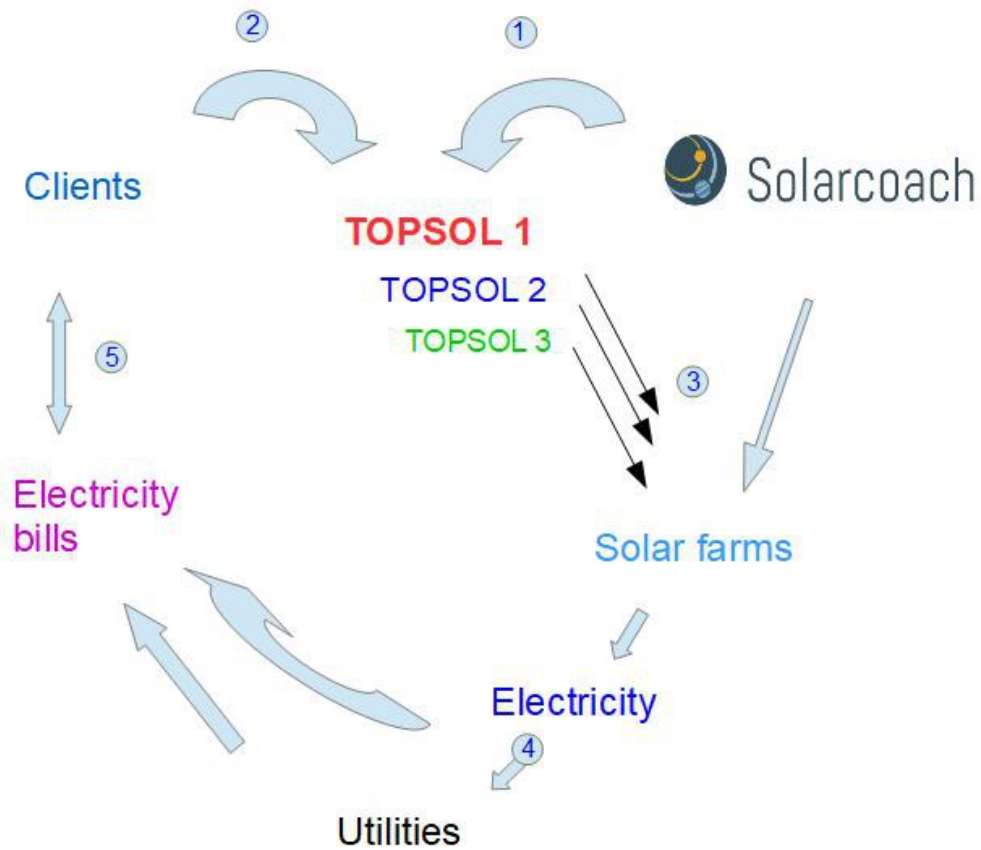
We have to increase the share of renewable energy into our energy mix. Solar energy could provide 35 % of our needs. It currently provides less than 2 %. People who are living in large cities do not have a roof to install solar modules but they can invest into collective solar farms.

### The solution.

Solar coach issues an asset called **TOPSOL**. This asset is issued on the Bitshares blockchain platform as a cryptocurrency. People who wants to transition from fossil fuel to solar energy are welcome to buy this asset. The money from the sale of **TOPSOL** is used to build solar farms. The solar farms will produce electricity. The electricity is sold to utilities and the revenue is used to pay each year a part of your electricity bill for 20 years. Topsol is tradeable on the Bitshares exchange like a cryptocurrency. You can sell or buy it at anytimes.

**In the future, the electricity will be directly sold to TOPSOL owners at a preferential rates by smart contracts paid in TOPSOL.**

How Solar coach is helping its clients to pay their bill while building solar farms



- 1- Solar coach issues TOPSOL
- 2- Clients buy TOPSOL
- 3- Solar coach build solar farms
- 4- Solar coach sells electricity to Utilities
- 5- Solar coach helps its clients to pay their bill

The investment needed to start'up.

Issue 500,000,000 TOPSOLS

Find business partners :

- VIVAcoin
- ICOsuccess
- Charge&share
- WePower

### **Pre-launch : June 15 th – September 30 st**

1 million Topsol will be sold at 1 BTS:TOPSOL or 6 TOPSOL:STEEM to private investors.

The money will be used to incorporate, write smart contract, design a website, prepare and promote the ICO.

<https://steemit.com/business/@chrisaiki/solar-coach-get-fundings-from-a-group-of-viva-crown-holders>

### **ICO : October 1st- November 30<sup>th</sup>**

30 million TOPSOL will be sold at 5 BTS:TOPSOL or 6 TOPSOL : 5 STEEM (~ \$1)

The money will be used to build or purchase solar farms

**From September 2020:** TOPSOL will be bought back by Solar Coach at 30 USD:TOPSOL

This is today utility price of 1 MWh

I am not planning any BTS price at this period !!

**From September 2023:** TOPSOL will be bought back by Solar Coach at 100 USD:TOPSOL

This is today minimum consumer price for 1 MWh

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June 14<sup>th</sup>, 2017.

« True leaders don't create followers,  
they create more leaders » Tony Robbins.

# Solar Coach White paper V 0.95

## 1. History of the project

Solar electricity could provide 35 % of our needs. The sun is shining when we need electricity the most, during the day. Until we reach the level of 35 % , it is not useful to store electricity in a battery, you only have to connect your solar modules to the grid and it is consumed by someone, you, your neighbour or the closest user.

Replacing fossil fuel with renewable energy requires billions of dollars of investment to build out the replacements for carbon energy sources.

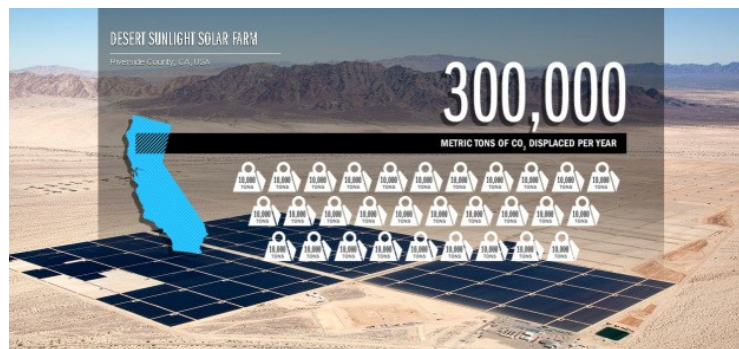
Sadly, legacy energy companies are still concentrating their investments into carbon energy. Carbon energy from oil fields, coal, ethanol and natural gas continues to be burned 24 hours a day worldwide for transportation and electricity generation.

Fossil fuels emit greenhouse gas high into our atmosphere where it is hidden from view. But the impact of fossil fuels is getting harder to ignore. Consider these images from Beijing. 2017 has already been an epic year for air pollution one of the world's largest industrial cities.





**You *can* help clear the air by installing solar and investing in clean solar power farms.**



**Solar coach gives you the opportunity to transition to this modern economy.**

## 2. The team

Christophe parot : founder

I created IMPACT-énergie to develop a photovoltaic car shelter in 2008. Due to a lack of available investment, change in governmental regulation and lobby of oil companies, the company had to close its activities in March 2011.

I have been teaching for 6 years, learn about cryptocurrency and coming back to solar energy with new ideas.

<https://www.linkedin.com/in/christopheparot/>

I am building a team of talented people to succeed the launch of Solar Coach.



### 3. Photovoltaic electricity

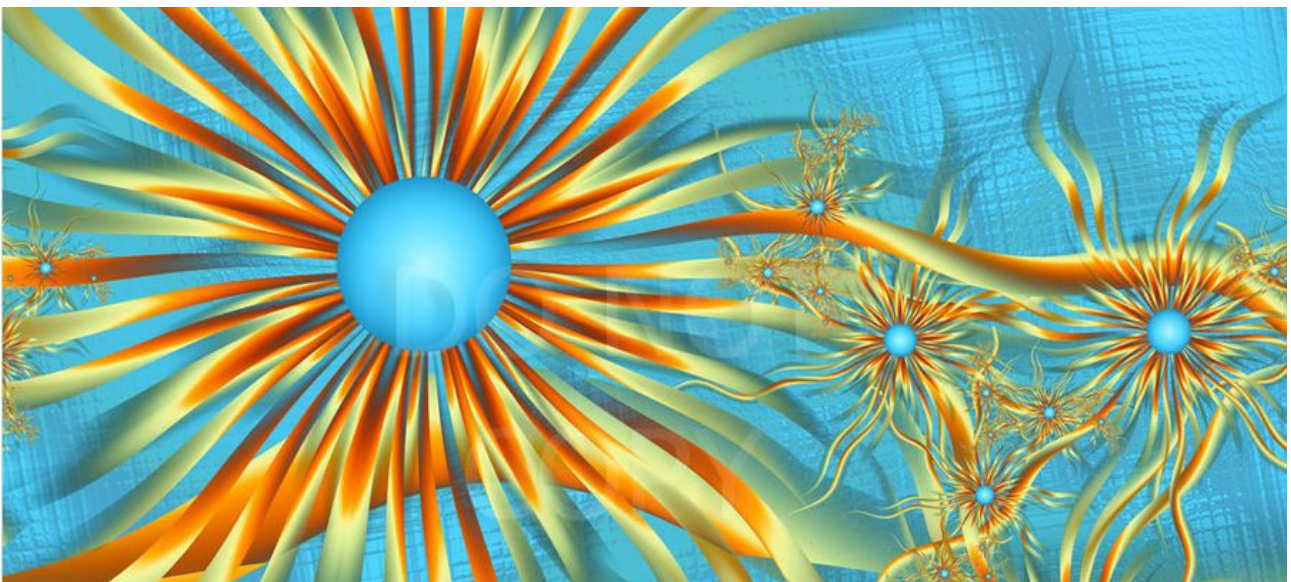
Photovoltaic effect has been discovered by The French physicist Edmond Becquerel in 1839. Germany invested a lot into photovoltaic energy and this investment decreased the price of PV electricity by scaling up the production of solar modules.

From 2011 Chinese companies have invested a lot of more than any other companies into the production of solar modules, so today production of solar panels is almost a Chinese monopole. After having wisely paid back their initial investment by selling solar modules to the rest of the world, China is starting to invest herself into solar energy.

Worldwide installed capacity in 2016 represents 302 GW, sufficient to supply 1,8 % of the energy demand only !

Source : [https://en.wikipedia.org/wiki/Growth\\_of\\_photovoltaics](https://en.wikipedia.org/wiki/Growth_of_photovoltaics)

More and more people who own a home invest into solar energy on the roof of their home. Solar Coach give the opportunity to worldwide citizens to do the same.



### 4. Cryptocurrencies

The ancestor of cryptocurrency is Bitcoin, in just 9 years it has gone from zero to a \$55 billion market capitalization. The price of 1 BTC has raised up from 10,000 BTC for one pizza to \$3,380, today on [coinmarketcap.com](https://coinmarketcap.com) (as August 7th, 2017). The purpose of bitcoin was to provide people with a decentralized independent cryptocurrency, far from central banks and governments. The core of technology, stability, and security are important in cryptocurrency because users have to trust the process they are using and be confident that it is a store of value.

More than 1,000 cryptocurrencies have been born since Bitcoin began. Each one has a new innovation or a core goal. Some want to develop a new blockchain, some emphasis anonymity, some want to protect the environment.

**Solar Coach uses a cryptocurrency/asset named TOPSOL that focuses on building new solar farms.**

#### 5. Cryptocurrencies with **real** backing.

Bitshares has developed smart coins, which are currencies backed-up by another asset. BitUSD is backed up by USD and its value is equal to 1 USD. The value of the asset influences the price of the token.

Stable currencies that are a real store of value need to be backed up by something tangible, like commodities, or energy.

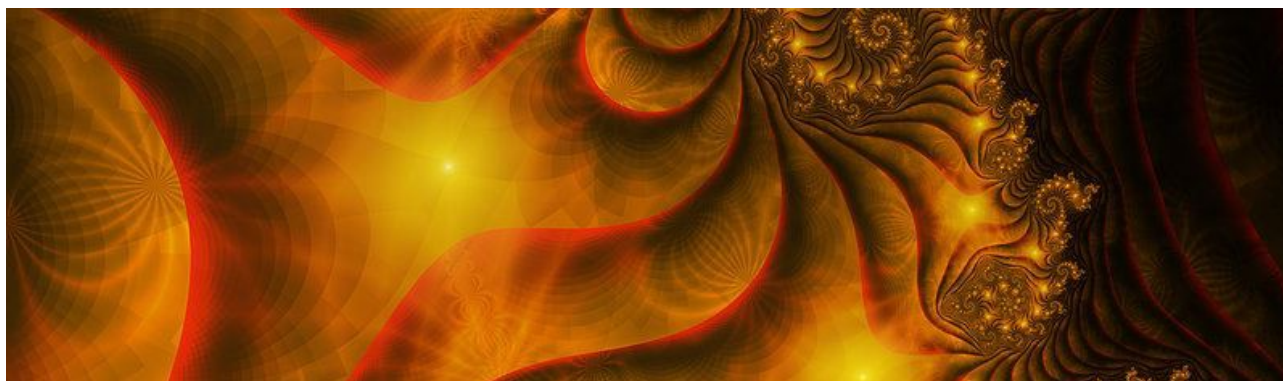
Topsol will be backed-up by the price of PV electricity and the solar farms it owns. Solar Coach is investing in PV plants. These plants are producing electricity, this electricity is sold to utilities. PV plants are a robust technology, once a plant is built and connected, it can produce electricity for the next 25 years. What will be the price of electricity in 25 years? Of course, nobody knows, but most experts of the sector predict that the price will rise. Worldwide energy demand is increasing but the global reserves of fossil fuels are decreasing. Without a breakthrough in energy production, power scarcity will worsen and result in ever increasing prices

Solar coach will use smart contracts to pay a part of the electricity bill of Topsol owners.

#### 6. Issuing an asset

Bitshares have implemented a platform to issue smart assets. Issuing a new user asset on Bitshare does not require coding skills.

Just open an account and you can start trading the list of coins available on the Bitshares decentralized exchange platform (DEX).



## 7. Initial Coin Offering

An initial Coin Offering (ICO) is the new tool to finance innovation. ICO provide money to implement the project you like. The money collected by the Solar Coach ICO will be used to build new solar farms. In the future, Solar coach will influence the price of Topsol at the level of the price of one MWh.

Today, the market price for one MWh (= 1,000 kWh) is between 22 to 46 USD. This price is very different of the price of which you purchase your electricity, between 100 to 200 USD/MWh and up to 290 USD in Hawaii. Data from EIA.gov.

Solar Coach ICO is proposing 1 Topsol for 5 BTS. Solar coach will pay the electricity bill of Topsol owners.

Cryptocurrency is a world of risky investments and we do not guarantee any profit. You invest at your own risk. "Only invest savings that you don't really need" is the classic advise on financial markets. Topsols are tradeable on the Bitshare/ TradeQwik exchanges platforms from day one. If you change your mind and want to sold your Topsol, you can sold them at the market price.

1 billion Topsol will be issued. This is representing the electricity consumption of 300 million people in one year. A very small part of the market !

The ICO will end when the equivalent of 30 million USD are paid in bitcoin, ether, nem, steem, bts or VIVAcoin.

## 8. Marketing our opportunity.

ICO success depends from three factors :

- The clarity of the offer
- The trust of potential investors in the asset
- The number of people to market the opportunity.

– The clarity of the offer:

The process is simple, when you buy Topsol, you help solar coach to build solar farms. Solar coach will help you to pay your electricity bill.

– The trust of potential investors in the management team:

We will gather a team of 12 competent people to manage Solar Coach. Managers receive 300,000 Topsol per year for the next 10 years.

– The number of people to market the opportunity:

A team of 100 marketers will be hire on Steemit to market our offer. They are paid in Topsol and earn 1,000 Topsol each to promote the opportunity.

After the ICO, unemployed people will be able to promote the Solar coach business following a mlm process based on the Steemit platform.

## 9. Pre-Launch

The opportunity is proposed to private investors to cover the expenses of incorporation, smart contracts and law advises. The pre-launch offer is proposed at 1



Topsol for 1 bts or 6 TOPSOL:STEEM. The List of investors is available by consulting @solarcoach wallet history on Steemit. The pre-launch offer is valid until the limit of 2,500,000 Topsol is reach.

## 10. Road map

June 15 th : Pre-Launch

October 1 th : ICO

November 30<sup>th</sup> : end of the ICO

After the end of the ICO , Topsol will be available at the market price on the Bitshare and TradeQwik Decentralized Exchanges (DEX).

## 11. Future development

In three years when the first Solar coach power plants will be operational, the sale of the electricity will be directly offer to Topsol owners at a discount price compared to what you can buy from classic utilities. Then the Topsol price will rise from the utility price for 1 MWh ( 22 to 46 USD, today) to the consumer price ( 100 to 250 USD, today).