

# CLIMATECOIN

## WHITEPAPER



**Climatecoin provides a revolutionary way for every individual to participate in the fight against Climate Change.**



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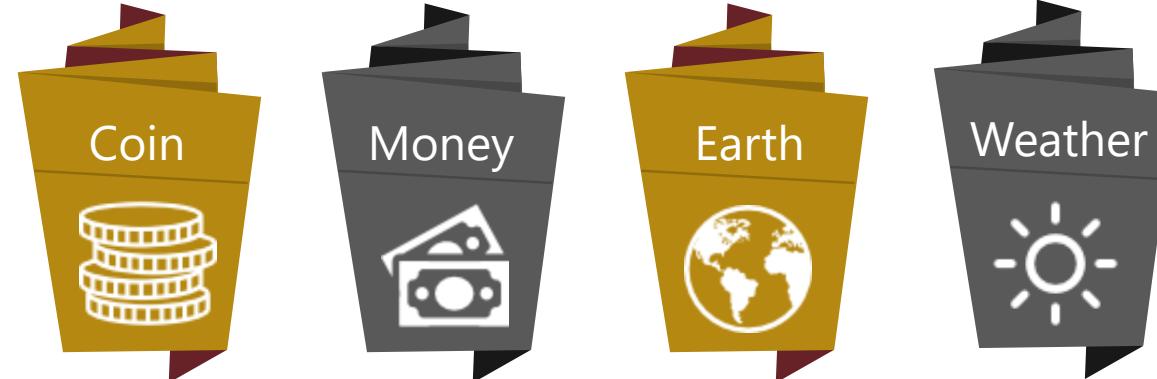


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## 1.1.- WHAT IS CLIMATE CHANGE?



### Information



Climate change is a change in the usual weather found in a place. This could be a change in how much rain a place usually gets in a year or it could be a change in a place's usual temperature for a month or season.

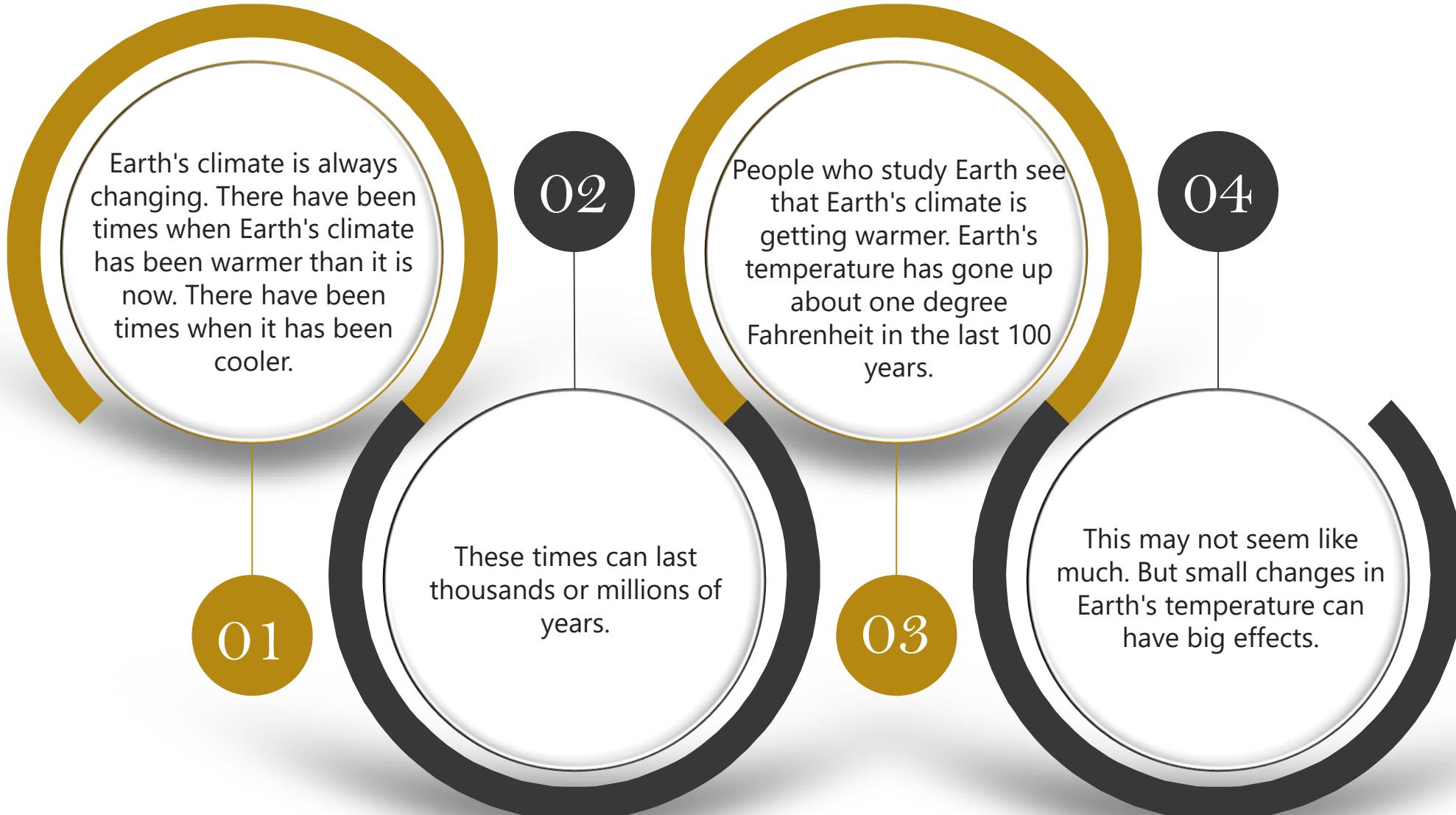
Climate change is also a change in Earth's climate. This could be a change in Earth's usual temperature. Or it could be a change in where rain and snow usually fall on Earth.

Weather can change in just a few hours. Climate takes hundreds or even millions of years to change.



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## Is Earth's Climate Changing?



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## Is Earth's Climate Changing?

Some effects are already happening. Warming of Earth's climate has caused some snow and ice to melt.

The warming also has caused oceans to rise.

And it has changed the timing of when certain plants grow.



## What Is Causing Earth's Climate to Change?



Many things can cause climate to change all on its own: Earth's distance from the sun can change, the sun can send out more or less energy,

oceans can change and when a volcano erupts, it can also change our climate.

Most scientists say that humans can change climate too. People drive cars. People heat and cool their houses. People cook food.

All those things take energy. One way we get energy is by burning coal, oil and gas and burning these things puts gases into the air.

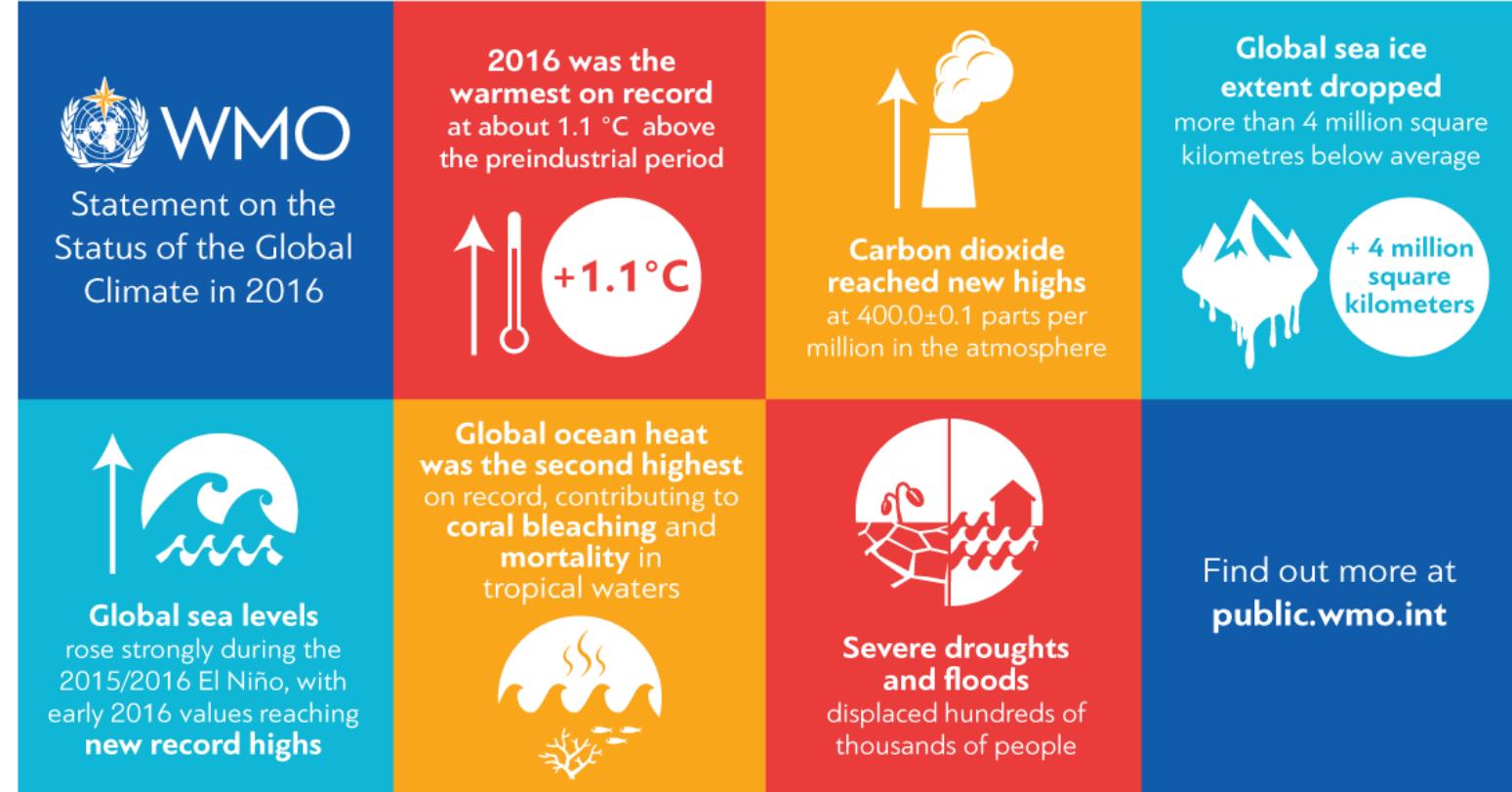
The gases cause the air to heat up. This can change the climate of a place and it also can change Earth's climate.



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## What Is Causing Earth's Climate to Change?

**Global Climate Change problem is obviously getting worst everytime and it is not a matter of discussion as there is tangible data that states the reality of it.**



NASA provides the following information in his website: (<https://climate.nasa.gov/>)

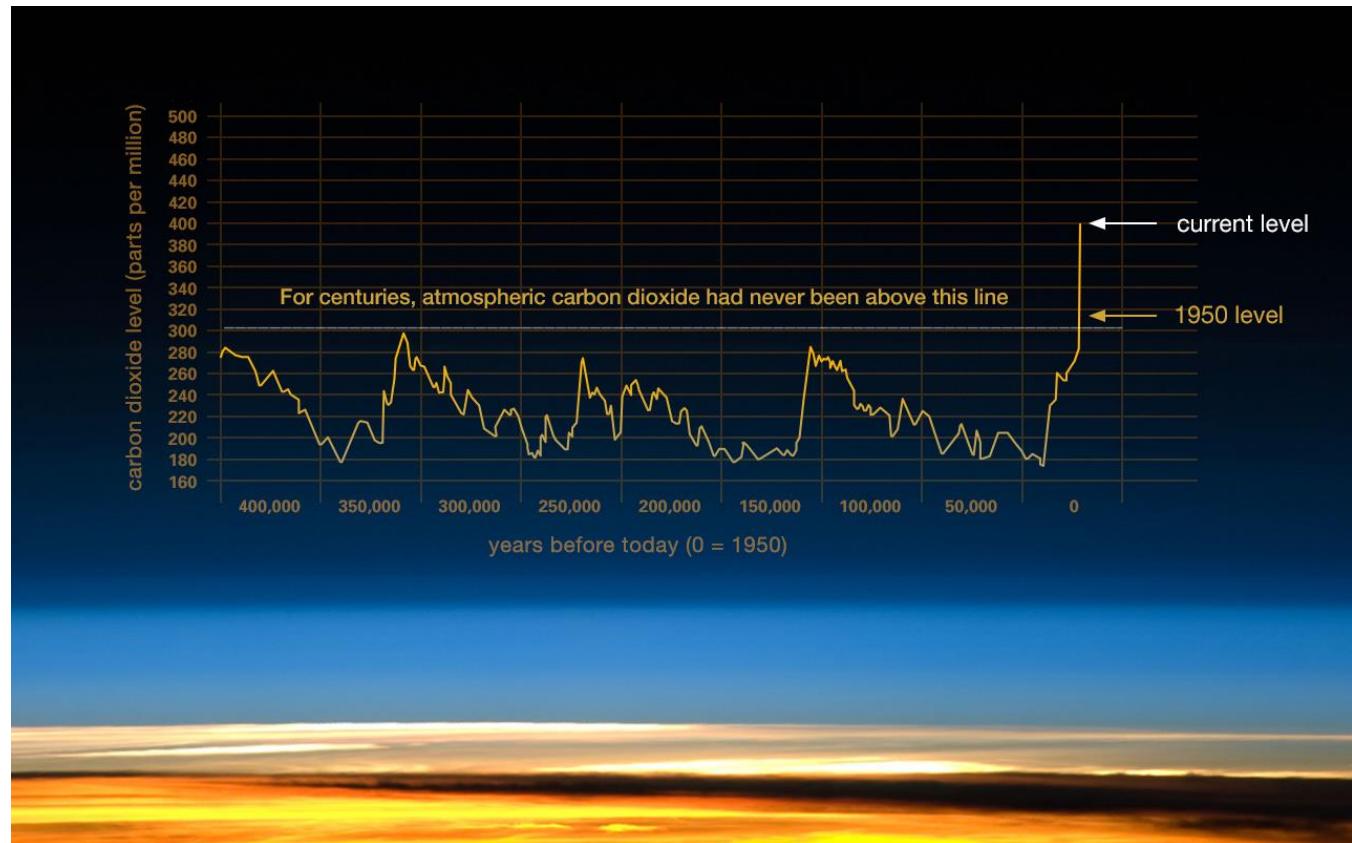


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Carbon dioxide levels in the air are at their highest in 650.000 years (406,17 part per million)

This graph, based on the comparison of atmospheric samples contained in ice cores and more recent direct measurements, provides evidence that atmospheric CO<sub>2</sub> has increased since the Industrial Revolution. (Credit: Vostok ice core data/J.R. Petit et al.; NOAA Mauna Loa CO<sub>2</sub> record.)



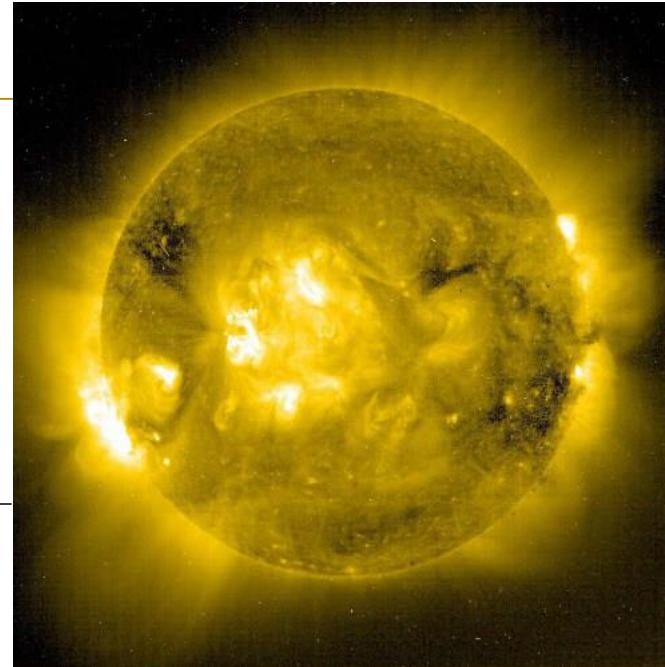
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## 16 of the 17 warmest years on record have occurred since 2001

The Earth's climate has changed throughout history. Just in the last 650,000 years there have been seven cycles of glacial advance and retreat, with the abrupt end of the last ice age about 7,000 years ago marking the beginning of the modern climate era — and of human civilization.

Most of these climate changes are attributed to very small variations in Earth's orbit that change the amount of solar energy our planet receives.



The current warming trend is of particular significance because most of it is extremely likely (greater than 95 percent probability) to be the result of human activity since the mid-20<sup>th</sup> century and proceeding at a rate that is unprecedented over decades to millennia.

The heat-trapping nature of carbon dioxide and other gases was demonstrated in the mid-19th century. Their ability to affect the transfer of infrared energy through the atmosphere is the scientific basis of many instruments flown by NASA. There is no question that increased levels of greenhouse gases must cause the Earth to warm in response.

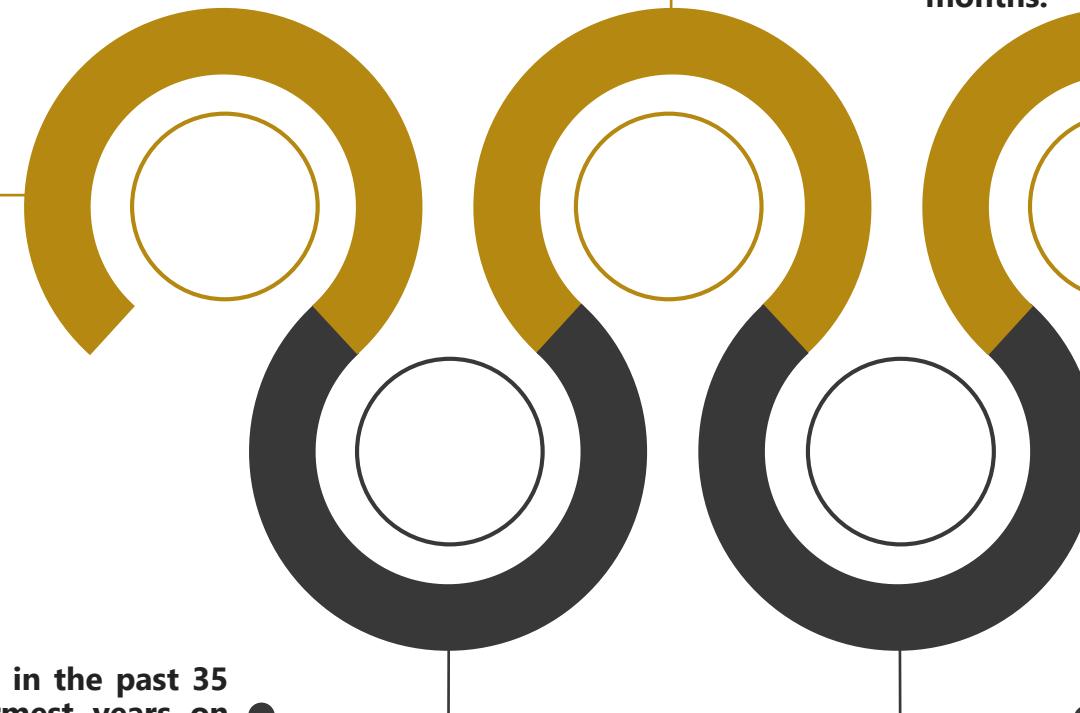


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## 16 of the 17 warmest years on record have occurred since 2001

The planet's average surface temperature has risen about 2.0 degrees Fahrenheit (1.1 degrees Celsius) since the late 19th century, a change driven largely by increased carbon dioxide and other human-made emissions into the atmosphere.



Not only was 2016 the warmest year on record, but eight of the 12 months that make up the year — from January through September, with the exception of June — were the warmest on record for those respective months.

Most climate scientists agree the main cause of the current global warming trend is human expansion of the "greenhouse effect" — warming that results when the atmosphere traps heat radiating from Earth toward space.

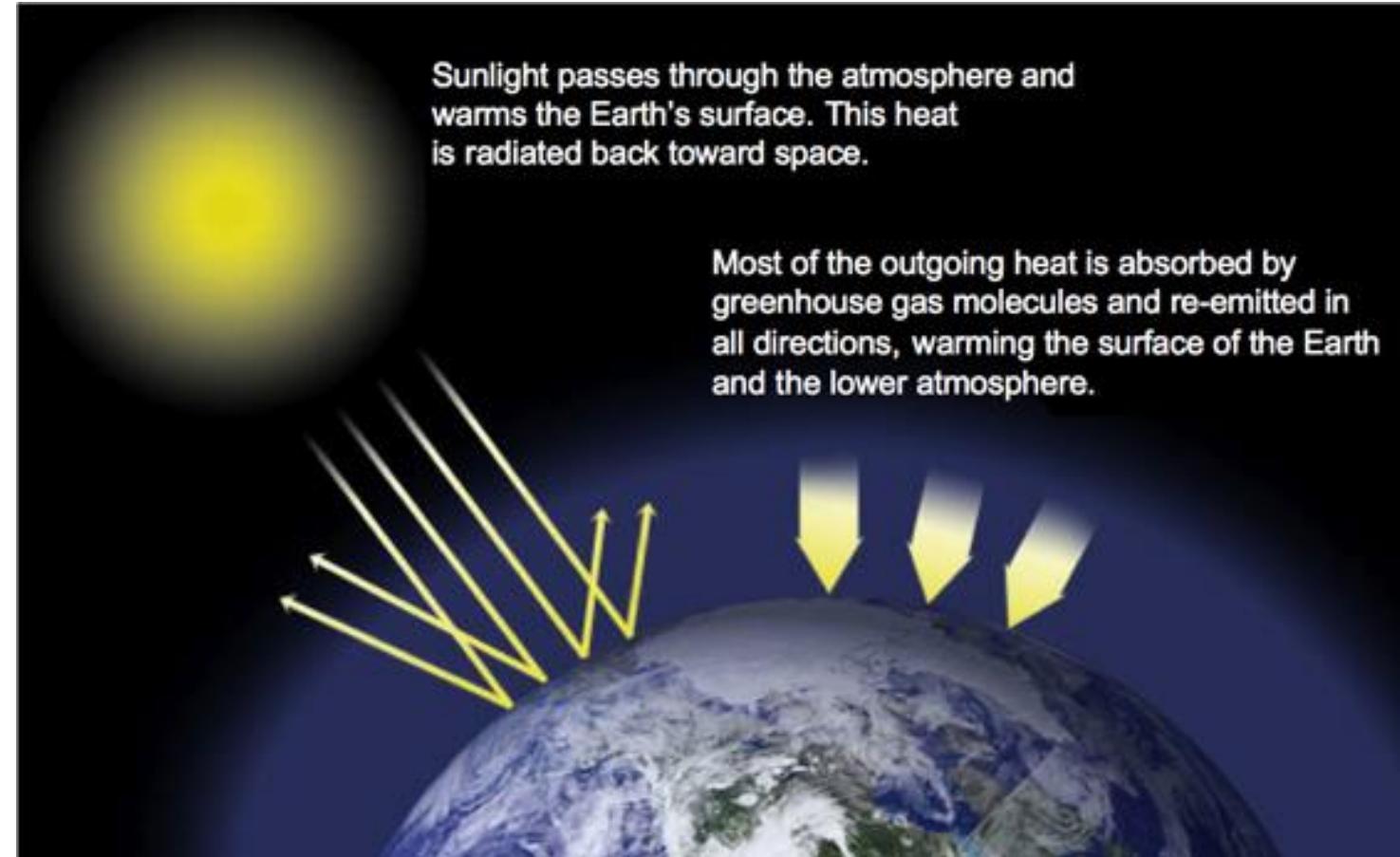
Certain gases in the atmosphere block heat from escaping. Long-lived gases that remain semi-permanently in the atmosphere and do not respond physically or chemically to changes in temperature are described as "forcing" climate change. Gases, such as water vapor, which respond physically or chemically to changes in temperature are seen as "feedbacks."



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16 of the 17 warmest years on record have occurred since 2001

A layer of greenhouse gases – primarily water vapor, and including much smaller amounts of carbon dioxide, methane and nitrous oxide – acts as a thermal blanket for the Earth, absorbing heat and warming the surface to a life-supporting average of 59 degrees Fahrenheit (15 degrees Celsius).



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The oceans have absorbed much of this increased heat, with the top 700 meters (about 2,300 feet) of ocean showing warming of 0.302 degrees Fahrenheit since 1969.



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## In 2012 Arctic summer sea ice shrank to the lowest extent on record

Ice cores drawn from Greenland, Antarctica and tropical mountain glaciers show that the Earth's climate responds to changes in greenhouse gas levels. Ancient evidence can also be found in tree rings, ocean sediments, coral reefs, and layers of sedimentary rocks.

Satellite data show that Earth's polar ice sheets are losing mass (287 Giggatonnes per year).

This ancient, or paleoclimate, evidence reveals that current warming is occurring roughly ten times faster than the average rate of ice-age-recovery warming. Earth-orbiting satellites and other technological advances have enabled scientists to see the big picture, collecting many different types of information about our planet and its climate on a global scale.

This body of data, collected over many years, reveals the signals of a changing climate. The Greenland and Antarctic ice sheets have decreased in mass. Data from NASA's Gravity Recovery and Climate Experiment show Greenland lost 150 to 250 cubic kilometers (36 to 60 cubic miles) of ice per year between 2002 and 2006, while Antarctica lost about 152 cubic kilometers (36 cubic miles) of ice between 2002 and 2005.



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## CLIMATE CHANGE STATEMENTS

The reality is that Governments and politics are not all involved together with enough strength (using all the resources they have) to fight this problem

Also the total strength made in the world by any organization, private company or individual is not enough to solve the problem.

John Roome, senior director for climate change at the World Bank, told journalists: Climate change will drive 100 million more people into poverty in the next 15 years [unless action is taken]."

**THIS IS THE REASON WHY WE WANT TO INVOLVE YOU ALL IN THE FIGHT TO SAVE OUR WORLD.**



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## 1.2.- BLOCKCHAIN, CRYPTOCURRENCIES & ETHEREUM OVERVIEW.

### Information



#### What is blockchain?

Blockchain is the technology behind bitcoin, the cryptocurrency everyone's talking about. It supports secure and reliable financial transactions between two parties without intermediaries, thus driving down costs.

For a more detailed answer, you need to know that the bitcoin ecosystem is based on APIs. This means blockchain is a sort of huge database distributed across numerous servers around the world, which compiles all bitcoin transactions. Each one of these encrypted and authenticated transactions is added to the chain of blocks – or blockchain – on which the bitcoin system is based. APIs make this process possible.

A blockchain is a type of distributed ledger that uses encryption to store permanent and tamper-proof records of transaction data. The data is stored via a peer-to-peer network using a "consensus" principle to validate each transaction



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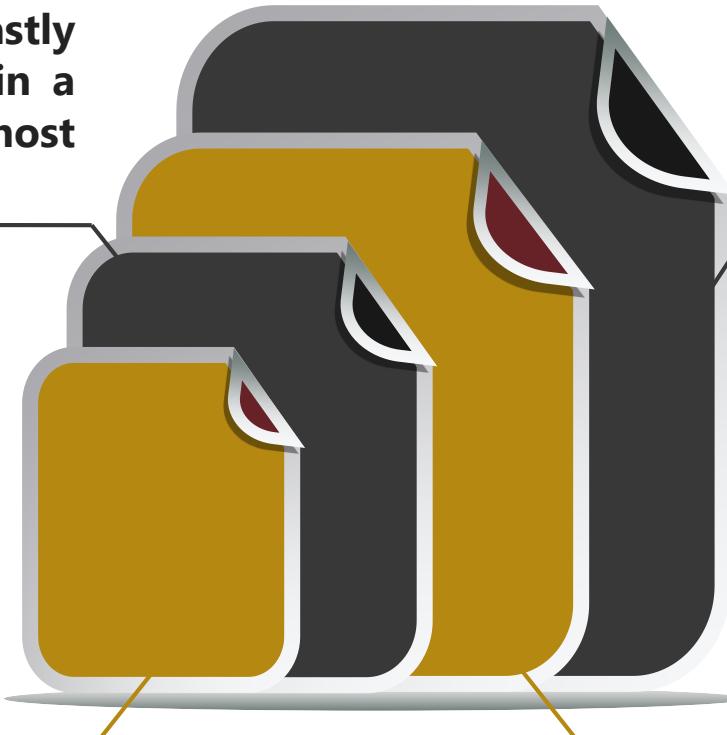
## HOW BLOCKCHAIN WORKS

One of the major benefits of a blockchain system is that it holds promise to eliminate -- or vastly reduce -- friction and costs in a wide variety of applications, most prominently financial services

because it eliminates a central authority (e.g., [a clearing house](#)) in conducting and validating transactions, transactions go straight from sender to receiver.

Blockchain technology underpins cryptocurrencies specifically [Bitcoin](#) and Ethereum

Also it is being explored as foundational technology for a range of other systems of record like mobile payments, property ownership records and smart contracts.



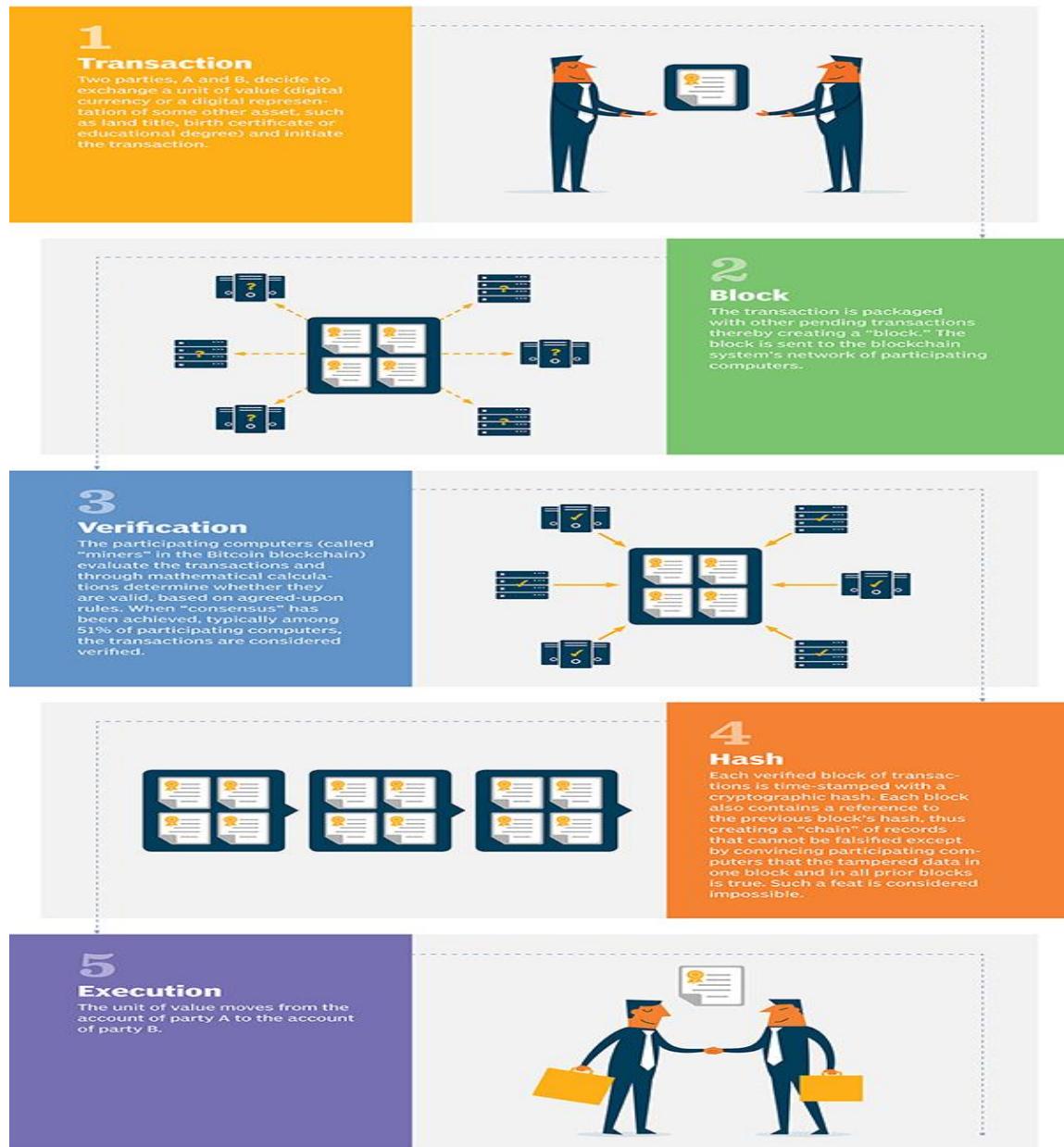
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## HOW BLOCKCHAIN WORKS

To get a solid understanding of how to use blockchain in an enterprise setting, CIOs must first grasp how a unit of value in a transaction moves from party A to party B. This infographic details how blockchain works from transaction initiation, through verification, all the way to the Execution.

### How Blockchain Works

1 TRANSACTION    2 BLOCK    3 VERIFICATION    4 HASH    5 EXECUTION



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## HOW BLOCKCHAIN WORKS

01

Experts predict that the list of blockchain use cases -- and the technology's impact on society -- will continue to grow. According to Don Tapscott, author, consultant and CEO at The Tapscott Group, blockchain's promise to change how wealth is created across the globe is one of the most significant societal impacts to note.



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Big experts in the matter also suggested that blockchain will:

01

Enable people living in the developing world, who currently don't have bank accounts, to participate in the digital economy.

02

Protect rights to property ownership records.

03

Help create a sharing economy based on actual sharing.

04

Improve the process of sending money to family members in foreign countries via electronic remittance.

05

Help consumers monetize data -- including their own data.

06

Reduce the costs of doing business.

07

Hold government officials accountable with smart contracts.



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## Ethereum

Ethereum is an open blockchain platform that lets anyone build and use decentralized applications that run on blockchain technology. Like Bitcoin, no one controls or owns Ethereum – it is an open-source project built by many people around the world. but unlike the Bitcoin protocol, Ethereum was designed to be adaptable and flexible. It is easy to create new applications on the Ethereum platform, and with the Homestead release, it is now safe for anyone to use those applications.



The most important distinction to note is that Bitcoin and Ethereum differ substantially in purpose and capability.



Bitcoin offers one particular application of blockchain technology, a peer to peer electronic cash system that enables online Bitcoin payments.



While the bitcoin blockchain is used to track ownership of digital currency (bitcoins), the Ethereum blockchain focuses on running the programming code of any decentralized application.



In the Ethereum blockchain, instead of mining for bitcoin, miners work to earn Ether, a type of crypto token that fuels the network. Beyond a tradeable cryptocurrency, Ether is also used by application developers to pay for transaction fees and services on



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## WHAT IS ETHEREUM?



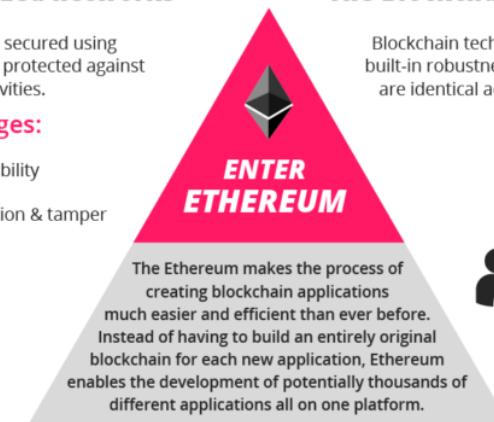
**"Bitcoin is first and foremost a currency; this is one particular application of a blockchain. However, it is far from the only application. To take a past example of a similar situation, e-mail is one particular use of the internet, and for sure helped popularise it, but there are many others."** [Dr Gavin Wood, Ethereum Co-Founder](#)

### ***Benefits of Decentralized networks***

With no central point of failure and secured using cryptography, applications are well protected against hacking attacks and fraudulent activities.

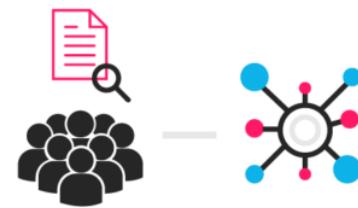


- Advantages:**
- ✓ Immutability
  - ✓ Corruption & tamper
  - ✓ Secure



### ***The Blockchain***

Blockchain technology is like the internet in that it has a built-in robustness. By storing blocks of information that are identical across its network, the blockchain cannot:



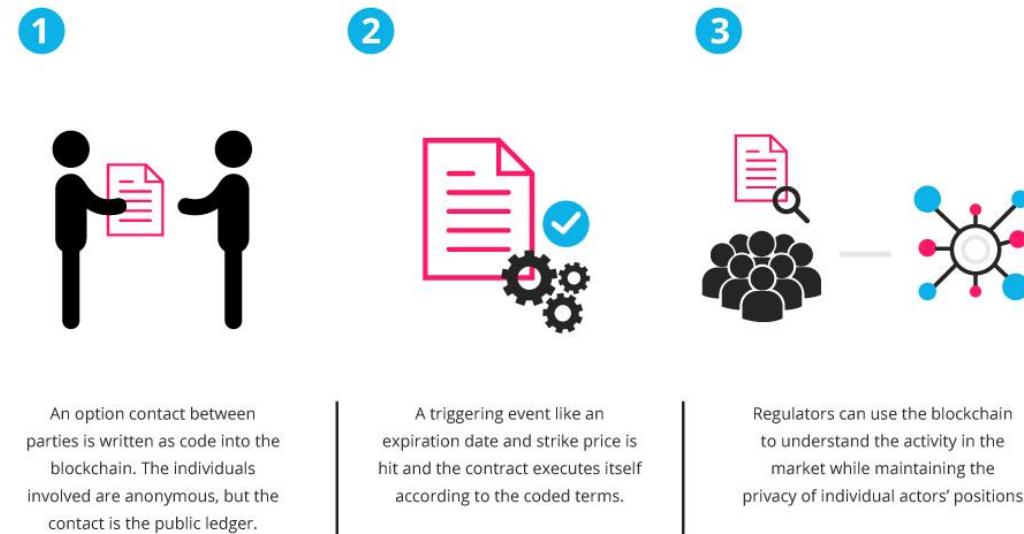
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## WHAT IS A SMARTCONTRACT?

Smart contract is just a phrase used to describe computer code that can facilitate the exchange of money, content, property, shares, or anything of value. When run on the blockchain a smart contract becomes like a self-operating computer program that automatically executes when specific conditions are met. Because smart contracts run on the blockchain, they run exactly as programmed without any possibility of censorship, downtime, fraud or third party interference.



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## WHAT IS A SMARTCONTRACT?

**While all blockchains have the ability to process code, most are severely limited. Ethereum is different. Rather than giving a set of limited operations, Ethereum allows developers to create whatever operations they want. This means developers can build thousands of different applications that go way beyond anything we have seen before. " [Ethereum] blockchain has some extraordinary capabilities. One of them is that you can build smart contracts. It's kind of what it sounds like. It's a contract that self executes, and the contract handles the enforcement, the management, performance and payment"** [Don Tapscott](#)



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## GLOSSARY

- **bitcoin:** a digital currency that is not backed by any country's central bank or government; traded for goods or services with vendors that accept Bitcoins as payment
- **bitcoin mining:** the act of processing transactions in the digital currency system; the records of current bitcoin transactions -- identified as blocks -- are added to the record of past transactions, known as the blockchain
- **cryptocurrency:** a subset of digital currencies; they have no physical representation and use [encryption](#) to secure the processes involved in conducting transactions
- **digital wallet:** a software application, [typically for a smartphone](#), that serves as an electronic version of a physical wallet
- **distributed ledger:** a [database](#) in which portions of the database are stored in multiple physical locations and processing is distributed among multiple database nodes; blockchain systems are referred to as distributed ledgers
- **Ethereum:** a public blockchain-based distributed computing platform with smart contract functionality; helps execute peer-to-peer contracts using a cryptocurrency called ether
- **hash/hashing:** the transformation of a string of characters into a usually shorter, fixed-length value or key that represents the original string (similar the creation of a [bitly link](#))
- **remittance:** a sum of money sent, especially by mail or electronic transfer, in payment for goods or services or as a gift
- **smart contract:** a computer program that directly controls the transfer of digital currencies or assets between parties under certain conditions; stored on blockchain technology



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## **1.3.- WHAT IS CLIMATECOIN?**

**Climatecoin is a cryptocurrency based in Ethereum created as a unique mechanism for all the individuals, for all citizens of the world, to be able to fight the Climate Change.**

Any person, company, organization around the world, will be able to buy tokens of CLIMATECOIN as a way to invest in one product that not only is giving them benefits like if it was a deposit and because of token appreciation, but also because the Climatecoin Foundation will be using their to try to solve humanity problems.



With the money the Climatecoin Foundation gets from these purchases, will be buying companies (or stakes on them) that are currently fighting the Climate Change problem; we may be buying already running companies that already create benefits, make seed investments in early stage companies, create our own companies or projects (solar, wind...), or buying solutions from others to use them in our companies.

**Our mission is to focus all our efforts in fighting climate change, but without losing the vision that we will be acquiring/running companies and for that reason they might return benefits to the investors.**



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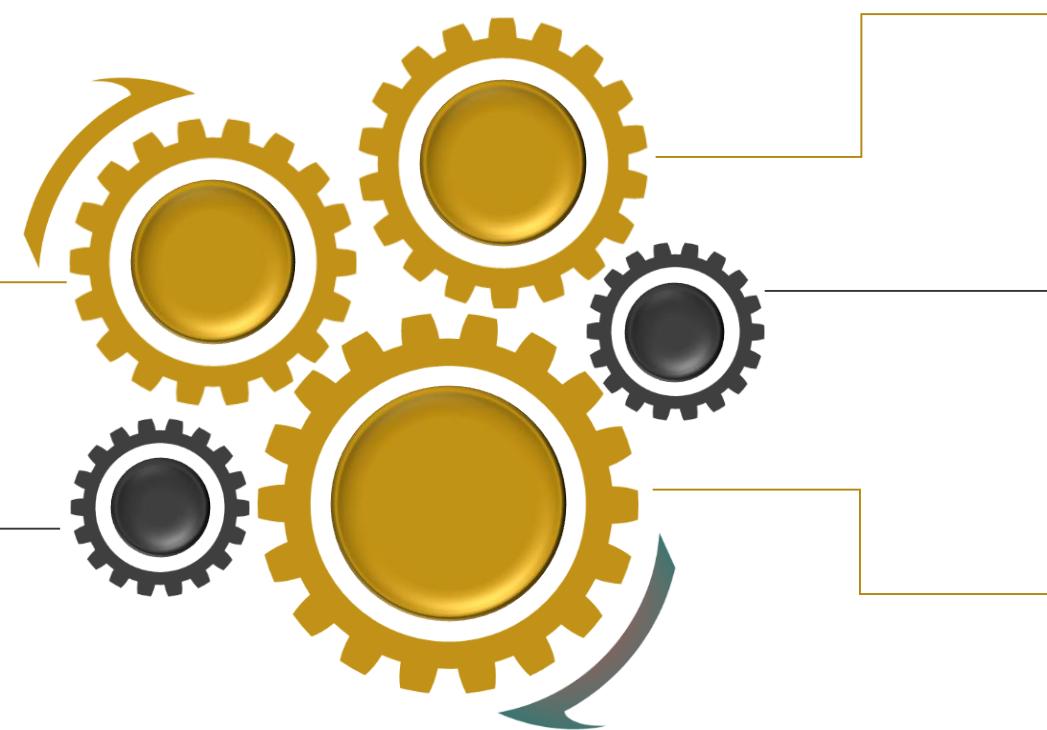
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## 1.3.- WHAT IS CLIMATECOIN?

In order to guarantee that the money that Climatecoin Foundation will be used for acquiring companies that fight climate change and companies that must be profitable, we will be hiring a worldwide recognized audit company in order to witness about the correct managing of the company, the destiny of the funds for acquisition and the companies acquired

Like a listed company we will be sending to the token investors a quarterly report with our progress in acquisitions and benefits from the companies.

At the same time we are closing agreements with Big institutions and organizations that agglutinate the best and more innovative companies in the environment preservation world.



Also we are creating a Board of advisors with very relevant people from the energy and technology fields in order to guarantee that the company is focused in its mission.

We like to say that we are like an investment fund for fighting Climate change but based in blockchain.

The benefit of the Organization will be generated from the dividends that come from the companies acquired or participated.



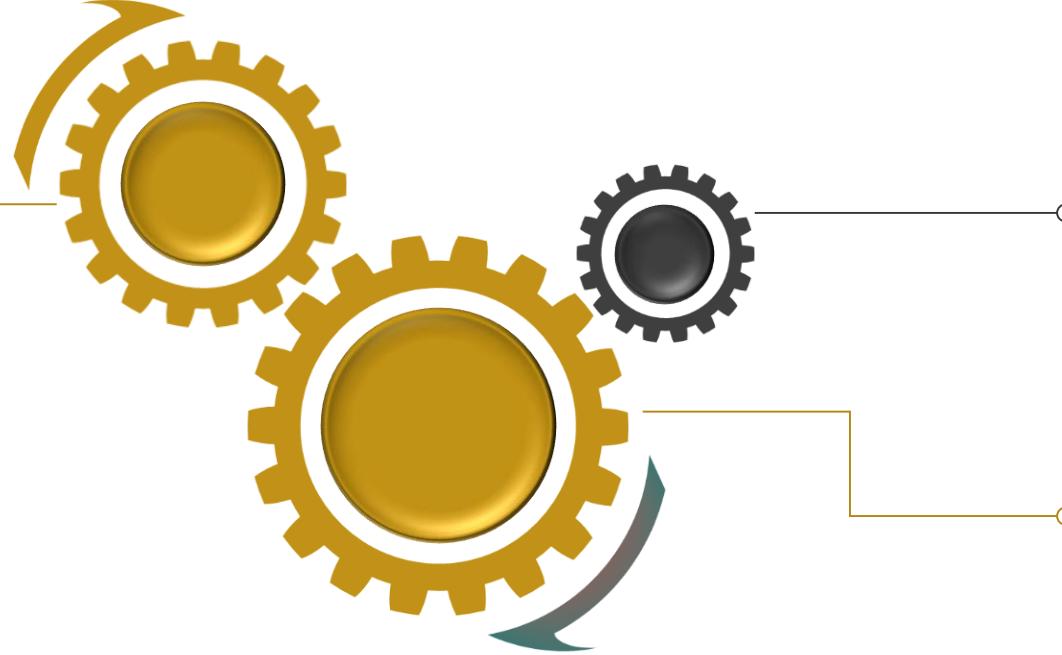
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## 1.3.- WHAT IS CLIMATECOIN?

Climatecoin organization will distribute a 20% dividend of his total benefit for the token holders, proportional to the number of tokens they hold. eg. If you hold 5% of all tokens, you will receive 5% of this percentage of all dividends generated by Climatecoin.

We will issue a total of 23mm tokens in our ICO with an initial value of 5USD each of them



This way one person can participate in a big cause with a small amount of money (from 5 euros only).

We can achieve great if we are all together, none of us can do it if we are alone; small amounts of money together, gets converted in a big amount of money to be able to make great things in order to change the world.

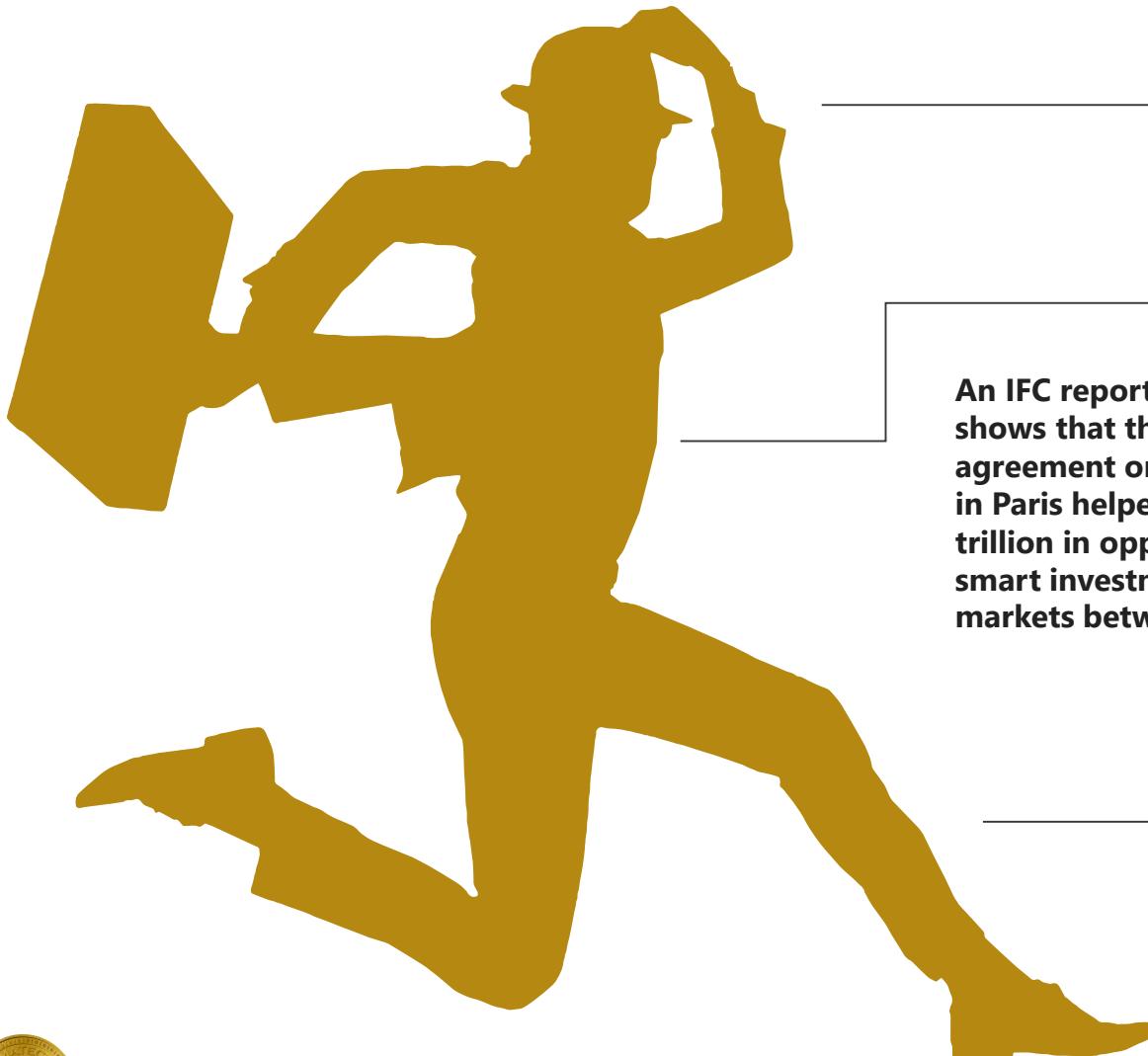


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## 2.- ECONOMICAL FACTS & OPPORTUNITY

### 2.1.- MARKET OPPORTUNITY



The OCDE estimates that around 103 trillion USD of cumulate investment between 2016 to 2030 is needed to mitigate Climate change, so that means big profits for all these related companies that we are buying or participating that have products, services or solutions to fight Climate Change.

An IFC report launched in November shows that the historic global agreement on climate change adopted in Paris helped open up nearly \$23 trillion in opportunities for climate-smart investments in emerging markets between now and 2030.

Since the Paris Agreement was adopted in December 2015, a total of 189 countries have submitted their national plans that target aggressive growth in climate solutions—including renewable energy, low-carbon cities, energy efficiency, sustainable forest management, and climate-smart agriculture. These plans, called Nationally Determined Contributions (NDCs), offer a clear roadmap for investments that will target climate-resilient infrastructure and offset higher upfront costs through efficiency gains and fuel savings.



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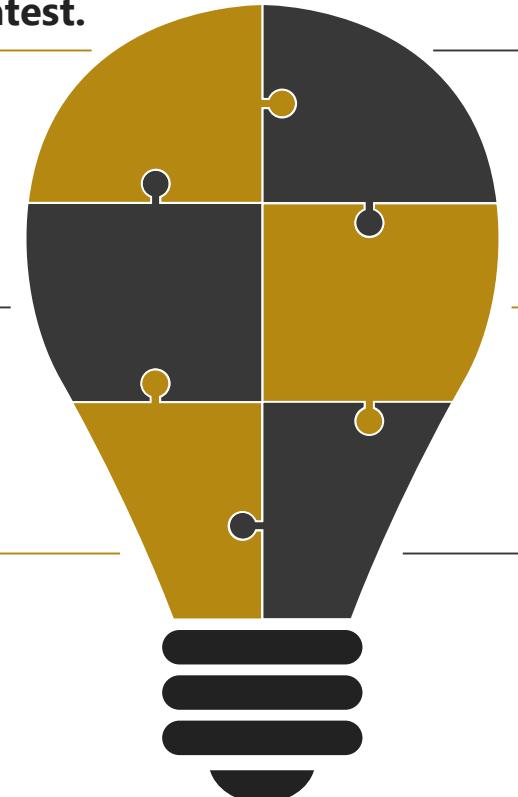
## 2.1.- MARKET OPPORTUNITY EMERGING MARKETS

IFC's study, based on the national climate-change commitments and underlying policies of 21 emerging-market economies, representing 48 percent of global emissions, identifies sectors in each region where the potential for investment is greatest.

**East Asia and the Pacific:** green buildings—where China, Indonesia, the Philippines, and Vietnam show a climate-smart investment potential of \$16 trillion.

**Latin America and the Caribbean** offer the next largest opportunity—particularly in sustainable transportation, where the potential for investment in Argentina, Brazil, Colombia, and Mexico is about \$2.6 trillion.

**South Asia:** Opportunities are mostly seen in climate-resilient infrastructure, where \$2.5 trillion of opportunities exist in India and Bangladesh.



**Sub-Saharan Africa** represents a \$783 billion opportunity—particularly for clean energy in Cote d'Ivoire, Kenya, Nigeria, and South Africa.

**Eastern Europe**, with its biggest markets—Russia, Serbia, Turkey, and Ukraine—shows a combined investment potential of \$665 billion, mostly in energy efficiency and new green buildings.

**Middle East and North Africa:** the total climate-investment potential for Egypt, Jordan, and Morocco is estimated at \$265 billion, over a third of which is for renewable-energy generation, while 55 percent (\$146 billion) is for climate-smart buildings, transportation, and waste solutions.



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## 2.1.- MARKET OPPORTUNITY – WORLD BANK INVESTMENTS

At least \$16bn a year, from across the World Bank group, which includes other development and finance institutions, will be directed to climate change projects, including renewable energy and energy efficiency.

The group will aim to mobilise \$13bn in extra funding from the private sector within four years, for instance through joint funding programmes.

By 2020, these efforts should amount to about \$29bn a year, nearly a third of the \$100bn a year in climate finance promised by rich countries to the poor as part of global climate change agreements.



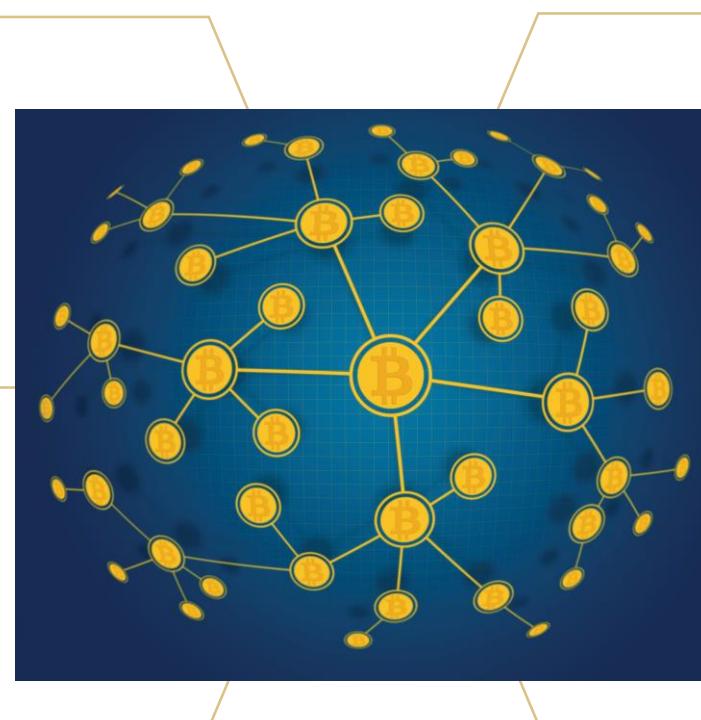
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## 2.2.- BLOCKCHAIN OPPORTUNITY

Businesses across the globe spent \$2.5 billion in 2016 on blockchain, and by 2025 that will rise to \$19.9 billion, with the financial services sector accounting for the majority of the future market growth, predict different reports.

"Blockchain technology is one of the most promising upcoming technological trends in the information technology domain," according to Grand View Research.

"Not only does the technology hold the ability to disrupt the way the financial sector often works but it will also have ramifications on many other industries including consumer goods, technology, and media and telecom, among others," reads the report.



Using blockchain as a way to approach more people in the world in a more simple, fast, reliable, confidential and safe way, makes this initiative a doble value one as different appreciation possibilities appear for our currency. At the moment of this writing Bitcoin has a value of 1.891,75€ and Ethereum of 158,93€.

Ethereum has a Market Cap of \$17 billion USD, with roughly \$550.8 million worth of Ether exchanged every 24 hour period.

Due to the programmable ability to run smart-contracts on the blockchain, large international institutions are beginning to find ways to leverage this network to reduce business costs.

This is the primary advantage Ethereum has over bitcoin. Ethereum has experienced tremendous growth over the past year, with prices rising by a factor of 21. Such tremendous growth rates highlight a growing need for experienced, honest and reliable business based in Blockchain technology.

Ethereum is being adopted by big institutions like in the HYPERLEDGER Project hosted by Linux Foundation that has among its members American Express, BBVA, The Bank of England, Airbus, SAP, Wells Fargo and Thomson Reuters..



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## 3.- OUR VISION

**In Climatecoin Foundation we want to turn around the current destructive process of the environment that is affecting our world. We want the world to be again a place where nature as an entity is protected and respected by all the citizens of the world.**

Recently different ICOs went public, generating great expectation for the future valuation of the tokens without really having any tangible market potential and resulting in traps for many ether holders as it was a mere way of speculation for most of the investors.

Climatecoin is created to change the rules and brings blockchain to the real world. Our main differences with other ICOs are:

1. The money raised in our ICOs will be mostly used for acquiring tangible assets with real value. As we stated above the money is destined to buy companies with products or services that fight climate change, so our Organization will have shares of companies with real value and real assets. People will have a double value: a) dividends b) currency value appreciation as the Organization grows up.
2. We will open the spectrum of people that can participate in the ICO. Normally ICOs are made for people who hold ethers previously, so only people with some experience with cryptocurrencies are usually able to enter them. In CLIMATECOIN We want everybody to be able to participate in the ICO we are preparing as the Climate change is a problem for everybody of us, so we will make sure that our campaign reaches any individual whether they have a wallet or not, and know how to deal with these issues or not.



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## 4.- DEVELOPMENT TIMELINE



**FUTURE: Working everyday to create a big brand globally, identifying companies and starting projects that fight climate change. We become a symbol of this cause.**



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## 5.- TECHNICAL ANALYSIS

### eToken Contract as a basis for Climatecoin CO2 Token

**CO2 is a token issued within an eToken<sup>1</sup> contract. There will be 500.000.000 Climate tokens created for the ICO. No further CO2 will be generated after this phase of the project and all the unsold tokens will be destroyed.**

CO2 eToken is an Ethereum smart contract, written using Solidity<sup>2</sup> programming language by programmer<sup>3</sup>. It enables issuance of tokens in Ethereum network and provides a rich set of features:

1. Implementation of ICAP<sup>4</sup> for multi-layer transaction routing
2. Account recovery for the lost key scenario
3. Allowances
4. Automatic ethereum network fee refunds
5. Integrated exchange with Ether currency
6. Ability to set transaction fees

CO2 eToken also implements EIP20<sup>5</sup>, also known as Standardized Contract API. EIP20 compatibility ensures that integration with exchanges and other services will be no harder than for any other Ethereum-based token.

<sup>1</sup> <https://www.ethereum.org/token>

<sup>2</sup> <http://solidity.readthedocs.io/en/latest/>

<sup>3</sup> [https://github.com TokenNameNet/ico/tree/master/contracts](https://github.com	TokenNameNet/ico/tree/master/contracts)

<sup>4</sup> <https://github.com/ethereum/wiki/wiki/ICAP:-Inter-exchange-Client-Address-Protocol>

<sup>5</sup> <https://github.com/ethereum/EIPs/issues/20>



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## SYSTEM ARCHITECTURE OVERVIEW

### Ethereum Network

- Network infrastructure
- Data persistence layer
- Consensus/enforcement of the contract logic
- Transaction execution

### eToken Contract

- Token issuance algorithm
- Account balances database
- Transaction rules

### Wallet Software

- User interfaces
- Business logic of token users
- Transaction creation

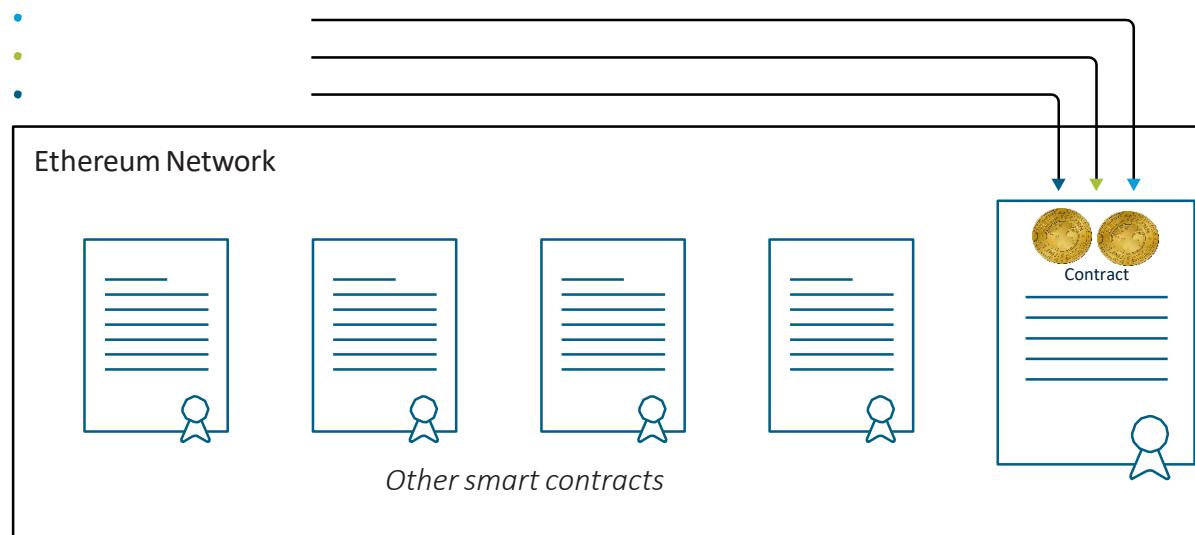


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## Network-level Interaction Diagram

Ethereum network provides a medium for interaction between companies and users. Parties interact by sending transactions to the Climatecoin contract. All transactions are validated by contract business logic and recorded in the blockchain. Contract API is open to all internet users and anyone can become a user of Climatecoin CO2 token.



## System-level Interaction Diagram

The CO2 eToken protocol supports 2 primary account security models: user-side keys and hosted wallet.

- **User-side Keys**

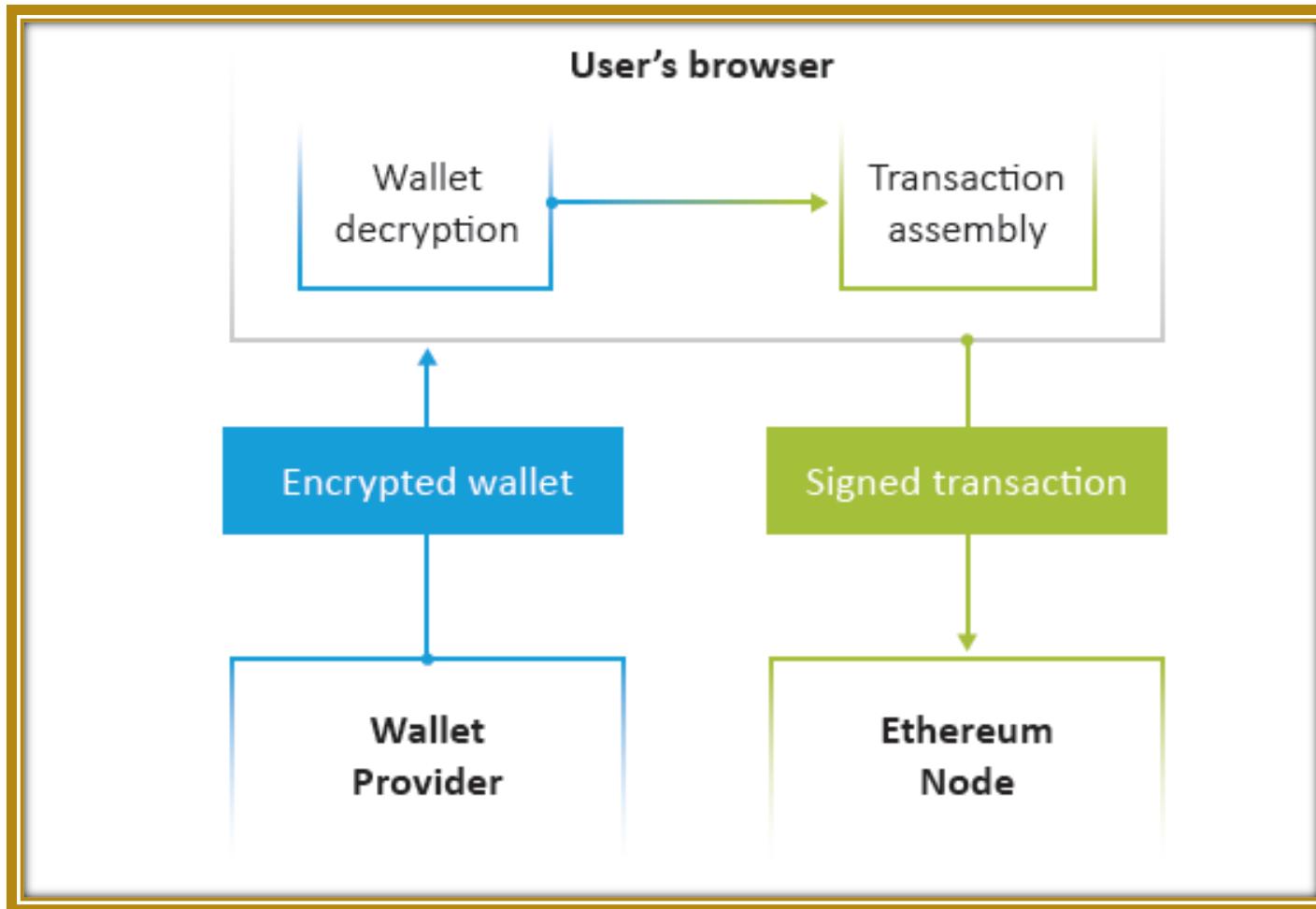
In this case, private key that unlocks account is known only to end-user.



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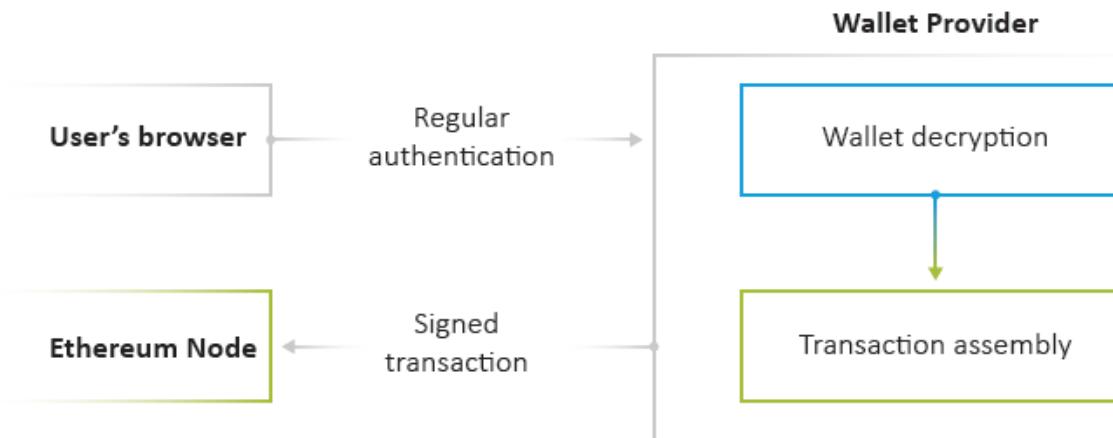
## Network-level Interaction Diagram



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## HOSTED WALLET

In this case, financial institution (exchange or wallet provider) is responsible for key security. Only 1-2 keys per institution are used and transactions are routed to specific user accounts using ICAP<sub>c</sub> protocol.



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## 6.- DIVIDENDS & TOKEN SALE

### 6.1.- Dividends

To have a proof of CO2 ownership by exact addresses, Climatecoin Foundation will make Snapshots of Blockchain prior each dividends distribution using a specially developed tool named Dividends Report. It allows to capture the current state of tokens distribution among investors as on the exact block. The number of the milestone block as well as an approximate date and time of its appearance will be announced in advance both, by email and at the Climatecoin.io Website.

Climatecoin Foundation financial management undertakes to transfer 20% of the company distributable profit to the Dividends distribution smart contract on a yearly basis. The date of dividends distribution will be announced in advance at Climatecoin.io Website. Also users will be notified via email twice.

In order to receive their share of dividends, users will be required to return CO2 tokens to the CO2 Wallet or any other wallet which supports the dividends payment mode in case, if they have been stored outside of it. The list of such wallets will be announced at the Climatecoin.io Website.

Climatecoin Foundation is negotiating with all major exchanges regarding implementation of the dividends accepting functionality. The Company will inform customers whenever this feature will be available at any of them.

A Dividends distribution smart contract is designed to distribute profit among the investors according to their stakes. All the payments will be made in ETH. Dividends will be sent to those addresses whose CO2 token ownership will be proved by Snapshot of Blockchain.



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## 6.- DIVIDENDS & TOKEN SALE

### 6.1.- CO2 Tokens - Description

*Climatecoin Foundation* is issuing *Climatecoin CO2 Tokens* through the smart contract system operated by *Ethereum* (ref to Annex 1). The funds raised by the sale of CO2 tokens will be retained by *Climatecoin Foundation* in a *Escrow Account* until they are used.

*Climatecoin Foundation* is a public registered body with legal responsibilities and is subject to audits. This will ensure the transparency of operations and the secure custody of the funds. *The company have hired a World know audit company in order to take care of all audit issues.*



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## 6.- DIVIDENDS & TOKEN SALE

### 6.1.- CO2 Tokens - Description

#### Token name:

CO2 Token - Climatecoin Profit-Share Smart Contract. A *Climatecoin CO2 Token* represents the right to receive a part of distributable profits of *Climatecoin Foundation*. All tokens in aggregate will have the right to receive 20% of such profits.

The CO2 Tokens will be assigned pro-rata to the funds provided to *Climatecoin Foundation*.

#### Payout Structure:

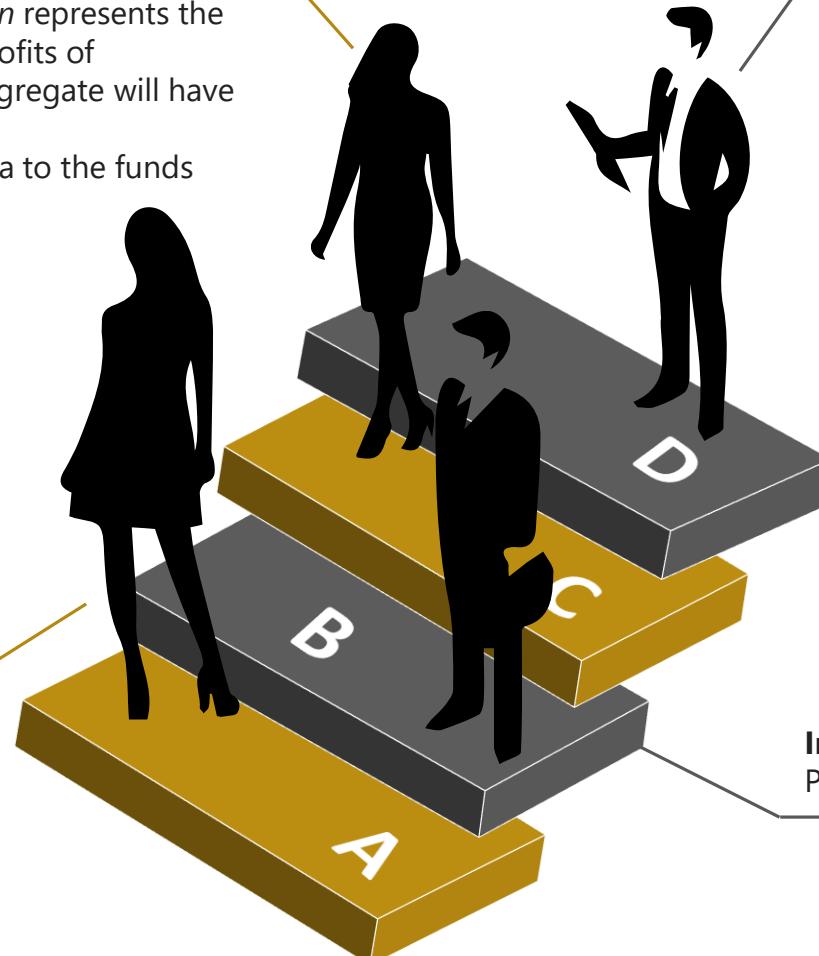
According to the Bylaws, at the end of a financial year, 20% of distributable profit of *Climatecoin Foundation* is transferred to the specific Ethereum (ETH) wallet. The ETH is then redistributed to all holders of *Climatecoin* tokens according to smart contract conditions (i.e. the stake of profit is received pro-rata the share of tokens owned).

#### Token supply:

The total supply is not locked, as we will need to be able to add tokens before the end of sale and revoke the unsold amount.

#### Initial Rate:

Price per token is locked on 5USD per 1 Token



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## 6.- DIVIDENDS & TOKEN SALE

### 6.2.- CO2 Tokens - Distribution



#### Bonuses

Extra tokens added to a purchase.



#### Bounties

Bounties percentage: x% out of the bounty pool.



Facebook Campaign

Twitter Campaign

Climate Thread support

Signature Campaign

Translation Campaign

Exclusive Support



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## 6.- DIVIDENDS & TOKEN SALE

### 6.2.- CO2 Tokens - Distribution

#### Token Distribution:

- Distributed to users - 90%;
- Founders - 8%;
- Bounties - 2%.

#### Bonuses:

- Day 1 – 25% token bonus;
- Day 2-7 – 20% token bonus;
- Week 2 – 15% token bonus;
- Week 3 – 10% token bonus;
- Week 4 – 5% token bonus;
- Week 5 – 0% token bonus.

#### Bounties:

- Facebook campaign – 10.00% of bounty pool;
- Twitter campaign – 10.00% of bounty pool;
- Signature campaign – 15.00% of bounty pool;
- Climate thread support – 10.00% of bounty pool;
- Translation campaign – 15.00 of bounty pool;
- Exclusive support – 40.00% of bounty pool.

**Bounties are provided after the crowdsale ends. At the end of the crowdsale all CO2 tokens sold are considered to be 90% of the total supply. The remaining 10% are then distributed among founders and bounties receivers according to the information above.**

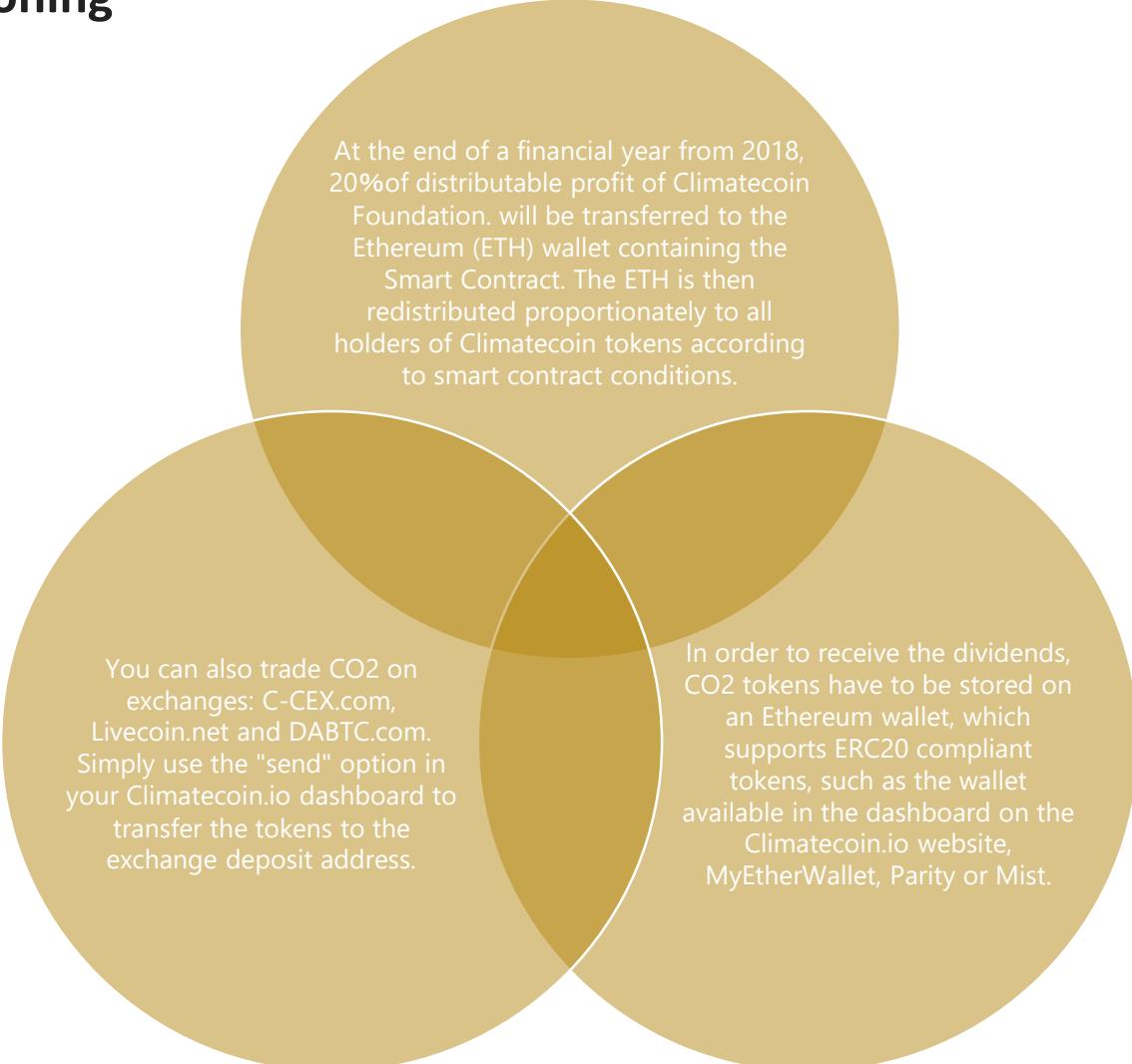


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## 6.- DIVIDENDS & TOKEN SALE

### 6.3.- CO2 Tokens - Functioning



At the end of a financial year from 2018, 20% of distributable profit of Climatecoin Foundation, will be transferred to the Ethereum (ETH) wallet containing the Smart Contract. The ETH is then redistributed proportionately to all holders of Climatecoin tokens according to smart contract conditions.

You can also trade CO2 on exchanges: C-CEX.com, Livecoin.net and DABTC.com. Simply use the "send" option in your Climatecoin.io dashboard to transfer the tokens to the exchange deposit address.

In order to receive the dividends, CO2 tokens have to be stored on an Ethereum wallet, which supports ERC20 compliant tokens, such as the wallet available in the dashboard on the Climatecoin.io website, MyEtherWallet, Parity or Mist.



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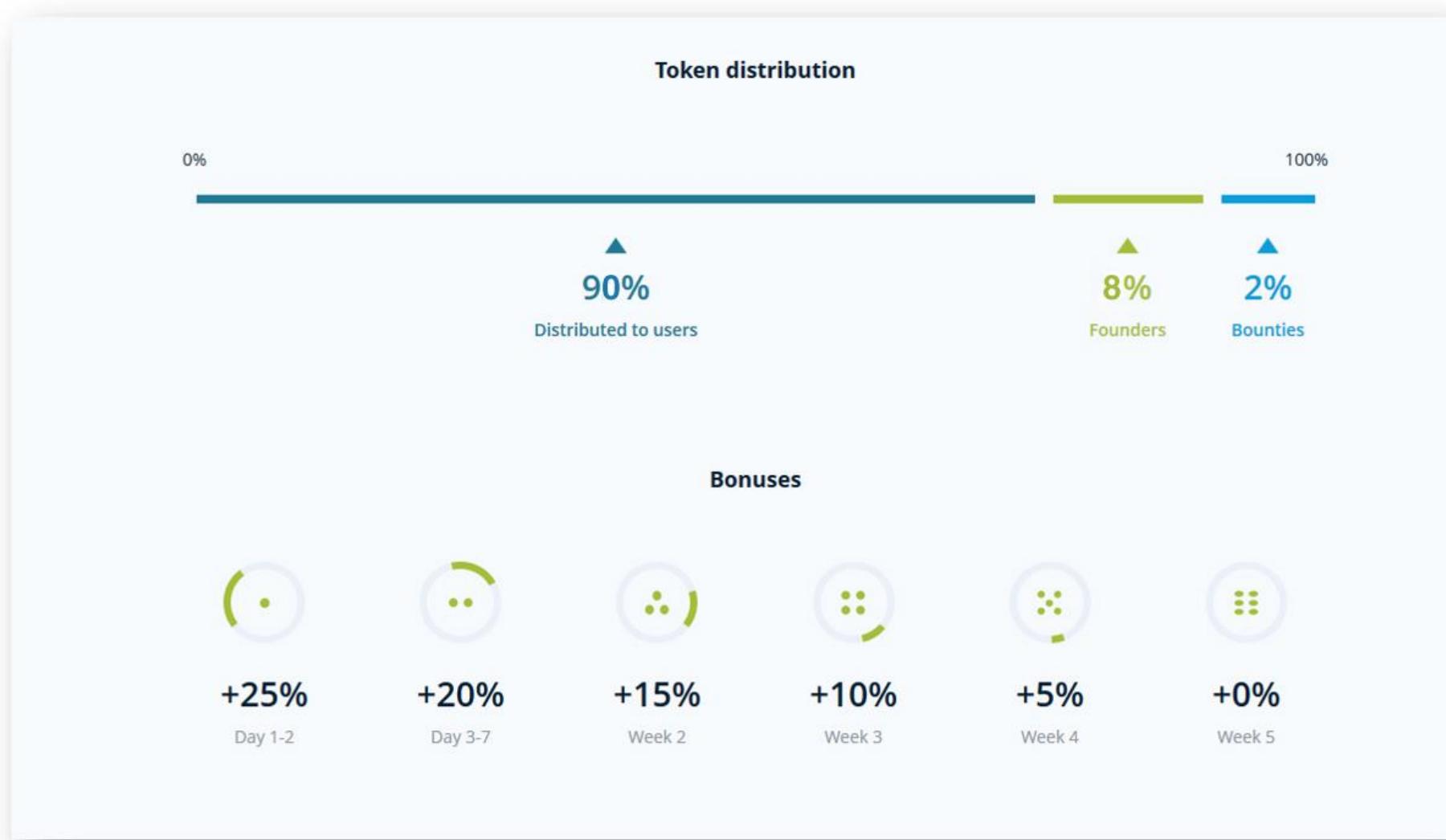
## 7.- ICO OVERVIEW

<b>What is a Climatecoin token:</b>	<b>Climatecoin token – Climatecoin Blockchain Share – represents the right to receive a part of company's profit. All token holders are eligible for obtaining dividends according to their stakes. Any number of tokens (100%) sold at the end of ICO have right to receive 20% of company's profits</b>
Payout Structure:	According to the company bylaws, at the end of a financial year 20% of the company's profit is transferred to an ETH wallet. The ETH is then redistributed to all holders of Climatecoin Tokens according to smart contract conditions
Symbol:	CO2
Total supply:	Unlimited number of tokens (8% of final tokens will be pre-allocated for the development team)
Adjustable:	Yes. All unsold tokens will be burned.
Initial Rate:	Price per token, locked. 1 token = 5USD
Starting Date:	October 23rd 2017 – Presale starts September 23rd
Token Sale Duration:	The token sale will last for 5 weeks.



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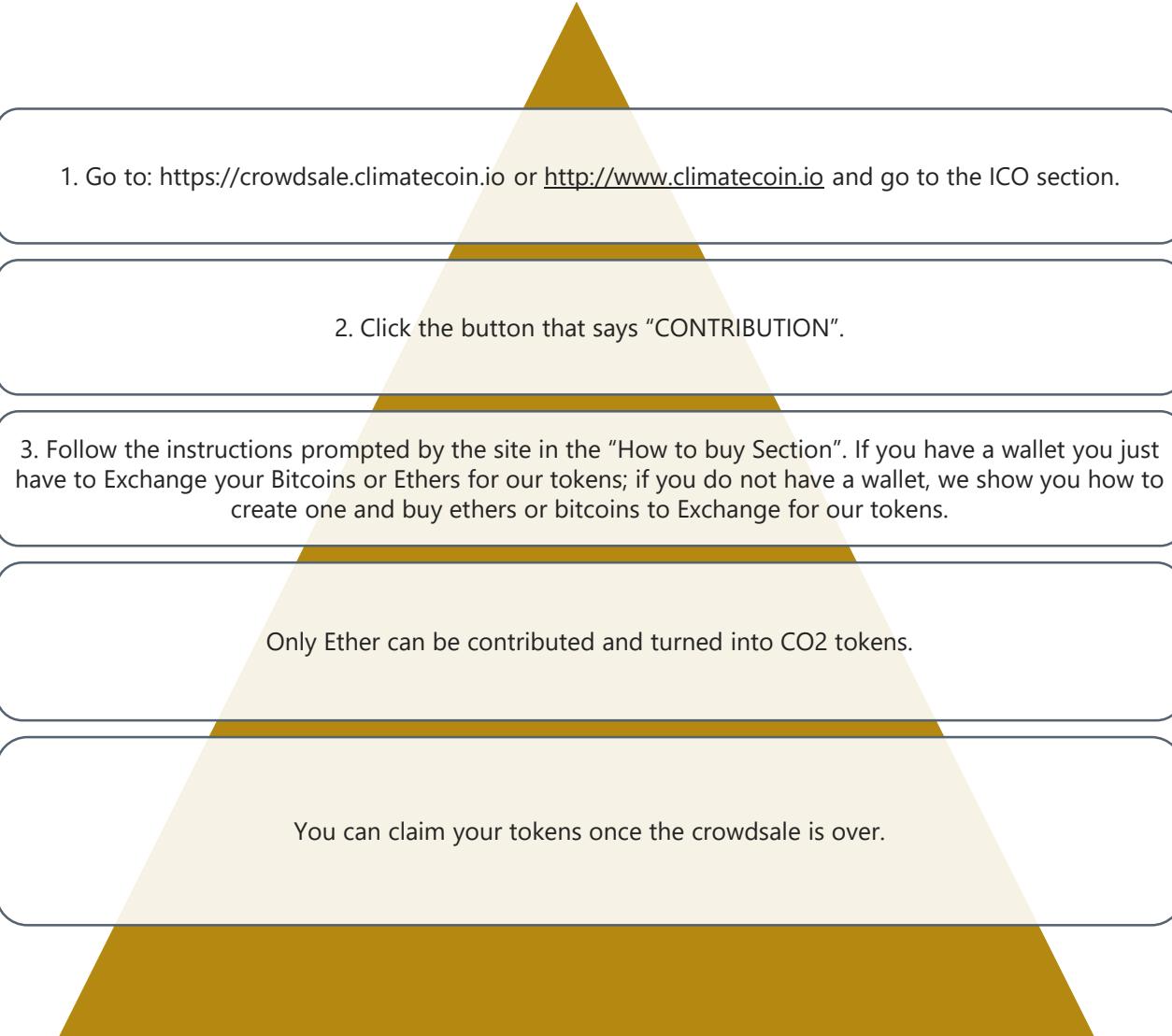
## 7.- ICO OVERVIEW



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## 8.- HOW TO PARTICIPATE



1. Go to: <https://crowdsale.climatecoin.io> or <http://www.climatecoin.io> and go to the ICO section.

2. Click the button that says "CONTRIBUTION".

3. Follow the instructions prompted by the site in the "How to buy Section". If you have a wallet you just have to Exchange your Bitcoins or Ethers for our tokens; if you do not have a wallet, we show you how to create one and buy ethers or bitcoins to Exchange for our tokens.

Only Ether can be contributed and turned into CO2 tokens.

You can claim your tokens once the crowdsale is over.



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# Thank You

