



# Smart Forest Coin (SFC)

Enhanced nature, saves the entire ecosystem

SFC is into Atmosphere Arc



# Smart Forest Coin

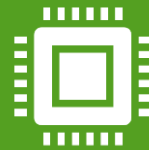
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# Introduction



Smart Forest Coin is an initiative in the context of blockchain technologies with physical activities.



The activities are specific for the protection and enhancement of resources and the creation of value and business thanks to the enhancement of Nature and Eco-System.

Smart Forest Coin does not concern the environment in general, but it deals specifically with air quality with direct actions on forests; the actions are subjected to verification by a certification institution which issues carbon credits and the activities take place under the supervision of national and international institutions.

This allows the creation of a certified instrument, i.e. the carbon credit certificate.



This project is not born to build a coin. In fact, it realizes an utility token, that is a coin that is based on an environmental collateral, or on measurable real physical activities, which generate a certifiable instrument.

This collateral is represented by carbon credit certificates; therefore new tokens can only be issued when new carbon credits are generated by Smart Forest Project or new value is created.

**Therefore, the present project could also exist independently of a coin or a blockchain.**





Associated with Smart Forest Coin, in proportion, **there is a certified carbon credit**, that is 1 ton of CO<sub>2</sub> absorbed by a forest thanks to a forest management carried out by the Smart Forest Project.

# Why choose Smart Forest Coin?



1. thanks to the token SFC everyone can invest on the air we breathe, also gaining an economic advantage, and not just the companies which produce carbon debts to carry out the production activities;
2. Thanks to the blockchain the project acquires the typical advantages offered by this technology in terms of: decentralization, security, privacy, transparency, democracy, meritocracy, sociality;
3. Thanks to our proposition everyone has the opportunity to invest and the team has the opportunity to realize in a shorter time the project that with traditional finance could take years, having to pay intermediary fees which would negatively affect, or it could subtract resources, to work that can be done for the care, protection and enhancement of forests.

# Technological Overview



In a society which evolves exponentially and sometimes even in a chaotic way, one of the sectors that seems to resist the current economic difficulties and that better reflects this rapid and continuous evolution is undoubtedly that of technology and particularly of Information Technology and therefore the Internet.

Blockchain guarantees an important turning point for the future of validation and transfer of data and, potentially, for the coordination of all human activities on a scale as large as it is not never being possible so far.





The aim of this project is to be able to use the Smart Contracts in the management of forest context, with a focus on territory with high development potential compared to other areas which have not wide forest area.

# The Opportunity

- ▶ Consider we create a package of forest assets (100.000 ha to rent for 15 years), consisting of certifiable credits in the form of carbon credits;
- ▶ Suppose that the package can be valorized after the management activities in field at a value of 2500 EUR per ha;
- ▶ Suppose that the analysis work of team persuades a group of institutional investors to grant a 5-year loan of the liquidity of 150MEur necessary for an overall ex-post interest of 10%, or 15 MEUR.

Thanks to this initiative there will be two closely linked instruments: carbon credits and the SFC tokens.

In relation to the price trend of SFC or its collateral, that is carbon credit, the token's owner can sold SFC or order to sell the collateral, according to the most appropriate choice and which allows to optimize revenues.



# The conceptual solution as a response to the identified opportunity



Everybody, regardless of their financial possibilities, should have a place in the smart forest world and enjoy its benefits. SFC uses the blockchain technology to ensure improvements into a traditional production process. We imagine a world where people can participate on smart forest coin purchases with no need for lawyers or authorities to be registered but at the same keeping a universally recognized right on the purchase. We put at your attention a new scenario where huge smart forest project can be owned by everybody and not just restricted groups. We propose a scenario where ordinary people, indeed, everyone can have in its own portfolio a token directly connected to forest assets with a small initial investment and like as in proportion with the capabilities of each person or institution.

One of the targets of SFC project is to take stable the token fluctuations, since the collateral in the form of assets will vastly decrease the chance of surges of the token, allowing holders to benefit from a more reliable and stable growth in the value of the token itself.

**Consequently, buying SFC, you will be effectively storing your money in a token which will be backed by forest management, thus in a context of economic development and growth, effectively minimizing risks usually associated with alt-coins.**



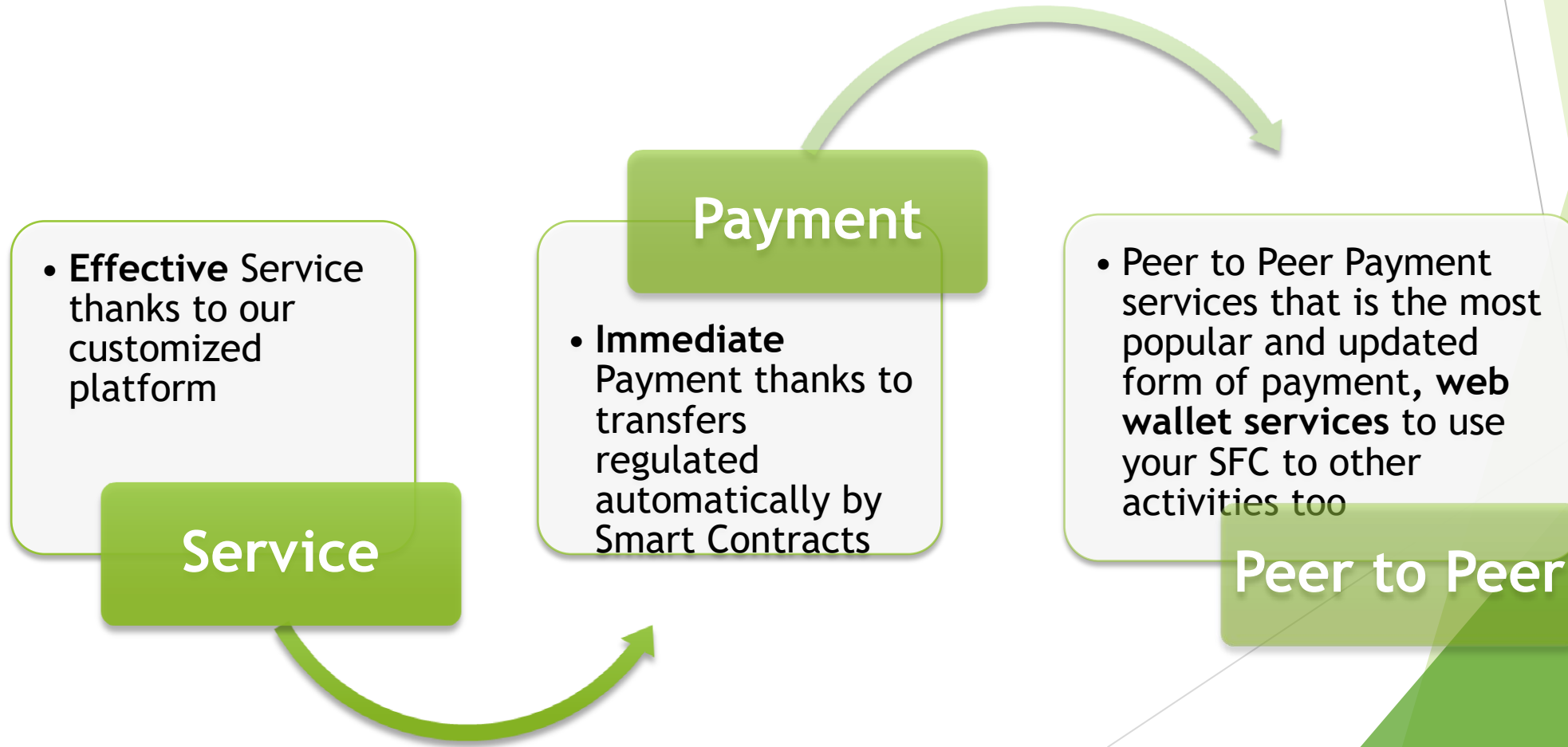


Knowing how to  
seize an  
international  
opportunity is not  
easy, we give you  
this chance **thanks**  
**to SFC.**



SMART FOREST

Of course, as for other similar projects targeting on other strategic opportunities, we have also in Smart Forest Coin project the typical advantages of blockchain



## Below are some details of the proposed project in brief

### 1/2



- ▶ Coin: Smart Forest Coin (SFC)
- ▶ Company name: Digital Atmosphere
- ▶ Initial reserve: 300 billion SFC, with specific allocation as described below
- ▶ Minimal size from 100 EUR (if purchase is made by bank transfer) or 10 EUR (if purchase is made by other cryptos)
- ▶ Ethereum based smart contract which stores all transactions
- ▶ Buy and sell on most exchanges

## Below are some details of the proposed project in brief

### 1/2



- ▶ Pay for renting or buying properties in our network by SFC
- ▶ Get a share of profits automatically as new SFCs comes
- ▶ Plus, profit on coin appreciation!
- ▶ Coin issuance backed by real and certified credits;
- ▶ Periodic token sales are guaranteed to increase the average coin value, thanks to new acquisition of real credits.



## Below are some details of the proposed project in brief

### 2/2

You can acquire SFCs in the different production cycles (typically, every cycle will have an annual cadence); moreover, each cycle will be characterized by three distinct phases:

1. Pre-Sale Phase (20% discount with respect to nominal price of 2,5 Eur and at least 10% discount with respect Asset Collocation by cashing physical carbon credit on market estimated into 36 months later) with 1 SFC = 2,5 EUR
2. Asset valorization on market (at equity valorization of asset) with 1 SFC  $\geq$  2,3 (equal to the initial value plus a value increasing of 15% thanks to the credit recovery)
3. Standard SFCs exchange on market (at market exchange value), with 1 SFC  $\geq$  SFC  $\pm$  o where o is the market oscillation and appreciation. Taking into account the type of collateral and the estimation of forest management market perspective is not probable and reasonable to consider a negative o greater than 3%, while a positive o thanks to a good work of the project and a fast acceleration of market about the innovation of SFC is very plausible and the actualization of the value at different time.



# Mining of SFC

Mining is the mechanism by which a digital token is generated.

There are several activities to generate tokens; this is because SFC is linked to a real production process, i.e. the carbon credits creation, fully sharing the production process and the underlying business model.

**The different operational macro-tasks are:**

- ▶ **MT1.** Affiliation, capture, and inclusion of the area in the Smart Forest Platform (SFP);
- ▶ **MT2.** Study, Design, and Implementation of methodologies, models, methods and technologies for the protection, preservation and enhancement of forest resources and its derivatives;
- ▶ **MT3.** Management of wooded areas;



# Mining of SFC

Mining is the mechanism by which a digital token is generated.

- ▶ **MT4.** Promotion and implementation of actions and interventions aimed at the production and valorization of Carbon Credit from wooded areas managed with the mechanism of the additionality of CO2 sequestered thanks to the SFP;
- ▶ **MT5.** Promotion and implementation of economic and legal initiatives and interventions aimed at the exploitation of SFP;
- ▶ **MT6.** Promotion and implementation of interventions aimed at processing and utilization of wood derived from SFP;
- ▶ **MT7.** Organization of promotional, cultural, social and marketing initiatives related to SFP and to the wooded areas affected by SFP.
- ▶ **MT8.** Quarterly reports (monthly notes).

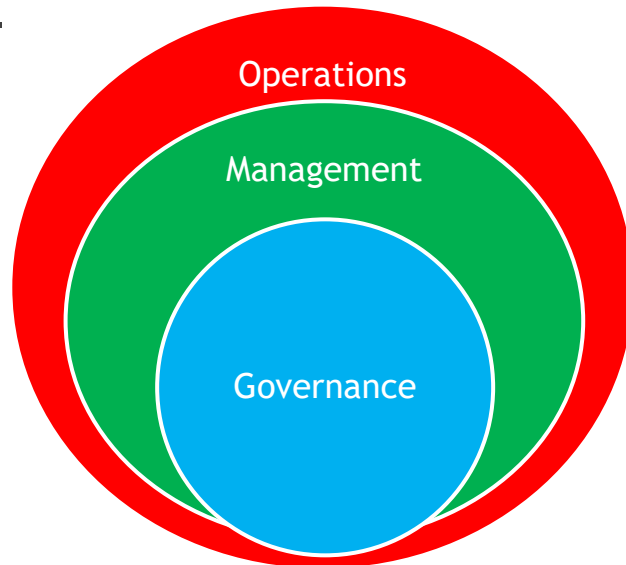


# Mining Pool for producing *SFC*

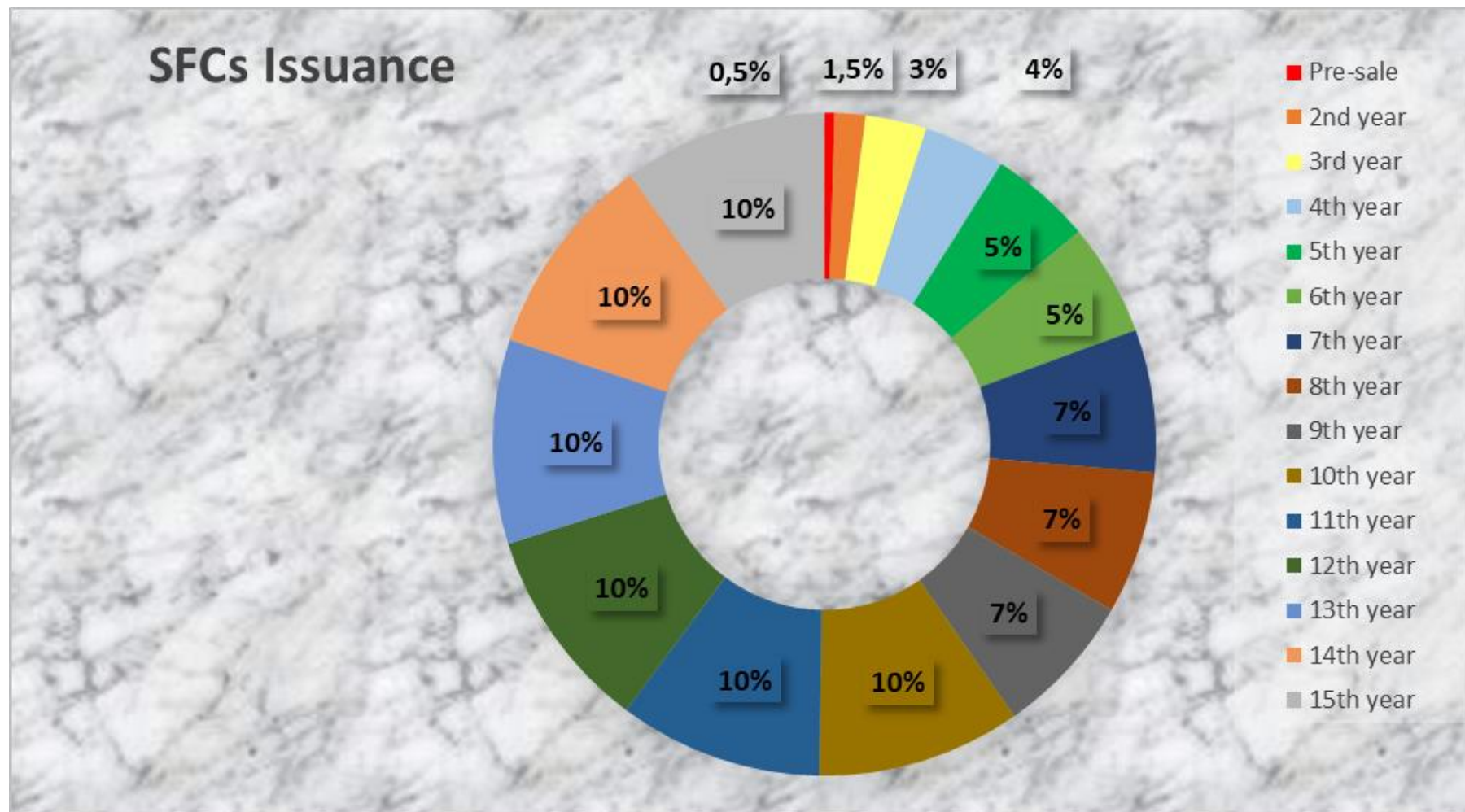
The Mining Pool (MP) of SFC, from now MP- SFC, is the structure that is part of the production of SFC in relation to the activities planned and implemented in accordance with the macro-tasks considered above.

The MP-SFC can be deconstructed into **three distinct functional areas**:

- Governance
- Management
- Operations, in relation to the actual tasks to be carried out for the production of a SFC.



# SFC Tokens Distribution Rules and Transparency



# The Team

## ❖ INTERNATIONAL MANAGEMENT

*GERARDO IOVANE (GENERAL SCIENTIFIC COORDINATOR)*



## ❖ RESEARCH AREA

Model Coordinator for Forest Areas	Dott.ssa Daniela Baldantoni
Modeling Manager and Forest Management Plans	Dott. Alessandro Bellino
Research Coordinator for ICT Technologies	Prof. Michele Nappi
Research Coordinator for information bases	Prof.ssa Genoveffa Tortora
Research coordinator for smart technologies and optimization	Dott.ssa Marta Chinnici
Research Coordinator for Technical and Environmental Physics	Prof. Alfonso Capozzoli

# The Team

## ❖ ICT TECHNOLOGY AREA

Technological Platforms Manager	Dr. Germano Ingenito
Solution Server Manager	Dr. Riccardo Amatore
Solution Client Manager	Dr. Angelo Passaro
Manager of Technologies for the CO2 calculation on the platform	Dr. Marco Cipriano
Operational Manager of SFC Technologies	Eng. Umberto Mariniello
Operational Manager of SFC Technologies	Dr. Antonio Rapuano
Operational Manager of SFC Technologies	Dr. Attilio Della Greca
Operational Manager of SFC Technologies	Dr. Andrea Sessa



# The Team

## ❖ TECHNICAL AREA OF FIELD ACTIVITIES

Public / Private Procedures Manager and Technical Director	Eng. Carlo Caggiano
Technical Director	Eng. Marco Ugatti
Technical Director	Eng. Giovanni Chiumiento
Technical Director	Eng. Carmen Troncone
Director of Geological Surveys	Dr. Lorella Troncone
Coordinator of the Acquisition of the forestal areas and Monitoring of Territorial Plans	Dr. Vincenzo Zannetti
Coordinator of the Acquisition of the forestal areas and Monitoring of Territorial Plans	Exp. I.C. Marco Rivera
Coordinator of the Acquisition of the forestal areas and Monitoring of Territorial Plans	Q.S. Alessandro Lazzaro
Coordinator of Relations with Local Organizations for the care of forest resources	Mr. Luigi Elpini





# The Team

## ❖ ECONOMIC, FINANCIAL, LEGAL AND COMMUNICATION AREA

Crowdfunding Manager	Dr.Paolo Costantini	
Crowdfunding Manager 2 °	Dr.Alessandro Miccini, Dr.Andrea Nicastro	Italico Future Invest Sicav plc
Coordinator of the Taxes and Financial Management Area	Dr. Fabrizio Cerrato	
Manager of Strategy Area	Ing.Fabrizio D'Aloia, Dr. Luca Sensini	
Manager of the legal area	Adv. Himmanuel Emilio Rinciari	
Coordinator of the Quality and Certification Area	Eng.Elena De Nicola	
Institutional Communication Manager	Dr Tiziana Iannarelli	
Information Content Manager, Validation and Dissemination of Results	Dr Iana Fominska	
Information Content Manager, Validation and Dissemination of Results	Dr Mariella Stivala	



# Partners and Strategic Consultants

Here we report the partnership that we can use to realize the project

Bureau Veritas

Politecnico di Torino, Italy

University of Salerno, Italy

ENEA (Ente per le Nuove Tecnologie, l'Energia e l'Ambiente)

