PEPEETA

EMPOWERING CHAIN

COMPANY PRESENTATION

Project

Smart economy environment for the futures' challenges

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DLT Technology

The Blockchain

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Blockchain is one of the next disruptive technologies. Distributed Ledgers Technologies are the basement of a large series of new frameworks like big data, artificial intelligence, internet of things.

Main characteristics of the DLT's are the algorithms of validation, the mechanisms of voting and the storing of encrypted data through chains, DAG or merkle trees.

The basically aspect offered by the DLT consist in its adaptability. In fact, the diffusion of the blockchain will be progressively adopted or a lot of different uses. Chain of chains as base infrastructure of other applications.

The Web 3.0

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The security of browsers and commercial activities on the Internet, which is called web 1.0, represents the first phase of recent use of the internet; the web 2.0, more current, sees the growth of social network sites and the birth of a participatory culture on the web, which distinguishes the web 2.0.

The 3.0 web represents the phase that is currently experiencing, defined by a series of possible paths that we are going to elaborate later on.

Web 3.0 is the best sphere where DLT's technologies will take place implementing the web database, the artificial intelligence, the semantic web, geospatial web.

The Smart Contracts

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The smart contract is a a computer protocol by which is possible to execute and write commands lines and can also be used as legal contracts.

The use of smart contract begin in 1970, but is the DLT's protocols integration that signed the difference and opened to a real revolutionary future.

Smart contract can automate the execution of a list of conditions matching them with a virtual machine, that contain the rule set. Through a smart contract is possible to define the methods which regulate the actions and the events that the users invokes. If the requests of the user can't match the rule set, the smart contract wont validate the transaction, otherwise the smart contract allows it.

The Cryptography

Cryptography is an essential part of the security. Data encryption helps to ensure the protection against the attempt of data leaks and cover the contents of the documents.

Encryption is also a fundamental part of the hashing process, exspecially on blockchains where each transaction or block is chained to the previous and consequent one by an hash.

For every kind of encryption, Pepeeta offer the newest and strong release. Constant updating of the algorithm to the latest version and cutting edge technology even for Keys, AES or hash.

The Distributed Databases

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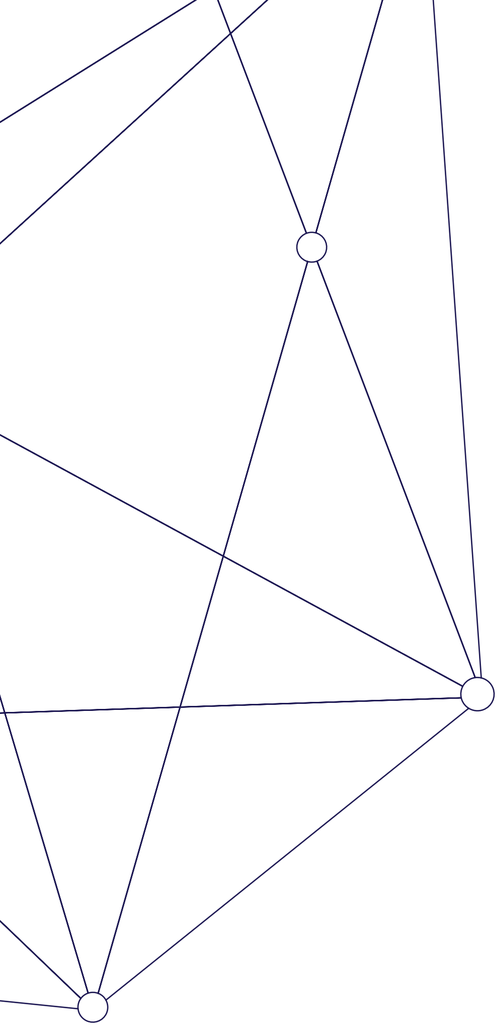
Databases are the places where data is stored. Currently they fastly go through a deep change. Build strong databases is mandatory to store and manage the information correctly and securely.

The use of databases widely growth during last years, and the type also was changed. Databases was modified from relational to non relational to give a response to the necessities of the big data, machine learning and artificial intelligence issues.

Blockchain implement the database too. In fact, the approach with distributed ledger technologies is to create a distributed storage of the hash sharing and updating them with all the nodes. Studies are oriented to make distributed also the storages of massive data.



The Smart Economy

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Smart Economy is the next generation of economy and trade where trade agreements are written in programming code using Smart Contracts. Every Smart Contract is stored in a decentralized immutable blockchain and will be executed exactly according to the trading agreement, at the time agreed upon. This allows for an economy where two or even thousands of parties can agree on a contract without the need to trust each other. The Smart Contract is going to be always executed according to the defined rules in the contract.

The evolution of technology throught Smart Contracts point to a complete digital transformation, where the data interacts autonomously and automatically with objects, people or other softwares. Everything that has a value, could be transformed into a digital asset, that can be everytime exchanged by buyers and sellers, and currencies will be handled peer-to-peer without the need for third party exchanges.

Pepeeta

What is Pepeeta

Pepeeta is a **distributed platform** designed for Smart Economy. The architectural stack has been developed through the NEO protocol to offer users a series of dApps able to facilitate business, making it safe and compliant with current and upcoming regulations on GDPR, PSD, e-Invoicing.

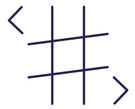
Pepeeta is a platform that, as an environment, allow other parties to join the platform with the possibility of editing and build new dApps or connect to the existing ones.

Pepeeta features **four native dApps.**

Pepeeta dApps

PepeetaStamp

an hashstamp for any of your document.



PepeetaLog

a powerful checksum for system log audit.

PepeetaInvoice

for Agile's e-invoicing and a automatic payements.

PepeetaSafe

for code review and security report.

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STAMP

PepeetaStamp features:

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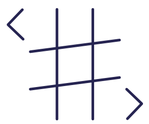
- Certain time (timestamp) on documents.
- Insertion of the SHA3 Hash of the document in blockchain with digital signature.
- Return of QR Code to label the sheets put in chain.
- Recovery from the document hash window.
- Distributed archiving with AES256 encryption and accessible only by key given to the user.



PEPEETA
LOG

PepeetaLog features:

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- Receiving log lines to be audited.
- Read the lines and enclose them in blocks in the chain.
- Apply SHA3 hashing algorithm to encrypt logs.

PEPEETA
INVOICE

PepeetaInvoice features:

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- It allows access to shared cms.
- It allows to construct the contract between the parts transforming it into smartcontract.
- It allows to define the acceptance criteria for the “Done”.
- Guarantees payment in credits (in the budget view) and through third parties provides for the deposit of the amount.
- Proceeds to assign the fee to each “Done”.
- Manage safeguard mechanisms (events that may depend on malfunctions).

PEPEETA
SAFE

PepeetaSafe features:

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- Read the written code of a sw and review the code.
- Online data reading, generation of SHA3 hash and store in chain.
- Returns a report with risk analysis with digital signature in glyph.

Pepeeta act as DAO

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DAO means decentralized autonomous organization. Pepeeta facilitates the creation, the building and the developing of the necessary smart contracts.

We strongly welcome and encourage the participation to our environment even through the population of already existing dApps or the creation of new ones from zero.

Every new idea will be hosted everytime , Pepeeta will act as incubator for new projects, or as strategic partner for existing business structures. We organize meetups, DevCon and many other initiatives which align the research&develop with the business integration.
For everyone.

Why Pepeeta

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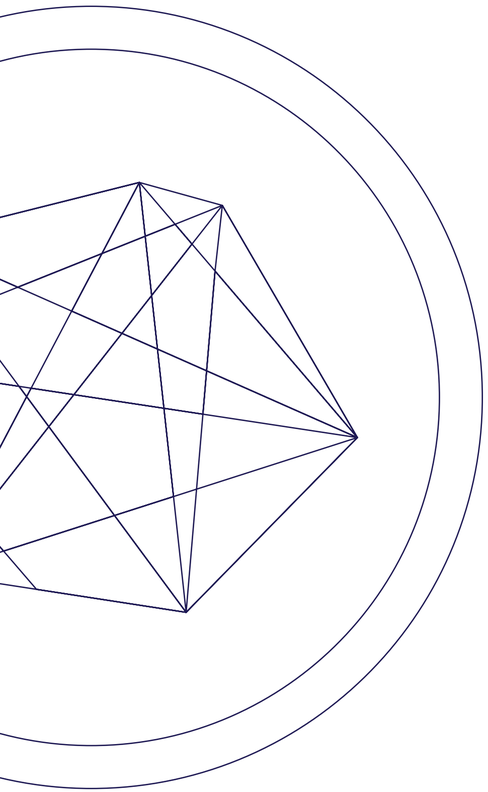
- means less bureaucracy and more business.
- means innovation .
- is the platform that takes you into the world of blockchain.
- is a token that offers you great advantages.
- is a constantly evolving project.
- is working in Agile mode.
- is to reset the costs of the middleman.
- is complete security.
- is avant-garde.
- is DAO.
- empower your business.

Roadmap

PEPEETA

from next 27/11	the website https://**www.pepeeta.com** will be online.
* from next 01/12	to 01/03/2019 the **Private ITO** phase will be active.
from next 01/12	the website https://**www.pepeeta.io** will be online.
from 15/01/2019	the **platform** can be installed through the plugin from the website https://www.pepeeta.com
* from 04/03/2019	untill Token il sold out or until **31/12/2019,** the **Public ITO** phase will be active.
in the Q1 2019	the dApps **PepeetaStamp** and **PepeetaLog** will be **released.**
in the Q2 2019	the dApps **PepeetaInvoice** and **PepeetaSafe** will be **developed.**
in the Q3 2019	the dApp **PepeetaInvoice** will be **released.**
in the Q4 2019	the dApp **PepeetaSafe** will be **released.**

*date to be confirmed



Pepeeta Token

Pepeeta generates a Token. The nature of the token, is going to be an utility token. The token will be released on the Ethereum Classic blockchain and is going to follow the standard **ERC20.**

The adoption of the token will generates a discount in the prices of credits, that is the necessary fuel to use dApps.

The token's smart contract has been audited and strongly tested before its release. It establish that will be release 10 million of PEP token in two phases:
In the Private Sale that is the first phase, 1,5 million tokens are going to be released with a discount of 50%, and than in the Open Sale the discount will be of 30% for the remaining ones.

Pepeeta use cases

Pepeeta is designed to be adopted both as a web platform, or as a part of entire existing architecture.

We already applied Pepeeta's features for Vitrociset SPA. We built a specific blockchain configuration of its enterprise content management (ECM) system.

Many other prospect are going to proceed and we welcome anyone who wants to be part of the new era of smart economy.

Pepeeta will be your best blockchain partner.

Preview of Pepeeta Website

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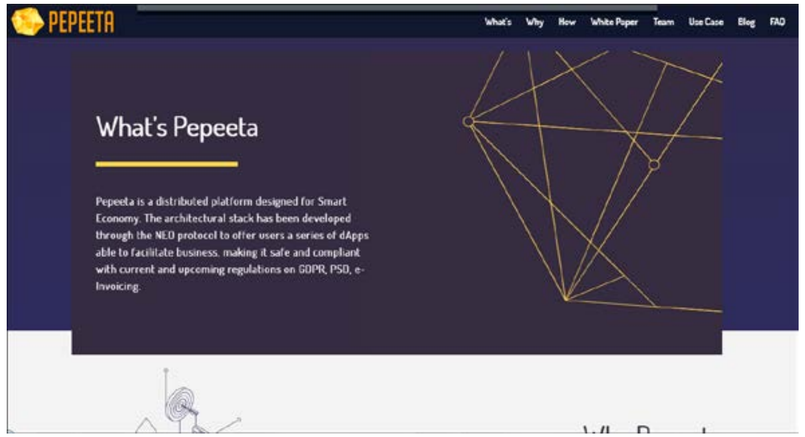
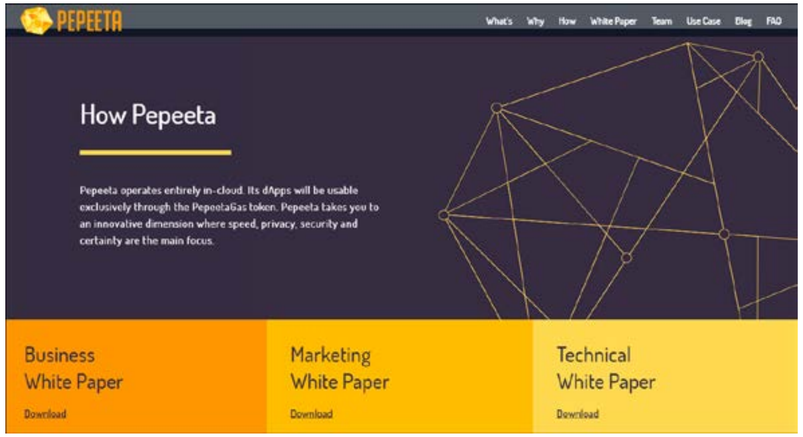
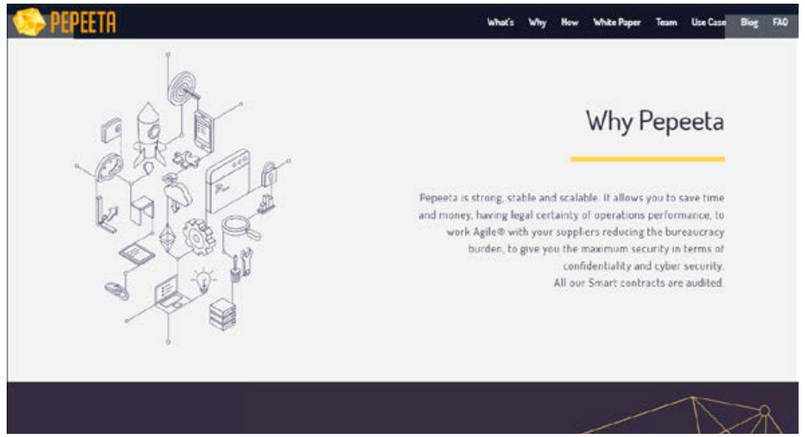
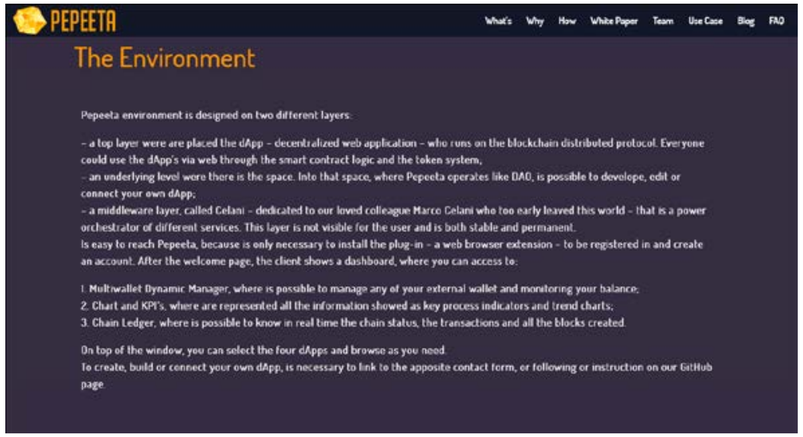
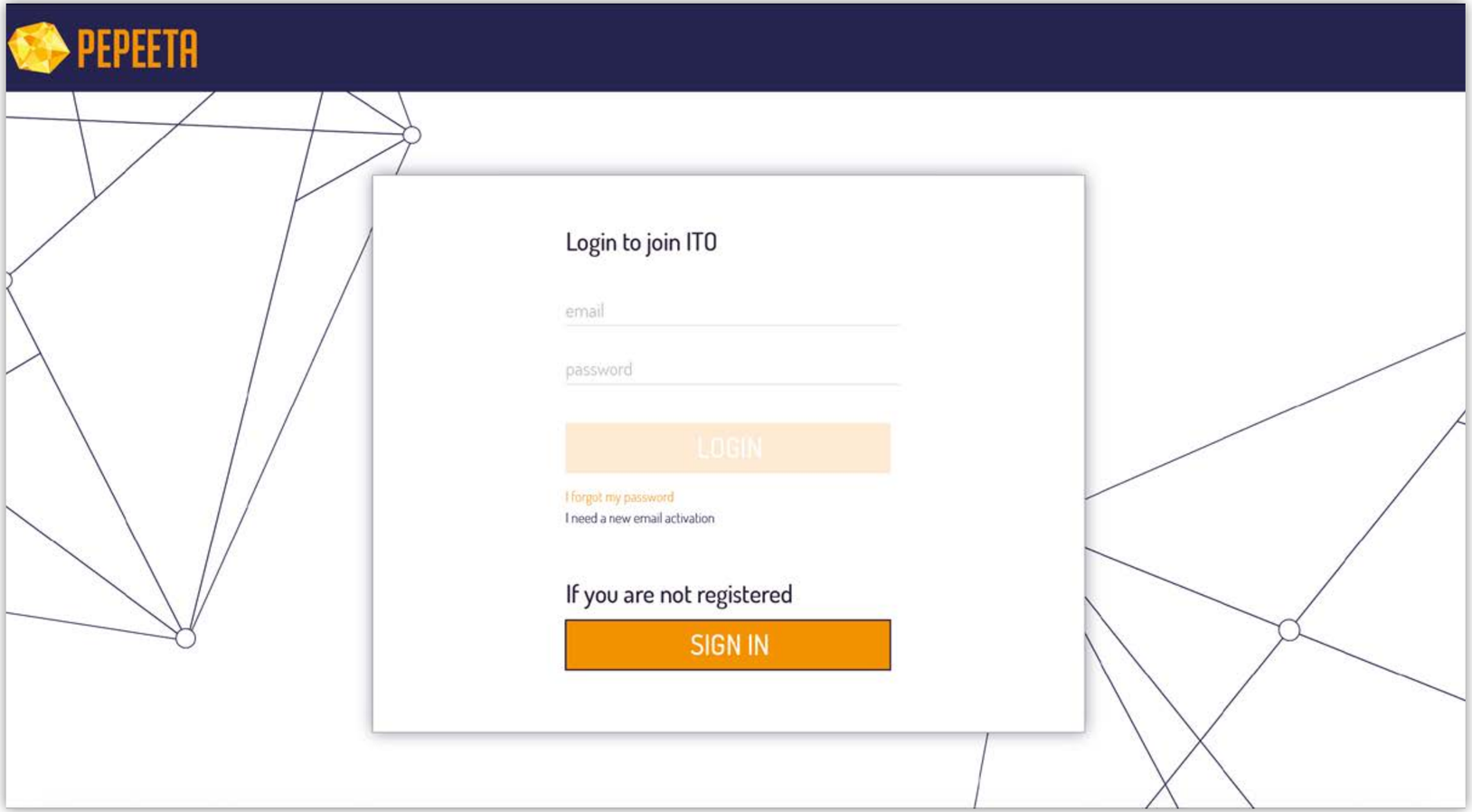




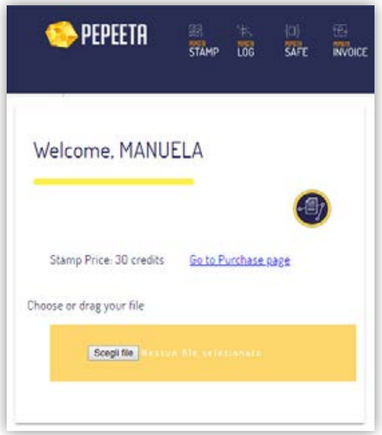


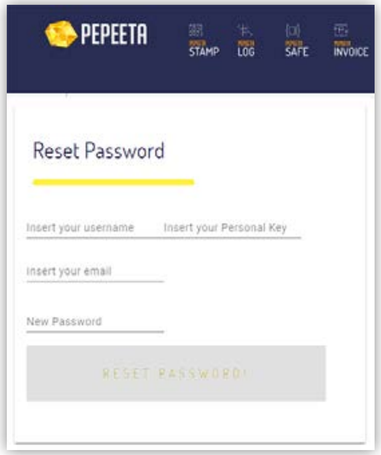


Preview of Pepeeta Website



Plugin in progress





Start-up Highlights

Year of foundation: 2018
Place of foundation: Italy-Malta
Where it currently operates: Worldwide
Employees: 10 to be scaled
Principal investors:

Digital Engineering (incubator),
Primedata (shareholder),
Carlo Parmegiani (shareholder)
Luca Pedetti (shareholder)
and others privates incoming.

Founders: Carlo Parmegiani, Luca Pedetti.

Founders

Carlo Parmegiani - Co Founder

Luca Pedetti - Co Founder

After several years in which Luca has projected his idea of using dlt's he met Carlo who own Digital Engineerig and has beleaved in him. They have watched their mutual trust grow up and both decided to put their effort to a disruptive program. After that, the perfect mix have been found and Pepeeta become true.

Contacts

PEPEETA

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Join us

VERSION 1

release date 20/11/2018

www.pepeeta.com