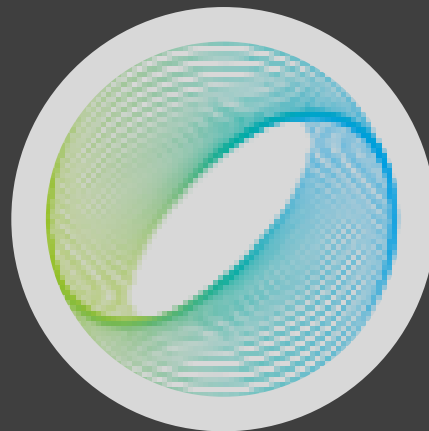




SEEDING

Social Economy Enterprises
addressing
Digitalisation, Industrial Relations
and the European Pillar of Social
Rights

*Sixth transnational online workshop
Wednesday 19th of May 2021 (10:30-
12:30 CET)*

ZOOM



Carmen Pastor Sempere
Director of the Technical and Legal Committee,
Blockchain FUE. Coop.V
BAES blockchain Lab.
Alicante University.

#BLOCKCHAIN



ARE YOU READY?

1. Introduction.

EUIPO (European Union Intellectual Property Office) EXPLAIN, WHAT IS BLOCKCHAIN?. Watch the video to get better understanding of this exciting and transformative technology.

<https://www.youtube.com/watch?v=2fluldygtiY>

EUIPO's recent launch of the first European blockchain platform to better serve public IP institutions and their clients.

Please, read the full news item with all the relevant information here

https://euiipo.europa.eu/ohimportal/en/news?p_p_id=cs_news_WAR_csnewsportlet&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&journalId=8662923&journalRelatedId>manual/

17 DE ABRIL 2021

Bloque Génésis de la Blockchain EUIPO

2. What is Blockchain?

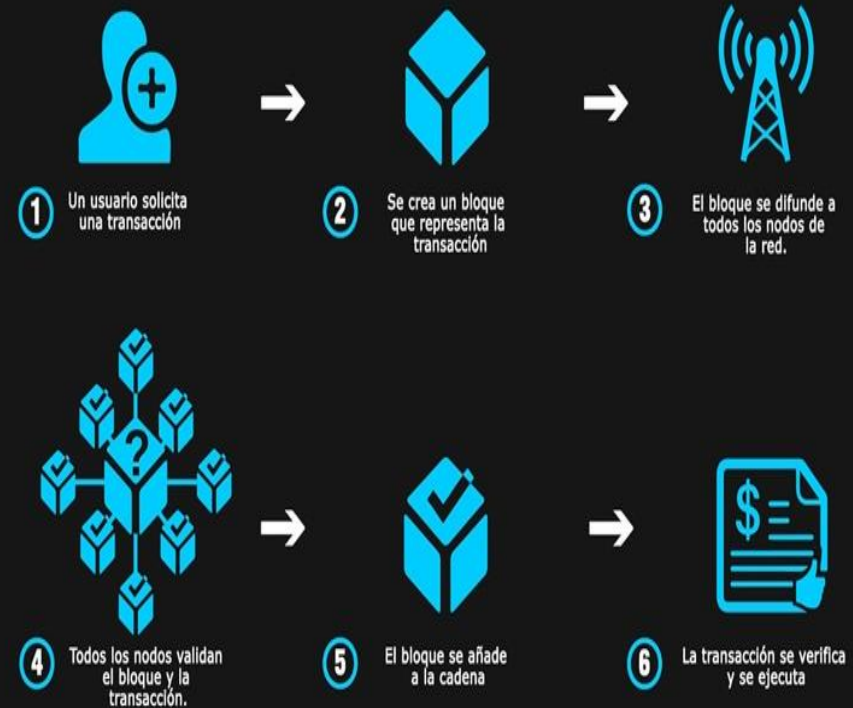
★Blockchain is a powerful technology that allows companies and businesses to attribute with absolute certainty the authorship of the information that travels and is stored on the networks: which person, entity, institution or device generated or sent what, from where, how and when..

★Originally Blockchain was designed to use digital money without the need for a central authority to issue it (bitcoin). For this, a database was created as an accounting book where only new entries could be added..

★ Today, the interest in Blockchain does not stop growing with use cases related to food traceability, the fight against fraud and counterfeiting or international trade, energy, automotive, transport and logistics. Blockchain has become one more tool in the digital transformation of companies that helps to create trusted ecosystems where business transactions can be carried out more efficiently, transparently and with a higher level of security, reducing the costs of verification and exchange of information when several parties are involved.

Decentralized and Cooperative technology. It needs a community (of Nodes TOO) to support it....

Cómo funciona Blockchain: Paso a paso



3. What does Blockchain technology bring to cooperatives?.

#Blockchain is much more than bitcoin and cryptocurrencies. The trust, or lack of trust, that underlies almost all actions and data exchange in commerce, administration ..., would come to depend on the large file that turns out to be the blockchain itself, and of which we would know with all certainty who and when recorded a certain data, and it would be demonstrable at any time.

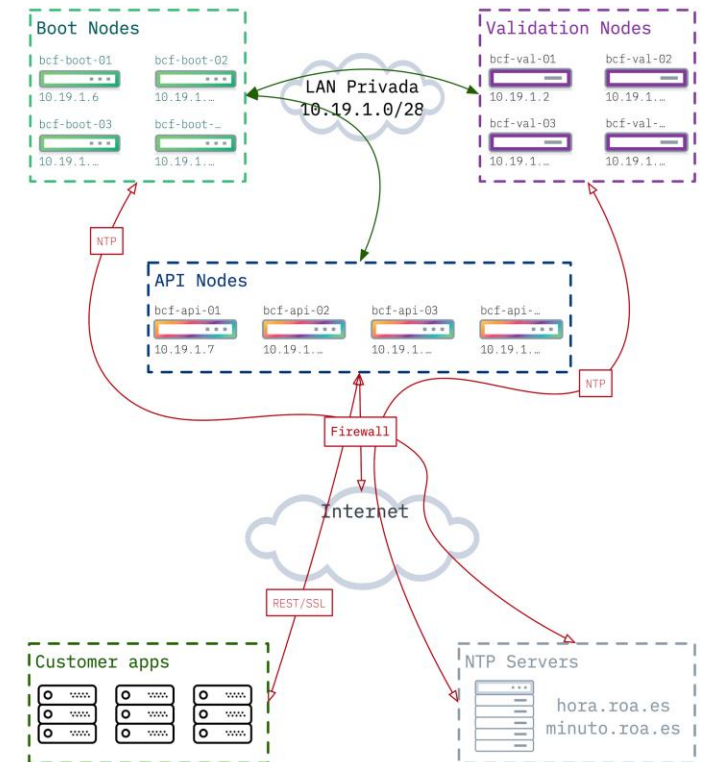
⌘ It is a technology that adds trust, credibility and transparency.

- ☞ Data immutability
- ☞ Traceability in operations
- ☞ Consense
- ☞ Security

What does the BlockchinFUE Cooperative contribute to Blockchain technology?.

A new way of designing technology and its Governance, following the principles of ACI.

Cooperative Governance strengthens the decentralized operation of technology. "The owner of the network is the cooperative." At the same time, it strengthens trust among cooperative members.

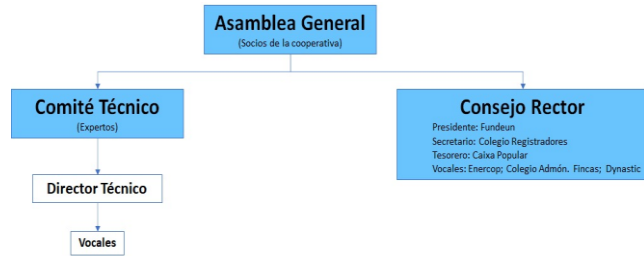


• 4. How can I access to this "disruptive" technology in a cooperative, safe, reliable way, and "at cost price"?

👉 <https://www.blockchainfue.com/inicio>

- 👉 **Bylaws BlockchainFUE Coop.V Article 1. The corporate purpose of the cooperative is to facilitate the development of its members' institutional, business, professional or artistic activities by providing them, under the best conditions of quality, information and price, with the Blockchain network service, or those related to emerging technologies, such as big data, internet of things, robotics or other innovative technologies in the field of computing.**
- **Initially, the cooperative will provide its members with the Blockchain service self-produced by the network of nodes owned by the cooperative. In any case, whenever possible, Blockchain FUE, S. COOP. V will exclusively use the technological infrastructure and basic services of the network that operate the replicated register, public reading and writing identifies, based on free software developments.**





5. How and when was the cooperative born?

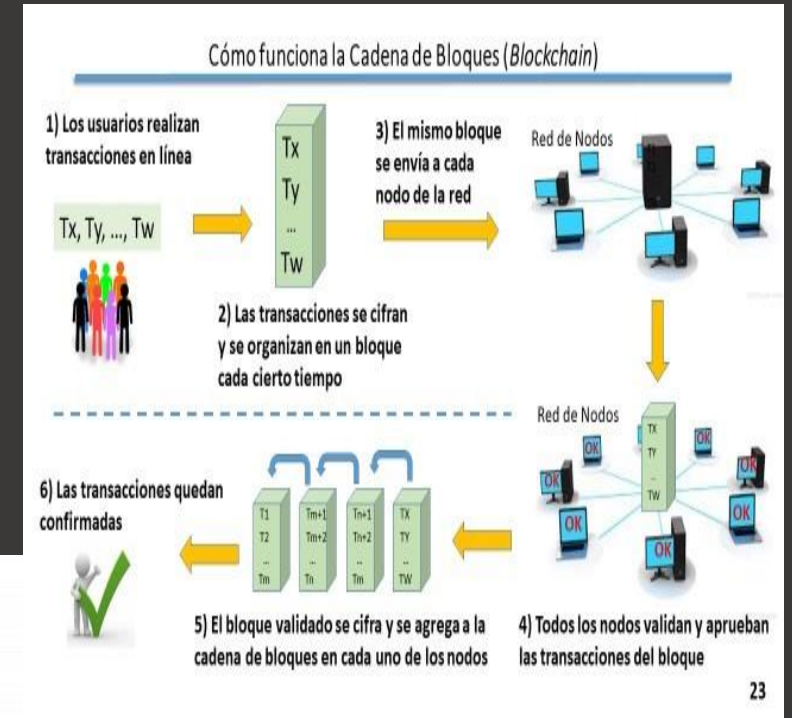
The Cooperative arises from the interuniversity research group BAES blockchain Lab, which detected the need, and became involved IN THE RESEARCH and in the design of a public blockchain network that offers legal and technological security to all types of electronic transactions. Cfr. PASTOR SEMPERE.C, “Cooperative Blockchain Networks:“ an open door ”to the“ Fourth Industrial Revolution ”, presentation presented at the ESSC, Brussels, May 29, 2019 (Available at [https://www.eesc.europa.eu / en / news-media / presentations / social-economy-blockchain-and-new-jobs-presentation-0](https://www.eesc.europa.eu/en/news-media/presentations/social-economy-blockchain-and-new-jobs-presentation-0) # downloads.

On June 3, 2020,
the first cooperative society of blockchain network services is constituted in Valencia.

6. A disruptive model that follows the model of the classic electric cooperatives: we generate and provide blockchain network services in a sustainable way to our cooperatives.



Technical and legal committee of the cooperative, (made up of BAES researchers), maintains the network to make it work legally and cybersecurity



Public network, free software, no mining. Low power consumption, the lowest price on the market. Each cooperative member will pay a fixed fee of € 25 per month for maintenance.

Cost per operation: € 0.01526

We generate knowledge in the university community and transfer it to our cooperative community (public-private collaboration)

BAES blockchainLab (interdisciplinary researchers) organize and participate: Hackathons, workshops, Courses, Congresses, PoC on the BlockchainFUE network, with students, researchers, public institutions and our cooperative members. USING ALL OF OUR TESTNET FREE!!



Id	Creado	App	Tipo
a62b_bcb8	08-09-2020 11:51:28 UTC	itclchain	my_first_test
bcb8_1584	08-09-2020 11:22:29 UTC	itclchain	my_first_test
1b4f_1c98	08-09-2020 11:18:11 UTC	itclchain	my_first_test
648f_7685	08-09-2020 11:16:06 UTC	itclchain	my_first_test
61d8_4fce	05-08-2020 10:17:27 UTC	itclchain	my_first_test
b425_8488	03-08-2020 12:22:49 UTC	itclchain	my_first_test
e96a_d395	03-08-2020 12:22:42 UTC	itclchain	my_first_test
78c7_43d3	03-08-2020 11:50:21 UTC	itclchain	my_first_test
1bd7_34ce	31-07-2020 06:00:32 UTC	itclchain	my_first_test
b8f9_39e6	30-07-2020 14:39:26 UTC	itclchain	test
f9fa_3479	30-07-2020 11:32:04 UTC	staytrade-test	my_first_test
52ee_4b3e	14-01-2020 22:12:39 UTC	sssd	234
a861_ca3b	14-01-2020 19:25:51 UTC	app_2	test
dfba_a7d3	08-01-2020 07:46:00 UTC	app_2	test_de_activo

7. Who are our cooperative members and what do they pursue?.

They are Business-University Foundations, Chambers of Commerce, Administrations, Universities, Professional Associations and Technological Institutes and companies, united by cooperative governance and in a decentralized way.



• THEY WANT

- Encourage the use of an accessible public Blockchain network.
- Create an open community that generates trust and responds to a common need for this technology among the different economic and social operators in a transparent way.
- Promote an easy-to-learn tool in its use and agile implementation of proofs of concept (Testnet, BlockchainFUE) and its transition to BlockchainFUE production.

• THEY SEARCH

- A cost that is not a problem for themselves, nor for their associates.
- An efficient, resilient, scalable and sustainable technology.
- Compatible with other Blockchain systems: "interoperability between networks"
- Comply with the regulations in your Blockchain applications



8. COOPERATIVE EXPERIENCE. KH group, - works for (FORD ALMUSSAFES, Valencia), currently at ERTE (“Expediente de Regulación de Empleo”, Employment Regulation File)

Has doubled its workers in the IT area, from 4 to 8 employees.

It has signed commercialization agreements with several national and international technology companies. Predictable growth in the coming months.

He is currently working on several Blockchain projects with various companies ranging from the automotive sector, to the food sector, through housing cooperatives.

The photos show his work at FORD. By recording on video and registering in BlockchainFUE, it is not necessary for the operator to certify the quality of the process by marking the pieces, the video itself certifies the quality.

KH group, won the Challenge (with the student team and BAES mentoring) that we **launched at the BAES Hackathon 2019** 🏆🏆.

Their goal was to record the information on the production process on the FORD (windshield) in the network of Blockchain FUE, so that FORD can check through its portal that it has met the defined standard. Today is a reality Today is a reality.. 🍀🍀🍀🍀

bcf-api-v2.blockchainfue.com/bc/list/assets/main/1

www.onlinedoctran...

BCF

Activos

Main

Id	Creado	App	Tipo
5db2_b822	14-05-2021 20:14:07 UTC	traceability-ford-test	traceability-ford-test
ea12_a93b	14-05-2021 20:12:06 UTC	traceability-ford-test	traceability-ford-test
2b2c_8472	14-05-2021 20:10:35 UTC	traceability-ford-test	traceability-ford-test
dce2_f827	14-05-2021 20:09:34 UTC	traceability-ford-test	traceability-ford-test
819b_1498	14-05-2021 20:08:03 UTC	traceability-ford-test	traceability-ford-test
524b_83ae	14-05-2021 20:03:32 UTC	traceability-ford-test	traceability-ford-test
e8bc_d1e8	14-05-2021 20:03:32 UTC	traceability-ford-test	traceability-ford-test
7c9b_4e15	14-05-2021 20:01:59 UTC	traceability-ford-test	traceability-ford-test
38ee_35d9	14-05-2021 20:01:29 UTC	traceability-ford-test	traceability-ford-test
f77b_944d	14-05-2021 20:00:28 UTC	traceability-ford-test	traceability-ford-test
4f8b_149a	14-05-2021 20:00:28 UTC	traceability-ford-test	traceability-ford-test
36c5_8872	14-05-2021 19:59:27 UTC	traceability-ford-test	traceability-ford-test
589b_4912	14-05-2021 19:58:57 UTC	traceability-ford-test	traceability-ford-test
a683_768e	14-05-2021 19:57:57 UTC	traceability-ford-test	traceability-ford-test

Detalles del tratamiento del Parabrisas

VIN: MB20555 | PARABRISAS TRIM B | Secuencia: 0002161



Fin de secuenciación: 14/05/2021 22:09:09

NombrePaso	LecturaEsperada	LecturaRealizada
LECTURA AUTOMATICA BIDI DCHA	LV48-S03100-C7	LV48-S03100-CG
Limpieza PU	Limpieza PU	Validado por voz
Poner protección esquinas	Proteger esquinas	Validado por voz
Coger cable y cámara BIDI	F3 con F2	Validado por voz
Leer cable BIDI	LX6T14A411ELA*	LX6T14A411-ELAD;

THE END