

VESSELCHAIN

BLOCKCHAIN FOR SHIPPING

Bringing transparency to the maritime sector

IS IT WORTH BEING TRANSPARENT?





VESSELCHAIN TRANSPARENCY FOR THE MARITIME SECTOR

- Public blockchain registry of each ship where the relevant ship data for the different actors in the value chain are stored:
 - Safety Equipment Reviews
 - Crane test
 - Cold ironing implantation
 - Ship's machinery reviews
 - MARPOL compliance
 - Unused food donation
 - Etc...





DOCUMENTS AS <u>NFT's ON</u> THE BLOCKCHAIN

- Certificates and interventions: NFT on the blockchain.
- NFT: Version of the document signed with a cryptographic hash.
- · Web access to information or via existing IT systems.







ADVANTAGES FOR STAKEHOLDERS

PAYING CUSTOMERS

FREE USERS

FOR THE OWNER

- Reputational asset
- Customer acquisition
- Normative compliance
- Impact on the price of insurance
- Facilitates digitization

FOR THE AUTHORITIES

- Reduction of inspections
- Automation of procedures

FOR SUPPLIERS

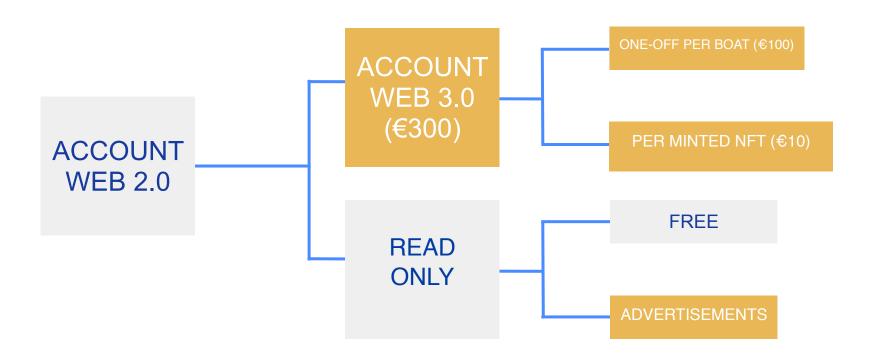
- Generation of new leads
- Operations optimization

FOR CLIENTS

(LOADERS AND PASSENGERS)

- Facilitates purchasing decisions: (sustainability, safety, CSR, etc...)
- Reduced cargo insurance

SOURCES OF INCOME



ROADMAP

2021 > 2022 > 2023 > 2024

- Conception of the idea
- Team and advisor training
- Presentation to DigiCirc

- Publication in Tecnonews.es
- Post on weixin.qq.com
- Conception of the back-end in Ignis blockchain

- Completion of the backend API
- Presentation at IAT Canarias
- B-Blue accelerator program

- Obtain seed capital €250 K
- Front-end development
- Validation of the MVP with pilot clients



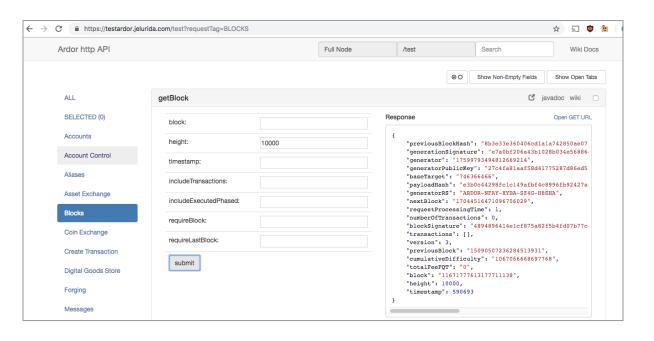






CURRENT STATUS OF THE SOLUTION

IGNIS RESTFUL API (HTTP + JSON)



TEAM



BORJA SARRIAS
MANAGEMENT OF BUSINESS &
TECHNOLOGY



FRANCISCO SARRIAS TELECOM ENGINEER PDD IESE

ADVISORS



SERGI DANCES
COMPUTER ENGINEER
BLOCKCHAIN ARCHITECT



ADRIÀ BERENGUER INDUSTRIAL ENGINEER BMT REPAIRS



ALBERTO FERNANDEZ
TELECOM ENGINEER
MERCURY



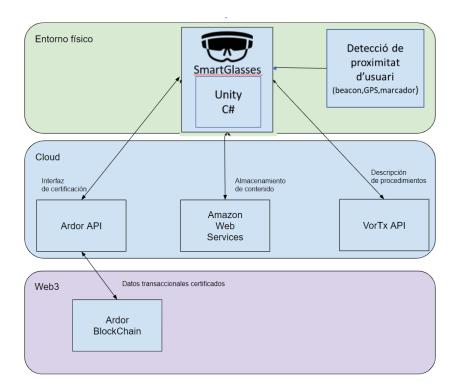
JAVIER LARRIBA PDD ESADE BMT REPAIRS

References

PROGRAMA DE **ACCIÓ** Generalitat de Catalunya

PantalAR: Port facilities maintenance

It consists of creating an application for Smart Glasses that allows, through Augmented Reality, the execution of maintenance of port facilities and their certification with smart contracts on the Ignis public blockchain.



mooring tokenization

The most appreciated asset in a marina are the moorings for boats, optimizing the occupancy of the moorings is key to the economic success of the marina, for this, flexible price management is ideal because it guarantees optimal income, but doing it transparently is not easy.







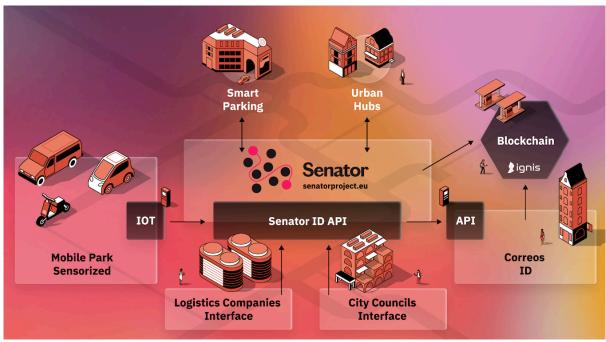
Senatorproject.eu: Logistics and IoT for Smart-Cities

Smart grid operator platform enabling shared, integrated and more sustainable urban freight logistics









Thank you

Do you have any question?

Francisco Sarrias

info@vesselchain.org +34 607 287953 www.vesselchain.org

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