AquaLedger

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Description

AquaLedger will harness earth observation (EO) and advanced analytical techniques in order to collect valuable information about the marine environment and activities in relation to fisheries and aquaculture management while enabling its integration with a Blockchain/Distributed Leger Technology based platform towards improved and sustainable supply chain management in the fisheries and aquaculture sector.

Objectives

- To advance the knowledge and expertise in DLT and EO convergence;
- To define of a service cases that use Earth Observation data to advance development of the distributed applications in SC (supply chain) management;
- To demonstrate the value added of EO analysis to track and trace aquaculture commodities, as well as to verify and append transactions recorded in the blockchain;
- To develop best practices in terms of use of geospatial data and access to EO products and services in supply chain management through the DLT/blockchain-based applications.

Project at a glance

Name: Enhancing traceability and tracking in Aquaculture and fisheries supply chain through the use of blockChain and EO.

Funded under: European Space Agency (ESA)

Total budget: 149,919 €

ESA contribution: 149,919 €

Duration: 18 Months

Consortium: 2 partners

Coordinated by: Institute of Communications & Computer Systems (ICCS), Dr. Angelos Amditis, Research Director

Partners

ΕΠΙΣΕΥ ICCS

skaloma s.a. fishfarming

esa

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