2024 WORLD AQUACULTURE SOCIETY
COPENHAGUE

TOWARDS **SUSTAINABLE** SPANISH **FOOD SUPPLY CHAIN:** The role of the "**SMART-FOODPRINT**" project

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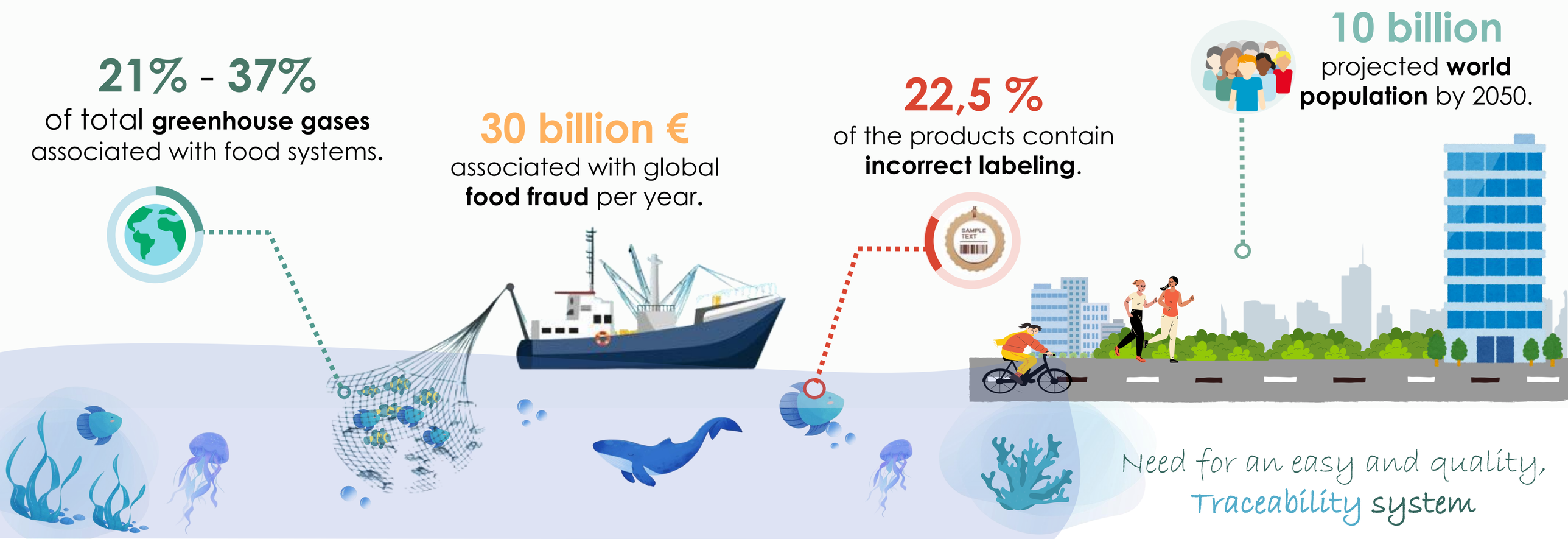


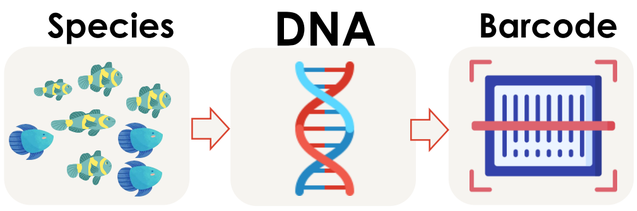
OBJECTIVE & METHODOLOGY

Provide to the Spanish food sector **advanced tools for traceability, authenticity, and sustainability monitoring** to aid environmental and socio-economic issues and boosting consumers' trust in sustainability-oriented certification schemes.

The project is coordinated by the **UC DePro-ACV** research group as leader and the **ESCI-UPF** group.

DATA REPOSITORY AND BLOCKCHAIN INFRAESTRUCTURE

Immutability of data collection along the food supply chain.



Fish authentication
Origin, production methods and freshens

ENVIRONMENTAL PERFORMANCE

Environmental consequences of food fraud.

Life cycle assessment (LCA) model

Creation of a custom **database**

Calculation of the **impact** of food fraud

SMART SUSTAINABLE LABELLING SYSTEM

Ensure **food safety** and quality traceability.

ICT INFRASTRUCTURE

Real-time data transfer

Environmental performance of fish products and Consequences of food fraud

CONCLUSIONS

Enhancing **traceability** and **transparency** for a sustainable and accountable agri-food sector

Take-home Message

Improve traceability in the food supply chain for a more transparent and sustainable future

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