

TRUSTyFOOD

Stakeholders-driven pathways for blockchain implementation in the agri-food sector



Successful R&I in Europe 2024
11th European Networking Event

16th February 2024 | Düsseldorf



Funded by
the European Union



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Overview



Goal TRUSTyFOOD supports the European Strategic Research Agenda on Blockchain by shedding light on the partial and fragmented picture of Blockchain applications in the agri-food domain.

Contribution Empirical assessment of the state-of-the art & direct engagement with agricultural stakeholders along the whole food supply chain to provide tools & recommendations for implementation.





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Current Results (1)

- First deliverables:

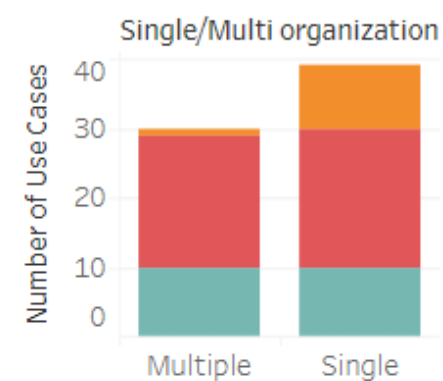
A) Dashboard

B) Climate Change Use Case Portfolio

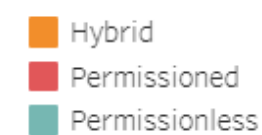
C) Stakeholder Engagement

A) Dashboard of Blockchain use cases independent of application sector

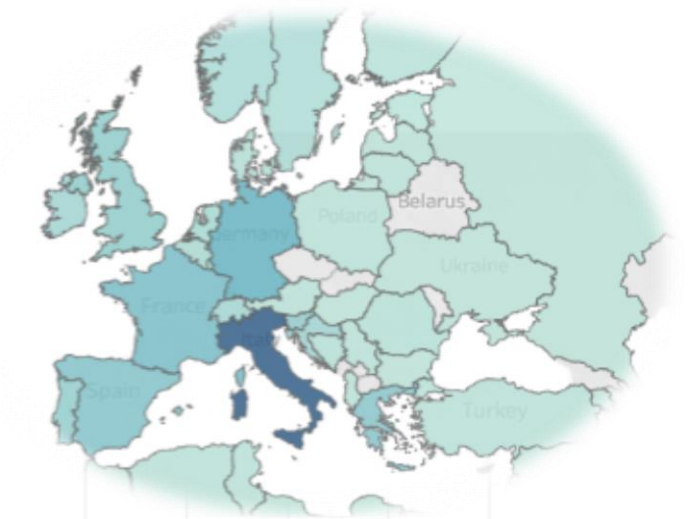
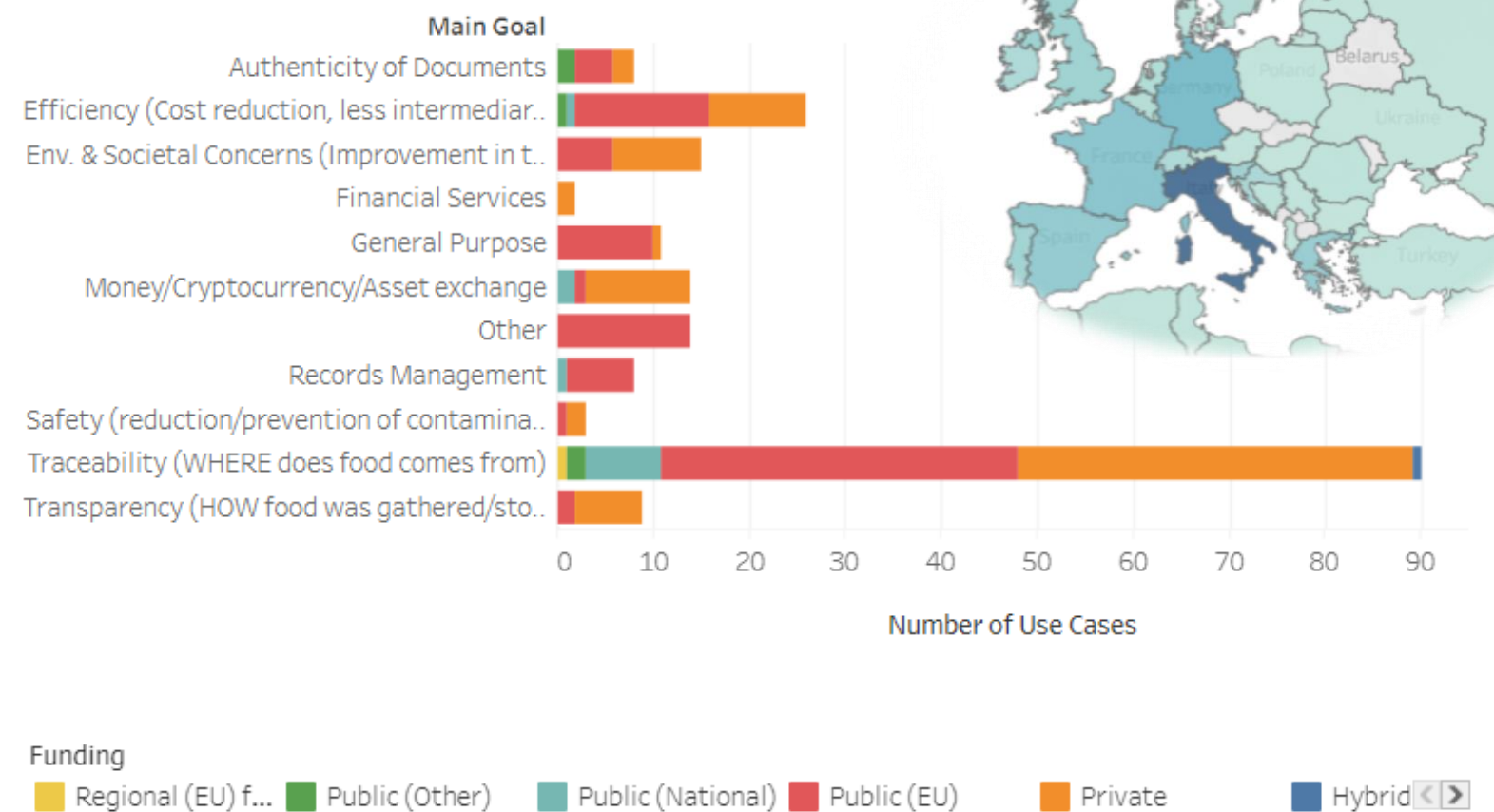
Permission Model Versus Governance Type



Permission model



Funding per Main Goals



<https://www.trustyfood.eu/framework-of-services/dashboard/>

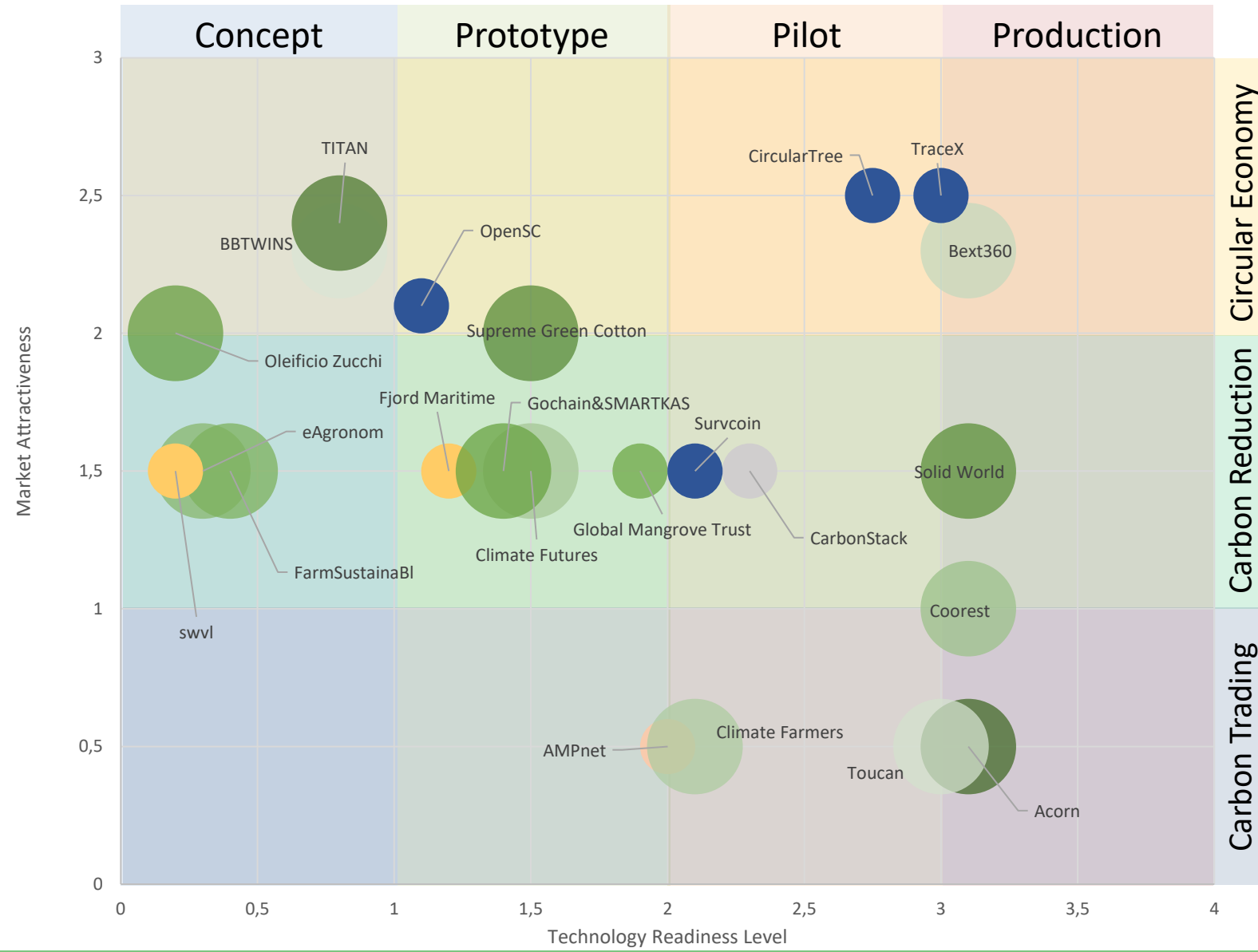


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Current Results (2)

B) Maturity assessment of climate change blockchain use cases

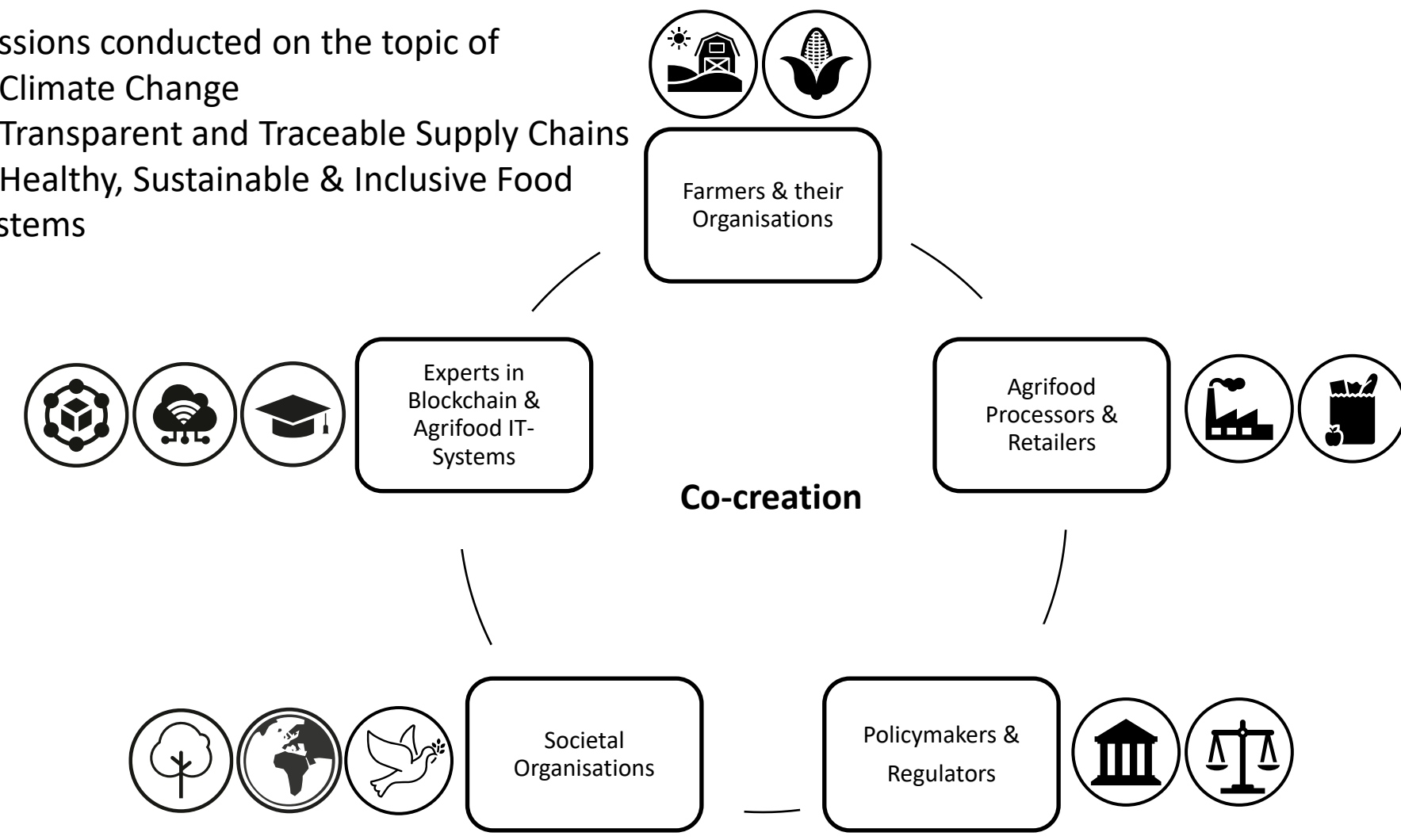
- Acorn
- AMPnet
- BBTWINS
- Bext360
- CarbonStack
- CircularTree
- Climate Farmers
- Climate Futures
- Coorest
- eAgronom
- FarmSustainaBI
- Fjord Maritime
- Global Mangrove Trust
- Gochain&SMARTKAS
- Oleificio Zucchi
- OpenSC
- SolidWorld
- Supreme Green Cotton
- Survcoin
- swvl
- TITAN
- TraceX
- Toucan



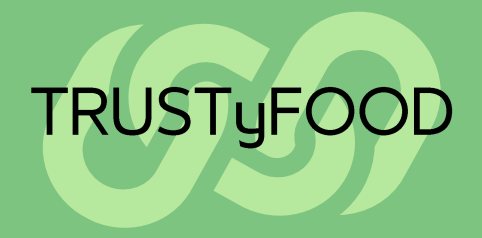
C) Stakeholder Engagement

Sessions conducted on the topic of

1. Climate Change
2. Transparent and Traceable Supply Chains
3. Healthy, Sustainable & Inclusive Food Systems



Size of bubble represents Industry:
 1. Large: Agriculture & food
 2. Small Size: other industries (real estate (brown), transportation (yellow), general (blue) forestry (grey))





Expertise in Blockchain & European Projects of Fraunhofer IML

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ForestGuard



Open-source software solution approach for the verification of deforestation-free coffee supply chains

Blockchain Europe NRW

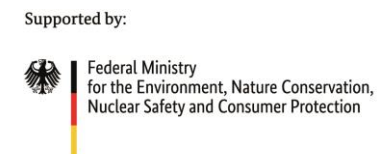


Developing open-source blockchain-based solutions for industry & supply chain management

European Blockchain Regulatory Sandbox



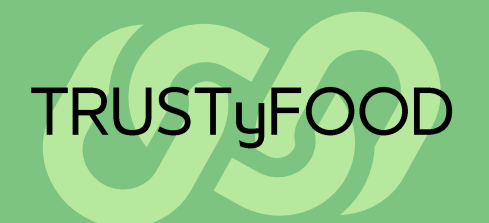
End-to-end integration of customs & logistics processes in international trade



based on a decision of the German Bundestag



Ministerium für Wirtschaft, Industrie, Klimaschutz und Energie des Landes Nordrhein-Westfalen





Partnerships

Collaboration opportunities

TRUSTyFOOD (March - October 2024)

Through **workshops and interviews** the objective is to

- Help define stakeholders' needs and expectations from end user sector to market exploitation.
- Gather information for helping identify technical, environmental, regulatory, economic and social barriers and constraints to blockchain's application.
- Give recommendations and suggestions about the feasibility of blockchain

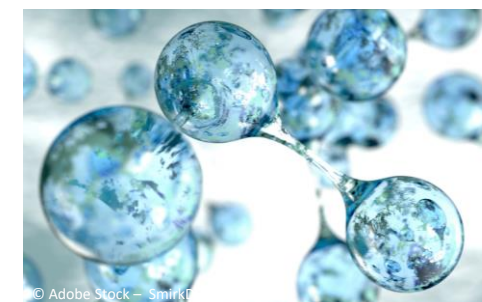
Looking for stakeholders in the **agricultural sector** with interest in **digitalization & blockchain** including

- Farmers and Cooperatives
- Agrifood players (Processors, Retailers)
- Policymakers & Regulators
- Blockchain Experts (Researchers, Technology Providers, Investors)
- Societal Organizations (NGO, Fair Trade Organizations)

Future EU projects

Open for collaboration in projects involving

- Blockchain & Web3
- Sustainable Supply Chain Management
- Space Logistics
- Green Hydrogen Certification



PERSONAL CONTACT



Dr.-Ing. Maximilian Austerjost
Research Associate & Project Manager
Phone +49 231 9743-331
Email maximilian.austerjost@iml.fraunhofer.de
LinkedIn <https://www.linkedin.com/in/dr-maximilian-austerjost-086b8719b/>



Thuy Tien Nguyen Thi
Research Associate
Phone +49 231 9743-654
Email thuy.tien.nguyen.thi@iml.fraunhofer.de
LinkedIn <https://www.linkedin.com/in/thuytienng/>

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WEBISTE
trustyfood.eu



MAIL
info@trustyfood.eu



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