

Empowering Sustainable Agriculture through Al and Digital Transformation.

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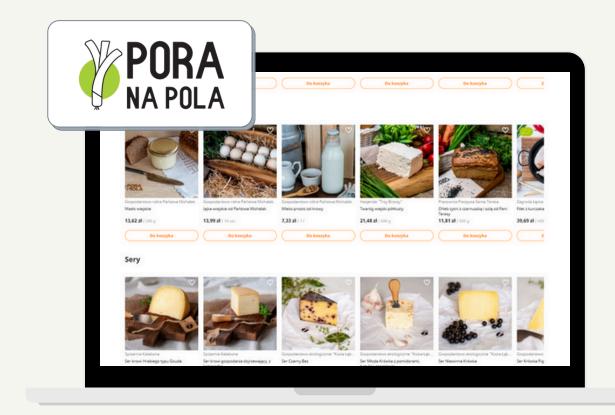


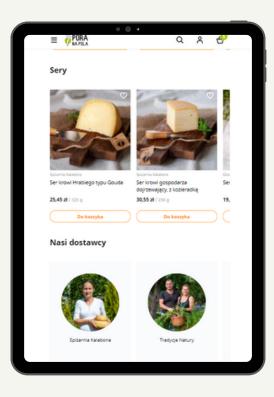
Introduction



Digitalization of Short Food Supply Chains

Pora na Pola - a virtual Farmers' Market for local food

















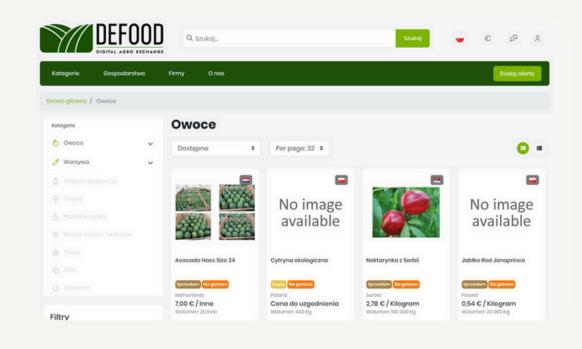




What's Defood?







CONSULTING AGENCY

TRADING COMPANY

TECHNOLOGY PROVIDER







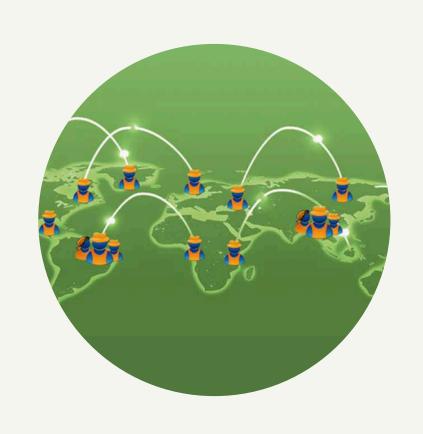








Digitizing wholesale







DIGITAL FOOD PASSPORT



CONTRACT ONLINE









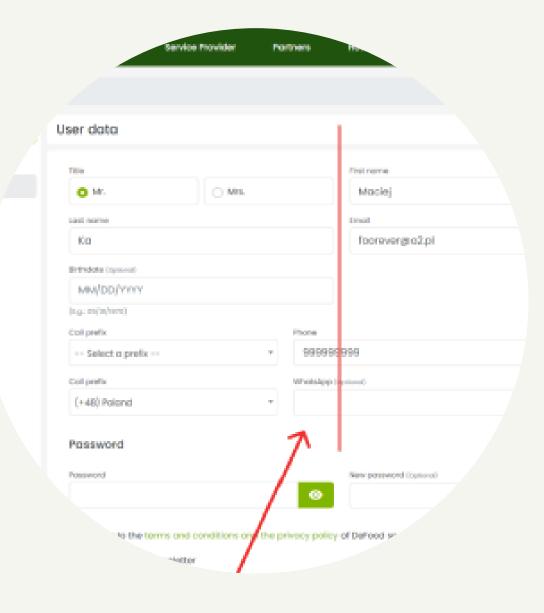




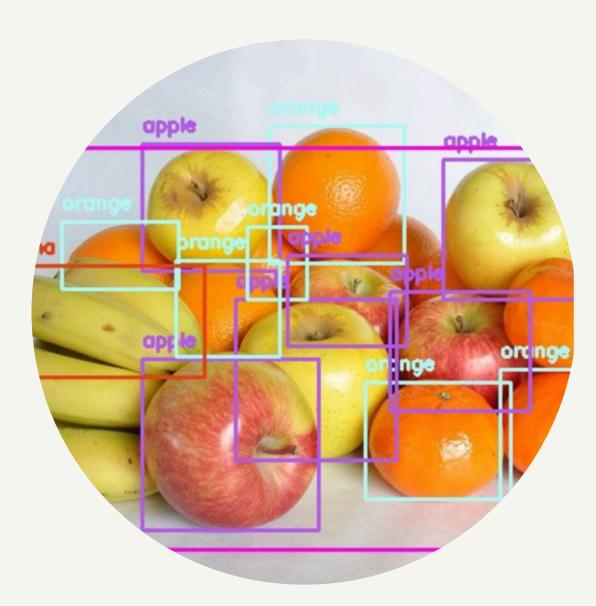
Data flow in real-life trade



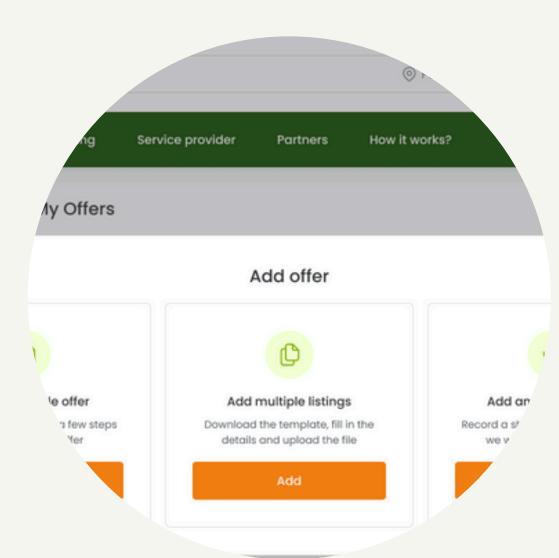
GRAINS Project - key stages



DeFood platform audit

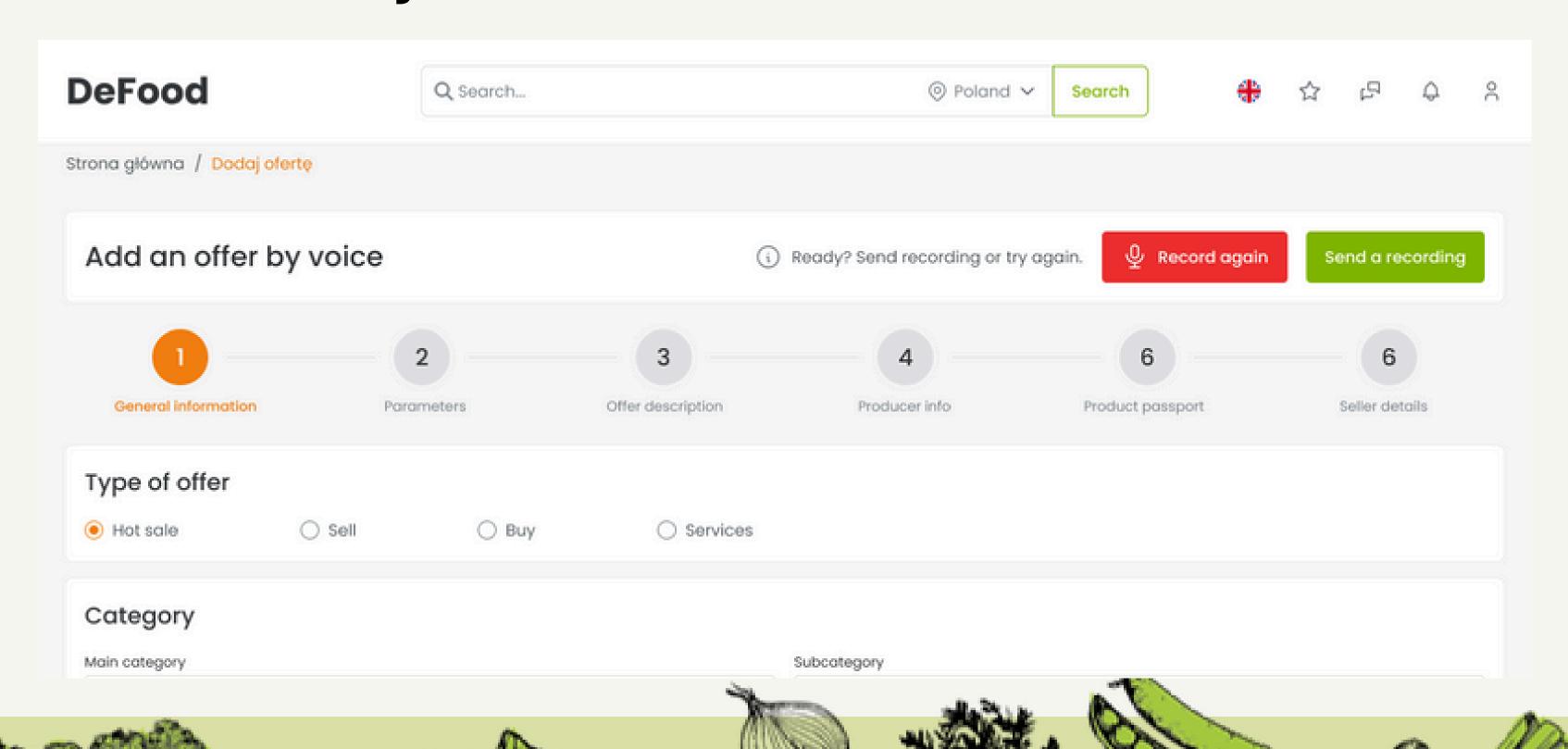


review of tech solutions to implement

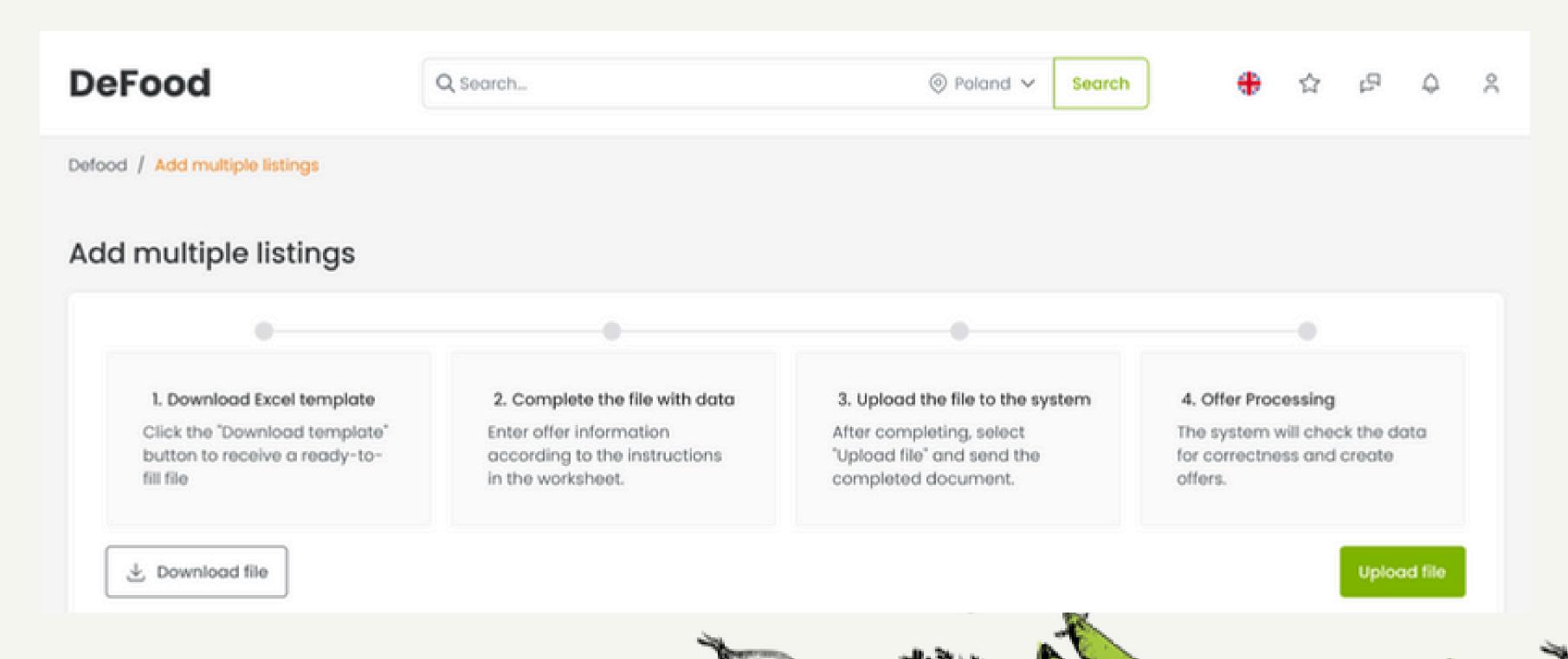


implementantion of 2 digital upgrades and pilot with users

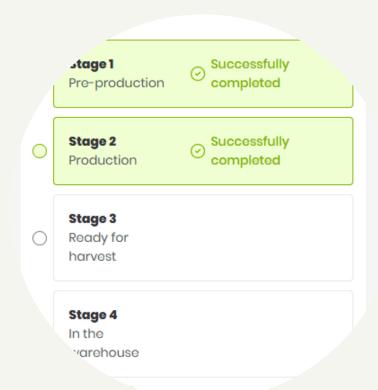
GRAINS Project - voice-to-offer feature



GRAINS Project - bulk import



Our ongoing & future projects



food passport prototyping



pilot project of digital marketplace in Africa



price prediction algorithm & digital contract



Digital food passporting - idea

- potentially very impactful and simple concept to gather as much detailed information as possible about every product batch throughout the entire supply chain, storing this data digitally in one unified, transparent, and easily accessible place.
- the technology behind is more complex integrating multiple data streams - from the farm's production records through logistics, storage conditions, certification, etc.
- the goal is always to minimize manual input and ensure that the collected data streams cross-validate one another, ensuring reliability.







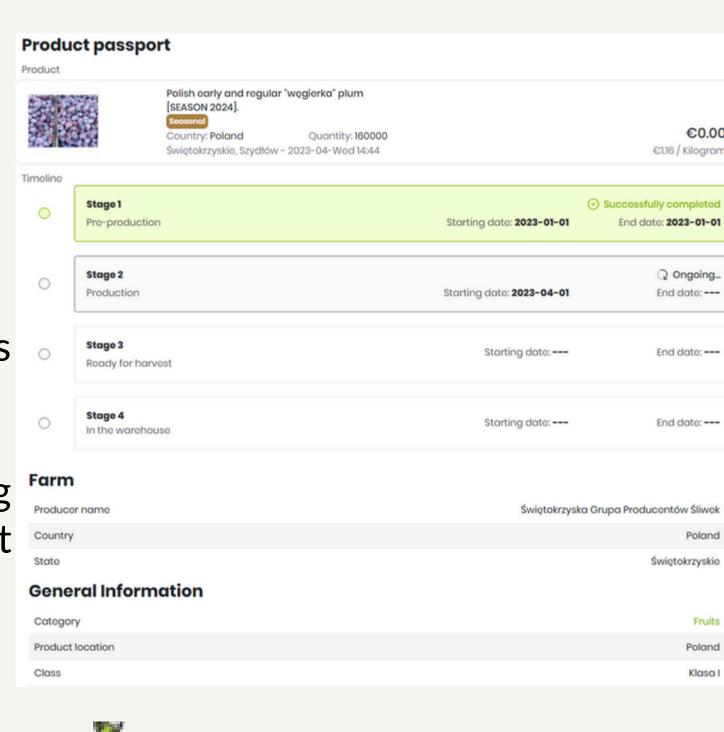






Digital food passport - R&D project

- August 2025 March 2026
- A system allowing real-time input and updating of product data.
- Automated notification of stakeholders regarding changes throughout the product lifecycle (i.e., when new information is added to the system).
- Automated input of product parameters into the system, using integration with external systems like warehouse management systems or farm management systems. We aim to automate data collection wherever possible, using various technologies such as IoT sensors, OCR to read documents, AI-driven image recognition, voice recognitions, large language model analysis.



Feasibility study & Pilot project in Tanzania

- May 2025 November 2025
- In collaboration with Tanganyika Farmers Association, the project will explore the target market's readiness for digital agricultural solutions, focusing on co-creation and technology transfer.
- The outcome of the project will be a validated feasibility study for implementing DeFood's technology in the Tanzanian market.



Thank you!





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