

## INOVA+

ICT solutions to current challenges across multiple industries

Heidelberg, Germany  
Established in 2013



### The company

Inova aims to solve issues of provenance, transparency, traceability and trust present in both agri-food and in logistics. IoT platforms for digitalization of agriculture production are readily available, as is transport data (routes and temperatures) related to food goods stored by logistic companies. Inova's proposed solution will facilitate checking the conditions in which the fruits, vegetables and animal products are produced and supply this data as an Ethereum ledger. By implementing the right APIs to leverage the authorized access to that data, the interested parties (such as producers, import customs, distributors, traders, buyers and regulators) can gain an unprecedented level of transparency that enables an effective traceability. The IoT data is kept verifiable safe and uncompromised, fostering trust in the value chain.

### The Prototype

Inova DE has developed the following prototype

#### Plugthings))

We have developed an IoT platform for Industry 4.0, which has capacities for traceability for cross industries. One of the verticals we now apply this technology to is in agrofood. With IoT sensors from production, logistics, processing and delivery of food products, we can seamlessly generate traceability reports for different product lots.

The Blockchain implementation facilitates the data exchange between our platform and third-party platforms, as well as the secure and trusted access to lot data across our users. We have implemented the smart contracts from our platform and validated the secure exchange of data between users. Now it is possible to generate reports from own production and aggregate data from past producers.

### Meet the team



**Vitor Vieira**  
Co-founder and head of office



**Raquel Sousa**  
Head of Digital Department



**João Rodrigues**  
IT Expert in Blockchain



**Hélder Oliveira**  
IT Expert in webplatforms

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