



Proposal Sourceful ICT for **IntelligentFood**

Building a Collaborative Platform Against Food Waste

About Sourceful



Sourceful ICT is an international software and services company, with offices in Poland and The Netherlands. Sourceful is helping clients with their digital transformation journey, related to their products and services.

Managing Director Joanna Zielonka has worked for more than 11 years for one of the leading IT-consulting firms in the world. She decided to create this spin-out, built a team of technical experts, and use all of her knowledge and experiences, to serve her clients creating seamless and unique digital solutions. Always with the aim to build a partnership with her clients and make the end-user happy.

Joanna and her team have a lot of experience in building complex solutions and how to successfully digitize customer journeys.

Aim IntelligentFood Solution



This solution will become a collaborative and administrative platform for participants to work together and have a clear understanding who is collaborating for what product, including what type of involvement they are going to have.

The first phase is about building a solution for registering the participants and other administrative tasks. The second phase will include the description of all recipes of the products. The second phase also include invoicing functionality.

This solution will be developed in phases.

Suggestions for the IntelligentFood Solution



Below we have described some suggestions that can make the product more robust or complete by adding this technology or functionality to this solution

- Smart Contract functionality, so each participant has an electronic sign-up process that is legally via a notary secured and can be fully performed online (currently out of scope, but a possibility for later)
- Using Ethereum – each participant needs to approve (approve) that new data is added or changed on each project and is therefore fully transparent to each member of a product initiative (currently out of scope, but a possibility for later) [niet bij alles. wordt teveel werk](#)
- To provide high security for all participants, their involvement, the recipes and their profits, we recommend a two-step logon authentication process. (currently out of scope, but a possibility for later)
- In order to provide a solution where IntelligentFood doesn't have to take care of the technical infrastructure, we recommend to have the solution running in the Azure cloud environment
- Since there is a hard requirement that 50% of a product consist out of potential waste food, we would advise putting a validation (approval) mechanism during the creation of each product / project
- Since this initiative is also about creating awareness, we also recommend to add certain result-targets into the system, that also easily can be share via social media for distribution of the awareness and results

Sourceful Smart Contracting – Features (optional)



**Blockchain
Transparency
for all
participants**



**Efficient digital
process for all
parties**



**Digital contract
creation and
digital
sign-off**




**End-to-end
contract creation
and execution
process**



**Fully automated
document flows
and invoicing**

Sourceful Smart Contracting Solution (optional)



S Smart Contracting Invite new customer 

Wizard form

Step 1 Ready Initiate contract | **Step 2** Ready Invite client | **Step 3** Ready Contract data input | **Step 4** Not completed Contract review internal | **Step 5** Not completed Contract review client | **Step 6** Not completed Digital Sign off

Type of Asset Choose type from list **Description** Please fill description

Value of Asset 100500,00 **Currency** EUR

[+ Add new asset](#)

Upload attachments to Smart Contract

BMW X6, 2015, 3.1 Diesel	100050 EUR	Status: Asset verified	Reject Accept
Company domain_NL_COM	2500 EUR	Status: Asset Rejected	Reject Accept
Company property and office	8500000 EUR	Status: Asset verified	Reject Accept

Upload Legal Identification Document [+ Add files](#)

You can also drop your files here

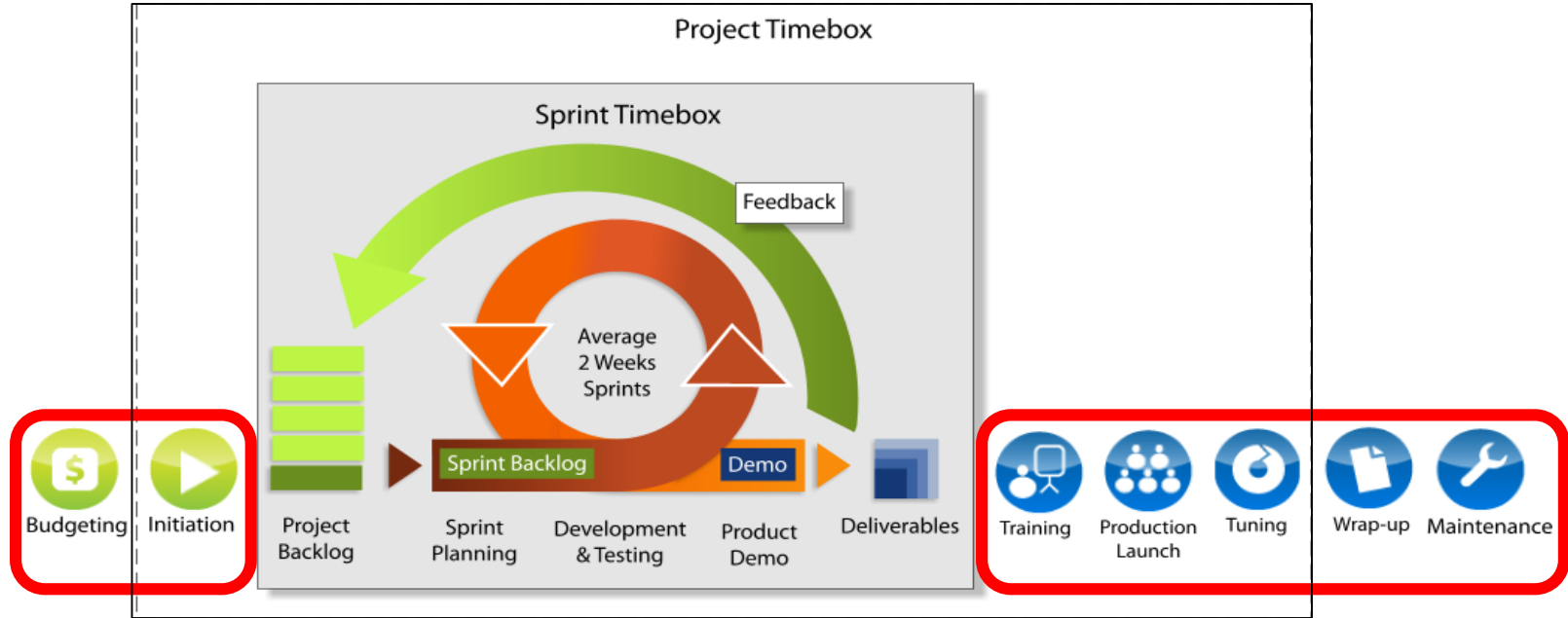
Upload proof mandate legal representative [+ Add files](#)

You can also drop your files here

Upload attachments to Smart Contract

ID_Legit_scan_ID_V2.pdf	+ Add note Edit Remove
ID_Mandae-LR_ID_V1scan.pdf	+ Add note Edit Remove

Project Approach



Project approach will be agile, whereas the budget and timelines are fixed and the scope will be determined each sprint.

Before the project will start, the Project Manager will have a prep-session to discuss the plan of approach and operating model how we are going to collaborate together during the project phase.

Testing Approach



Testing will be an activity where Sourceful will perform the first tests, and a tester team from IntelligentFood will also perform tests thereafter. This way we all contribute to the testing activities. The 10 testers from IntelligentFood will also test the application on usability, how intuitive is the application actually.

Sourceful will follow the test staging approach called TAP (Test, Acceptance, Production).

The first tests are the unit-development tests and checks, these are done by the developers themselves. Acceptance will have 2 stages, functional and regression testing done by a professional tester. A part of this phase is performed via automated testing.

The second stage is business verification acceptance testing and are performed by the end user and the test team of IntelligentFood.

Once the business verification acceptance test has passed, Sourceful will deploy the change to the production environment.

Investment Overview



Delivery Phases	Days	Rate	Total
Phase 1	111	€ 37,50	€ 33.300
Phase 1 additional requirements	69	€ 37,50	€ 20.700
Phase 2	51	€ 37,50	€ 15.300
Phase 2 additional requirements	9	€ 37,50	€ 2.700
Phase 3	35	€ 37,50	€ 10.500
Phase 3 additional requirements	15	€ 37,50	€ 4.500
			€ 87.000

The initial offering had an hourly rate of 45 EUR, which we decreased to 37,50 EUR. The idea is that we love to participate in the venture as a shareholder. The difference between 45 EUR and 37,50 EUR will be our investment in this venture. Meaning a total investment of 17.400 EUR (17%) of the total project revenue.

Project & Payment Conditions



This proposal is based on the detailed specifications we have received. The project will be executed via scrum – agile principles, whereas every sprint demo is a moment to reflect what has been delivered and what backlog items will be included in the next sprint.

We proposed to outsource all the infrastructure to one of the most professional and secure providers in the market, meaning Microsoft Azure Cloud. The cost of the Azure cloud is approximately 120 EUR per month. There are also basic versions, costing 50 EUR, but we would need to analyze in more detail what will be the required set up, security, etc.

The invoicing and payment terms are based on a 2 weeks sprint, meaning each invoice has a payment term of 14 days.

Maintenance and Change contracts are a possibility to agree upon, based upon an annual pre-paid services contract



Best regards,
Joanna Zielonka

Managing Director

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