

Horizon Europe Partner Search Form

I offer my expertise to participate

I am planning to coordinate a proposal and I am looking for partners

Topic

Topic we are interested in:

HORIZON-CL6-2022-FARM2FORK-01-11

Project information

Tentative title:

MARINADE - **MARK**ers **IN**tegration for **A**ccurate **fooD** **TracE**ability

Project idea:

The project aims at developing the first end-to-end tracers to fully determine the origin, authenticity, and security all along the entire food supply chain. These tracers are inorganic, immutable, and non-destructive. They track and trace the aliments from their origin (plant, animal) to the transformation process and up to the end-user products. They can be integrated all along the value chain with minimal changes of the industrial processes and the production lines. The project will allow the development of a food traceability solution in an immutable manner via 2 stages:

- Production of an inorganic tracer with a unique code to allocate a specific location, a production, a batch, a process, or a product.
- Detection system performing analysis via a laser device and a mobile device capable to trace any inorganic material.

The markers are thus designed to be detected in labs or by direct reading at the customers/end-users' facilities. They integrate seamlessly into any blockchain platform for proof of origin.

Furthermore, in the framework of the project we will develop an Artificial Intelligence based tool for the prediction of food quality and origin.

Potential contribution of my organisation to the project:

NETO will lead the management of the project:

- Project design, implementation and management.
- Innovation management based on design thinking and ISO 9001 quality standards.
- Business plans and support for the exploitation and go to market stage.
- Evaluation and monitoring.
- Technical advice.
- Technology transfer from lab to fab.
- Literature and patent review.
- Products and processes roadmap.

- Communication strategy and implementation.

Role in the project:

- Research
- Training
- Dissemination
- Technology Development
- Other

Experience as a coordinator:

- Yes
- No

Experience as a partner in a collaborative project:

- Yes
- No

Consortium:

We have already gathered 6 partners:

1. Markers' technology developer – Technical coordinator.
2. A laboratory working on the development and integration of markers in packaging.
3. An SME developing the AI based platform for quality and origin prediction.
4. An SME for the development of mobile application and IT platform.
5. A group for dissemination.
6. An SME for administrative, financial, and innovation management.

Target Coordinator/Partner sought

Organisation type:

- Higher Education/University
- Public Research Organisation
- Large Scale Enterprise
- Small and Medium Scale Enterprise
- Public Body/Authority
- International NGO
- National NGO
- Other, please specify:

We are looking for the following expertise/competencies:

For this project, we are still looking for 2 end-users (preferably SMEs, or start-ups/spinoff related to RTO):

- Ingredients and/or food manufacturers
- Food packaging manufacturers

Contact details

| | |
|-----------------------|--------------------------|
| Contact person: | Rita FADDOUL |
| Organisation: | NETO Innovation |
| Country: | France |
| E-mail: | rita@neto-innovation.com |
| Phone: | +33 6 67 88 63 85 |
| Organisation Website: | www.neto-innovation.com |

Additional information on the organisation (previous projects, publications, etc.):

At NETO Innovation, we offer our customers and partners high quality services based on the expertise of our team in Research, Development, and Innovation (RDI), project writing and management:

- More than 10 years of experience in RDI.
- Management of RDI teams and projects.
- Technology transfer from lab to fab.
- Writing of multiple successful proposals: 4 H2020, 1 SME Instrument Phase 2 (EIC Accelerator), 2 ADEME, 1 ANR, 2 Plan de Relance, 1 i-Nov, 2 IPCEI.
- Coordination of multiple collaborative projects: 1 SME Instrument, 1 DGE, 1 ANR.
- WP leader of 3 H2020 projects.
- Partner in 4 H2020 projects and 1 FP7 project.