|  |
| --- |
| Z:\Client\NMA\NMA\Niva_logo_v7.png |

|  |
| --- |
| **NIVA – NEW IACS VISION IN ACTION**  Proposal Template: call for Pilot Validations |
|  |
|  |
| 14 January 2022 |
|  |
|  |

Table of Contents

[1 Table of Contents 2](#_Toc88133519)

[2 Purpose 3](#_Toc88133520)

[3 General Information 4](#_Toc88133521)

[4 Proposal Description 6](#_Toc88133522)

[4.1 Innovations 6](#_Toc88133523)

[4.2 Main Competencies 6](#_Toc88133524)

[4.3 General description 7](#_Toc88133525)

[4.4 Objectives 7](#_Toc88133526)

[4.5 Work plan and activities 7](#_Toc88133527)

[4.6 Expected results and deliverables 7](#_Toc88133528)

[4.7 Consortium composition 7](#_Toc88133529)

[5 Impact & Sustainability 8](#_Toc88133530)

[6 Validation 9](#_Toc88133531)

[6.1 Description of validation exercise 9](#_Toc88133532)

[6.2 Assessment of “technology readiness level” 9](#_Toc88133533)

[6.3 Assessment of innovation’s useability 9](#_Toc88133534)

[7 Other Aspects 10](#_Toc88133535)

[7.1 Dissemination and communication activities 10](#_Toc88133536)

[7.2 Financial impact 10](#_Toc88133537)

[7.3 Organizational set up and governance between partners 10](#_Toc88133538)

[7.4 Key staff with short CVs 10](#_Toc88133539)

[7.5 Ethical issues? 10](#_Toc88133540)

[8 Costs justification and funding 11](#_Toc88133541)

[8.1 Deliverables list 11](#_Toc88133542)

[8.2 Budget and cost justification per partner 12](#_Toc88133543)

# Purpose

This document outlines the proposal template suggested for responding NIVAs Financial Support to Third Parties call, as a mechanism to validate the NIVA pilots. NIVA invites Third Parties (TP) to test and validate its innovations and components in diverse circumstances for purposes related to CAP monitoring.

# General Information

*This information is mandatory and will be used by the review committee to assess the suitability and expertise of the applicants. For more information about data protection check NIVA Data Privacy Policy.*

**General details**

|  |  |
| --- | --- |
| **Proposal Title** |  |
| **Proposal Acronym** |  |

|  |  |
| --- | --- |
| **Summary for NIVA website** |  |

**Coordinator details**

|  |  |
| --- | --- |
| **Title (Mr/Ms/Mrs/Dr/Prof)** |  |
| **First Name** |  |
| **Last Name** |  |
| **E-mail** |  |
| **Telephone** |  |
| **Company** |  |
| **Sector/Expertise** |  |
| **Consortium role** |  |
| **Full Address** |  |
| **VAT Number** |  |

**Partner 2**

|  |  |
| --- | --- |
| **Title (Mr/Ms/Mrs/Dr/Prof)** |  |
| **First Name** |  |
| **Last Name** |  |
| **E-mail** |  |
| **Telephone** |  |
| **Company** |  |
| **Sector/Expertise** |  |
| **Consortium role** |  |
| **Full Address** |  |
| **VAT Number** |  |

**Partner 3**

|  |  |
| --- | --- |
| **Title (Mr/Ms/Mrs/Dr/Prof)** |  |
| **First Name** |  |
| **Last Name** |  |
| **E-mail** |  |
| **Telephone** |  |
| **Company** |  |
| **Sector/Expertise** |  |
| **Consortium role** |  |
| **Full Address** |  |
| **VAT Number** |  |

# Proposal Description

*IMPORTANT: The allowed font type is “Arial” and the minimum font size is 11 points, the paragraph spacing 6pt and the line spacing single. The page size is A4, and all margins (top, bottom, left and right) must be at least 15 mm (not including any footers or headers).*

*The total length of the entire proposal, including the tables on Costs justification and funding (paragraph 6), must not be more than 30 pages. Removing explanatory text in the proposal template, located below the paragraph sub-titles is allowed. Project evaluators are instructed to dismiss the pages after the 30th page from the evaluation.*

## Innovations

*Please tick the box to select the innovation that the proposal applies to.*

|  |  |
| --- | --- |
| Earth Observation traffic lights for parcel-based administration |  |
| Models for Soil carbon flux and nitrate leaching |  |
| Farmer Performance: FMIS data sharing API |  |
| Automatic parcel boundary delineation |  |
| Standardize Farm Registry data models across EU |  |
| Geotagged Photo App |  |
| Machine Data - “Administration: from field to IACS in 3 steps” |  |
| Automatic Change detection with Very High Resolution Images (LPIS update) |  |
| Seamless claim: Click and pay, a Smart Contract application |  |

## Main Competencies

*Please select the competencies that your organization or consortium covers.*

|  |  |  |
| --- | --- | --- |
| Competence |  | Explanation |
| Understanding of Common Agricultural Policy |  |  |
| Understanding of Common Agricultural Policy Monitoring |  |  |
| Understanding of Integrated Administration and Control System (IACS) |  |  |
| Remote Sensing and Geographic Information Systems |  |  |
| Analytics and decision making (*Artificial Intelligence, Big Data, data interpretation*) |  |  |
| Automation (*actuation, manipulation, handling*) |  |  |
| Systems integration of innovations in operational systems |  |  |
| Artificial Intelligence and Machine learning |  |  |
| Large scale data bases and control systems |  |  |

## General description

*Briefly describe the background of your Pilot Validation (the question to solve) and how the proposed solution addresses the topics of the Pilot Validation.*

## Objectives

*Write the key objectives of the Pilot Validation.*

## Work plan and activities

*Draft the workplan and key activities of the proposed solution including a clear timeline. This workplan should address 2 key phases of implementation plan – Design, Develop, Market – as stated in the Guide for Applicants.*

## Expected results and deliverables

*Describe the key expected results and deliverables that the proposal will achieve and deliver. Propose SMART indicators, where appropriate, to make the main objectives and expected results measurable and aligned with the NIVA objectives.*

## Consortium composition

*Explain briefly what the main competences and experience of each partner in the consortium are and how they are relevant for the delivery of the proposed product/service.*

*Write a brief explanation of the cross-border and/or cross sector character of the consortium.*

# Impact & Sustainability

*Describe the implemenation challenge and business potential in your organizations or partner organzations. Demonstrate how the proposed pilot validation will interact with the relevant end-users and state the estimated number of end-users.*

*Special attention should be paid to the following elements:*

* *Describe how the project will develop the sustainable value for the partner organizations. What will happen after the pilot validation? How will the pilot validation help you to improve your own business processes?*
* *Scalability: describe how the pilot validation can be scaled up beyond the project period, if successfull*

# Validation

## Description of validation exercise

*When can the pilot validation be considered a success? How will you test and prove this?*

## Assessment of “technology readiness level”

*Please describe the starting Technology Readiness Level of the proposed solution in accordance with the* [*EU TRL scale*](https://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-g-trl_en.pdf) *and the target Technology Readiness Level.*

## Assessment of innovation’s useability

*Please describe to what extent the innovation is usable.*

# Other Aspects

## Dissemination and communication activities

*Describe the envisaged communication and dissemination activities.*

## Financial impact

*Describe any relevant implication and support from public or private entities either from outside or within the proposing consortium. Explain additional financial support you received from public or private resources for the development of this pilot validation, and your approach to further sustainability in the future.*

## Organizational set up and governance between partners

*Describe the organizational set up and governance between partners (if any).*

## Key staff with short CVs

*Who will implement this pilot validation?*

## Ethical issues?

*Describe how you will comply with European Union ethical rules/ principles by following an 'ethics by design'-way of working, whereby ethical and legal principles, on the basis of GDPR, competition law compliance, absence of data bias are implemented since the beginning of the design process. When defining the operational requirements, it is also important to take into account the interactions between humans and digital systems.*

# Costs justification and funding

## Deliverables list

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Deliverable Name/Description |  | Delivery Date | Phase | Overall Cost (€)[[1]](#footnote-2) | Note |
| 1 | Testing - a report/deliverable that summarizes the test results |  | 01.05.2022. | Inception |  | Cannot exceed 30% of the overall budget |
| 2 | Validation - a report/deliverable that summarizes the test and validation results |  | 01.09.2022. | Execution |  | Cannot exceed 75% of the overall budget |
| Total Deliverables Cost | | | | |  | 100% |

## Budget and cost justification per partner

Note that all costs must be entered in EUR currency, in the full amount. VAT is not eligible per H2020 rules.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Budget** | **Consortium leader/Partner 1** | **Partner 2** | **Partner 3** | **Partner 4** | **Partner 5** | **Total** | **Justification** |
| **Personnel Cost[[2]](#footnote-3)** |  |  |  |  |  |  |  |
| **Travel Cost[[3]](#footnote-4)** |  |  |  |  |  |  |  |
| **Equipment Cost[[4]](#footnote-5)** |  |  |  |  |  |  |  |
| **Other goods/services** |  |  |  |  |  |  |  |
| **Subcontracting[[5]](#footnote-6)** |  |  |  |  |  |  |  |
| **Indirect costs[[6]](#footnote-7)** |  |  |  |  |  |  |  |
| **Total Cost[[7]](#footnote-8)** |  |  |  |  |  |  |  |

1. It includes the overall costs associated with the respective deliverable (personnel, travel, equipment, other, subcontracting and indirect costs) in Euros [↑](#footnote-ref-2)
2. Cost of the personnel realizing the deliverables [↑](#footnote-ref-3)
3. Travel costs necessary for the execution of the experiment [↑](#footnote-ref-4)
4. Only the depretiation cost of the equipment should be included. [↑](#footnote-ref-5)
5. In case of subcontracting this should be clearly justified. [↑](#footnote-ref-6)
6. Indirect costs (overheads) could be up to 25% of the direct cost. Subcontracting is not included in indirect cost calculation [↑](#footnote-ref-7)
7. Winning proposal may have a total cost less or equal to €500,000. Total cost should be equal to total deliverables cost. [↑](#footnote-ref-8)