

PRELIMINARY MARKET CONSULTATIONS FOR THE DEFINITION OF THE NEW PROGRAMMING PERIOD OF THE CIVIL UAVS INITIATIVE 2021-2025

Summary

The Xunta de Galicia (Regional Government of Galicia) will address a new programming period for the Civil UAVs Initiative between 2021 and 2025, reconfirming its commitment—after the COVID-19 pandemic—to the consolidation of a high technology industry providing Galicia with greater resilience against crises, economic growth and social cohesion.

The planned future public-private investment, estimated at €160 million, will be aimed at continuing to boost the aerospace sector in Galicia and, specifically, at supporting R&D&I specializing in unmanned vehicles and in the search for solutions to improve the provision, effectiveness and efficiency of public services.

The investment in this new programming period will include all actions capable of consolidating Galicia as a global benchmark aerospace hub in the development and testing of unmanned aircraft, with the triple objective of strengthening existing infrastructures, consolidating the industrialization of equipment and systems in Galicia and developing solutions of interest to both the public and private sectors.

The objectives of this market consultation, which is the starting point for the tenders to proceed with the Galician Aerospace Hub, are: to identify companies, solutions, technologies, trends, etc. that will lead to progress in the strategic design of the new programming period of the Civil UAVs Initiative and to draw up the Early Demand Map for the coming years of the Initiative.

1 THE CIVIL UAVs INITIATIVE:

1.1 Background: the Civil UAVs Initiative 2015-2020

Since 2015, Galicia has promoted the creation and growth of a new high-tech sector in the region, through a policy of innovation and industry focusing on the aerospace sector under the figure of the **Galician Aerospace Hub**.

In the 2015-2020 period, various public bodies led by the Xunta de Galicia have committed an investment of €85 million to promote the Hub, mobilizing a private sector investment of €79 million; thus totalling an **investment of €164 million**. This investment has been channelled through the **Civil UAVs Initiative**, a strategic initiative led by the Xunta de Galicia, involving not only different regional ministries, but also other public institutions, such as the Ministry of Science and Innovation or INTA (www.civiluavsinitiative.com).

The Civil UAVs Initiative aims to be a **major strategic initiative of global scope** developed through six INVESTMENT PROGRAMMES, in which 59 projects are funded to date and in which more than 50 companies and research centres participate.

The programmes in which the Civil UAVs Initiative is currently structured are:

- **Infrastructure Programme:** actions aimed at creating the necessary infrastructure for the public and private development of the aerospace sector in Galicia. Its main results have been the creation around the Rozas Airfield (Lugo) of the Airborne Research Centre – CIAR – (see Annex 1); and the creation of the Industrial Park, with an industrial area of over 16,000 m² integrated within the airfield with industrial land for companies in this sector (see Annex 2).
- **R&D programme:** partnership agreements between the Xunta de Galicia and leading companies for the joint development of R&D programmes that enable the creation of products, technologies and solutions in the aerospace sector based on pre-commercial public procurement models. To date, three agreements have been signed with INDRA Sistemas, BABCOCK MCS and BOEING Research and Technology Europe for the development of more than 25 projects involving 34 companies and research centres.

- **Solutions Programme:** procurement of solutions based on innovative technology through tenders for public procurement of innovation. The innovative solutions respond to a wide spectrum of public needs related to policies for the sea, rural development, land management, forestry, etc. To date, 10 contracts have been signed involving more than 33 companies and research centres.
- **Entrepreneurship Programme:** the Business Factory Aero enables the attraction, creation and development of small and medium-sized enterprises in the aerospace sector in Galicia. Its main results have been the incubation and acceleration of 12 new companies by Business Factory Aero (www.bfaero.com), selected through two calls. The third call will be published in July 2020.
- **Scientific vocation programme:** actions designed to promote the development of scientific-technological vocations in Galician youth. Its main result has been the implementation of a comprehensive programme in which 1,500 young students have participated so far, with 2,350 expected to have participated by the end of 2020, through various workshops, flight simulation activities and visits to the Rozas facilities.
- **Other R&D support instruments:** Complementary support for R&D projects and industrial investment in the aerospace field, the results of which have led to the creation of Mixed Research Units between Galician companies and technology centres and the financing of collaborative R&D projects.

This series of programmes and actions places the Civil UAVs Initiative at a similar or higher level—in terms of investment and scope of its actions—with the major international commitments to the development of the UAV industry, with the capacity to position Spain as a benchmark country in the aerospace technology segment.



Illustration1: International comparison of the scope of the main industrial policy programmes focused on UAVs

INTERNATIONAL COMPARISON	DICATED AIRFIELD	ICTS CENTRE	INDUSTRIAL PARK	AMME SCIENTIFIC	&D&i PROGRAMME	AMME SOLUTIONS	MME IDI SUPPORT	TOR INCUBATOR/	NTREPRENEURHSI
USA: Scientific programmes and collaborations of NASA, the FAA, DARPA POLAND: INNOBZ and GERMANY: SOUTH KOREA: QUEENSLAND (AUSTRALIA) EUROPEAN COMMISSION									

After five years of execution of the Civil UAVs Initiative, the Initiative currently has more than 50 entities working and more than 450 professionals¹. In addition to the above, two benchmark infrastructures in Europe, indicated above, have been created around the specialized airfield in Rozas.

After this launch period, it is considered that the time has come to move forward in defining the investments that will be made during the next five years of the Initiative.

1.2 Objectives for the period 2021-2025

Today, after the global COVID-19 pandemic, resilience, economic growth and industrial development are key to achieving well-being in our societies. Within this framework, the policy aimed at consolidating the aerospace sector as a benchmark high-tech industry in Galicia has shown not only to be appropriate but also necessary in order to strengthen the Galician economy.

The Xunta de Galicia strengthens its commitment to the development of an active industrial and innovation policy aimed at the development of the aerospace sector, continuing its focus on the development of high value-added technology within this sector and to the growth of the UAV segment and all systems and services linked to this type of platform.

In this sense, Galicia's RIS3 is configured as the ideal strategy in which to set out the actions aimed at developing the knowledge-based activities in the aerospace sector, linked to Galicia's capacities and with international potential. A key area in Galicia's smart specialization that will allow public and private funds to be used more effectively and the increase in synergies between different EU, national and regional policies.

To this end, the Xunta de Galicia will promote the Civil UAVs Initiative, mobilizing significant resources over the next five years (2021-2025) from its own funds as well as from European funds. The financing capacity in Galicia allows the Xunta to make a strong commitment to attract leading companies to Galicia and continue to support the presence of companies from the region in the aerospace sector.

¹ Figures as of 30 April 2020

The objectives of the Xunta de Galicia with its aerospace policy are:

1. **To promote economic growth and cohesion in the region through support for a new high-tech sector in Galicia.** The development of the aerospace sector is a priority for the region, having positioned itself as an objective of the industrial and innovation policy compared to other technology-intensive sectors. The aim is to support specialization in sectors with high technological intensity, mobilize the current R&D&I capacities of Galician technology companies and encourage their participation in a new sector, promote technology transfer from the aerospace sector to other economic sectors in the region and to the market, create quality employment in Galicia and provide new job opportunities for young people in the region.
2. **To consolidate Galicia as a benchmark region in Europe in the drone segment,** not only because of the **investment** of the public sector in this sub-sector, but also because it is a place for the exchange of knowledge between the main players in this sector, supported by **innovative infrastructures** capable of responding to the **experimentation and industrialization** needs of companies in this field. The Xunta de Galicia's investment seeks to create an optimal environment for the creation and industrialization of products and services in the UAV segment.
3. **To attract leading companies to invest in Galicia** for the manufacture of platforms and systems related to UAVs, as well as to find in Galicia the technological base required to carry out experimental projects with UAVs, through institutional support for these companies and the entire value chain in Galicia.
4. **To promote the commercialization and internationalization of products and services** developed by companies in the aerospace sector in Galicia, actively supporting their arrival on the market and the capabilities of companies to achieve commercial success with them.

1.3 Lines of work and instruments

To achieve these objectives, the Xunta de Galicia is designing the new programming period of the Civil UAVs Initiative, in which both the public management instruments used to date and other new support instruments can be used. Specifically, depending on the results of these market consultations and the rest of the activities being carried out for the strategic design of this new period, the use of instruments such as the following is being considered:

- **Public Procurement of Innovation:** The PPI has been the main instrument for the implementation of the Civil UAVs Initiative to date and will continue to be so in future years. Through the PPI, Public Administrations develop joint R&D programmes or acquire innovative solutions to improve the performance, effectiveness and efficiency of public sector actions (public challenges). Therefore, in the new period, Pre-commercial Public Procurement (PPP), Public Procurement of Innovative Technology and the Association for Innovation will continue to be used.
- **Private Procurement of Innovation:** As an innovative instrument, the Xunta is considering financing large R&D projects carried out by agents located in Galicia that respond to the challenges of the private sector, so that private demand is integrated within the technological capacities of the Galician productive fabric.
- **Support for business R&D&i:** the Xunta will continue to use its business R&D aid programmes to finance projects and Mixed Research Units related to the UAV sector.
- **Support for investment and industrialization:** The Xunta has instruments to support investment and industrialization with the aim of facilitating investment and the opening of production chains in Galicia.
- **Support for the internationalization and marketing of innovative products:** The Xunta has specific instruments to support the internationalization of companies participating in the Civil UAVs Initiative.

2 THE CHALLENGES OF THE CIVIL UAVS INITIATIVE 2021-2025

2.1 Objectives of this market consultation

This market consultation is of a strategic nature for the Xunta de Galicia and therefore it sets out broad objectives. Specifically, these are the objectives of these consultations:

- To obtain information on **product development strategies, services and solutions from technology companies in the UAV sector** that may be the subject of public-private collaboration within the framework of the Civil UAVs Initiative over the coming years.
- To know their **specific proposals regarding the creation of applications and solutions** of interest so that the Early Demand Map can be drawn up (i.e. the list of possible tenders to be published by the Xunta in the coming years), both for the public and the private sector.
- **To know the challenges of the private sector and the interest of end-user companies in participating in a potential programme for Private Procurement of Innovation.** End-user companies are those that—without being technology manufacturers—are considering the use of drones to carry out the company's own activities: transport, inspection, etc. The aim is to attract companies that wish to carry out their R&D in unmanned systems in Galicia, taking advantage of the knowledge concentrated in the Hub that they cannot find anywhere else.
- **To have information about the needs of those companies which have drone-based technology in the industrialization or commercialization phase** (beyond its possible use by the Xunta as a first customer)², with the aim of designing support actions for them by the Xunta de Galicia.

² Those companies that present solutions to be acquired as a first customer by the Xunta de Galicia must do so within the framework of objective 2: Specific proposals regarding the creation of solutions for the public sector. Those that need support for the opening of industrial manufacturing lines, maintenance, etc., or support in the marketing of products to third party public or private customer, may present their proposals under this objective.

- **To know the interest of other organizations and institutions, both national and international, to collaborate with the Civil UAVs Initiative**, in a broad framework of collaboration such as the implementation of joint projects, use of solutions created within the framework of the Initiative, joint research, boosting the sector, planning and coordination of infrastructures, etc.

2.2 Roles with which to participate in the Consultation

Within the framework of these objectives, each entity participating in the consultations must establish the role or roles with which it could participate in the second period of the Civil UAVs Initiative:

- **Role 1: Technology development company:** Companies creating technology across the whole spectrum of equipment, systems and applications described in the following point.
- **Role 2: Companies using solutions for the private sector:** Companies with an interest in the use of drones in their operational activities, such as the transport of goods or people, telecommunications, observation, etc., and which are interested in participating as private purchasers of innovation in the Initiative.
- **Role 3: Companies in the industrialization phase:** Companies with platforms, systems or solutions in the commercialization/industrialization phase with an interest in investing in Galicia, installing production chains, maintenance or other industrial activities in the region.
- **Role 4: Collaborating organization or institution:** Public and private organizations and institutions with interest in establishing collaboration agreements or agreements with the Xunta de Galicia. This collaboration may be articulated, for instance, through the implementation of joint projects to find solutions to organizational or common challenges, use of solutions created within the framework of the Initiative, joint research, promotion of the sector, infrastructure planning and coordination, etc.

2.3 Challenges 2021-2025

2.3.1 Platforms

The Xunta made a firm commitment, in the first part of the Civil UAVs Initiative, in favour of large unmanned platforms which must be certified in accordance with the legislation to date.

In this sense, a significant part of the funding has been concentrated on financing three platforms:

- **TARGUS**, a 1200-kg fixed-wing optionally piloted aircraft (OPV) based on TECNAM's P2006T platform, which INDRA and GAERUM are transforming into an unmanned vehicle. INDRA has made a commitment to manufacture the TARGUS in Galicia provided that more than 12 units are sold in the 5 year-period after the end of the programme.
- **LUMES**, a 150-kg rotary wing UAV, manufactured by BABCOCK with a load capacity of **30 kg**, and therefore not designed for the transport of goods or people but to carry out observation work, emergencies, etc. At the end of the Programme it will be in TRL7, pending future certification.
- **LUA**, a 25-kg rotary wing UAV—with a similar basic design to the LUMES—which is already in the commercialization phase and which will also be manufactured in Galicia in the future.

Other unmanned marine vessels are also being developed in the programme: a general purpose USV, the sample taking USV and the rescue USV.

They are all developed with the aim of being able to share their respective spaces with their manned counterparts when regulations allow; therefore, they are developed under quality and safety requirements similar to those of current commercial aviation and navigation.

These are complemented by other commercial platforms on which the appropriate technical adaptations are made for each mission, all under 25 kg.

In the new programming period, the Xunta de Galicia considers supporting the design, development and manufacture of new specific platforms or platform systems that, due

to their size, requirements and functionalities, can be industrialized, adding value to the region.

2.3.2 Systems and instrumentation

In the first period of the Civil UAVs Initiative, support was given to the development of systems and instrumentation aimed at responding to both general challenges (such as security) and specific challenges (rescue missions, recovery, help in situations of isolation, etc.).

On-board systems are a relevant part of CUI developments, as they are considered an essential part of the 'unmanned' concept. In particular, it is worth mentioning the **two autopilots** that have been or are being developed under strict requirements to guarantee their **future certification**. Relevant communication components are also developed, as well as flight management sub-systems to address contingencies during navigation. One of the joint R&D programmes focuses, specifically, on developing onboard systems that can provide solutions to the main contingencies facing an unmanned aircraft, which in manned aircraft would normally be faced by a pilot, such as loss of communications, positioning, intrusion detection, powerplant, etc.

On the other hand, the development projects include the **systems and instruments on the ground** required to handle the platforms, such as control stations for the piloting and management of the payloads or transport vehicles and deployment systems. In addition, some solution projects will generate infrastructures such as 'nests' to house UAVs in unique locations, such as the Galician estuaries or key points of the Way of Saint James.

Regarding data management infrastructures, a Data Processing and Mission Centre (DPMC) is being developed, representing a relevant asset for future UAV development services, as it combines mission management with data handling.

In addition, various data management solutions are being developed such as the georeferenced data management system (Tierra-1), as well as other specific data management infrastructures for certain functionalities (Mar-1 and Mar-2).

The Xunta de Galicia would be interested in receiving Expressions of Interest related to:

- Development of instrumentation and cross-cutting systems to meet the general challenges of UAVs.
- Development of general equipment for UAVs that can be transferred to other aerospace platforms such as satellites, HAPS, etc.
- Any proposal for systems or instrumentation.

2.3.3 Solutions for the public sector

The creation of solutions for improvement of the provision, efficiency and effectiveness of the public sector activities, specifically those of the Xunta de Galicia, has been the guiding thread of the Civil UAVs Initiative to date, and will continue to be so in this second programming period.

The Galician Agency for Innovation (GAIN)—as the managing body of the Initiative—will work with the Xunta's Regional Ministries to identify the needs and challenges of the Galician public sector for the coming five years. This, together with the results of the market consultations, will serve to identify specific public sector challenges to be addressed through the PPI during the period 2021-2025.

The Xunta de Galicia expects to receive the following in these Consultations:

- Expressions of interest that respond to challenges not addressed in the previous period.
- Expressions of interest that respond to new challenges that the market has identified as being of potential interest to the public sector and that have not been identified by the Xunta.
- Expressions of interest that respond to cross-cutting challenges that allow the widespread use of these new solutions, in particular those related to **navigation safety and air traffic management**.

In order to receive state-of-the-art proposals that do not respond to challenges that have already been overcome or propose obsolete technologies, participants in the Consultations are recommended to:

- Analyse Annex 3 of this document.
- Review the presentations of the Initiative's Technical Forums (the first held in February 2019 and the second held on 30 June and 1 July 2020) (<https://www.civiluavsinitiative.com/documentacion/>).

2.3.4 Solutions for the private sector

During the five years that the Civil UAVs Initiative has been running, many private companies have shown interest in using unmanned aircraft in their own operational activities. In this sense, it is clear that a market is being created for civil use applications by private companies, including the use of drones for activities such as passenger transport, freight transport, inspections, observation, etc.

Thus, the transport of people and goods is the long-term challenge upon which most companies that carry out research and services with drones focus their efforts.

As for freight transport, several companies have already tested solutions for the transport of small packets using drones in real operational environments (TRL7), both in rural and urban environments, and there are even services already operating in real operational environments.

On the other hand, at least 67 companies worldwide are now working on the development of unmanned platforms for the transport of people³, all under the paradigm of a change in urban mobility systems, allowing the transformation of the transport of people in large cities in a disruptive way. Several of these platforms are already in the experimental phase, although none of them make flights in real operational environments, which places the most advanced ones around TRL6 or TRL7.

³ Companies such as Uber Elevate, Boeing NeXT and HorizonX, Bell Nexus, Safran, Jaunt, XTI, Bell, Rutan, Lilium, EHang and others are developing platforms under the umbrella of the so-called eVTOL.

The development of passenger transport platforms runs parallel to that of UAS (Unmanned Aerial Systems) and the UAM (Urban Air Mobility) concept; that is, until the infrastructure and technology for managing urban air transport systems are in place, the platforms cannot become operational. In this sense, the development of such systems has also attracted the attention of development companies⁴.

Many other common operations of private companies in different sectors (energy, transport, etc.) can be executed more effectively and efficiently through the use of UAVs, including infrastructure inspection (wind farms, ports, roads and railways, etc.), preventive maintenance, risk control, etc.

The Xunta de Galicia intends to promote the Private Purchase of Innovation by these companies, making it easier for the challenges they identify in collaboration with the Xunta to be tackled by R&D consortiums financed or co-financed with the Xunta's own instruments, so that the Civil UAVs Initiative community can put its technological and service provision capabilities to good use not only in the public sector, but also in the private sector.

Therefore, the Xunta de Galicia expects to receive Expressions of Interest from:

- **End-user companies** describing their needs and objectives regarding the use of UAVs in their operations.
- **Development companies** that describe potential solutions and applications of interest to the private sector.

2.3.5 Infrastructures

In addition to the technological and sectorial challenges, the Xunta has identified a series of challenges related to the infrastructures needed to strengthen the UAV

⁴ The business of urban transport by helicopter is old, but has not been successful until recently, with the growth of Voom in São Paulo and Mexico, or Blade in New York. Uber has also announced its entry into this market, in New York and in the San Francisco Bay area.

industry in Spain and to complement the strong commitment made to date to make Rozas a technological hub in this segment.

In this sense, the Xunta de Galicia expects to receive Expressions of Interest aimed at:

- Innovative equipment to consolidate the CIAR and the Rozas airfield as a **unique infrastructure for the development and testing of unmanned vehicles**.
- Facilitating the use of the entire area of Rozas Airfield as a **regulatory sandbox**, where all types of UAVs can be tested and, specifically, promoting the coexistence of systems, the use of systems of systems and the coexistence of different types of aircraft in the same airspace.
- Any other type of **infrastructure aimed at achieving the objectives of attracting and creating talent**, such as those focused on training, dissemination and diffusion of science, etc.

It is recommended that participating companies send EoIs focusing on infrastructure, so that the proposals submitted do not focus on existing equipment and are complementary to what already exists in Rozas and CIAR:

- Review Annex 1.
- Participating in the technical visits to CIAR (Rozas, Lugo) described in section 3.3 of this document.

2.3.6 Industrial investments

Over the next five years, the Xunta de Galicia will boost its industrial policy to support the aerospace sector, including not only the instruments and investments already described (through innovation and investment attraction policies), but also instruments specific to industrial policy such as the provision of land for industrial use (see Annex 2) or the backing and financing of industrial investments for the implementation of production chains, maintenance, research centres, etc., in Galicia.

Given the importance of these investments for Galicia, interested companies will receive preferential treatment, in the sense that they will be treated via bilateral, personalised dialogue, with the aim of adapting regional support to each company's needs and optimizing the instruments for each specific case.

The following are considered as industrial investments, without being exhaustive:

- The opening of production lines for platforms, equipment, systems, etc.
- The opening of other operational facilities: maintenance, recycling, services to industry, etc.
- The opening of production centres or R&D&I centres.
- The opening of commercial delegations or headquarters.

2.3.7 Institutional collaboration

The Civil UAVs Initiative has so far been characterised as a strategic initiative in which various Public Administrations collaborate, with differing degrees of involvement. Among them, we can highlight the financing Administrations (the Xunta, the Ministry of Science and Innovation, and the Ministry of Defence, through INTA) and the institutions managing programmes or projects (several agencies or departments of the actual Xunta, INTA and CDTI, until now).

In the new period of the Initiative, the Xunta is interested in collaborating with other organizations and institutions, whose role is not defined by those described in section 2.2. By way of example, and without being exhaustive:

- **Institutions or organizations outside the Xunta de Galicia interested in developing, testing or being users of drone-based solutions**, including any procurement bodies of other public entities that have identified the need or convenience of using drones in their actions.

- **Institutions or organizations interested in joint innovation purchases, both at national and European level**, within the framework of transnational innovation purchasing promoted by the European Commission.
- **Institutions or organizations with similar policies or infrastructures to those of the Initiative interested in collaborating** in coordinating actions, carrying out knowledge transfer activities, implementing joint projects, etc.

With this objective, the Xunta de Galicia expects Expressions of Interest:

- Directly from these institutions and organizations, in which they explain their interests in collaborating with the Xunta within the framework of the Civil UAVs Initiative.
- Indirectly, from private companies or other organizations which propose to the Xunta to explore collaboration with third party institutions or organizations which may support such collaboration.

3 PRESENTATION OF EXPRESSIONS OF INTEREST

3.1 Process and deadline for the presentation of Eols.

Expressions of Interest will be submitted via the e-mail address of the Galician Agency for Innovation: civil.uavs.initiative@xunta.gal

The Eols will contain the following documents:

- **Basic file of the proposing company or institution**, which is attached later and its electronic file can be downloaded from the aforementioned website.
- **Report or description of each proposal**, in accordance with the provisions of section 3.5.
- **If applicable, any other documentation deemed to be of interest.** If videos are attached, a link must be included for viewing or downloading the video.

The **deadline for submitting Expressions of Interest is 4 September 2020.**

3.2 Confidentiality

All documentation provided by participants in the consultations will be treated as confidential, and no public use shall be made of it.

However, all participants will accept that the information provided will be used by the Galician Agency of Innovation with the aim of defining the actions of the CUI's second programming period and, where necessary, to write functional specifications for the implementation of the programmes of the Civil UAVs Initiative.

3.3 Technical visits to Rozas and CIAR

During the market consultation period, GAIN will organise technical visits to ROZAS and CIAR, for those companies or institutions interested in learning about the infrastructure. Interest in these visits will be channelled via this e-mail civil.initiative.civil@xunta.gal. For security reasons, these visits will always be made with advance registration.

3.4 Basic file for the presentation of Eols.

COMPANY CONTACT DETAILS

Company name or commercial name:	
Details of the contact person: (Name and position)	
Contact email	
Contact telephone	
Contact address:	

COMPANY CLASSIFICATION DATA AND THE PROPOSALS IT PRESENTS

Company's activity or activities:	<i>Close classification options</i>
Where appropriate, turnover in recent years in the aerospace sector	<i>2019, 2018 and 2017</i>
Where appropriate, invoicing in the UAV sub-segment	
Where appropriate, investment in recent years in R&D&I	<i>2019, 2018 and 2017</i>
Role in which it presents proposals to these market consultations	<input type="checkbox"/> Role 1: Technology development company <input type="checkbox"/> Role 2: Companies that use solutions for the private sector <input type="checkbox"/> Role 3: Company in the industrialization phase <input type="checkbox"/> Role 4: Collaborating organization or

	institution
Type of proposals presented	<input type="checkbox"/> Platforms <input type="checkbox"/> Systems and instrumentation <input type="checkbox"/> Solutions for the public sector <input type="checkbox"/> Solutions for the private sector <input type="checkbox"/> Infrastructures <input type="checkbox"/> Industrial investments <input type="checkbox"/> Institutional collaboration

List of proposals of which it presents a more detailed description

- [Proposal 1]
- [Proposal 2]

QUESTIONS FOR THE STRATEGIC DEFINITION OF THE SECOND PROGRAMMING PERIOD

Does your company have an R&D Investment Plan for the next five years related to unmanned vehicles? Could you specify the main lines of the Plan?

Insert Answer

Which of the instruments described in section 1.3 do you think could be best adapted to your needs?

Insert Answer

In the case of participating in the Civil UAVs Initiative between 2021 and 2025, would your organization be willing to co-finance programmes or projects together with the Xunta de Galicia?

Insert Answer

3.5 Detailed description of each proposal

The Basic File must be accompanied by separate documents from the participants with a detailed description of each proposal they submit. Each participant may submit as many proposals as they consider appropriate.

Each Detailed Description will be a separate document, which must not be more than 5 pages long, written in Arial 11 pt, with single spacing. Any additional information may be provided by means of links inserted in the document.

Each Detailed Description must contain the following points:

1. Identification table:

Company name or name of the proposing entity:	
Name of the proposal:	
Role of the proposing entity.	<input type="checkbox"/> Role 1: Technology development company <input type="checkbox"/> Role 2: Companies that use solutions for the private sector <input type="checkbox"/> Role 3: Company in the industrialization phase <input type="checkbox"/> Role 4: Collaborating organization or institution
Classification of the proposal:	<input type="checkbox"/> Platforms <input type="checkbox"/> Systems and instrumentation <input type="checkbox"/> Solutions for the public sector <input type="checkbox"/> Solutions for the private sector

	<input type="checkbox"/> Infrastructures. <input type="checkbox"/> Industrial investments <input type="checkbox"/> Institutional collaboration
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2. **Description of the proposal**

3. **Initial situation status:**

4. **Capacities of the proposing company or companies**

5. **Which instrument(s) would be relevant to the proposal?**

3.6 Planned timetable

The schedule that the Galician Agency for Innovation is currently considering for the launch of the second programming period is as follows:

30 June 2020	Publication of the RFI
4 September 2020	Deadline for sending Expressions of Interest
October 2020	Approval of the strategic definition 2021-2025
November 2020	Presentation of the Early Demand Map

ANNEXES

ANNEX 1: ROZAS AIRFIELD AND CIAR

ANNEX 2: ROZAS INDUSTRIAL PARK

ANNEX 3: LIST OF PROJECTS FINANCED UNDER THE CIVIL UAVS INITIATIVE PROGRAMMES