



Call for Expression of Interest

IN ORBIT DEMONSTRATION/VALIDATION EXPERIMENTS NEEDING AGGREGATION



PROGRAMME OF THE
EUROPEAN UNION

implemented by



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CALL FOR EXPRESSION OF INTEREST

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0. Introduction

This is a call for Expression of Interest to gather feasible experiments that could be considered for IOD/IOV actions under the **Horizon Europe R&I Programme**.

The regulatory framework for this EU Funding Programme is set out in:

- Regulation 2018/1046 ([EU Financial Regulation](#))
- the basic act Regulation (EU) 2021/695 establishing Horizon Europe – the Framework Programme for Research and Innovation Horizon Europe

The call is launched in accordance with the 2023 – 2024 Work Programme¹ and will be managed by **European Commission, Directorate-General for Defence Industry and Space (DG DEFIS)**.

These documents provide clarifications and answers to questions you may have when preparing your application:

- the Call Document (Expression of Interest) outlines the:
 - background, objectives, activities that can be funded and the expected results (sections 1 and 2)
 - timetable and deadline (section 3)
 - admissibility and eligibility conditions (including mandatory documents; sections 4 and 5)
 - exclusion (section 6)
 - analysis and selection process (section 7)
 - criteria (section 8)
 - constraint and requirements (section 9)
 - legal effects of the call (section 10)
 - how to submit an application, help and data protection (sections 11, 12, 13)
 - important information (section 14)

1. Background

One of the main objectives of the Space strategy for Europe is to foster a globally competitive and innovative European space sector in particular by improving support to technological maturation, for sub-systems, equipment and technologies, including in-orbit demonstration and validation activities, to reduce time to market.

To ensure EU non-dependence and competitiveness in technologies, there is a clear need for a regular, sustainable, cost-effective and responsive In Orbit Demonstration/Validation (IOD/IOV) service in the EU. Space flight heritage in real conditions and environment is often required to de-risk innovations such as new technologies, products, concepts, architectures, and operations techniques are they for unique or recurrent, institutional or commercial missions.

¹ European Commission Decision C(2022)7550 of 6 December 2022 concerning the adoption of the Work Programme 2023 – 2024 7. Digital, Industry and Space.

Although flight opportunities do exist, these are often difficult to find ad hoc at affordable cost and/or in the required timeframe.

For this purpose, a set of activities to provide IOD/IOV services were introduced in the Horizon 2020 programme for Research and Innovation. These activities are continued also under the successor programme for Research and Innovation, Horizon Europe² that covers all necessary tasks to prepare, provide and operate spacecraft(s), together with the related ground segment, which accommodates the selected IOD/IOV experiments.

The main challenge of the overall IOD/IOV activities is to provide a regular and cost-effective solution for common flight ticket actions (management, spacecraft design, including reuse of existing solutions, assembly, integration and tests, launch and operations), based on EU solutions both for the spacecraft (i.e. platform, experiments accommodation, operations in orbit including preparation) and associated Ground Segment and for the launch services.

The activities foreseen in the Horizon Europe In-orbit demonstration/ Validation (IOD/IOV) service include:

- System studies, at ground and space level, including the compatibility with the available launchers;
- Input to the launch mission analysis performed by the launch service provider;
- Selection, assembly, integration and testing of the spacecraft(s) and related ground segment;
- Management of interfaces with and between the different IOD/IOV experiments, between the spacecraft and the launcher and between the spacecraft and the ground segment;
- Preparation of the spacecraft(s) for the flight;
- In-orbit testing and operations including data provision.

Launch services will be implemented through the COM/ESA Flight Ticket Initiative, therefore using launch solutions from the following European Launch Service Providers:

- Arianespace SAS (FR)
- Isar Aerospace Technologies SE (DE)
- Orbital Express Launch Ltd. (UK)
- Payload Aerospace S.L. (ES)
- Rocket Factory Augsburg AG (DE)

In line with Horizon Europe, the European Commission entrusts the European Space Agency (ESA) with the execution of IOD/IOV activities that include:

- i. Participate in the pre-selection of IOD/IOV experiments;
- ii. Interface with IOD/IOV experiments' providers;
- iii. Implement the IOD/IOV Projects for IOD/IOV experiments needing aggregation;

² Horizon Europe Work Programme 2021-2022, 7. Digital, Industry and Space (European Commission Decision C(2021)7804 of 28 October 2021), and Horizon Europe Work Programme 2023 – 2024, (European Commission Decision C(2022)7550 of 6 December 2022).

- iv. Procure and manage launch services for IOD/IOV Projects;
- v. Perform system engineering.

2. Objectives

The purpose of this Call for Expression of Interest is to gather feasible experiments, which could be considered for IOD/IOV actions.

IOD/IOV experiments are defined as innovative technologies, products, concepts, architectures, and operations techniques that require in orbit demonstration/validation. Experiments may be instrument, equipment, technologies, system experiment, missions, payloads, etc. Experiments will be aggregated on a Spacecraft (dedicated or rideshare).

Only experiments which have reached a sufficient maturity level equal to TRL 5/6 will be considered to proceed as IOD/IOV experiments with a view to reach TRL 7 (system prototype demonstration in space environment). It shall be noted that experiments will have to bear the costs of their own development up to and including the flight models.

Experiments will be self-standing with direct mechanical, thermal, electrical and data interfaces with the IOD/IOV spacecraft. Direct interfaces mean that the development of a dedicated space unit managing each proposed experiment is not required.

After IOD/IOV project definition and implementation with the selected experiments, the launch services will be provided as soon as possible, based on launcher availability.

3. Timetable and deadlines

Timetable and deadlines	
Call opening:	31 March 2023
Deadline for registration of interest to apply:	one month prior to the relevant cut-off date
Call deadline	<u>15 March 2026 – 18:00 CET (Brussels)</u>
<u>Cut-off dates for application:</u>	<ol style="list-style-type: none"> 1. 31 May 2023, 18:00 (CET); 2. 15 March 2024, 18:00 (CET); 3. 2 September 2024, 18:00 (CET); 4. 15 March 2025, 18:00 (CET); 5. 1 September 2025, 18:00 (CET); 6. 15 March 2026, 18:00 (CET).
Evaluation:	2 – 4 months after cut-off date
Information on evaluation results:	4 – 6 months after cut off date

For organisation purposes, applicants are kindly invited to register by email to DEFIS-IOD-IOV@ec.europa.eu their intention to apply no later than one month prior to the relevant cut-off date. The registration of interest does not entail any obligation to participate.

4. Admissibility and documents

Applications must be submitted before the applicable **call cut-off date** (*see timetable section 3*).

Applications shall be sent to DEFIS-IOD-IOV@ec.europa.eu with "**Call for Expression of Interest – IOD/IOV experiments**" in the subject line, together with the completed annexed forms.

Applications must be **complete** and contain all the requested information and all required annexes and supporting documents:

- Part I – Application and compliance matrix;
- Part II – Commitment on Flight Model delivery;
- Part III – Declaration of honour on exclusion criteria and absence of conflict of interest;
- Part IV – Legal Entity form;

Your application must be **readable, accessible, printable**.

Applications are limited to maximum **30 pages** (Part I). Members of the jury will not consider any additional pages.

5. Eligibility

Eligible participants (eligible countries)

In order to be eligible, the applicants must:

- be legal entities (natural persons, public or private bodies³)
- be established in one of the eligible countries, i.e.:
 - EU Member States (including overseas countries and territories (OCTs))
 - countries associated to the Horizon Europe Programme⁴ or countries which are in ongoing negotiations for an association agreement

Specific cases

Countries currently negotiating association agreements – Applicants from countries with ongoing negotiations (*see above*) may participate in the call and be considered for IOD/IOV actions if the negotiations are concluded before the end of the pre-selection process.

EU restrictive measures – Special rules apply for certain entities (*e.g. entities subject to [EU restrictive measures](#) under Article 29 of the Treaty on the European Union (TEU) and Article 215 of the Treaty on the Functioning of the EU (TFEU)*⁵ and entities covered by

³ For the legal definition, see Article 156 EU Financial Regulation [2018/1046](#).

⁴ https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/list-3rd-country-participation-horizon-euratom_en.pdf

⁵ Please note that the EU Official Journal contains the official list and, in case of conflict, its content prevails over that of the [EU Sanctions Map](#).

Commission Guidelines No [2013/C 205/05](#)⁶). Such entities are not eligible to participate in any capacity.

6. Exclusion

Applicants which are subject to an **EU exclusion decision** or in one of the following **exclusion situations** that bar them from receiving EU support shall be excluded from participating⁷:

- bankruptcy, winding up, affairs administered by the courts, arrangement with creditors, suspended business activities or other similar procedures (including procedures for persons with unlimited liability for the applicant's debts)
- in breach of social security or tax obligations (including if done by persons with unlimited liability for the applicant's debts)
- guilty of grave professional misconduct⁸ (including if done by persons having powers of representation, decision-making or control, beneficial owners or persons who are essential for the implementation of the call for Expression of Interest)
- committed fraud, corruption, links to a criminal organisation, money laundering, terrorism-related crimes (including terrorism financing), child labour or human trafficking (including if done by persons having powers of representation, decision-making or control, beneficial owners or persons who are essential for the implementation of the call for Expression of Interest)
- shown significant deficiencies in complying with main obligations under an EU procurement contract, grant agreement, call for Expression of Interest, expert contract, or similar (including if done by persons having powers of representation, decision-making or control, beneficial owners or persons who are essential for the implementation of the call for Expression of Interest)
- guilty of irregularities within the meaning of Article 1(2) of Regulation No [2988/95](#) (including if done by persons having powers of representation, decision-making or control, beneficial owners or persons who are essential for the implementation of the call for Expression of Interest)
- created under a different jurisdiction with the intent to circumvent fiscal, social or other legal obligations in the country of origin or created another entity with this purpose (including if done by persons having powers of representation, decision-making or control, beneficial owners or persons who are essential for the implementation of the call for Expression of Interest).

Applicants will be refused if it turns out that during the application process they misrepresented information required as a condition for participating or failed to supply that information.

The objective of the exclusion criteria is to assess whether the applicant is in any of the exclusion situations listed in Article 136(1) of the Financial Regulation.

Applicants found to be in an exclusion situation will be rejected.

⁶ Commission guidelines No [2013/C 205/05](#) on the eligibility of Israeli entities and their activities in the territories occupied by Israel since June 1967 for grants, prizes and financial instruments funded by the EU from 2014 onwards (OJEU C 205 of 19.07.2013, pp. 9-11).

⁷ See Articles 136 and 141 EU Financial Regulation [2018/1046](#).

⁸ Professional misconduct includes: violation of ethical standards of the profession, wrongful conduct with impact on professional credibility, false declarations/misrepresentation of information, participation in a cartel or other agreement distorting competition, violation of IPR, attempting to influence decision-making processes or obtain confidential information from public authorities to gain advantage.

As evidence of non-exclusion, each applicant needs to submit with its application a Declaration on Honour in the model available in Part III. The declaration must be signed by an authorised representative of the entity.

The initial verification of non-exclusion of applicants will be done on the basis of the submitted declarations and consultation of the [European Union's Early Detection and Exclusion System](#).

You may be asked at a later stage for further supporting documents on non exclusion.

7. Analysis and selection process

Analysis of received applications

All applications will be subject to an analysis by a **jury** of independent experts and ESA experts.

The jury will analyse each application against the criteria as per Chapter 8.

All participants will be informed about the outcome of their application (**analysis summary letter**). Successful applications will be retained for the next steps; the not successful ones will be rejected.

If you believe that the analysis procedure was flawed, you can submit a **complaint** (following the deadlines and procedures set out in the **analysis summary letter**).

Pre-selection

Applications that meet the threshold for each criterion will go through a pre-selection process.

IOD/IOV experiments will be given priority based on:

1. Experiment developed or funded in the frame of Union and/or ESA initiatives;
2. Applications that received the highest overall score, in case of ex-æquo, experiments that received a higher score on the innovation criterion will be given priority.

IOD/IOV experiments needing aggregation will undergo an accommodation analysis with a view to allocating the highest number of experiments to IOD/IOV mission(s).

Considering available resources, a list of pre-selected IOD/IOV experiments will be established.

Experiment selection

After the System Design Review (SDR) that will validate the feasibility of the relevant IOD/IOV mission or equivalent assessment the European Commission will confirm the final selection. The requirements of each pre-selected IOD/IOV experiments will be reviewed and may be adjusted up to the time of the SDR or equivalent assessment to ensure compatibility at system level with the spacecraft.

8. Criteria

If admissible and eligible, the applications will be analysed and ranked against the following **criteria**:

- **Criterion 1:** Technical fit
- **Criterion 2:** Programmatic fit
- **Criterion 3:** Innovation

Criteria	Minimum pass score	Maximum score
<p>Technical fit</p> <p>Demonstration of acceptable technology readiness level for actions to be considered for the IOD/IOV service (required TRL 5/6);</p> <p>Substantiation of compatibility and complexity of the experiment needing aggregation in terms of interfaces and resources (e.g. Self-standing experiments, simple mechanical/thermal/electrical/data, interfaces with the host spacecraft, mass, volume, etc.).</p>	25	40
<p>Programmatic fit</p> <p>Justification of the in-orbit demonstration and validation need of the mission.</p> <p>Justification of programmatic elements (e.g. risks, planning, funding, development plan, etc.) and compliance with overall planning for flight model delivery.</p>	25	40
<p>Innovation</p> <p>Demonstration of the innovation content and potential.</p> <p>Justification of policy relevance with EU/ESA activities.</p>	10	20
Overall (pass) scores	60	100

Applications must pass both the individual thresholds AND the overall threshold.

9. Constraints and Requirements

Experiments shall comply with the following constraints and requirements:

- a) At the time of application, have reached a minimum TRL 5/6 (component, system/subsystem, prototype demonstration in ground environment).
- b) The candidate experiment providers are expected to perform all Product Assurance (PA) activities (including Configuration Management, Quality Assurance, Safety, EEE Components, Materials, Mechanical Parts and Software Product Assurance), according to plans drawn up by the provider, during all phases of the project to ensure that the experiment will perform its functions as intended with a high probability of success.

- c) Besides the delivery of the flight model, the experiment provider will support, for its experiment(s), the integration and testing on the spacecraft and as required with engineering analysis, engineering models and adaptations to interface requirements.
- d) In order to establish the full Technical Dossier (description and interfaces requirements) of the experiment, the experiment provider shall engage a dialogue with ESA at the request of the Commission.

At the project implementation stage, Interface Document(s) including all technical and programmatic interfaces will be established by the spacecraft integrator with the support of experiment(s) provider(s) and the Launch service provider and will be applicable to the experiment provider(s). Experiment (s) provider(s) and other concerned entities shall provide adequate visibility to ESA given its role to ensure the overall coherence of interfaces. The requirements of each pre-selected IOD/IOV experiments may be adjusted up to the time of the System Design Review to ensure compatibility at system level with the spacecraft.

- e) The candidate IOD/IOV experiments needing aggregation are expected to comply with resources and interfaces compatible with:
 - a. Small satellites missions;
 - b. Cubesat missions.
- f) The candidate IOD/IOV Experiments needing aggregation are expected to be compliant with solutions from European Launch Service providers listed in Chapter 1.
- g) The candidate IOD/IOV experiment providers are expected to deliver their flight model within one year following the application cut-off date;

10. Legal effects of the Call for Expression of Interest

This Call is not binding for the European Commission and does not preclude future decisions.

The European Commission may cancel the Call for Expression of Interest without applicants being entitled to claim any compensation. This decision must be substantiated and applicants notified.

11. How to submit an application

All applications must be submitted **in English** to DEFIS-IOD-IOV@ec.europa.eu with **"Call for Expression of Interest – IOD/IOV experiments"** in the subject line, together with the completed annexed forms.

The application must be submitted **before the relevant cut-off date** (see section 4). Applications received after this deadline will be considered for the subsequent cut-off date as applicable.

12. Help

Any requests for additional information must be made in writing to the Commission using the following e-mail address DEFIS-IOD-IOV@ec.europa.eu.

Additional information can be found on the IOD/IOV website ⁹.

⁹ https://defence-industry-space.ec.europa.eu/eu-space-policy/eu-space-research/orbit-demonstration-and-validation-iodiov_en

13. Data protection

If processing an application in response to this Call for Expression of Interest involves the recording and processing of personal data (such as name, address), such data will be processed pursuant to Regulation (EU) 2018/1725[1] of 23 October 2018 on the protection of natural persons with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data, and repealing Regulation (EC) No 45/2001 and Decision No 1247/2002/EC. Unless indicated otherwise, any personal data will be processed solely for the purpose of analysis under this Call for Expression of Interest by the European Commission acting as data controller. Details concerning the processing of your personal data are available in the privacy statement attached to this Call.

The applicant's personal data may be registered in the Early Detection and Exclusion System (EDES) if the applicant is in one of the situations mentioned in Article 136 FR.

14. Important



IMPORTANT

- **Joint applications** — Joint applications by a group of applicants are admitted. In this case, you must appoint a lead applicant (coordinator) to submit the application and represent you towards the awarding authority. All applicants will be jointly responsible and must all fulfil and respect the conditions set out in these Rules of Contest.
- **Resubmission** — Applications may be changed and re-submitted until the deadline for application.
- **Rejection** — By submitting the application, all applicants accept the call conditions set out in this document. Applications that do not comply with all the call conditions will be **rejected**. This applies also to applicants: All applicants need to fulfil the criteria; if any one of them doesn't, they must be replaced or the entire application will be rejected.
- **Cancellation** — The European Commission may cancel the call or decide not to retain any application — without any obligation to compensate participants. In this case, you will be informed via a call update.
- **Language** — You can submit your application in **English**.
- **Transparency** — Details on selected applicants shall be published on the website of the European Commission as soon as possible. These details include name and country of the applicant.

Part I: Application and Compliance Matrix

The application should not exceed 30 pages.

1. Name of the proposed actions

2. Applicant: Entity(ies) making the proposal and type (e.g. individual, consortium, industry, research centre, university)	
Name of organisation(s) (Experiment provider)	
Country (ies)	
Person(s) ¹⁰ responsible for implementation	
Phone(s)	
Email(s)	

3. Executive summary

4. Objective of the proposed experiment

5. Themes <i>(e.g. Earth observation, Telecommunication, Navigation, Space Science, Technology, Space environment, quantum, connectivity)</i>

6. Type of experiment <i>(e.g. instrument, equipment, technologies, system experiment, mission concepts)</i>

¹⁰ Where the application is being made by a group, one lead person should be identified.

7. Justification of the need for IOD/IOV

Explain the necessity of the flight demonstration with respect to other options on ground and/or in space.

Provide an overview of the exploitation plan following the IOD/IOV opportunity

8. Previous space application/heritage of the proposed experiment

9. Funding plan of the experiment up to flight model delivery and associated tasks

Detailed description of the experiment funding plan in terms of:

- *funding for development, including amount, date of availability of funds and remaining conditional clauses, if any, for the obtaining of these funds,*
- *risk margin for, inter alia, potential additional qualification requirement or interfaces definitions required by the spacecraft, funding party(ies) demonstrated by letter(s) of intent)*

10. Detailed development plan

Describe the development plan, activities and related schedule from the current status up to flight model delivery including:

- *Plan to raise the TRL and justification of the initial TRL,*
- *Remaining development activities,*
- *Model philosophy,*
- *Design,*
- *Models definition and manufacturing (Engineering Model, etc.),*
- *Tests and qualification status up to flight readiness (Manufacturing Assembly Integration Testing/ Validation plan).*

An associated risk log should be included if any significant risk still remains with the development and schedule.

11. Policy relevance

Describe the relevance of the proposed IOD/IOV mission with respect to EU/ ESA activities

12. Complementarity

Describe how your Experiment is complementary to other existing/ planned actions within EU, ESA, EU Member States/ associated countries or industry and consistent with Union and ESA technology programs and trends.

13. Detailed description of the experiment and justified compliance with interface

Interface control documents and budgets (mechanical, electrical, data, thermal) as input to the spacecraft requirements

Please note that values provided for each experiment in the proposals are considered as values with margins, i.e. no additional margin is allocated.

a. Technical presentation of the IOD/IOV experiment

Present the technical specifications, components, sources of supply.

b. Preliminary engineering drawings of the experiment

Provide the preliminary engineering drawing of the experiment;

Indicate the required volume including all appendages, baffles etc.

As a guideline,:

- *Small satellites in the range of 150 kg have a typical volume of around $\frac{1}{2} m^3$ with half of the volume available for the total payload to be shared between the Experiments.*
- *Cubesat missions with a volume of 3U or 6U format.*

c. Functional description of the experiment

The platform shall only be required to provide simple command & control & telemetry interfaces and the Experiment ensure autonomous functionalities.

d. Total mass of the experiment; mass breakdown, margins

Provide the overall mass of the experiment including possible appendages, brackets, thermal hardware etc.

As a guideline:

- *Small satellites in the range of 150 kg: typical mass allocated to the payload for small spacecraft is in the range of 70 kg to be shared between the experiments*
- *Cubesat missions with a volume of 3U or 6U format: typical mass for cubesat missions is limited to a few kg.*

e. Field of view (if applicable)

Provide viewing direction, external surface and unobstructed field of view required by the experiment.

f. Experiment Pointing and alignment requirements (if applicable)

Specify experiment requirements such as pointing accuracy possibly detailed in terms of absolute/relative and performance/knowledge errors including stability requirements (e.g. thermo-elastic) and compatible with currently available small sat and cubesat platform.

g. Experiment Mechanical Interfaces

Indicate current qualification mechanical environment. As the Experiment will be launched using European launch service providers listed in Chapter 1, it shall be compliant with the related mechanical environment. Typical domain can be obtained from the launcher user manuals.

h. Thermal Interfaces

Describe thermal interface of the experiment with the platform. The experiment shall preferably be thermally decoupled from the platform and have a typical operational range of -10C to +50C.

i. Electrical interfaces: average and peak power consumption for each mode of operation. Time profile.

Provide the power required by the experiment in the various modes and the average power requirement.

For small sat Experiment, typical average power available to the complete payload (including all Experiment's) is in the order of 50 W with a typical peak power up to 30 W per experiment can be provided. The power duty cycle for the Experiment will be

determined depending on the overall demand. The power will be provided by one switched power line and should be considered non regulated (battery regulated bus). Details specification of the power interface will be provided at spacecraft selection.

For cubesat Experiment this is reduced to few W.

j. Interface with data handling. Bit rates of the experiment for different modes of operation, time profile, time reference/synchronisation required, etc.

The Experiment will be interfaced with the avionics of the spacecraft with data links. One link will be used for the commanding and housekeeping of the Experiment (typical data bus for small satellite platform or cubesat standard interface) and if required one high bit rate link will be provided for data collection with a maximum typical data rate of 100 Mb/s. Using these links the Experiment will have access to a minimum of TBD Gbit for data storage. Details specification of the interfaces will be provided at spacecraft selection. Data will be dumped to a primary ground station at TBD location.

Note: other specific interface should be generated by the experiment itself (self-standing experiment) as it cannot be guaranteed to be provided by the spacecraft.

k. Exploitation plan

Describe the exploitation of the in orbit data stemming from the experiment and identify any specific ancillary data requirements.

l. Operations scenario and mission phases

Provide description of the experiment operational scenario, modes of operations

m. Additional environment requirements

Describe any requirement beyond the following typical environment:

- *Contamination and cleanliness requirements (standard ISO 8)*
- *Experiment magnetic cleanliness < 0.5 Am²*

14. Mission needs

Describe:

- *the preferred orbit(s), typical orbits can be found on the European launchers user manuals,*
- *mission constraints,*
- *mission duration,*
- *induced constraints on the spacecraft and other payloads,*
- *other specific needs as applicable*

15. Innovation

Describe the innovative character of the proposed experiment in terms of:

- *European technology non-dependence, and*
- *Industrial competitiveness and related commercial market (business case following IOD/IOV opportunity), or*
- *Scientific breakthrough and related scientific application and/or exploitation.*

16. Please use this space to provide any other comments or additional information.

17. Compliance matrix

Please provide a declaration of compliance to the constraints and requirements listed in §9 (Constraints and Requirements) of this document. Please provide rationale in case of partial and non-compliance.

18. Signature of organisation/partnership representatives:
<p>The signature certifies that the provided data result from the entity's commitments. In addition, the entity engages itself to inform immediately the Commission (by email to DEFIS-IOD-IOV@ec.europa.eu if any changes occur.</p> <p>At any stage of the experiment development, the entity may be requested to provide additional information to the Commission if necessary.</p>
Name
Position
Date

Part II: Commitment on Flight Model delivery

The undersigned,, in my capacity as..... confirm the availability of the funding required for the Flight Model development and delivery within one year following this application for the In orbit Demonstration/ Validation (IOD/IOV) experiment.....

I acknowledge that failure to comply with the timely delivery of the Flight Model, as indicated in the planning, may result in an exclusion of the IOD/IOV experiment from this initiative.

Date

Place

Signature

Part III: Declaration of honour on exclusion criteria and absence of conflict of interest

(To be filled out by the applicant and signed by its legal representative.)

I, the undersigned:

for natural persons: in my own name

or

for legal persons¹¹: representing the following entity:

[insert full official name]

[insert full official address]

[insert VAT registration number]

hereby confirm

that (subject to the additional declarations below):

- 1 — The **information** provided for action [insert project number] — [acronym] is **correct** and **complete**.
- 2 — The information concerning the legal status in the [Participant Register](#) for me/my organisation is correct and complete.
- 3 — I/my organisation commit to comply¹² with the **eligibility** criteria and all other conditions set out in the call conditions — for the entire duration of the action.
- 4 — I/my organisation:
 - are committed to participate in the action
 - have stable and sufficient sources of funding to maintain the activities throughout the action and to provide any counterpart funding necessary
 - have or will have the necessary resources needed to implement the action
 - acknowledge to be fully responsible for my affiliated entities which participate in the action
 - for actions involving EU classified information (EUCI): acknowledge that any sensitive information or material that qualifies as EU classified

¹¹ This includes 'entities without legal personality' under Article 197(2) of Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council of 18 July 2018 on the financial rules applicable to the general budget of the Union, amending Regulations (EU) No 1296/2013, (EU) No 1301/2013, (EU) No 1303/2013, (EU) No 1304/2013, (EU) No 1309/2013, (EU) No 1316/2013, (EU) No 223/2014, (EU) No 283/2014, and Decision No 541/2014/EU and repealing Regulation (EU, Euratom) No 966/2012 ('[EU Financial Regulation](#)') (OJ L 193, 30.7.2018, p. 1).

¹² 'Commit to comply' means complying now and for the duration of the grant.

information under Commission Decision [2015/444](#)¹³ must be handled in accordance with specific rules and follow the instructions given by the EU

5 — For applicants from non-EU countries: I/my organisation

- undertake to comply with the obligations under the agreement and to:
 - respect general principles (including fundamental rights, values and ethical principles, environmental and labour standards, rules on classified information, intellectual property rights, visibility of funding and protection of personal data)

6 — I/my organisation:

- are NOT subject to an **administrative sanction** (i.e. exclusion or financial penalty decision)¹⁴

I/my organisation (or persons with unlimited liability for debts):

- are NOT in one of the following **exclusion situations**¹⁵:
 - **bankrupt**, being wound up, having the affairs administered by the courts, entered into an arrangement with creditors, suspended business activities or subject to any other similar proceedings or procedures
 - in breach of **social security** or **tax** obligations

I/my organisation (or persons having powers of representation, decision-making or control, beneficial owners or persons who are essential for the award/implementation of the action):

- are NOT in one of the following **exclusion situations**¹⁶:
 - guilty of grave professional **misconduct**¹⁷
 - committed fraud, corruption, links to a **criminal** organisation, money laundering, terrorism-related crimes (including terrorism financing), child labour or human trafficking
 - shown significant deficiencies in complying with main obligations under an **EU procurement contract**, grant agreement, prize, expert contract, or similar
 - guilty of **irregularities** within the meaning of Article 1(2) of Regulation No 2988/95

¹³ See Commission Decision 2015/544/EU, Euratom of 13 March 2015 on the security rules for protecting EU classified information (OJ L 72, 17.3.2015, p. 53).

¹⁴ See Article 136 [EU Financial Regulation](#).

¹⁵ See Articles 136 and 141 [EU Financial Regulation](#).

¹⁶ See Articles 136 and 141 [EU Financial Regulation](#).

¹⁷ Professional misconduct includes: violation of ethical standards of the profession, wrongful conduct with impact on professional credibility, false declarations/misrepresentation of information, participation in a cartel or other agreement distorting competition, violation of IPR, attempting to influence decision-making processes or obtain confidential information from public authorities to gain an advantage.

- created under a different jurisdiction with the intent to circumvent fiscal, social or other legal obligations in the country of origin (including creation of another entity with this purpose).
- 7 – I/my organisation are NOT subject to a **conflict of interest** in connection with this Call and will notify – without delay – any situation which could give rise to a conflict of interests.
- 8 – I/my organisation have NOT and will NOT, neither directly nor indirectly, grant, seek, obtain or accept any advantage in connection with this Call that would constitute an illegal practice or involve **corruption**.
- 9 – I/my organisation have **not received** any **other EU grant** for the same purpose and will give notice of any future EU grants related to this action AND of any EU operating grant(s)¹⁸ given to my organisation.
- 10 – I/my organisation are aware that **false declarations** may lead to rejection, suspension, termination of the action.

SIGNATURE

For the applicant

[function/forename/surname]

[electronic signature]

Done in [English] on [electronic time stamp]

¹⁸ See Article 180 [EU Financial Regulation](#).

Part IV – Legal Entity form

Please download relevant forms:

https://ec.europa.eu/info/publications/legal-entities_en

