



# Boost!

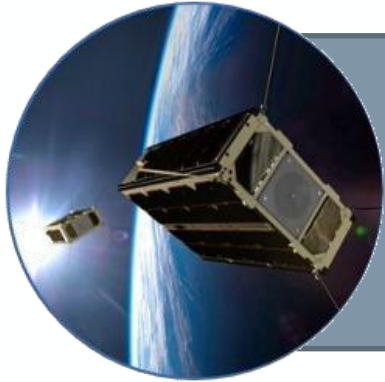
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## Flight Ticket Initiative

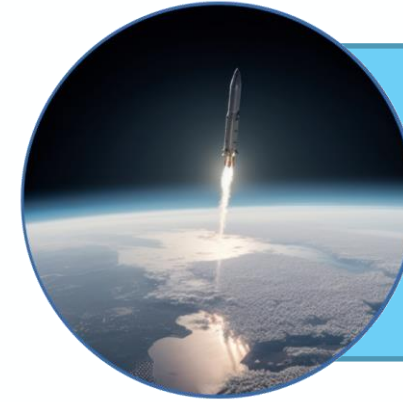
THE 1<sup>ST</sup> SPACE TRANSPORTATION ECOSYSTEM CONFERENCE IN GERMANY

Dr. Thilo Kranz - ESA

27 JUNE 2024 | MUNICH

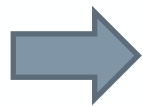


Providing recurrent & affordable European launch services for ready-to-fly IOD/IOV satellites



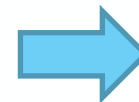
Supporting the early commercialisation of new European launch vehicles

## For IOD/IOV satellite operators



**Call for expression of interest open**

Submit your ready-to-fly IOD/IOV satellite and participate in the European Flight Ticket Initiative!



## For Launch Service Providers

**Recurring Invitations to Tender for Launch Services**

Submit your offer to launch a ready-to-fly IOD/IOV satellite and participate in the European Flight Ticket Initiative!



**European flight ticket initiative is a cooperation between ESA and the European Union**

# Flight Ticket Initiative – Eligible Launch Services

**Five European Launch Service Providers** were selected in a competitive tendering process in early 2024

The selected Launch Service Providers have signed **Flight Ticket Frame Contracts** with ESA

Launch Services for IOD/IOV missions are **available as from 2025**

## European IOD/IOV Launch Services



# Flight Ticket Initiative – How does it work?



## STEP 1 - For IOD/IOV satellite operators

Do you plan an IOD/IOV mission with a satellite that is ready to fly?

⇒ **Apply for a Flight Ticket !**

Enter your application by submitting your proposal to the **Call for Expression of Interest** ([link](#))

The Calls is open until **15<sup>th</sup> March 2026** with cut-off dates on:

- *May 31<sup>st</sup> 2023, 18:00 (CET); - Closed*
- *March 15<sup>th</sup> 2024, 18:00 (CET); - Closed*
- September 2<sup>nd</sup> 2024, 18:00 (CET);
- March 15<sup>th</sup> 2025, 18:00 (CET);
- September 1<sup>st</sup> 2025, 18:00 (CET);
- March 15<sup>th</sup> 2026, 18:00 (CET).

Note that you can also submit a proposal for an IOD/IOV Experiment needing aggregation

The screenshot shows the European Commission website for the 'Defence Industry and Space' section. The page is titled 'In Orbit Demonstration/Validation - 2023/2026' and is a 'CALL FOR PROPOSALS | Open'. It features a 'Details' section with the following information:

Status	OPEN
Publication date	31 March 2023
Opening date	31 March 2023
Deadline model	Multiple cut-off
Deadline date	15 March 2026, 18:00 (CET)

The 'Description' section states: 'Two parallel Calls for Expression of Interest are open to gather experiments that could be considered for IOD/IOV actions that cover aggregation, if needed, launch services and operations. Application is open for:'

1. IOD/IOV Experiments needing aggregation;
2. Ready to Fly IOD/IOV satellites.

Below the description, there is a section for 'Application documents for Ready to Fly IOD/IOV satellites:' which includes a download link for a PDF document titled 'Call for read to fly IOD IOV satellites' (822.04 KB - PDF).



## STEP 1 - For IOD/IOV satellite operators

What is your benefit to apply?

⇒ **Get to fly your IOD/IOV satellite at very favourable conditions !**

Through the Flight Ticket Initiative, ESA and the European Commission are co-funding the launch service price for the IOD/IOV ready to fly satellites selected!

The IOD/IOV satellites operator is expected to contribute as follows to the launch service:

Contribution from IOD/IOV satellite provider to standard launch service price										
1U	2U	3U	6U	12U	16U	50kg	100kg	150kg	200kg	>200kg
15k€	30k€	35k€	70k€	90k€	100k€	110k€	220k€	310k€	400k€	2k€ per kg

Note that in case the candidate ready-to-fly IOD/IOV satellite provider is a university or a research institute without further commercial interest, EU/ESA funding for launch services may rise to 100%

## STEP 2 – For Launch Service Providers

Are you looking to launch IOD/IOV missions with a satellite that is ready to fly?

⇒ **Submit your proposal !**

If you are an eligible Launch Service Provider under the Flight Ticket Initiative, please respond to the recurring competitive Invitations to Tender (ITT) posted by ESA

Successful bidders will be selected by ESA

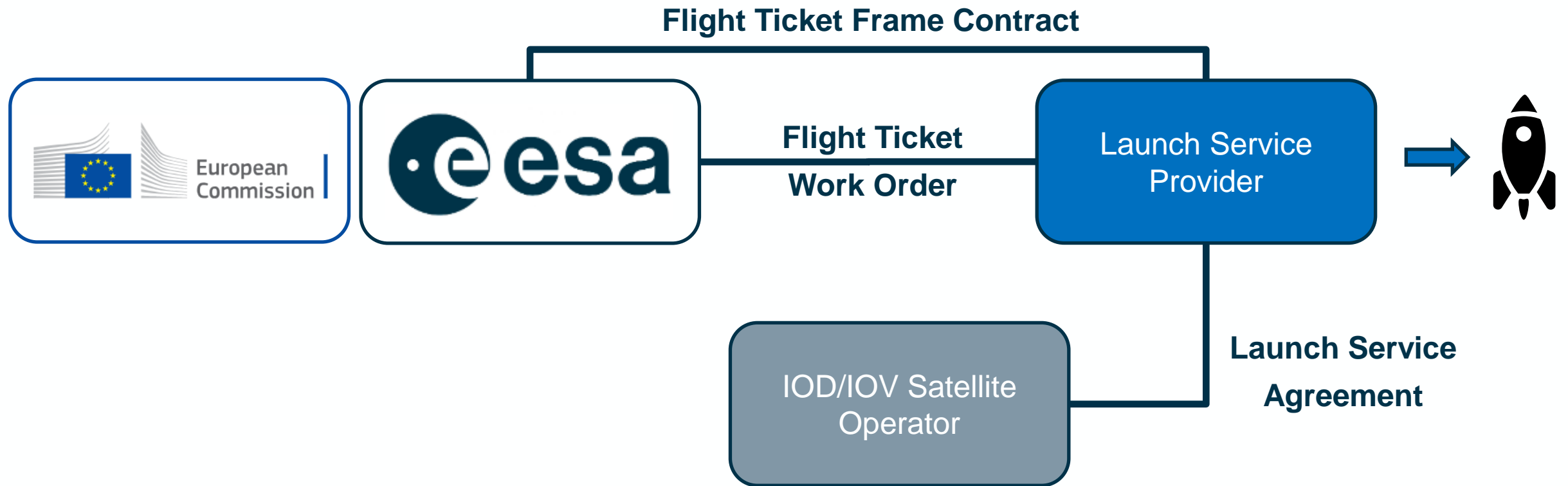
The Invitations to Tender follow the sequence of the IOD/IOV Satellite cutoff dates by ca. 4 - 6 months

The next **Invitation to Tender is planned for this summer**

Stay tuned!

The screenshot shows a news article on the ESA website. The header includes the ESA logo and navigation icons. The article is categorized under 'ENABLING & SUPPORT'. The main headline is 'European Flight Ticket Initiative now open to launch service providers'. Below the headline, it shows the date '23/10/2023', '1517 VIEWS', and '6 LIKES'. The breadcrumb trail is 'ESA / Enabling & Support / Space Transportation / Future space transportation'. The article text begins with 'Today, the European Commission and the European Space Agency are calling on established and aspiring European launch service providers to apply to join the European Flight Ticket Initiative. The objective of the Flight Ticket initiative is to stimulate new European launch systems through open competition starting with In-orbit Demonstration and Validation (IOD/IOV) needs.'

## STEP 3 – Contractual Agreement Setup



# Boost! – The Programme at your Fingertips



The Boost! Programme featured on ESA's web portal:

[www.esa.int/boost](http://www.esa.int/boost)

The Call for Expression of Interest: ([link](#))

Watch out for Flight Ticket Launch Service ITTs: [esa-star Publication](#)

Your contact to the Boost! team: [boost@esa.int](mailto:boost@esa.int)

The screenshot shows a news article on the ESA website. The article title is "First contracts signed in ESA-EU Flight Ticket Initiative". It is dated 22/05/2024 and has 1075 views and 6 likes. The article is categorized under "ENABLING & SUPPORT". The text of the article states that the first five contracts have been signed with European companies as part of the Flight Ticket Initiative, which is organized by ESA and the European Commission to help companies demonstrate or validate services and technologies on board satellites. The article also mentions that the Flight Ticket Initiative provides co-funding of launch opportunities to European companies and organizations to fly their services and test new satellite technologies. The first signatures are with Arianespace, Isar Aerospace, PLD Space, Orbex and Rocket Factory Augsburg. The article concludes that European launch services providers will be able to compete for specific work orders up to a ceiling of €5 million each for identified launch service needs.

22/05/2024 1075 VIEWS 6 LIKES

ESA / Enabling & Support / Space Transportation / Boost!

The first five contracts have been signed with European companies as part of the Flight Ticket Initiative organised by ESA and the European Commission – helping companies demonstrate or validate services and technologies on board satellites that are supplied as “ready-to-fly”.

The Flight Ticket Initiative provides co-funding of launch opportunities to European companies and organisations to fly their services and test new satellite technologies in orbit.

The first signatures are with Arianespace, Isar Aerospace, PLD Space, Orbex and Rocket Factory Augsburg. These now retained

European launch services providers will be able to compete for specific work orders up to a ceiling of €5 million each for identified launch service needs.

— Flight Ticket Initiative - first contracts

