CENTRE SPATIAL GUYANAIS

Port spatial de l'Europe
Europe's Spaceport

Industrial Opportunities at Europe's Spaceport

Industry Space Days 2026 ESTEC

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→ Welcome to the CSG

Europe's Spaceport: Centre Spatial Guyanais

- The "Centre Spatial Guyanais", also known as **CSG**, is a main element of the guaranteed, independent, reliable access to space for Europe.

- It is located **very close to the equator in French Guiana**, providing advantages to facilitate launch / mission operations.

- Currently **two new ESA-developed launch vehicles** are being flown from the Spaceport: Ariane 6 and Vega-C, replacing Ariane 5 and Vega.

- While those activities related to the preparation and management of launch operations are the most visible, none of it would be possible without the **infrastructure** that supports it.

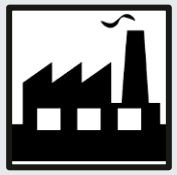
CSG Range In Numbers

The CSG covers an **area** of
690 Km²

That's 6 times the size of Paris!

Payload Preparation Facilities ("EPCU"):
9 clean rooms,
3 for propellant filling.

The **CSG Range** is **co-funded by ESA (2/3) and France (1/3)** and is **operated** by the French space agency, **CNES.**



43 Industrialists present on site

Launch Facilities
for **Ariane** and **Vega**

The **launch infrastructures (Launch Complexes and Production facilities)** for Ariane and Vega are mainly owned by ESA, maintained and **operated by Arianespace/ArianeGroup and Avio,** with the support of the **European** industry.

OPERATIONAL OPTICAL MEANS

160 fixed cameras for ground backup and satellite operations monitoring

6 fast digital infrared cameras for optical tracking of the launcher

TELECOMMUNICATIONS

16 sites connected to Kourou by redundant long-distance links, on all continents

70 sites connected by IP networks on the space base

50% of the electricity consumption for air conditioning
More than 15 M€ of electricity bill (2022)

Number of Radars on the Guyanese coast: **4**

Launchers **tracking facilities** permanently installed in **8** countries

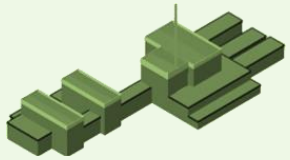
Current Capabilities on the Ground @ CSG

CSG Resolution scope

CSG (Launch) Range

CSG geographical perimeter

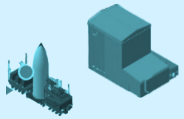
- *Safety*
- *Optics*
- *Logistics*
- *Laboratories*
- *Meteorology*
- *Power supply*
- *Transportation*
- *Air conditioning*
- *Telecommunication*
- *Tracking & Telemetry*
- *Campaigns coordination*
- *Payload Preparation*
- *Down Range stations*

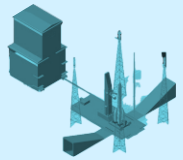


Common means enabling **all LS Operators and Manuf. activities**

Launcher Manufacturing & Testing

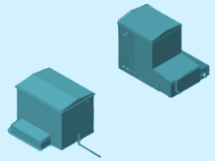
Launch Complexes

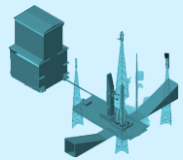




ARIANE 6
Funded by ESA

Common means (Ariane – Vega)





VEGA
Funded by ESA

Other ELM and manufacturing zones
No ESA funding

Launcher specific Hosting **Launcher Manufacturer activities**

Launcher specific Hosting **LSP activities**

Technical & Control Centre

Radars & Telemetry

Payload Preparation Facilities

Some Upcoming Opportunities (1/2)

Meteorology

- 26.CSGT.009 Meteorological Service Management [6,000k€, S1 2027]
- 22.CSGT.030 MOSAR Surface Weather Data Acquisition and Processing [800k€, S1 2027]
- 23.CSGT.029 THOR Lightning Detection System [500k€, S2 2027]
- 26.CSGT.TBD Automated Radio Sounding System [500k€, S1 2027]

Antennas

- 26.CSGT.TBD Telemetry Antennas Renewal [35,000k€,S2 2027]
- 25.CSGT.022 Bermuda Telemetry Station Renewal [1,500k€, S2 2027]
- 23.CSGT.007 Automatization of Multi Sensor Turret [5,000k€, S4 20626

Surveillance

- 23.CSGT.005 RSVP Security Video Surveillance System [5,000k€, S3 2027]
- 23.CSGT.013 CAMDEC 2 Payload Preparation Facility Surveillance Cameras [800k€, S2 2027]

Some Upcoming Opportunities (2/2)

Flexibility, Digital Transformation & Sustainability (FDS)

- 26.CSGT.004 Republished FASO work order management project [now open]
- 25.CSGT.009 Launch range service provider tool [1,000k€, S1 2027]
- 23.CSGT.008 CAIMAN2 mutualized CSG data network [now open]
- 24.CSGT.016 Smart Grid HTA network upgrading and monitoring [1,800k€, S4 2026]
- 24.CSGT.019 Smart Grid control room [500k€, S4 2026]

Air Conditioning

- 25.CSGT.003 Upgrade of the Jupiter 1 air conditioning system [1,500k€, S4 2026]
- 25.CSGT.041 Upgrade of the S3B air conditioning system [7,000k€, S4 2027]
- 25.CSGT.042 Upgrade of the S1A air conditioning system [1,500k€, S4 2026]

Global

- 24.CSGT.011 Refurbishment and improvement of S5E [500k€, S2 2027]
- 25.CSGT.038 Rehabilitation of the S3F office area [3,400k€, S1 2027]

Industrial Policy & Geo-Return: Core Principles

ESA's industrial policy is defined in its Convention and is at the heart of the Agency's functioning.

Geo-Return can be (shortly) described as follows:

1. The Agency ensures that Member States get a **fair return on their investment** (Geo-Return).
2. It invests in each Member State, through industrial contracts for programmes and activities, an amount more or less equivalent to each country's contribution,
3. To help Member States that are not achieving a satisfactory return, industrial policy measures can be implemented.

e.g. **preferential clauses,** and other special actions.

Geo-Return Requirements Implementation

3 types of CSG Preferential Clause: (1,2 & 3)

1. ESA provides the list of eligible countries as established above, geo-return requirements for the procurements for the evaluation and proposed Weighting factors for the evaluation
2. In other cases, restricted competitions will be proposed (e.g. with key acceptance factors - KAF)
3. Alternatively, to the two above mentioned cases, if commonly agreed, an open competitive approach without geo return requirements can be followed.

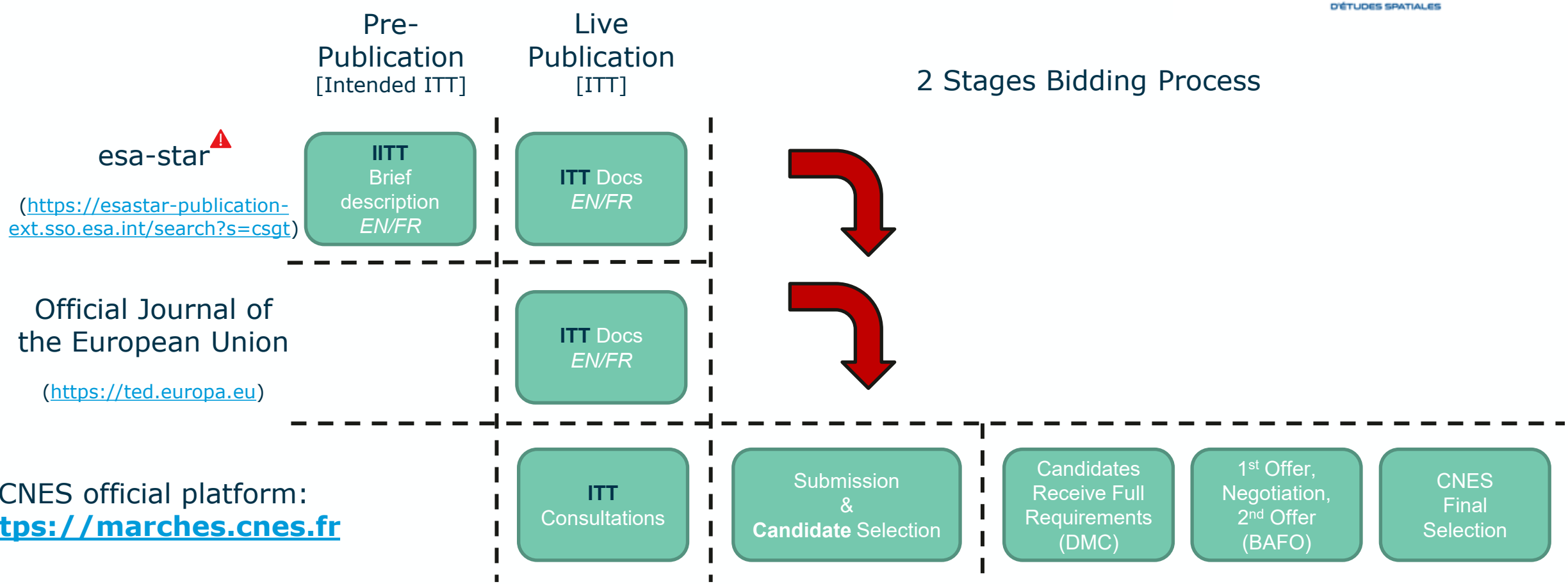
Example of Geo-Return Criteria

For the final offer ("Best And Final Offer") in the frame of this procurement, in order to comply to the geographical return requirements as key acceptance factor, the proposed industrial organisation must provide products[1] and services produced by European companies that are nationals of following ESA Member States, as detailed in the table below:

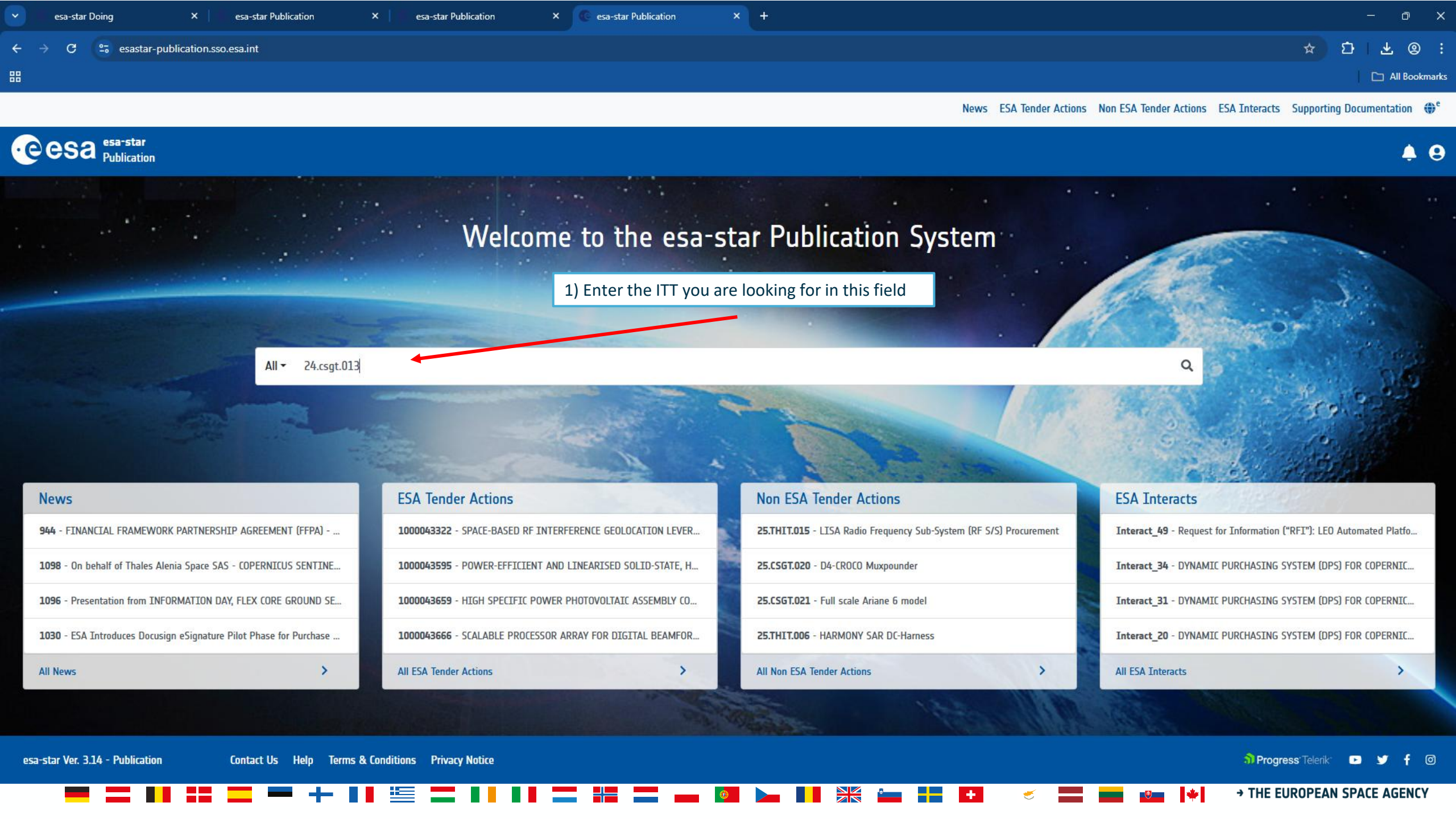
	ESA Member States	Geo-return requirements*	
		MIN [%]	MAX [%]
Group 1	Austria, Germany, Norway, Poland, the United Kingdom.	70	95
Group 2	the Czech Republic, Denmark, Estonia, Finland, Greece, Hungary, Ireland, the Netherlands, Sweden.	5	30
Group 3	Belgium, France, Italy, Luxembourg, Portugal, Romania, Spain, Switzerland.	0	25
Other non ESA		0	0

** requirements set per each group.*
*** industrialists are required to be registered on https://esastar-emr.sso.esa.int (light registration) by the end of the tendering action (for clarifications contact cornelius.zund@esa.int or enrico.possamai@esa.int).*

CNES Bidding Process



It is imperative to have light registration on esa-star. Please do this well in advance to avoid any delays.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1000043659 - HIGH SPECIFIC POWER PHOTOVOLTAIC ASSEMBLY CO...
1000043666 - SCALABLE PROCESSOR ARRAY FOR DIGITAL BEAMFOR...
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25.THIT.015 - LISA Radio Frequency Sub-System (RF S/S) Procurement
25.CSGT.020 - D4-CROCO Muxpounder
25.CSGT.021 - Full scale Ariane 6 model
25.THIT.006 - HARMONY SAR DC-Harness
All Non ESA Tender Actions
ESA Interacts
Interact_49 - Request for Information ("RFI"): LEO Automated Platfo...
Interact_34 - DYNAMIC PURCHASING SYSTEM (DPS) FOR COPERNIC...
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Intended

Renewal of maintenance and operation of the ASCENSION station (ASCENSION ISLAND)

The Guiana Space Center (CSG) plans to renew the contarct covering the exploitation and the maintenance of the ASCENSION for the benefit of launches carried out from the CSG to track the launchers, to acquire, and process the telemetry sent in real time to the CSG and in delayed time to the Toulouse Space Center. Contract over a period of 7 years (5 +1 + 1)

Non ESA Tender Action

Open Competition

Announcement Date: 07/05/2024

« « 1 » »

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Open Competition
Intended 1 new
Issued 1 updated
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Restricted Competition
Direct Negotiation

Renewal of maintenance and operation of the ASCENSION station (ASCENSION ISLAND)

24.CSGT.013

Intended | Issued | Tender Opening in Progress | TOB Completed

Clarification Request Deadline	Closing Date Extension Request Deadline	Announcement Date	Last Update On	Update Reason
N/A	N/A	07/05/2024	07/05/2024 17:55 CET	New Tender Action

The Guiana Space Center (CSG) plans to renew the contarct covering the exploitation and the maintenance of the ASCENSION for the benefit of launches carried out from the CSG to track the launchers, to acquire, and process the telemetry sent in real time to the CSG and in delayed time to the Toulouse Space Center. Contract over a period of 7 years (5 +1 + 1)

Open Date	N/A
Closing Date	N/A
ESA Contract Number	4000130020
Price Range	> 500 KEURO
Prog. Reference	1100382 - CSG 2020-2024
Tender Type	Open Competition

ESA CO	Muriel Tharreau
External Entity Code	1000005492
External Entity Name	CNES (HEADQUARTERS)PARIS DAUMESNIL
External Entity CO	Amalia Dimopoulou
External Entity TO	Françoise HOSIFAT

Open To Tenderers From	AT+BE+CH+CZ+DE+DK+EE+GR+ES+FI+FR+GB+HU+IE+IT+LU+NL+NO+PL+PT+RO+SE
Technology Keywords	12-A-IV-TT&C, Radar and Optical Signal & Data Processing
Products Keywords	2-A-3-a-Radars, lidars, GNSS receivers

Non ESA Tender Action Package (0) | Clarifications (0)

No data available

3) Identify potential partners:

Go to esa-match | Other Interested Entities

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→ THE EUROPEAN SPACE AGENCY

NEW : L'éditeur de la plateforme marches.cnes.fr propose des **Webinaires "Maîtriser la plateforme côté Entreprise"** gratuits pour vous accompagner dans l'utilisation de la plateforme.

Prochaines dates :

2 juin 2025 - 16h à 17h30
https://attendee.gotowebinar.com/register/5169221322401179479

12 septembre 2025 - 14h à 15h30
https://attendee.gotowebinar.com/register/7367544189422778715

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> Voir les consultations en cours
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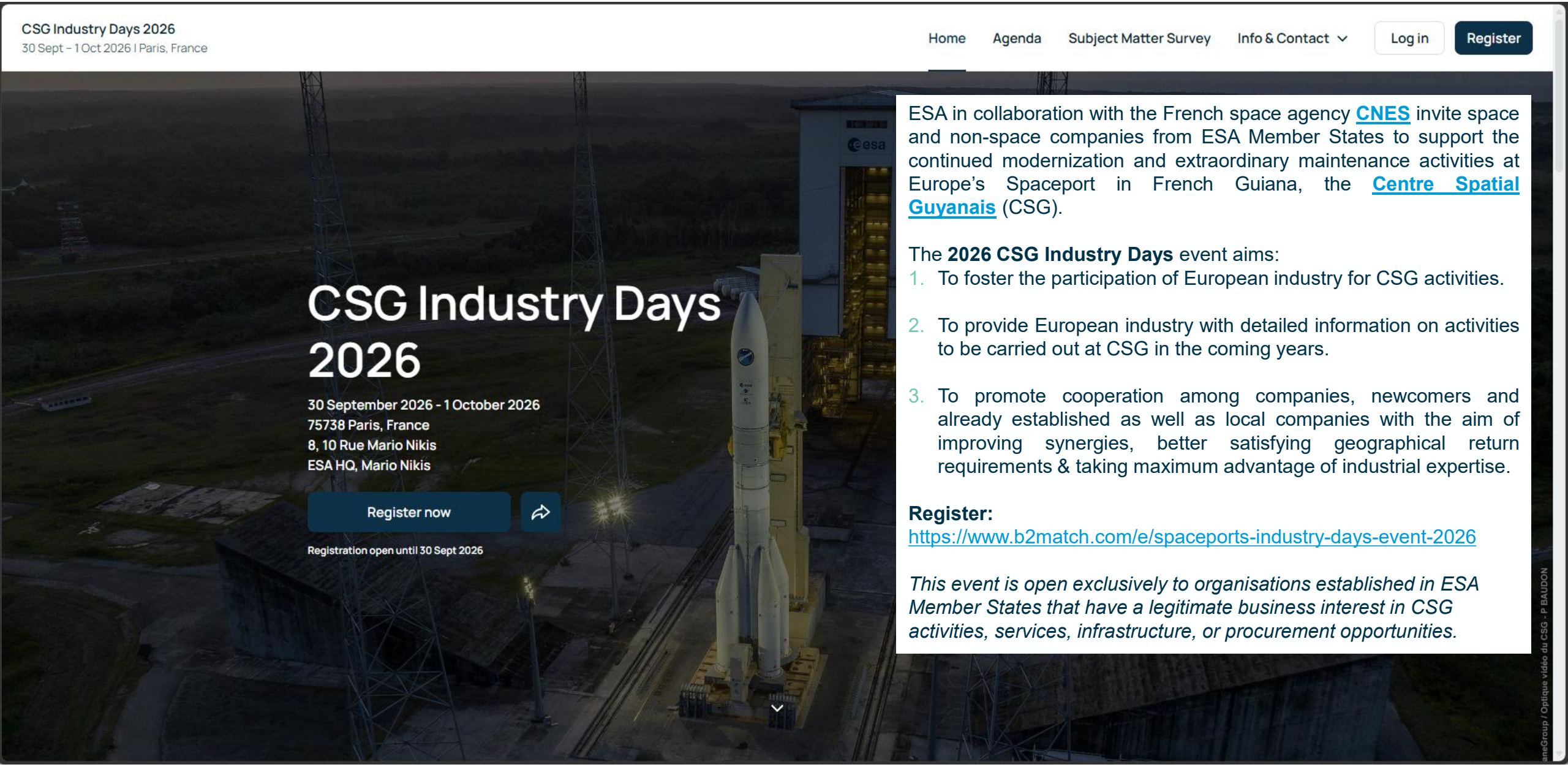
CSG Industry Days 2026



ESA in collaboration with the French space agency **CNES** invite space and non-space companies from ESA Member States to support the continued modernization and extraordinary maintenance activities at Europe's Spaceport in French Guiana, the **Centre Spatial Guyanais** (CSG).

The **2026 CSG Industry Days** event aims:

1. To foster the participation of European industry for CSG activities.
2. To provide European industry with detailed information on activities to be carried out at CSG in the coming years.
3. To promote cooperation among companies, newcomers and already established as well as local companies with the aim of improving synergies, better satisfying geographical return requirements & taking maximum advantage of industrial expertise.

Register:
https://www.b2match.com/e/spaceports-industry-days-event-2026

This event is open exclusively to organisations established in ESA Member States that have a legitimate business interest in CSG activities, services, infrastructure, or procurement opportunities.

Backup

PLAN OF THE FACILITIES

Guiana Space Center

1 Jupiter Control Center and Space Museum
2 Technical Center: central CNES services
3 Payload preparation complex > EPCU S5
4 Weather station
5 Ariane 5 final assembly building > BAF
6 Ariane 5 launcher integration building > BIL
7 Ariane 6 launch center no. 3 > CDL3
8 Guiana Propellant Plant (UPG)
9 Vega launch zone > ZLV
10 Ariane 5 launch zone no. 3 > ZL3
11 Ariane 6 launch zone no. 4 > ZL4
12 Hydrogen & Oxygen Plants
13 Pariacabo port
14 Telemetry and radar stations
15 Iles du Salut (Salvation Islands)

LAUNCH COMPLEX
CSG LAUNCH RANGE
MANUFACTURING FACILITIES

690 km²
The CSG's surface area, less than 1% of French Guiana.

ARIANE 5 LAUNCH ZONE

HYDROGEN & OXYGEN PLANTS

WEATHER STATION

JUPITER CONTROL CENTER

ARIANE 5, VEGA & ARIANE 6 LAUNCH CENTER

GUIANA PROPELLANT PLANT (UPG)

PAYLOAD PREPARATION COMPLEX (EPCU) S5

TELEMETRY & TRACKING STATION

RN 1
To Cayenne