

EUROPEAN SPACE AGENCY**INDUSTRIAL POLICY COMMITTEE****Three hundred and forty-third meeting**

The three hundred and forty-third meeting of the Industrial Policy Committee will take place on **11th & 12th October 2023**, at ESA HQ in Conference Rooms A & B, 8-10 Rue Mario Nikis, 75015 Paris and by WebEx, **starting at 14:00** on the 11th. An IPC restricted session is planned for 12th October 2023 at 9:00.

DRAFT AGENDA

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|---------------|--|---------------------------------------|
| 0
(D) | Election of the Chair and vice-Chair of the IPC | ESA/IPC(2023)122 |
| 1 | ADOPTION OF THE AGENDA | ESA/IPC/OJ/343 |
| 2 | IPC ROADMAP | ESA/IPC(2023)2,rev.4 |
| 3 | MINUTES FOR APPROVAL | |
| 3.1
A-Item | Draft Minutes 338th IPC Meeting | ESA/IPC/MIN/338 |
| 3.2
A-Item | Draft Minutes 339th IPC Meeting | ESA/IPC/MIN/339 |
| 4 | INDUSTRIAL AND TECHNOLOGY POLICY ISSUES | |
| 4.1
(I) | Report from the IPE-WG meeting of 10 October 2023 | Oral Report |
| 4.2
(I) | Report from the TA-WG meeting of 11 October 2023 | Oral Report |
| 4.3
(I) | THAG Report | Oral Report |
| 4.4
(D) | Conclusions of 1st Cycle 2023 Harmonisation Meetings | ESA/IPC(2023)152 |
| 4.5
(I) | Geographical distribution of contracts Situation as per 30 June 2023 | ESA/IPC(2023)13,rev.1 |
| 4.6
(I) | Geo Return Status of Programmes with Guaranteed Return Situation as per 30 June 2023 | ESA/IPC(2023)91,rev.1 |

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|-------------|---|----------------------------------|
| 4.7
(I) | Scientific Programme First Interim Review of Geographical Distribution of Contracts | ESA/IPC(2023)153 |
| 4.8
(C) | Revision of Annex I to the General Clauses and Conditions for ESA Contracts | ESA/IPC(2023)149 |
| 4.9
(D) | Update on the Work Plans of the Industrial Policy Task Forces | ESA/IPC(2023)155 |
| 4.10
(I) | Zero Debris Approach and Charter | Oral Report |
| 4.11
(D) | GSTP – Participation of France in the “EEE Space Component Sovereignty for Europe” | ESA/IPC(2023)151 |

5 PROCUREMENT MATTERS

5.1 Directorate of Technology, Engineering & Quality – D/TEC

Work Plans/Procurement Plans

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|--------------|--|---------------------------------------|
| 5.1.1
(D) | DISCOVERY, PREPARATION, TECHNOLOGY DEVELOPMENT / TECHNOLOGY DEVELOPMENT ELEMENT Update of the TDE WORK PLAN / PROCUREMENT PLAN 2023-2024 | ESA/IPC(2023)3,add.3 |
| 5.1.2
(D) | GSTP ELEMENT 1 “DEVELOP” WORK PLAN/PROCUREMENT PLAN | ESA/IPC(2023)61,add.5 |
| 5.1.3
(D) | GSTP Element 1 Work Plan/Procurement Plan Update – Cybersecurity | ESA/IPC(2023)61,add.6 |
| 5.1.4
(D) | GSTP ENDURE COMPONENT WORK PLAN/PROCUREMENT PLAN | ESA/IPC(2023)65,add.1 |

Procurement Proposals

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|--------------|--|---------------------------------------|
| 5.1.5
(D) | COMPONENT “EEE SPACE COMPONENT SOVEREIGNTY FOR EUROPE” (EEE COMPONENT) WORK PLAN/PROCUREMENT PLAN UPDATE | ESA/IPC(2023)66,add.2 |
|--------------|--|---------------------------------------|

Procurement Proposal

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|--------------|---|---------------------------------------|
| 5.1.6
(D) | GSTP ELEMENT 2 “MAKE” PROCUREMENT PROPOSALS | ESA/IPC(2023)62,add.1 |
|--------------|---|---------------------------------------|

5.2 Directorate of Connectivity and Secure Communications – (D/CSC)

Procurement Proposals

- 5.2.1 A-Item Grouped Procurement Proposals – 4.0 Strategic Programme Line Space for 5G/6G and Sustainable Connectivity: [ESA/IPC\(2023\)1,add.96](#)
- 1) CCN 1 - 5G Smart Edge Node and Smart Objects enabling Accurate Services Extended All over the seas
 - 2) 5G NR based SCPC SDR modem accelerated by Tensor Defined Radio and open RAN
 - 3) FLEX SPACE 5G Flexible Satellite Platform for Advanced Communications and End-to-End Services for 5G NTN
- 5.2.2 A-Item Grouped Procurement Proposals ARTES 4.0 Generic Programme Line “Core Competitiveness” Period 2: [ESA/IPC\(2023\)6,add.4](#)
- 1) CCN1 - Smart Pressure Vessels for Space: Enabling turnkey SmallSat propulsion systems
 - 2) Data Relay Constellation
 - 3) NEBULA
- 5.2.3 A-Item CCN 3 – Very low latency satellite communication system [ESA/IPC\(2023\)6,add.5](#)
- 5.2.4 (D) Sunrise Phase 3 Project [ESA/IPC\(2023\)1,add.97](#)
- 5.2.5 A-Item Quantum Communication Terminal Mirrors (QCTM) [ESA/IPC\(2023\)1,add.98](#)

Information Items

- 5.2.6 (I) ARTES Technology and Product Developments Planned procurements not subject to IPC approval [ESA/IPC\(2023\)157](#)
- 5.2.7 (I) ARTES Technology and Product Developments Planned procurements not subject to IPC approval [ESA/IPC\(2023\)158,COR.1](#)
- 5.2.8 (I) Status of IRIS2 Procurement Actions Oral Report

5.3 Directorate of Earth Observation – D/EOPProcurement Proposals

- 5.3.1 Lead Digital Twin Components (DTCs) Development Actions & Early DTCs Development Actions [ESA/IPC\(2023\)1,add.115,cor.1](#)
(D)
- 5.3.2 Aeolus-2 Procurement Approach and Procurement Proposal for Aeolus-2 Instrument Advanced Phase B2 Activities [ESA/IPC\(2023\)1,add.100](#)
(D)
- 5.3.3 Sentinel-4 Level 1 Reference Processor A-Item [ESA/IPC\(2023\)1,add.101](#)
- 5.3.4 TRUTHS Detector of Hyperspectral Imaging Spectrometer (HIS) and its Front-End Electronics (FEE) [ESA/IPC\(2023\)1,add.102,cor.1](#)
(D)

Contract Proposals

- 5.3.5 TRUTHS Space Segment Phase B2/Advance C [ESA/IPC\(2023\)159](#)
(D)
- 5.3.6 Copernicus Sentinel-4 UVN Phase B2, C/D and support to Phase E1 [ESA/IPC\(2023\)160](#)
(D)
- 5.3.7 Vigil Phase B2/C/D/E1 Contract Proposal [ESA/IPC\(2023\)161](#)
(D)

5.4 Directorate of Space Transportation – D/STSProcurement Proposal

- 5.4.1 Generic Technologies and Processes for Low Cost Combustion Chambers - Continuation [ESA/IPC\(2023\)1,add.103](#)
(D)

Contract Proposals

- 5.4.2 RFA One Launch Service Development Support [ESA/IPC\(2023\)162](#)
A-Item
- 5.4.3 Skyrora XL Launch Service Development Support [ESA/IPC\(2023\)163](#)
A-Item
- 5.4.4 Procurement of Fluids and propellant for Ariane 6 Launch System Combined Tests in 2022 and 2023 [ESA/IPC\(2023\)164](#)
(D)

5.5 Directorate of Space Science – D/SCI

Procurement Proposals

- 5.5.1 Coordinated Parts Procurement Agency for [ESA/IPC\(2023\)1,add.104](#)
A-Item the payloads of the EnVision mission
- 5.5.2 ARIEL Baffle (PT): Phase C-D development [ESA/IPC\(2023\)1,add.105](#)
A-Item of the Telescope Assembly Baffle EQM and FM

5.6 Directorate of Operations – D/OPS

Procurement Plan

- 5.6.1 Procurement Plan for the Space Safety [ESA/IPC\(2023\)165](#)
(D) Programme (S2P)

Procurement Proposals

- 5.6.2 Extension of the Competitive Frame [ESA/IPC\(2023\)1,add.106](#)
(D) Contracts for Administrative and Management Services to the Directorate of Operations and the Directorate of Internal Services at ESOC
- 5.6.3 Extension of Maintenance and Operational [ESA/IPC\(2023\)1,add.107](#)
(D) Support Services for the ESTRACK Ground Station of New Norcia Ground Station in Australia

Contract Proposal

- 5.6.4 RISE – IOS Mission Satellite Development [ESA/IPC\(2023\)166](#)
(D)

5.7 Directorate of Navigation – D/NAV

Procurement Proposals

- 5.7.1 NAVISP Element 2 Grouped Procurement [ESA/IPC\(2023\)1,add.108](#)
A-Item Proposals
- 5.7.2 NAVISP Element 2 Grouped Procurement [ESA/IPC\(2023\)1,add.109](#)
A-Item Proposals
- 5.7.3 Confidence Validation Framework for PNT [ESA/IPC\(2023\)1,add.110](#)
A-Item

5.8 Directorate of Commercialisation, Industry and Competitiveness – (D/CIC)

Work Plan

5.8.1 Scale Up Workplan [ESA/IPC\(2023\)8,add.2](#)
(I)

Procurement Proposals

5.8.2 Grouped Procurement for ESA Φ-Labs in [ESA/IPC\(2023\)1,add.111,cor.1](#)
(D) The Netherlands, Spain and Ireland

5.8.3 ESA Φ-Labs in Switzerland [ESA/IPC\(2023\)1,add.112](#)
(D)

5.8.4 ARTES 4.0 APPLICATIONS AND [ESA/IPC\(2023\)1,add.113](#)
A-Item SERVICES GROUPED PROCUREMENT
PROPOSALS

Information Item

5.8.5 ScaleUp Status Report 2023 Q2 [ESA/IPC\(2023\)148](#)
(I)

5.9 Director General's Services

Procurement Proposal

5.9.1 Cyber Evolutions [ESA/IPC\(2023\)1,add.114](#)
(D)

6 ANY OTHER BUSINESS

6.1 IPC meetings calendar in 2024 (Request by
German IPC Delegation)

7 INFORMATION NOTES

7.1 ESA programme Related to EU Secure [ESA/IPC\(2023\)58,rev.3](#)
Connectivity Industrial measures

7.2 Draft Minutes of the 340th IPC Meeting [ESA/IPC/MIN/340](#)

7.3 Draft Minutes of the 341st IPC Meeting [ESA/IPC/MIN/341](#)

7.4 Copernicus Sentinels Next Generation [ESA/IPC\(2023\)167](#)
Missions Outline of Phase B2/C/D
Procurement Approach

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|-----|--|---|
| 7.5 | InCubed-Element of the European Earth Watch Programme Standard Call For Proposal contracts Summary | <u>ESA/IPC(2023)146</u> |
| 7.6 | Space Rider Flight Segment Phase D/E1 extra-costs CCN | <u>ESA/IPC(2023)168</u> |
| 7.7 | Space Rider Launch Service Procurement | <u>ESA/IPC(2023)169</u> |