

SPACE BUSINESS FORUM

ESA Industrial Policy Committee, Tiina Nurmi, Business Finland

#349 IPC Meeting 3.-4.10.2024 AGENDA

ESA_IPC_OJ_349_EN

Selected documents have been uploaded in

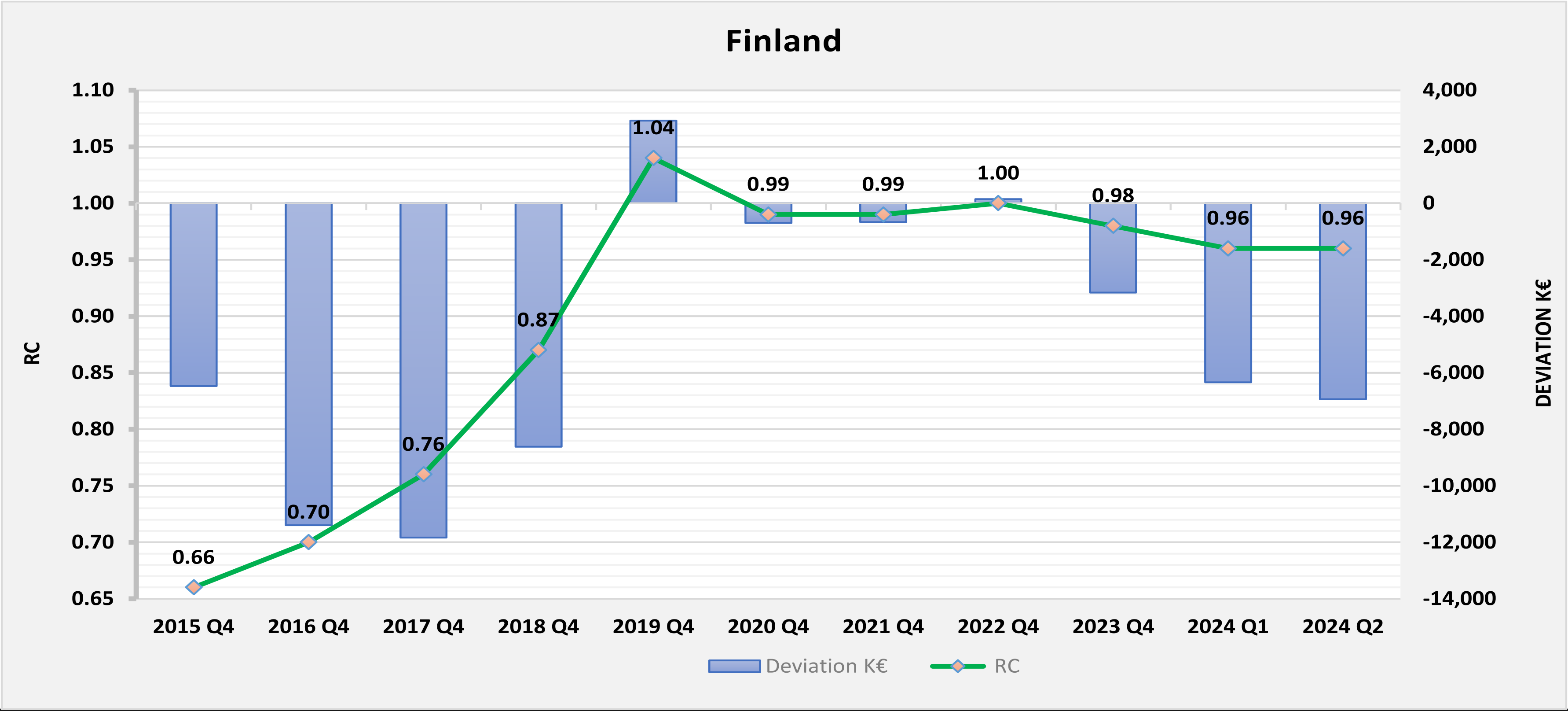
→ “Avaruusdokumentit” folder ” Space Business Forum 25.9.2024”.

Public access to documents is restricted in accordance with ESA rules.

You can get the right to read them by requesting it from Tiina Nurmi (tiina.nurmi@businessfinland.fi).

GEOGRAPHICAL DISTRIBUTION OF CONTRACTS Q2/2024

RC	2015-Q4	2016-Q4	2017-Q4	2018-Q4	2019-Q4	2020-Q4	2021-Q4	2022-Q4	2023-Q1	2023-Q2	2023-Q3	2023-Q4	2024-Q1	2024-Q2
FI	0.66	0.70	0.76	0.87	1.04	0.99	0.99	1.00	0.99	0.99	0.98	0.98	0.96	0.96



GEOGRAPHICAL DISTRIBUTION OF CONTRACTS Q1/2024

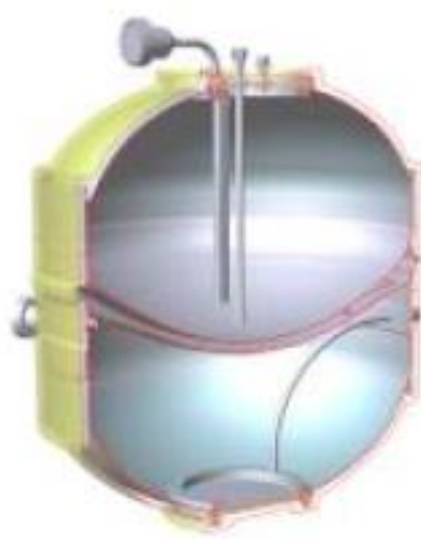
						New Domains Set Q3/Q4-2020										
						2015 Q4	2016 Q4	2017 Q4	2018 Q4	2019 Q4	2020 Q4	2021 Q4	2022 Q4	2023 Q4	2024 Q1	2024 Q2
	MANDATORY PROGRAMMES AND ACTIVITIES					0.34	0.41	0.49	0.77	1.02	0.99	0.95	0.91	0.88	0.88	0.86
	EARTH OBSERVATION					0.65	0.94	0.91	0.88	1.05	1.00	1.03	1.01	1.02	0.99	1.00
	SPACE TRANSPORTATION					0.00	0.20	0.56	0.37	1.09	1.09	1.12	1.04	0.92	0.83	0.84
	HUMAN AND ROBOTIC EXPLORATION					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.42	0.43	0.40
	TELECOMMUNICATIONS					0.86	0.82	1.15	1.04	1.01	1.00	1.00	1.01	1.02	1.02	1.02
	SPACE SAFETY										0.62	0.73	2.07	1.52	1.50	1.47
	OTHER PROGRAMMES AND ACTIVITIES					1.66	1.06	1.11	1.08	1.06	1.10	1.11	1.07	1.06	0.97	1.01
	MANDATORY PROGRAMMES AND ACTIVITIES ▾					2015 Q4	2016 Q4	2017 Q4	2018 Q4	2019 Q4	2020 Q4	2021 Q4	2022 Q4	2023 Q4	2024 Q1	2024 Q2
	BASIC ACTIVITIES					1.03	0.88	0.97	1.10	1.23	1.33	1.28	1.28	1.26	1.23	1.16
	SCIENTIFIC PROGRAMME					0.04	0.28	0.33	0.65	0.84	0.78	0.74	0.70	0.74	0.75	0.74

IPC #349

4. Industrial and technology policy issues

4.7 Conclusions of the 1st Cycle 2024 Harmonisation Meetings

ESA/IPC(2024)156 (D)



Cryogenic
s and
Focal
Plane
Cooling



AOCS and
GNC
Systems



Electrochemical
Energy Storage



Technologies
for Passive
Millimetre and
Sub-Millimetre
Wave
Instruments



Technologies
for Optical
Passive
Instruments –
Stable &
Lightweight
Structures,
Mirrors

IPC #349

5. Procurement matters

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

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|-------|---|---------------------------|
| 5.1.1 | GSTP ELEMENT 1 “DEVELOP” UPDATE OF THE WORK PLAN/PROCUREMENT PLAN | ESA/IPC(2024)61,add.5 (D) |
| 5.1.2 | GSTP ELEMENT 3 “FLY” WORK PLAN/PROCUREMENT PLAN | ESA/IPC(2024)63,add.2 (D) |

Procurement Proposals

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|-------|--|----------------------|
| 5.1.5 | Extension of the Advanced Data Handling Architecture (ADHA) Standardisation and Product Development (two parallel CCN) | ESA/IPC(2024)159 (D) |
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5.2 Directorate of Connectivity and Secure Communications – (D/CSC) Procurement Proposals

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|-------|---|--------------------------|
| 5.2.2 | Grouped Procurement Proposals ARTES 4.0 Generic Programme Line “Core Competitiveness” Period 2: | ESA/IPC(2024)6,add.4 (A) |
| | 1) Ka – QEPA | |
| | 2) PPU MK4 | |
| | 3) CCN1 - Onboard Neuromorphic Acceleration | |
| | 4) CCN2 - TeQuantS - Technological development for space-based Quantum reSource distribution | |
| | 5) Artificial intelligence for spacecraft operations (AISERV) | |

IPC #349

5. Procurement matters

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

5.2.10	IRIS2 Contract Proposal	ESA/IPC(2024)158	(D)
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5.3 Directorate of Earth Observation – D/EOP Procurement Proposals

5.3.3	Operations of Kiruna Esrange Centre for Cryosat-2 and TPM in the Timeframe 1st January 2025 – 31st December 2028	ESA/IPC(2024)1,add.87	(A)
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Contract Proposal

5.3.11	High spatial resolution thermal infrared dispersive Spectrometer	ESA/IPC(2024)165	(D)
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5.5 Directorate of Science – D/SCI Procurement Plan

5.5.1	Science Programme Technology Development Plan: Programme of Work for 2024, 2025 and 2026, and Related Procurement Plan	ESA/IPC(2024)81,rev.1	(D)
5.5.5	Procurement of the Micro Propulsion Assembly (MPA) for the LISA programme PATP	ESA/IPC(2024)128	(D)

IPC #349

5. Procurement matters

5.6 Directorate of Operations – D/OPS Procurement Proposals

5.6.3	Grouped Procurement Proposals for the RAMSES CubeSats preparation	ESA/IPC(2024)1,add.96	(D)
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5.9 Directorate of Commercialisation, Industry and Competitiveness – (D/CIC) Information Item

5.9.2	Scale Up annual Status Report	ESA/IPC(2024)175	(I)
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7. Information documents

7.5	Copernicus Sentinels Next Generation Missions Outline of Sentinel-3 Next Generation Topography - Phase B2/C/D Procurement Approach	ESA/IPC(2024)176	(I)
7.8	Adjustment of German Position on RAMSES	ESA/IPC(2024)179	(I)
7.9	Report on the High-Level Forum with Industry, the Competitiveness Workshop, the Midcap Forum and the SME Forum	ESA/IPC(2024)180	(I)

Finnish Positioning, Navigation and Timing (PNT) Workshop



SPACEFINLAND

SpaceFinland gives a look at Finnish space sector companies and research as well as the Finnish space administration

Learn about Finland's space activities

The Space Business Forum

The Space Business Forum is a community of Finnish space operators that meets five times a year. The meetings cover current and future issues in space business and research; technology-related issues, and initiatives and frameworks for international cooperation within the European Space Agency (ESA), the EU and outside Europe. The main contribution of the meetings will be presentations by companies and research organizations, and in particular discussions and networking.

The Space Business Forum serves as an information-sharing platform for the entire Finnish space network. This includes the distribution of official documentation to space actors and, in particular, the communication of industry and research needs to space administrators and international actors.

Participation in the Space Business Forum is free of charge, but the Space Business Forum reserves the right to admit members.

More information: Tiina Nurmi/Business Finland - [tiina.nurmi\(at\)businessfinland.fi](mailto:tiina.nurmi@businessfinland.fi)

Sign up for the mailing list: [greta.neffling\(at\)businessfinland.fi](mailto:greta.neffling@businessfinland.fi)

The dates for Space Business Forum events for 2024:

- Friday **8 March 2024**, 10:00-13:00
- Tuesday **16 April 2024**, 10:00-13:00
- Monday **17 June 2024**, 10:00-13:00
- Wednesday **25 September 2024**, 10:00-13:00
- Monday **2 December 2024**, 10:00-13:00

Next event on 25 September 2024:

Venue: Team Finland House, address: Porkkalankatu 1, 00180 Helsinki (Ruoholahti)

[Agenda](#)

[Registration](#) 

Previous events:

-  Space Business Forum 17.6.2024
-  Space Business Forum 16.4.2024
-  Space Business Forum 8.3.2024
-  Space Business Forum 22.11.2023