

EUROPEAN SPACE AGENCY

COUNCIL MEETING AT MINISTERIAL LEVEL

Subscription to optional programmes at CM22

Summary

Delegations will find attached the final tables of subscription to optional programmes as confirmed by the participating States in accordance with the subscription method described in previous revisions of this document, at the occasion of the Council meeting at ministerial level on 22-23 November 2022 in Paris, France (CM22). This document also contains a short explanation of these tables.

The Director General will issue for the next Council meeting an updated version of each programme Declaration including the financial contributions as appearing in the attached tables.

The financial commitments resulting from subscriptions made during CM22 will be governed by each applicable programme Declaration.

Action Required

Delegations are invited to take note of this document.

Explanations

The attached tables of subscription to optional programmes were confirmed by participating States at CM22, in accordance with the subscription method described in previous revisions of this document. The Chair of the Council meeting at ministerial level formally declared that all subscriptions were committed by participating States. The Director General will issue an updated version of each programme Declaration including the financial contributions as appearing in the attached tables. In a few cases it was not possible to include all details in the contribution tables contained in the programme Declarations into the attached tables produced by the Digital Subscription Tool (DST). This does not affect the validity of these details, which will subsist in the programme Declarations that govern the commitments made through the subscriptions.

Subscription Tables

Several optional programmes included in the CM22 package were subscribed with amounts exceeding their financial envelope. While some of the Programme Declarations concerned (*i.e.* ARTES 4.0, GSTP and ScaleUp) already provide that their financial envelopes are adjusted so as to correspond to the amount of the actual subscriptions, other Programme Declarations (*i.e.* the respective Declarations for CSC-4 Phase 2, Earth Watch CLIMATE-SPACE, AEOLUS-2, FutureNAV-Component LEO PNT, Ariane 6 and P120C Transition Programme Step 3, and FLPP Technology Disruptors and Space Logistics Element) do not contain similar provisions and will require adjustment of their financial envelopes in order to achieve the same result. For those latter programmes, the amounts exceeding the financial envelope are shown in the attached subscription tables under the line “not covered” with a (-).

For some ongoing programmes or part thereof (*i.e.* TRUTHS Element in the European Earth Watch Programme, ARTES 4.0, FLPP, and Boost!), participating States were specifically invited to complement the financial envelope by providing additional financial contributions at CM22. For these programmes, this document shows in distinct columns (and linked by a plus (+)) the subscriptions done prior to and those done at CM22. The tables included in the corresponding programme Declaration to be issued for the next Council meeting will only show the sums of these two columns.

For programmes governed by economic conditions other than 2022 economic conditions, the tables contained in previous versions of this document reported subscriptions in two columns: one in the economic conditions of the programme in line with the table in the programme Declaration, and the other in 2022 economic conditions for information. This final revision of Document 100 contains only the subscription table with the economic conditions of the programme Declaration.

Remarks concerning specific programmes

For GSTP, a separate table was established to record new subscriptions made at CM22. For the programme Declaration to be issued for the next Council meeting, this subscription table will be merged with the table documenting contributions already subscribed (see

page 3 of Annex B of the GSTP Declaration ESA/IPC/CXXIX/Dec.1, rev.38 (Final), attached to ESA/C-M(2022)30).

For E3P, and after deliberations with ESA Member States participating in the Terrae Novae E3P programme, the ESA Executive has identified activities in all areas of the programme envelope that can be deferred or descoped, with an overall volume of 100 MEUR in E3P. Considering the final outcome of the subscription at CM22 and meeting both Member States' priorities and international obligations, the Director General will make detailed proposals for such deferral and descoping as part of the E3P Work Plan to be submitted for approval at the PB-HME in February 2023.

For Moonlight, it was decided by the participating States at CM22 to reduce the threshold to 67%.

For the ESA Programme Related to EU Secure Connectivity, the financial sub envelope for phase 2 of Element 1 is indicative and contributions to it will become binding only upon the decision to start phase 2 of Element 1, in accordance with the provisions of the Programme Declaration.

For Space Rider, it was decided by the participating States at CM22 to move subscriptions made to the Evolution Element into the CSI Element.

Specific tables at the end of the document

Specific tables at the end of the document report the following announcements by participating States during CM22:

- Some participating States have indicated amounts for contributions yet to be allocated by them to the financial envelopes in the programmes ARTES 4.0 or GSTP.
- Some participating States have confirmed complementary subscriptions to on-going programmes that were not part of the CM22 package. This table also shows the ceilings for the cost overruns to the LEAP Ariane 5 Supplementary 2020 to completion that the participating States announced via the DST. One Member State also announced financial commitments to activities to be carried out in accordance with Articles V.2, IX.2 and/or VI of the Convention.
- Some participating States participating in PRODEX indicated amounts for future contributions. Other participating States have indicated their intention to provide further contributions to the LEO-PNT Component of the FutureNAV Programme.
- In some cases, participating States provided a financial contribution to optional programmes or part thereof (the "Recipient Programmes") through transfers of contributions from other optional programmes or part thereof (the "Transferring Programmes"). Where necessary, the States participating in the Transferring Programmes and in the Recipient Programmes approved, respectively, the transfer of these contributions. To the extent that a transfer cannot be fully absorbed in the financial planning of the Transferring Programme, it will be allocated to the Recipient Programme through a revised budget for the year 2022.

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SCIENCE AND EXPLORATION

Pillar: Science and Exploration

I. General information

<u>Programme</u> European Exploration Envelope Programme		<u>Activity Area</u> Humans in LEO (incl. SciSpacE) Humans Beyond LEO Lunar Robotic Exploration Mars Robotic Exploration ExPeRT		
<u>Financial Envelope</u> 2980 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> E3P3	<u>Period / Phase</u> Period 3	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-HME/LXII/Dec.1, rev.12 (Final), attached to ESA/C-M(2022)12

Participating States	European Exploration Envelope Programme M€	Humans in LEO (incl. SciSpacE) M€	Humans Beyond LEO M€	Lunar Robotic Exploration M€	Mars Robotic Exploration M€	ExPeRT M€
Austria	7.25		4.10			
Belgium	132.00	46.00	35.00	23.00	25.00	3.00
Czech Republic	10.00			5.00		2.00
Denmark	13.70				1.00	
Estonia	2.00					
Finland	4.00					4.00
France	515.50	110.00	125.00	19.00	229.00	32.50
Germany	725.61	528.61	27.00	110.00	60.00	
Greece	0.30					
Hungary	11.50	8.50	1.50		0.50	1.00
Ireland	2.00	0.50	1.00	0.50		
Italy	719.00	197.00	150.00	120.00	245.00	7.00
Luxembourg	10.00	1.00		7.50		1.50
Netherlands	25.00	22.00				
Norway	29.20	11.70	1.10	5.00	4.50	0.90
Poland	12.50	1.50	1.50	8.50	0.50	0.50
Portugal	2.25					
Romania	9.05	0.20	2.50	2.15	4.00	0.20
Spain	103.00	12.00	30.00	5.00	50.00	6.00
Sweden	27.00	13.00	3.00	9.00	2.00	
Switzerland	85.00				20.00	
United Kingdom	254.00	25.00	12.10	13.00	150.00	
Slovenia	4.50	1.80		0.30	0.60	1.80
Canada	3.00	0.50		1.50		1.00
Covered	2,707.36					
Not Covered	272.64					
Envelope	2,980.00					

EARTH OBSERVATION

Pillar: Applications

I. General information

<u>Programme</u> Future Earth Observation Programme		<u>Element</u> FutureEO Period 1 - Segment 2		
<u>Financial Envelope</u> 1590 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> FutureEO	<u>Period / Phase</u> Period 1	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-EO/LXXIV/Dec.1, rev. 28 (Final), attached to ESA/C-M(2022)13

Participating States	FutureEO Period 1 - Segment 2 M€
Austria	16.70
Belgium	48.00
Czech Republic	8.04
Denmark	13.00
Estonia	0.56
Finland	15.00
France	225.00
Germany	346.80
Greece	3.00
Hungary	3.00
Ireland	0.50
Italy	260.00
Luxembourg	3.50
Netherlands	47.00
Norway	22.50
Poland	8.50
Portugal	5.00
Romania	8.00
Spain	20.00
Sweden	12.00
Switzerland	32.00
United Kingdom	109.97
Lithuania	0.45
Slovakia	1.65
Slovenia	4.00
Canada	8.70
Covered	1,222.87
Not Covered	367.13
Envelope	1,590.00

Pillar: Applications

I. General information

<u>Programme</u> Copernicus Space Component		<u>Element</u> CSC-4 Phase 2		
<u>Financial Envelope</u> 594 M€	<u>Economic Conditions</u> 2019	<u>Acronym</u> CSC-4	<u>Period / Phase</u> Phase 2	<u>Threshold</u> 80%

II. Extract from Declaration:

ESA/PB-EO/CXI/Dec. 1, rev.14 (Final), attached to ESA/C-M(2022)14

Participating States	CSC-4 Phase 2 M€
Austria	4.33
Belgium	12.52
Czech Republic	2.17
Denmark	2.89
Finland	3.37
France	163.71
Germany	178.20
Greece	2.89
Hungary	1.93
Ireland	0.48
Italy	134.82
Netherlands	3.85
Norway	7.70
Portugal	1.68
Spain	72.22
Sweden	12.52
Switzerland	5.78
United Kingdom	4.78
Canada	1.64
Covered	617.48
Not Covered	-23.48
Envelope	594.00

Pillar: Applications

I. General information

<u>Programme</u> European Earth Watch Programme		<u>Element</u> Earth Watch - TRUTHS		
<u>Financial Envelope</u> 227 M€	<u>Economic Conditions</u> 2019	<u>Acronym</u> EW TRUTHS	<u>Period / Phase</u>	<u>Threshold</u> 80%

II. Extract from Declaration:

ESA/PB-EO/LXXXVII/Dec.1, rev.30 (Final), attached to ESA/C-M(2022)15

Participating States	Earth Watch - TRUTHS M€		
Czech Republic	0.50	+	1.93
Greece	2.00	+	1.93
Romania	0.40	+	1.00
Spain		+	2.26
Switzerland	1.80	+	11.56
United Kingdom	27.70	+	149.85
Covered	32.40	+	168.53
Not Covered	194.60	-	168.53
Envelope	227.00		

Pillar: Applications

I. General information

<u>Programme</u> European Earth Watch Programme		<u>Element</u> Earth Watch - CLIMATE-SPACE		
<u>Financial Envelope</u> 81 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> CLIMATE-SPACE	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-EO/LXXXVII/Dec.1, rev.30 (Final), attached to ESA/C-M(2022)15

Participating States	Earth Watch - CLIMATE-SPACE M€
Austria	4.50
Belgium	6.50
Czech Republic	0.50
Denmark	1.00
Finland	1.50
France	12.00
Germany	20.00
Ireland	0.30
Italy	8.00
Netherlands	1.50
Norway	2.50
Portugal	1.00
Spain	5.00
Sweden	1.50
Switzerland	2.00
United Kingdom	17.66
Canada	1.50
Covered	86.96
Not Covered	-5.96
Envelope	81.00

Pillar: Applications

I. General information

<u>Programme</u> European Earth Watch Programme		<u>Element</u> Earth Watch - InCubed-2		
<u>Financial Envelope</u> 86 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> InCubed-2	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-EO/LXXXVII/Dec.1, rev.30 (Final), attached to ESA/C-M(2022)15

Participating States	Earth Watch - InCubed-2 M€
Austria	2.00
Belgium	1.50
Czech Republic	4.00
Estonia	1.00
Finland	5.00
Germany	9.60
Greece	2.00
Hungary	1.50
Ireland	2.50
Italy	13.00
Luxembourg	1.00
Netherlands	3.00
Norway	1.50
Poland	1.00
Spain	15.00
Sweden	2.00
United Kingdom	2.00
Slovenia	0.80
Covered	68.40
Not Covered	17.60
Envelope	86.00

Pillar: Applications

I. General information

<u>Programme</u> European Earth Watch Programme		<u>Element</u> Earth Watch - Digital Twin Earth		
<u>Financial Envelope</u> 50 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> DTE	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-EO/LXXXVII/Dec.1, rev.30 (Final), attached to ESA/C-M(2022)15

Participating States	Earth Watch - Digital Twin Earth M€
Austria	3.00
Belgium	2.50
Czech Republic	1.00
Estonia	0.50
Finland	1.50
France	6.00
Germany	2.78
Hungary	1.00
Ireland	0.50
Italy	5.00
Luxembourg	8.00
Netherlands	0.50
Norway	1.00
Poland	1.00
Portugal	1.30
Spain	5.00
Sweden	0.50
Switzerland	0.50
United Kingdom	5.84
Slovenia	1.20
Covered	48.62
Not Covered	1.38
Envelope	50.00

Pillar: Applications

I. General information

<u>Programme</u> Aeolus-2		<u>Element</u> N/A		
<u>Financial Envelope</u> 405 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> Aeolus-2	<u>Period / Phase</u>	<u>Threshold</u> 80%

II. Extract from Declaration:

ESA/PB-EO/CXCIII/Dec. 1 (Final), attached to ESA/C-M(2022)16

Participating States	Aeolus-2 M€
Austria	3.20
Belgium	9.00
France	100.00
Germany	105.00
Italy	65.00
Norway	2.50
Portugal	1.15
Spain	40.00
Sweden	8.50
Switzerland	8.20
United Kingdom	71.25
Covered	413.80
Not Covered	-8.80
Envelope	405.00

TELECOMMUNICATION AND INTEGRATED APPLICATIONS

Pillar: Applications

I. General information

Programme Programme of Advanced Research in Telecommunications Systems (ARTES) 4.0		Generic Programme Line/Strategic Programme Line Future Preparation (FP) Period 2 Core Competitiveness (CC) Period 2 Partnership Projects (PP) Period 2 Business Applications Space Solutions (BASS) Period 2 Space for 5G/6G and Sustainable Connectivity Space Systems for Safety and Security (4S) Optical & Quantum Communication - ScyLight		
Financial Envelope Future Preparation (FP) Period 2: 45 M€ Core Competitiveness (CC) Period 2: 255 M€ Partnership Projects (PP) Period 2: 200 M€ Business Applications Space Solutions (BASS) Period 2: 200 M€ Space for 5G/6G and Sustainable Connectivity: 345.53 M€ Space Systems for Safety and Security (4S): 425.89 M€ Optical & Quantum Communication - ScyLight: 442.81 M€	Economic Conditions 2022 2022 2022 2019 2019 2019	Acronym FP P2 CC P2 PP P2 BASS P2 5G/6G 4S	Period / Phase Period 2 Period 2 Period 2 Period 2	Threshold

II. Extract from Declaration:

ESA/JCB/CCXXXIX/Dec. 1, rev. 10 (Final), attached to ESA/C-M(2022)17, rev.1

Participating States	Generic Programme Line (GPL)				Strategic Programme Line (SPL)		
	Future Preparation Period 2 M€	Core Competitiveness Period 2 M€	Partnership Projects (PP) Period 2 M€	Business Applications Space Solutions Period 2 M€	Space for 5G/6G and Sustainable Connectivity M€	Space Systems for Safety and Security (4S) M€	Optical & Quantum Communication - ScyLight M€
Austria	0.20	10.10		1.50	1.20 + 0.48	5.42 + 5.00	2.00 + 1.93
Belgium	1.00	59.00	1.20	10.00	+ 14.44	11.97 + 24.08	5.00 + 4.81
Czech Republic	0.20	1.00	4.82	1.00		6.59 + 5.25	3.84 + 0.48
Denmark	0.25	1.00		0.75		0.58 +	
Estonia	0.10			1.00		+ 4.00	0.67 + 0.50
Finland	0.20	4.00		2.20	3.20 + 2.41	1.05 + 2.41	
France	1.60	78.40		10.00		9.99 +	11.35 +
Germany	2.40	50.00		18.82	13.00 + 20.67	60.00 + 57.78	78.02 + 54.88
Greece	1.00	1.00	1.00		3.00 + 2.89	2.00 + 1.93	7.00 + 6.74
Hungary	0.30	1.50			2.00 +	3.00 + 1.45	3.00 + 0.96
Ireland	0.25	3.00	1.50	4.00	1.00 + 0.96	1.65 + 0.96	1.00 + 1.44
Italy	3.00	27.00	5.50	27.00	21.47 + 16.37	36.31 + 66.44	15.97 + 40.44
Luxembourg	0.50	18.00	7.00	5.00	9.28 + 2.41	41.60 + 21.19	2.40 +
Netherlands	1.00	5.00	5.00	6.00	0.49 + 0.96	5.25 + 9.62	14.15 + 42.56
Norway	0.90	5.00		5.37	2.25 + 0.59	3.00 - 1.32	5.65 - 5.65
Poland	0.40	1.60		1.50		1.00 + 1.00	3.00 + 1.50
Portugal	0.20	3.00		5.00	1.90 + 0.48	1.73 +	1.50 + 2.89
Romania	0.60	1.00	1.00	1.00	3.20 + 1.00	4.00 +	6.02 +
Spain	2.00				0.60 +	1.77 +	0.60 +
Sweden	0.30	10.00		2.50	1.20 + 2.89		1.30 + 2.89
Switzerland	1.80	3.50	10.00	3.50	3.41 +	12.83 + 2.41	16.00 + 2.41
United Kingdom	4.67	47.43	4.68	20.00	98.38 + 76.24	36.72 + 0.96	15.71 + 24.08
Lithuania	0.02						0.28 + 0.70
Slovenia	0.06			0.84			
Canada	0.20	5.90	1.40		1.80 + 1.44	1.28 + 0.67	2.79 + 3.37
Covered	23.15	336.43	43.10	126.98	167.38 + 144.23	247.74 + 203.83	197.25 + 186.93
Not Covered	21.85	-81.43	156.90	73.02	178.15 - 144.23	178.15 - 203.83	245.56 - 186.93
Envelope	45.00	255.00	200.00	200.00	345.53	425.89	442.81

Pillar: Applications

I. General information

<u>Programme</u> Programme of Advanced Research in Telecommunications Systems (ARTES) 4.0		<u>Project</u> Partnership Projects (PP) Period 2 - Leo NG - Aidan Next - Project Green - Pioneer 4.0 Corvus - Future Projects PP2		
<u>Financial Envelope</u> 200 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> PP P2	<u>Period / Phase</u> Period 2	<u>Threshold</u>

II. Extract from Declaration:

ESA/JCB/CCXXXIX/Dec. 1, rev. 10 (Final), attached to ESA/C-M(2022)17, rev.1

Participating States	Leo NG M€	Aidan Next M€	Project Green M€	Pioneer 4.0 Corvus M€	Future Projects PP2 M€	Partnership Projects (PP) Period 2 M€
Belgium					1.20	1.20
Czech Republic				4.82		4.82
Greece					1.00	1.00
Ireland		1.50				1.50
Italy		2.00			3.50	5.50
Luxembourg					7.00	7.00
Netherlands		2.50	2.50			5.00
Romania					1.00	1.00
Switzerland		5.00	5.00			10.00
United Kingdom						4.68
Canada					1.40	1.40
Covered						43.10
Not Covered						156.90
Envelope						200.00

Pillar: Applications

I. General information

<u>Programme</u> Programme of Advanced Research in Telecommunications Systems (ARTES) 4.0		<u>Project</u> Space for 5G/6G and Sustainable Connectivity - Sunrise Phase 2 - 5G-EMERGE - Sunrise Phase 3 - Other Activities (5G/6G)		
<u>Financial Envelope</u> 345.53 M€	<u>Economic Conditions</u> 2019	<u>Acronym</u> 5G/6G	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/JCB/CCXXXIX/Dec. 1, rev. 10 (Final), attached to ESA/C-M(2022)17, rev.1

Participating States	Space for 5G/6G and Sustainable Connectivity M€	Sunrise Phase 2 M€	5G-EMERGE M€	Sunrise Phase 3 M€	Other Activities M€
Austria	1.20 + 0.48			0.24	1.20 + 0.24
Belgium	+ 14.44				+ 14.44
Finland	3.20 + 2.41				3.20 + 2.41
Germany	13.00 + 20.67				13.00 + 20.67
Greece	3.00 + 2.89				3.00 + 2.89
Hungary	2.00 +				2.00 +
Ireland	1.00 + 0.96				1.00 + 0.96
Italy	21.47 + 16.37	1.00 +	1.30 +	3.85	19.17 + 12.52
Luxembourg	9.28 + 2.41		1.70 +		7.58 + 2.41
Netherlands	0.49 + 0.96		0.49 + 0.96		
Norway	2.25 + 0.59		1.40 + 1.44		0.85 - 0.85
Portugal	1.90 + 0.48				1.90 + 0.48
Romania	3.20 + 1.00	1.00 +			2.20 + 1.00
Spain	0.60 +				0.60 +
Sweden	1.20 + 2.89		0.59 +		0.61 + 2.89
Switzerland	3.41 +	0.16 +	2.91 +		0.34 +
United Kingdom	98.38 + 76.24	68.38 +	1.00 +	23.11	29.00 + 53.13
Canada	1.80 + 1.44	0.30 +			1.50 + 1.44
Covered	167.38 + 144.23				
Not Covered	178.15 - 144.23				
Envelope	345.53				

Pillar: Applications

I. General information

<u>Programme</u> Programme of Advanced Research in Telecommunications Systems (ARTES) 4.0		<u>Project</u> Space Systems for Safety and Security (4S) - EAGLE-1 - Iris Satcom Global Solution - SAGA - INT-UQKD - Next Generation Quantum Satellites - Other Activities (4S)		
<u>Financial Envelope</u> 425.89 M€	<u>Economic Conditions</u> 2019	<u>Acronym</u> 4S	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/JCB/CCXXXIX/Dec. 1, rev. 10 (Final), attached to ESA/C-M(2022)17, rev.1

Participating States	Space Systems for Safety and Security (4S) M€	EAGLE-1 M€	Iris Satcom Global Solution M€	SAGA M€	INT-UQKD M€	Next Generation Quantum Satellites M€	Other Activities M€
Austria	5.42 + 5.00	1.32 + 1.00	2.40 + 1.00	1.70 + 1.00		1.00	+ 1.00
Belgium	11.97 + 24.08				+ 1.16		11.97 + 22.92
Czech Republic	6.59 + 5.25	0.55 +	4.80 + 2.60	0.45 +		2.65	0.79 +
Denmark	0.58 +						0.58 +
Estonia	+ 4.00						+ 4.00
Finland	1.05 + 2.41						1.05 + 2.41
France	9.99 +		3.00 +	5.99 +			1.00 +
Germany	60.00 + 57.78			40.00 + 9.63			20.00 + 48.15
Greece	2.00 + 1.93						2.00 + 1.93
Hungary	3.00 + 1.45			+ 0.58			3.00 + 0.87
Ireland	1.65 + 0.96		0.65 +	+ 0.48		0.48	1.00 +
Italy	36.31 + 66.44	+ 1.54	8.08 + 2.31	18.23 + 57.78			10.00 + 4.81
Luxembourg	41.60 + 21.19	26.50 +		0.37 +	5.40 +		9.33 + 21.19
Netherlands	5.25 + 9.62	4.95 + 4.81		0.30 + 4.81			
Norway	3.00 - 1.32						3.00 - 1.32
Poland	1.00 + 1.00			1.00 + 1.00			
Portugal	1.73 +						1.73 +
Romania	4.00 +		1.00 +	2.00 +			1.00 +
Spain	1.77 +						1.77 +
Switzerland	12.83 + 2.41	3.16 +	0.24 +	7.00 +			2.43 + 2.41
United Kingdom	36.72 + 0.96		20.00 +	1.00 +		0.96	15.72 +
Canada	1.28 + 0.67				1.28 +		+ 0.67
Covered	247.74 + 203.83						
Not Covered	178.15 - 203.83						
Envelope	425.89						

Pillar: Applications

I. General information

<u>Programme</u> Programme of Advanced Research in Telecommunications Systems (ARTES) 4.0		<u>Project</u> Optical & Quantum Communication - ScyLight - HydRON - Other Activities (ScyLight)		
<u>Financial Envelope</u> 442.81 M€	<u>Economic Conditions</u> 2019	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/JCB/CCXXXIX/Dec. 1, rev. 10 (Final), attached to ESA/C-M(2022)17, rev.1

Participating States	Optical & Quantum Communication - ScyLight M€	HydRON M€	Other Activities M€
Austria	2.00 + 1.93		2.00 + 1.93
Belgium	5.00 + 4.81		5.00 + 4.81
Czech Republic	3.84 + 0.48	2.00 - 2.00	1.84 + 2.48
Estonia	0.67 + 0.50		0.67 + 0.50
France	11.35 +		11.35 +
Germany	78.02 + 54.88	20.00 + 4.81	58.02 + 50.07
Greece	7.00 + 6.74		7.00 + 6.74
Hungary	3.00 + 0.96	+ 0.96	3.00 +
Ireland	1.00 + 1.44		1.00 + 1.44
Italy	15.97 + 40.44	10.00 + 36.59	5.97 + 3.85
Luxembourg	2.40 +		2.40 +
Netherlands	14.15 + 42.56	+ 2.89	14.15 + 39.67
Norway	5.65 - 5.65		5.65 - 5.65
Poland	3.00 + 1.50	2.00 + 0.50	1.00 + 1.00
Portugal	1.50 + 2.89		1.50 + 2.89
Romania	6.02 +	2.50 +	3.52 +
Spain	0.60 +		0.60 +
Sweden	1.30 + 2.89		1.30 + 2.89
Switzerland	16.00 + 2.41	4.50 +	11.50 + 2.41
United Kingdom	15.71 + 24.08	1.00 +	14.71 + 24.08
Lithuania	0.28 + 0.70		0.28 + 0.70
Canada	2.79 + 3.37	0.70 + 1.93	2.09 + 1.44
Covered	197.25 + 186.93		
Not Covered	245.56 - 186.93		
Envelope	442.81		

Pillar: Applications

I. General information

<u>Programme</u> Moonlight		<u>Element</u> N/A		
<u>Financial Envelope</u> 225 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u>	<u>Period / Phase</u> N/A	<u>Threshold</u> 67%

II. Extract from Declaration:

ESA/JCB/CCL/Dec.1 (Final), attached to ESA/C-M(2022)18

Participating States	Moonlight M€
Czech Republic	0.10
Hungary	1.00
Italy	75.00
Luxembourg	1.00
Norway	0.50
Portugal	0.70
Spain	10.00
Switzerland	4.50
United Kingdom	60.02
Covered	152.82
Not Covered	72.18
Envelope	225.00

Pillar: Applications

I. General information

<u>Programme</u> Civil Security from Space		<u>Project</u> Indicated Contribution Line 1 Indicated Contribution Line 2		
<u>Financial Envelope</u> 100 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/JCB/CCL/Dec.2 (Final), attached to ESA/C-M(2022)19

Participating States	Civil Security from Space M€	Indicated Contribution Line 1 M€	Indicated Contribution Line 2 M€
Austria	2.50	2.00	0.50
Belgium	10.50	5.25	5.25
Czech Republic	0.75	0.50	0.25
Denmark	0.50	0.25	0.25
Estonia	0.50	0.50	
Finland	5.50	0.50	5.00
Hungary	1.50	0.80	0.70
Poland	1.00	0.50	0.50
Portugal	0.40	0.40	
Romania	0.30		0.30
Spain	5.00		5.00
Switzerland	0.50	0.50	
Covered	28.95		
Not Covered	71.05		
Envelope	100.00		

Pillar: Applications

I. General information

<u>Programme</u> ESA Programme Related to EU Secure Connectivity - Element 1		<u>Element</u> Secure Connectivity, Phase 1 Secure Connectivity, Phase 2		
<u>Financial Envelope</u> Secure Connectivity, Phase 1: 35 M€ Secure Connectivity, Phase 2: 685 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u> Phase 1 - 75% Phase 2 - 60%

II. Extract from Declaration:

ESA/JCB/CCLI/Dec.1 (Final), attached to ESA/C-M(2022)20

Participating States	Secure Connectivity, Phase 1 M€	Secure Connectivity, Phase 2 M€	Total M€
Austria	0.45	5.55	6.00
Belgium	0.75	23.25	24.00
Czech Republic	0.10	2.30	2.40
Denmark	0.03	0.97	1.00
Finland	0.40	4.60	5.00
France	13.00	287.00	300.00
Germany	10.00	179.00	189.00
Ireland	0.06	1.94	2.00
Italy	2.50	47.50	50.00
Netherlands	0.10	2.90	3.00
Norway	0.21	4.30	4.51
Poland	0.04	0.96	1.00
Portugal	0.07	2.13	2.20
Romania	0.10	2.00	2.10
Spain	1.50	40.00	41.50
Sweden	0.11	3.60	3.71
Switzerland	1.50	5.00	6.50
Covered	30.92	613.00	643.92
Not Covered	4.08	72.00	76.08
Envelope	35.00	685.00	720.00

Pillar: Applications

I. General information

<u>Programme</u> ESA Programme related to EU Secure Connectivity Element 2		<u>Element</u> Secure Connectivity Element 2		
<u>Financial Envelope</u> Secure Connectivity Element 2: 30 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/JCB/CCLI/Dec.1 (Final), attached to ESA/C-M(2022)20

Participating States	Secure Connectivity Element 2 M€
Covered	
Not Covered	
Envelope	30.00

NAVIGATION

Pillar: Applications

I. General information

<u>Programme</u> Navigation Innovation and Support Programme		<u>Element</u> NAVISP - Phase 3 Element 1 NAVISP - Phase 3 Element 2 NAVISP - Phase 3 Element 3		
<u>Financial Envelope</u> NAVISP - Phase 3 Element 1: 30 M€ NAVISP - Phase 3 Element 2: 60 M€ NAVISP - Phase 3 Element 3: 30 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> NAVISP	<u>Period / Phase</u> Phase 3	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-NAV/XCIX/Dec.1, rev. 12 (Final), attached to ESA/C-M(2022)21

Participating States	NAVISP - Phase 3 Element 1 M€	NAVISP - Phase 3 Element 2 M€	NAVISP - Phase 3 Element 3 M€	Total M€
Austria	0.30	0.70		1.00
Belgium		1.75	1.75	3.50
Czech Republic		1.00	1.80	2.80
Finland	1.00	0.50		1.50
France	2.00	3.00		5.00
Germany	2.61	3.17		5.78
Greece	0.90			0.90
Hungary	1.00	3.00	1.00	5.00
Ireland		1.25		1.25
Italy	6.00	9.00	5.00	20.00
Netherlands			1.00	1.00
Norway	0.50	2.50	1.00	4.00
Poland		1.00		1.00
Portugal	0.50			0.50
Romania	0.40	0.70	0.50	1.60
Spain	1.50	6.00		7.50
Sweden		0.50		0.50
Switzerland	1.70	3.40		5.10
United Kingdom	9.00	14.00	9.00	32.00
Canada		1.20		1.20
Covered	27.41	52.67	21.05	101.13
Not Covered	2.59	7.33	8.95	
Envelope	30.00	60.00	30.00	

Pillar: Applications

I. General information

<u>Programme</u> FutureNAV		<u>Element</u> Component 1 LEO PNT Component 2 GENESIS		
<u>Financial Envelope</u> Component 1 LEO PNT: 100 M€ Component 2 GENESIS: 80 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u> 80%

II. Extract from Declaration:

ESA/PB-NAV/CXXIV/Decl. 1 (Final), attached to ESA/C-M(2022)22

Participating States	Component 1 LEO PNT M€	Component 2 GENESIS M€	Total M€
Austria	4.00		4.00
Belgium	5.00	21.00	26.00
Finland	2.00		2.00
France	50.00	8.00	58.00
Germany	5.28		5.28
Hungary	0.50	0.50	1.00
Italy	25.00	30.00	55.00
Norway	2.50		2.50
Portugal	1.00		1.00
Romania	0.70		0.70
Spain	45.00		45.00
Sweden	4.00		4.00
Switzerland	2.40	4.50	6.90
United Kingdom	4.00	0.52	4.52
Covered	151.38	64.52	215.90
Not Covered	-51.38	15.48	
Envelope	100.00	80.00	

SPACE SAFETY

Pillar: Space Safety

I. General information

<u>Programme</u> Space Safety Programme		<u>Activity Area</u> COSMIC Cornerstone 1 Vigil Mission Cornerstone 2 Hera Mission Cornerstone 3 ADRIOS		
<u>Financial Envelope</u> 910 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> S2P P2	<u>Period / Phase</u> Period 2	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-SSA/XLVII/Dec.1, rev. 4 (Final), attached to ESA/C-M(2022)23

Participating States	Space Safety Programme M€	COSMIC M€	Cornerstone 1 Vigil Mission M€	Cornerstone 2 Hera Mission M€	Cornerstone 3 ADRIOS M€
Austria	5.00	3.50	1.00	0.50	
Belgium	51.00	26.00	3.00	22.00	
Czech Republic	15.90	2.40	2.00	10.00	1.50
Denmark	4.30				
Estonia	1.50	1.50			
Finland	7.00	5.50		1.50	
France	38.00	20.00	6.00	12.00	
Germany	155.11	24.35	30.00	72.38	28.38
Greece	1.00				
Hungary	5.70				
Italy	147.00	40.00	15.00	32.00	60.00
Luxembourg	35.30		1.30	8.00	26.00
Netherlands	1.00			1.00	
Norway	5.40	5.40			
Poland	4.00	3.60		0.40	
Portugal	12.17	3.60			
Romania	10.33	3.40	0.80	4.65	1.48
Spain	33.00	15.00	1.00	12.00	5.00
Sweden	29.00	13.00	5.00		11.00
Switzerland	36.50	1.00		4.00	29.00
United Kingdom	130.00	15.00	95.00		20.00
Slovakia	1.72				
Canada	3.10	1.60			1.50
Covered	733.03				
Not Covered	176.97				
Envelope	910.00				

SPACE TRANSPORTATION SYSTEMS

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Product Adaptations of Ariane 6, Vega and P120C		<u>Element</u> Ariane 6 Product Adaptations Element		
<u>Financial Envelope</u> 405 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-ST/CCCXXV/Dec. 1 (Final), attached to ESA/C-M(2022)24

Participating States	Ariane 6 Product Adaptations Element M€
Belgium	7.00
Czech Republic	0.60
France	223.00
Germany	90.00
Ireland	2.00
Italy	1.00
Netherlands	10.00
Spain	19.50
Sweden	1.00
Switzerland	3.50
Covered	357.60
Not Covered	47.40
Envelope	405.00

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Product Adaptations of Ariane 6, Vega and P120C		<u>Element</u> Vega C Product Adaptations Sub Element Vega E Development Sub Element		
<u>Financial Envelope</u> Vega C Product Adaptations Sub Element: 140 M€ Vega E Development Sub Element: 365 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-ST/CCCXXV/Dec. 1 (Final), attached to ESA/C-M(2022)24

Participating States	Vega C Product Adaptations Sub Element M€	Vega E Development Sub Element M€
Austria		6.60
Belgium	2.00	18.58
Czech Republic	4.00	
France	1.00	14.00
Ireland	1.00	1.00
Italy	100.00	245.00
Netherlands		6.90
Norway		1.30
Romania		8.80
Spain	5.00	10.00
Switzerland	1.10	9.00
Covered	114.10	321.18
Not Covered	25.90	43.82
Envelope	140.00	365.00

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Product Adaptations of Ariane 6, Vega and P120C		<u>Element</u> P120C Product Adaptations Element		
<u>Financial Envelope</u> 202 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-ST/CCCXXV/Dec. 1 (Final), attached to ESA/C-M(2022)24

Participating States	P120C Product Adaptations Element M€
France	91.00
Italy	110.00
Norway	1.00
Covered	202.00
Not Covered	-
Envelope	202.00

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Ariane 6 and P120C Transition Programme		<u>Element</u> Ariane 6 and P120C Transition Programme Step 3		
<u>Financial Envelope</u> 195 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> A6TP S3	<u>Period / Phase</u>	<u>Threshold</u> 75%

II. Extract from Declaration:

ESA/PB-LAU/CCC/Dec. 1, rev.7 (Final) , attached to ESA/C-M(2022)25

Participating States	Ariane 6 and P120C Transition Programme Step 3 M€
Austria	1.35
Belgium	13.00
Czech Republic	4.50
France	47.00
Germany	72.00
Italy	25.00
Netherlands	11.50
Norway	1.90
Spain	14.00
Sweden	7.80
Switzerland	11.50
Covered	209.55
Not Covered	-14.55
Envelope	195.00

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Launchers Exploitation Accompaniment Programme		<u>Element</u> LEAP Ariane 6 Exploitation Accompaniment 2023-2025		
<u>Financial Envelope</u> 318.33 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-LAU/CCLXVIII/Dec.1, rev.10 (Final), attached to ESA/C-M(2022)26

Participating States	Ariane 6 Exploitation Accompaniment 2023-2025 M€
Austria	0.10
Belgium	15.00
Czech Republic	1.05
France	178.33
Germany	52.00
Ireland	0.45
Italy	13.00
Netherlands	2.00
Norway	0.81
Spain	7.10
Sweden	1.50
Switzerland	3.50
Covered	274.84
Not Covered	43.49
Envelope	318.33

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Launchers Exploitation Accompaniment Programme		<u>Element</u> LEAP Vega Exploitation Accompaniment 2023-2025		
<u>Financial Envelope</u> 92 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-LAU/CCLXVIII/Dec.1, rev.10 (Final), attached to ESA/C-M(2022)26

Participating States	Vega Exploitation Accompaniment 2023-2025 M€
Austria	0.30
Belgium	5.00
France	14.00
Ireland	0.05
Italy	50.00
Netherlands	1.00
Norway	0.26
Spain	3.00
Sweden	1.10
Switzerland	0.90
Covered	75.61
Not Covered	16.39
Envelope	92.00

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Future Launchers Preparatory Programme		<u>Element</u> FLPP Technology Disruptors and Space Logistics Element		
<u>Financial Envelope</u> 284.66 M€	<u>Economic Conditions</u> 2019	<u>Acronym</u> FLPP	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-ARIANE/CCI/Dec. 1, rev. 25 (Final), attached to ESA/C-M(2022)27

Participating States	FLPP Technology Disruptors and Space Logistics Element M€		
Austria	1.09	+	1.71
Belgium	8.81	+	12.37
Czech Republic	2.52	+	3.85
France	5.00	+	
Germany	108.21	+	83.78
Ireland	2.66	+	0.48
Italy		+	9.63
Netherlands	5.50	+	4.43
Norway	5.20	+	7.08
Poland		+	3.00
Romania	3.00	+	
Spain	4.00	+	7.70
Sweden	18.00	+	4.81
Switzerland	5.00	+	8.19
Covered	168.99	+	147.03
Not Covered	115.67	-	147.03
Envelope	284.66		

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Future Launchers Preparatory Programme		<u>Element</u> FLPP Prometheus Element		
<u>Financial Envelope</u> 382.43 M€	<u>Economic Conditions</u> 2019	<u>Acronym</u> FLPP	<u>Period / Phase</u>	<u>Threshold</u> 65%

II. Extract from Declaration:

ESA/PB-ARIANE/CCI/Dec. 1, rev. 25 (Final), attached to ESA/C-M(2022)27

Participating States	FLPP Prometheus Element M€		
Austria	0.85	-	0.85
Belgium	6.38	+	14.44
France	100.00	+	150.22
Germany	35.00	+	34.27
Italy	3.00	+	
Netherlands	2.50	+	4.33
Sweden	4.50	+	16.37
Switzerland	1.00	+	0.96
Covered	153.23	+	219.74
Not Covered	229.20	-	219.74
Envelope	382.43		

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Future Launchers Preparatory Programme		<u>Element</u> FLPP Themis/Reusability Element		
<u>Financial Envelope</u> 261.8 M€	<u>Economic Conditions</u> 2019	<u>Acronym</u> FLPP	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-ARIANE/CCI/Dec. 1, rev. 25 (Final), attached to ESA/C-M(2022)27

Participating States	FLPP Themis/Reusability Element M€		
Belgium	1.96	+	7.70
France	25.00	+	48.15
Hungary		+	0.48
Netherlands		+	1.44
Poland		+	0.50
Spain		+	6.26
Sweden	7.20	+	7.12
Switzerland	2.03	+	9.63
Covered	36.19	+	81.28
Not Covered	225.61	-	81.28
Envelope	261.80		

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Future Launchers Preparatory Programme		<u>Element</u> FLPP Reusable Upper Stage Demonstration Element		
<u>Financial Envelope</u> 80 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> FLPP	<u>Period / Phase</u>	<u>Threshold</u> 50%

II. Extract from Declaration:

ESA/PB-ARIANE/CCI/Dec. 1, rev. 25 (Final), attached to ESA/C-M(2022)27

Participating States	FLPP Reusable Upper Stage Demonstration Element M€
Belgium	3.00
Italy	41.00
Spain	3.74
Switzerland	2.00
Covered	49.74
Not Covered	30.26
Envelope	80.00

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Future Launchers Preparatory Programme		<u>Element</u> Human Space Transportation Element		
<u>Financial Envelope</u> 30 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> FLPP	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-ARIANE/CCI/Dec. 1, rev. 25 (Final), attached to ESA/C-M(2022)27

Participating States	Human Space Transportation Element M€
Belgium	1.00
France	7.50
Italy	10.00
Spain	1.00
Switzerland	1.00
Covered	20.50
Not Covered	9.50
Envelope	30.00

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Commercial Space Transportation Services and Support Programme - Boost!		<u>Element</u> Boost! 1 Boost! 2 Boost! 3		
<u>Financial Envelope</u> Boost! 1: 133.398 M€ Boost! 2: 9.81 M€ Boost! 3: 50 M€	<u>Economic Conditions</u> 2019 2019 2022	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/PB-LAU/CCCVIII/Dec.2,rev.5 (Final), attached to ESA/C-M(2022)28

Participating States	Boost! 1 M€	Boost! 2 M€	Boost! 3 M€
Austria	+ 5.778		
Belgium	+ 1.926		
France			2.00
Germany	27.500 + 7.704		23.00
Greece		2.000 + 1.926	
Italy	5.000 + 4.815		3.00
Netherlands	+ 0.481		
Norway	0.400 + 0.481	0.600 +	
Poland	+ 0.500		
Portugal	2.425 + 0.770	0.075 + 0.193	0.20
Romania	0.800 +	0.200 + 1.000	
Spain	+ 2.889		3.00
Sweden	0.640 + 0.960		
Switzerland	0.433 + 2.407		
United Kingdom	14.350 + 13.482	0.650 + 0.963	
Covered	51.548 + 42.193	3.525 + 4.082	31.20
Not Covered	81.850 - 42.193	6.285 - 4.082	18.80
Envelope	133.398	9.810	50.00

Pillar: Space Transportation Systems

I. General information

<u>Programme</u> Reusable In-orbit Demonstrator for Europe		<u>Element</u> Space Rider Step 3.1 - CSI Element Space Rider Step 3.1 - Evolution Element		
<u>Financial Envelope</u> Space Rider Step 3.1 - CSI Element: 102 M€ Space Rider Step 3.1 - Evolution Element: 8 M€	<u>Economic Conditions</u> 2022	<u>Acronym</u> Space Rider	<u>Period / Phase</u>	<u>Threshold</u> 60% 50%

II. Extract from Declaration:

ESA/PB-LAU/CCLXVII/Dec.2, rev.5 (Final), attached to ESA/C-M(2022)29

Participating States	Space Rider Step 3.1 - CSI Element M€	Space Rider Step 3.1 - Evolution Element M€
Belgium	2.00	
Czech Republic	8.00	
France	4.00	
Ireland	1.00	
Italy	51.00	
Norway	0.30	
Portugal	1.50	
Romania	8.70	
Spain	5.00	
Switzerland	3.00	
Covered	84.50	
Not Covered	17.50	
Envelope	102.00	8.00

TECHNOLOGY AND OPERATIONS

Pillar: Technology and Operations

I. General information

<u>Programme</u> General Support Technology Programme		<u>Element</u> GSTP - Element 1 - "Develop" GSTP - Element 2 - "Make" GSTP - Element 3 - "Fly"		
<u>Financial Envelope</u> Correspond to 'Covered'	<u>Economic Conditions</u> c.e.c.	<u>Acronym</u> GSTP	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/IPC/CXXIX/Dec.1, rev.38 (Final), attached to ESA/C-M(2022)30

Participating States	GSTP - Element 1 - "Develop" M€	GSTP - Element 2 - "Make" M€	GSTP - Element 3 - "Fly" M€
Austria	7.60		
Belgium	55.00	48.00	2.50
Czech Republic	-3.00		
Denmark	1.50	1.50	
Estonia	4.00		
Finland	5.00	2.00	1.00
France	18.00	18.00	4.00
Germany	26.20	8.60	5.20
Greece	0.50	0.90	1.00
Hungary	4.00		
Ireland	1.00	1.00	
Italy	35.00	20.00	10.00
Luxembourg			2.00
Netherlands	7.00		
Norway	5.00		30.00
Poland	5.74		
Portugal	9.80		
Romania	4.00		1.70
Spain	5.00	5.00	
Sweden	8.50		
Switzerland	3.50	7.70	2.00
United Kingdom	31.68	6.00	4.00
Latvia	0.72		
Lithuania	1.00		
Slovakia	3.00		
Slovenia	4.20	1.20	
Canada		1.50	0.30
Covered	243.94	121.40	63.70

Pillar: Technology and Operations

I. General information

<u>Programme</u> General Support Technology Programme		<u>Element</u> EEE component		
<u>Financial Envelope</u> 155 M€	<u>Economic Conditions</u> c.e.c.	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u> 30 M€

II. Extract from Declaration:

ESA/IPC/CXXIX/Dec.1, rev.38 (Final), attached to ESA/C-M(2022)30

Participating States	EEE component M€
Austria	0.50
Belgium	25.00
Germany	10.00
Ireland	0.50
Italy	17.50
Norway	2.00
Sweden	3.00
Switzerland	2.50
United Kingdom	15.18
Covered	76.18
Not Covered	78.82
Envelope	155.00

Pillar: Technology and Operations

I. General information

<u>Programme</u> General Support Technology Programme		<u>Element</u> ENDURE component		
<u>Financial Envelope</u> 40 M€	<u>Economic Conditions</u> c.e.c.	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u> 10 M€

II. Extract from Declaration:

ESA/IPC/CXXIX/Dec.1, rev.38 (Final), attached to ESA/C-M(2022)30

Participating States	ENDURE component M€
Belgium	1.00
Italy	2.00
Switzerland	0.30
United Kingdom	26.00
Covered	29.30
Not Covered	10.70
Envelope	40.00

COMMERCIALISATION

Pillar: Commercialisation

I. General information

<u>Programme</u> ScaleUp		<u>Element</u> Element 1 INNOVATE Element 2 INVEST		
<u>Financial Envelope</u> Correspond to 'Covered'	<u>Economic Conditions</u> 2022	<u>Acronym</u>	<u>Period / Phase</u>	<u>Threshold</u>

II. Extract from Declaration:

ESA/IPC/CCCXXXIV/Dec.1 (Final), attached to ESA/C-M(2022)31

Participating States	Element 1 INNOVATE M€	Element 2 INVEST M€
Austria	6.40	0.50
Belgium	4.00	11.00
Czech Republic	1.55	
Estonia	0.75	
Finland	6.00	1.00
France	5.00	
Germany	18.00	4.00
Greece	1.00	
Ireland	1.00	
Italy	5.00	
Luxembourg	1.50	3.50
Netherlands	6.00	
Norway	6.00	
Poland	1.00	
Portugal	1.50	
Romania	0.50	
Spain	12.00	
Sweden	3.50	
Switzerland	10.50	1.00
United Kingdom	4.67	
Latvia	0.35	
Lithuania	0.08	
Slovakia	0.30	
Covered	96.60	21.00

AMOUNTS TO BE ALLOCATED

The following States have indicated the amounts below for future financial contributions yet to be allocated by them to the financial envelopes in the Programmes ARTES 4.0 or GSTP.

NAME OF PROGRAMME	PARTICIPATING STATE	AMOUNT M€
ARTES 4.0 - TBA 2022	Norway	5.23
ARTES 4.0 - TBA 2022	Spain	-30.00
ARTES 4.0 - TBA 2022	Switzerland	20.00
General Support Technology Programme - To be Allocated (TBA)	Norway	7.00

COMPLEMENTARY CONTRIBUTIONS TO ON-GOING PROGRAMMES

Some participating States confirmed complementary subscriptions to on-going programmes listed in the table below. Their subscription listed below will be included in the relevant programme Declarations.

For reasons of traceability, the below table shows also, with a minus (-), the amounts transferred from a Transferring Programme to another programme. Detailed information on the transfers is shown on a dedicated page at the end of the document.

Any amounts presented in the below table for the LEAP A5 Supplementary 2020 to completion Cost Overrun represent the ceilings for this cost overrun announced by the respective participating State.

NAME OF PROGRAMME	PARTICIPATING STATE	ECONOMIC CONDITIONS	AMOUNT M€
Ariane 6 Competitiveness Improvements	Austria	2019	3.66
Novacom I	Austria	2019	0.39
Novacom I	Germany	2019	10.00
Novacom I	Netherlands	2019	3.08
Cornerstone Mission 1 Lagrange	Portugal	2019	-1.70
Novacom II	Czech Republic	2019	3.41
HummingSat	Austria	2019	1.93
HummingSat	Germany	2019	10.00
HummingSat	Netherlands	2019	0.77
HummingSat	Norway	2019	1.93
HummingSat	Sweden	2019	2.60
HummingSat	Switzerland	2019	12.00
Future Projects PP1	Germany	2019	-55.00
Future Projects PP1	Norway	2019	-0.25
FutureEO Segment 1	Czech Republic	2019	-1.00
Earth Watch - ALTIUS	Belgium	2016	18.82
Earth Watch - ALTIUS	Canada	2016	0.85
LEAP Ariane Classical & MCO 2017-End A5	France	2016	-14.62
Core Competitiveness (CC) Period 1	Norway	2019	-7.90
Earth Watch - Global Development Assistance (GDA)	Austria	2019	1.44
Earth Watch - Global Development Assistance (GDA)	France	2019	1.93
Earth Watch - Global Development Assistance (GDA)	Italy	2019	1.93
Pioneer S.E. 7 Future Projects Allocation	Norway	2016	-1.00
Partner Element, Sub-element 11 (QKD Sat)	Belgium	2016	0.75
Large Platform Element, Sub-element 2.2	Germany	2006	2.36
Large Platform Element, Sub-element 2.2	Italy	2006	2.36
Scientific Experiment Development Programme (PRODEX)	Austria	c.e.c.	-2.00
Scientific Experiment Development Programme (PRODEX)	Belgium	c.e.c.	78.00
Scientific Experiment Development Programme (PRODEX)	Czech Republic	c.e.c.	-2.00

NAME OF PROGRAMME	PARTICIPATING STATE	ECONOMIC CONDITIONS	AMOUNT M€
Scientific Experiment Development Programme (PRODEX)	Denmark	c.e.c.	2.00
Scientific Experiment Development Programme (PRODEX)	Estonia	c.e.c.	2.40
Scientific Experiment Development Programme (PRODEX)	Finland	c.e.c.	2.00
Scientific Experiment Development Programme (PRODEX)	Greece	c.e.c.	0.40
Scientific Experiment Development Programme (PRODEX)	Hungary	c.e.c.	10.00
Scientific Experiment Development Programme (PRODEX)	Ireland	c.e.c.	0.50
Scientific Experiment Development Programme (PRODEX)	Netherlands	c.e.c.	5.00
Scientific Experiment Development Programme (PRODEX)	Norway	c.e.c.	11.00
Scientific Experiment Development Programme (PRODEX)	Poland	c.e.c.	4.00
Scientific Experiment Development Programme (PRODEX)	Portugal	c.e.c.	4.00
Scientific Experiment Development Programme (PRODEX)	Switzerland	c.e.c.	50.00
Scientific Experiment Development Programme (PRODEX)	Slovenia	c.e.c.	0.60
ACEP	France	2006	-0.63
LEAP A5 Supplementary 2020 to Completion Cost Overrun	Belgium	2019	3.39
LEAP A5 Supplementary 2020 to Completion Cost Overrun	France	2019	9.63
LEAP A5 Supplementary 2020 to Completion Cost Overrun	Germany	2019	12.82
LEAP A5 Supplementary 2020 to Completion Cost Overrun	Netherlands	2019	1.25
LEAP A5 Supplementary 2020 to Completion Cost Overrun	Spain	2019	1.60
LEAP A5 Supplementary 2020 to Completion Cost Overrun	Sweden	2019	0.89
LEAP A5 Supplementary 2020 to Completion Cost Overrun	Switzerland	2019	2.31

The following States announced their financial commitments to the following activities carried out in accordance with Articles V.2, IX.2 and/or VI of the Convention:

ACTIVITY	STATE	ECONOMIC CONDITIONS	AMOUNT M€
Spanish National Earth Observation Programme	Spain	c.e.c	10

FUTURE CONTRIBUTIONS

The following States participating in PRODEX have indicated the amounts listed below for future contributions, with a view to allocate them at the earliest opportunity to the programme, and by the latest by the end of 2025.

This table shows the amounts indicated by States participating in PRODEX (in c.e.c.) for those future contributions.

This table also reports the States that have indicated their intention to provide further contributions to the LEO-PNT Component of the FutureNAV Programme by reception of the offers from industry in the tendering process, for which the target date is the 30 May 2023 (in 2022 e.c.).

NAME OF PROGRAMME	PARTICIPATING STATE	AMOUNT M€
PRODEX - Future Contributions	Czech Republic	6.90
PRODEX - Future Contributions	Spain	39.00
PRODEX - Future Contributions	Switzerland	25.00
LEO-PNT Component of FutureNAV	Germany	34.43

TRANSFER OF CONTRIBUTIONS

The following table shows contributions that participating States transferred from one optional Programme or part thereof (the “Transferring Programme”) to another optional Programme or part thereof (the “Recipient Programme”). Where necessary, the participating States of the Transferring Programmes and those of the Recipient Programmes approved, respectively, the transfer of these contributions.

These transfers are also shown in the Recipient Programme as (part of) a new subscription, and in the Transferring Programme, with a minus (-), if the Transferring Programme is referred to in this document.

To the extent that a transfer of contributions cannot be fully absorbed in the financial planning of the Transferring Programme, it will be allocated to the Recipient Programme through a revised budget for the year 2022.

Participating State	Transferring Programme			Recipient Programme		
	Name	Amount M€	e.c.	Name	Amount M€	e.c.
Austria	FLPP Prometheus Element	-0.85	2019	FLPP Technology Disruptors and Space Logistics Element	0.85	2019
Austria	Scientific Experiment Development Programme (PRODEX)	-2.00	c.e.c.	Ariane 6 Competitiveness Improvements	1.93	2019
Czech Republic	FutureEO Segment 1	-1.00	2019	FutureEO Period 1 - Segment 2	1.04	2022
Czech Republic	GSTP - Element 1 - "Develop"	-3.00	c.e.c.	FLPP Technology Disruptors and Space Logistics Element	2.89	2019
Czech Republic	HydRON	-2.00	2019	Other Activities (ScyLight)	2.00	2019
Czech Republic	Scientific Experiment Development Programme (PRODEX)	-2.00	c.e.c.	E3P Period 3	2.00	2022
France	ACEP	-0.63	2006	LEAP Ariane 6 Exploitation Accompaniment 2023-2025	0.80	2022
France	LEAP Ariane Classical & MCO 2017-End A5	-14.62	2016	LEAP Ariane 6 Exploitation Accompaniment 2023-2025	15.53	2022
Germany	Future Projects PP1	-10.00	2019	Novacom I	10.00	2019
Germany	Future Projects PP1	-10.00	2019	HummingSat	10.00	2019
Germany	Future Projects PP1	-20.00	2019	Other Activities (4S)	20.00	2019
Germany	Future Projects PP1	-15.00	2019	Other Activities (ScyLight)	15.00	2019
Norway	Core Competitiveness (CC) Period 1	-7.90	2019	GSTP - Element 3 - "Fly"	8.20	c.e.c.
Norway	Future Projects PP1	-0.25	2019	CSC-4 Phase 2	0.25	2019
Norway	Other Activities (4S)	-1.32	2019	Business Applications Space Solutions (BASS) Period 2	1.37	2022
Norway	Other Activities (5G/6G)	-0.85	2019	CSC-4 Phase 2	0.85	2019
Norway	Other Activities (ScyLight)	-5.65	2019	GSTP - Element 3 - "Fly"	5.87	c.e.c.
Norway	Pioneer S.E. 7 Future Projects Allocation	-1.00	2016	FutureEO Period 1 - Segment 2	1.06	2022
Portugal	Cornerstone Mission 1 Lagrange	-1.70	2019	Space Safety Programme (S2P) Period 2	1.77	2022
Spain	ARTES 4.0 - TBA 2022	-1.50	2022	Secure Connectivity, Phase 1	1.50	2022
Spain	ARTES 4.0 - TBA 2022	-28.50	2022	Secure Connectivity, Phase 2	28.50	2022