



**JOINT UNDERTAKING**

Annual accounts of the  
SESAR 3 Joint Undertaking

Financial year 2022

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## CERTIFICATION OF THE ACCOUNTS

I acknowledge my responsibility for the preparation and presentation of the annual accounts of the SESAR 3 Joint Undertaking, in accordance with Article 52 of the Model Financial Regulation ('MFR')<sup>1</sup> and I hereby certify that the annual accounts of the SESAR 3 JU for the year 2022 have been prepared in accordance with Chapter 8 and the accounting rules adopted by the Commission's Accounting Officer, as are to be applied by all the institutions and Union bodies.

I have obtained from the Authorising Officer, who certified its reliability, all the information necessary for the production of the accounts that show the SESAR 3 Joint Undertaking's assets and liabilities and the budgetary implementation. Based on this information, and on such checks as I deemed necessary to sign off the accounts, I have a reasonable assurance that the accounts present fairly, in all material aspects, the financial position, the results of the operations and the cash-flow of the SESAR 3 JU.

Andrea TÓTH

**Accounting Officer of the  
SESAR 3 Joint Undertaking**

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<sup>1</sup> Commission Delegated Regulation (EU) 2019/887 of 13 March 2019 on the model financial regulation for public-private partnership bodies referred to in Article 25(4) of Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council.

## BACKGROUND INFORMATION NOTE

### 1. General background on the entity

#### Establishment

SESAR 3 Joint Undertaking (SESAR 3 JU) is the European public-private partnership based in Brussels that is responsible for the modernisation of the European air traffic management (ATM) system by coordinating and concentrating all ATM relevant research and innovation efforts in the EU.

The SESAR 3 JU was established under Council Regulation (EC) 219/2007 of 27 February 2007 (as modified by Council Regulation (EC) 1361 / 2008 (SESAR 3 JU Regulation) and last amended by the Council Regulation (EU) 721/2014).

Horizon Europe – the new EU Framework Programme for Research and Innovation (2021-2027) – aims to increase the EU's research and innovation impact by combining European partnership co-investment with additional private and public sector funds in areas where the scope and scale of the research and innovation resources can help achieve the EU's Horizon Europe priorities notably, its Pillar II – Global challenges and European industrial competitiveness.

The Single Basic Act (SBA) setting up the joint undertakings under Horizon Europe has been adopted by the Council on 18 November 2021 and published in the Official Journal on 30 November 2021 (date of entry into force of the SBA).

The Single European Sky ATM Research 3 Joint Undertaking will build on the experience of the SESAR Joint Undertaking and continue its coordination role for ATM research in the Union. The main objectives of the Single European Sky ATM Research 3 Joint Undertaking is to strengthen and further integrate the research and innovation capacity in Europe, helping accelerate the digitalisation of the sector and rendering it more resilient and scalable to fluctuations in traffic. It will strengthen, through innovation, the competitiveness of manned and unmanned air transport and ATM services, to support economic recovery and growth. It will develop and accelerate the market uptake of innovative solutions to establish the Single European Sky airspace as the most efficient and environmentally friendly sky to fly in the world.

Under the Single Basic Act (Article 174.9), the Single European Sky ATM Research 3 Joint Undertaking shall be the legal and universal successor in respect of all contracts, including employment contracts and grant agreements, liabilities and acquired property of the SESAR Joint Undertaking established by Council Regulation (EC) No 219/2007, which it shall replace and succeed.

#### Mission

The objective of the SESAR 3 JU is to modernise European Air Traffic Management (ATM) by defining, developing and delivering new or improved technologies and procedures.

SESAR's vision builds on the notion of trajectory-based operations' and relies on the provision of air navigation services (ANS) in support of the execution of the business or mission trajectory – meaning that aircrafts can fly their preferred trajectories without being constrained by airspace configurations.

#### Main operational activities

As the technological pillar of Europe's Single European Sky (SES) initiative, SESAR is the mechanism which coordinates and concentrates all EU research and development (R&D) activities in ATM, pooling together a public and private resources to develop the new generation of ATM. The solutions developed and delivered by SESAR are divided into four key areas of ATM

- (1) High-performing airport operations: this feature addresses the enhancement of runway throughput, integrated surface management, airport safety nets and total airport management.

- (2) Advanced air traffic services: activities addressing enhanced arrivals and departures, separation management, enhanced air and ground safety nets and trajectory and performance-based free routing.
- (3) Optimised ATM network services: activities in the areas of advanced airspace management, advanced dynamic capacity balancing (DCB) and optimised airspace user operations, as well as optimised ATM network management through a fully integrated network operations plan (NOP) and airport operations plans (AOPs) via system-wide information management (SWIM).
- (4) Enabling aviation infrastructure: activities aimed on integration and rationalisation of aviation infrastructure for providing the required technical capabilities in a resource-efficient manner.

## **Governance**

The SESAR 3 JU is headed by an Executive Director, who is appointed by the Governing Board. The Governing Board has overall responsibility for the strategic orientation and effective operation of the SESAR 3 JU and supervises the implementation of its activities. It is comprised of:

- The EU, represented by the European Commission (“Commission”), the founding member;
- The European Organisation for the Safety of Air Navigation (“Eurocontrol”);
- The founding Members;
- The associated Members (none for the time being).

Other bodies of the SESAR 3 JU include:

The States’ Representatives Group should seek an agreed position on a case-by-case basis before the adoption of the work programme.

The Scientific Advisory Body supports the Governing Board in ensuring the scientific excellence of the Digital European Sky Programme.

The Programme Committee supports the Executive Director in the Digital European Sky Programme delivery, covering the Industrial Research phase of the Programme.

## **Sources of financing**

The SESAR 3 Joint Undertaking is jointly funded by the European Union, Eurocontrol and the Founding Members, each of which contribute one third to the funding of the Industrial research (European Union EUR 500 million, Founding Members EUR 500 million and Eurocontrol EUR 500 million) – to which the Union adds EUR 100 million to the funding of the Exploratory Research. The funding comprises financial contributions, paid in instalments, and in kind contributions consisting of the costs incurred by the other Members than the Union in implementing indirect actions that are not co-funded by the SESAR 3 JU. The resources of the SESAR 3 JU are composed of:

- All Members’ financial contributions to the administrative costs;
- Members’ (other than the Union) in-kind contributions to the operational costs;
- Any other revenue generated by the JU;
- Other financial contributions, resources and revenues namely related to the delegation agreements signed with the Commission.

## 2. Annual accounts

### Basis for preparation

The legal framework and the deadlines for the preparation of the annual accounts are set by the Model Financial Regulation (MFR)<sup>2</sup>. As per this regulation, the annual accounts are prepared in accordance with the rules adopted by the Accounting Officer of the Commission (EU Accounting Rules, EAR), which are based on internationally accepted accounting standards for the public sector (IPSAS).

### Accounting Officer

In accordance with the MFR, the Governing Board of the entity appoints the Accounting Officer who is, amongst other tasks, responsible for preparation of the annual accounts.

The Single Basic Act<sup>3</sup> establishing the new generations of JUs required, within one year following the date of entry into force of the Regulation, to establish back office arrangements to provide horizontal support functions to the joint undertakings, by concluding service level agreements. The Back Office Arrangement for Accounting Services (BOA Acc) was established and took over the accounting services from Accounting Officer the European Commission from 1 December 2022.

Following the decision of the SESAR 3 JU Governing Board of 25 November 2022, Ms Andrea Toth acts as the Accounting Officer of SESAR 3 JU as of 1 December 2022, on behalf of the BOA Acc.

### Composition of the annual accounts

The annual accounts cover the period from 1 January to 31 December and comprise the financial statements and the reports on the implementation of the budget. While the financial statements and the complementary notes are prepared on an accrual accounting basis, the budget implementation reports are primarily based on movements of cash.

### Process from provisional accounts to discharge

The provisional annual accounts prepared by the Accounting Officer are transmitted, by 1 March of the following year, to the European Court of Auditors (ECA) and to the audit company selected by the entity. Following the audit, the Accounting Officer prepares the final annual accounts and submits them to the Governing Board for opinion.

The final annual accounts, together with the opinion of the Governing Board, are sent to the Accounting Officer of the Commission, the Court of Auditors, the European Parliament and the Council by 1 July of the following financial year. The ECA scrutinises the final annual accounts and includes any findings in the annual report for the European Parliament and the Council.

It falls to the Council to recommend, and then to the European Parliament to decide, whether to grant discharge to the Director in respect of the implementation of the budget for a given financial year. Amongst other elements this decision is also based on a review of the accounts and the annual report of the ECA.

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<sup>2</sup> Commission Delegated Regulation (EU) 2019/887 of 13 March 2019 on the model financial regulation for public-private partnership bodies referred to in Article 25 (4) of Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council.

<sup>3</sup> Council Regulation (EU) 2021/2085 of 19 November 2021 establishing the Joint Undertakings under Horizon Europe and repealing Regulations (EC) No 219/2007, (EU) No 557/2014, (EU) No 558/2014, (EU) No 559/2014, (EU) No 560/2014, (EU) No 561/2014 and (EU) No 642/2014

## 3. Operational highlights

### Achievements of the year

In 2022, the SESAR 3 JU continued research and investment efforts through Exploratory Research projects (ER4: Out of a total of 41 grants, 40 projects have completed their research activities and were closed by December 2022; only one exception; the ECHO project will close end of January 2023). The Wave 2 projects (restricted to the SESAR JU Members; 12 projects, which will deliver their final results by June 2023 the latest), and the Wave 3 projects (restricted to the SESAR JU Members: 5 projects for a total of EUR 30 million, out of these five projects, three are IR projects and two are VLD projects; they will deliver their final results by June 2023 the latest), for proposals closely coupled with the EU aviation policy. By continuing these efforts in cooperation with its Members and with other organisations involved in ATM-related research, the SESAR 3 JU will progress towards delivering the research necessary to achieve the performance ambitions set out in the European ATM Master Plan.

The year 2022 marked the start of the new SESAR 3 JU's activities. The adoption of the Multi-Annual Work Programme (MAWP) and of the first Bi-Annual Work Programme (BAWP 2022-2023) made the start of the first calls for proposals (ER1 and IR1) possible. The new States' Representatives Group and Scientific Advisory Board had to be put in place as the new governance bodies of the JU. The Membership Agreement was also prepared for signature and a new Bilateral Agreement with Eurocontrol. The move of the SESAR 3 JU to the Eurocontrol premises was also prepared during the whole year (move to take place in Feb 2023). A new Executive Director, Andreas Boschen, also took up duty on 01/07/2023.

The open Digital European Sky ER1 call for proposals (HORIZON-SESAR-2022-DES-ER-01) was launched on 7 April 2022 with a call deadline set on 13 October 2022. A total of 72 proposals were received with 68 considered as eligible. The evaluation phase was initiated in November 2022 that led to the selection of 18 proposals. The Grant Preparation Phase started mid-February 2023.

The open Digital European Sky IR1 call for proposals (HORIZON-SESAR-2022-DES-IR-01) was launched on 7 April 2022 with a call deadline set on 13 October 2022. A total of 55 proposals were received with 53 considered as eligible. The evaluation phase was initiated in November 2022 that led to selecting 30 proposals. The Grant Preparation Phase started mid-February 2023.

While delivering on its strategic objectives, the SESAR 3 JU remains committed to strengthening its effective and efficient organisation by continually improving its processes, procedures, performance and risk management, ICT infrastructure, as well as by investing in its talented people.

### Budget implementation

#### Revenue

In terms of revenue, an amount of EUR 134.5 million was received from the European Commission to cover SESAR 3 JU outstanding operational obligations of 2022 and an amount of EUR 3.3 million H2020 funds to cover the running costs. The EU contribution towards operational costs was composed of EUR 51.05 million (EFTA included) for H2020 and 83.5 million (EFTA included) for HE.

An amount of 1.75 million CEF assigned revenue was received in accordance with Contribution Agreement MOVE/E3/CA/SESAR3JU/662-2021/SI2.883337 "SESAR 3 Joint undertaking's technical assistance for the SESAR Digital Sky Demonstrators" signed on 28/11/2022.

A total amount of EUR 0.9 million was received from Eurocontrol and EUR 2.1 million from the other Members.

SESAR 3 JU recovered also exceptional revenues for EUR 0.94 million, which were mainly composed of:

- Recovery of some amounts from H2020 projects after audit corrections for EUR 0.92 million.
- Reimbursement of minor administrative costs, mostly linked to salary balances and reimbursement from suppliers for 0.02 million

## **Expenditure**

Overall in 2022, budget execution of commitment and payment appropriations reached 87% and 25% respectively. Nevertheless, it has to be noted that the low execution in payments stems mainly from operational expenditure Title 3 and 4. This is due to the last SESAR 2020 projects being impacted by the COVID 19 crisis and the extension of their duration by three or six months. This had a direct impact on the date of their final payments postponed to 2023. All SESAR 2020 projects should be closed and paid by end of 2023.

As for the new Digital European Sky programme (Horizon Europe), the very late adoption of the SBA had a direct impact on the adoption by the Governing Board of the first SESAR 3 JU's Annual Work Programme and therefore on the date when the first calls could be started. The pre-financing payments initially planned for 2022 will be entirely paid in 2023.

The last year to request the remaining EU entitlements was 2020, the SESAR 3 JU received in 2020 EUR 13.4 million of commitment appropriations frontloaded in 2020 for 2021-2024 expenditure to cover the running costs. The frontloaded amount is to be redistributed annually for EUR 3.3 million. Moreover, EUR 20.5 million of commitment appropriations were inscribed on title 5, available for reactivation in coming years, in order to cover 2023-2024 needs.

### Administrative and Staff expenditure (=“Running Costs” only under Sesar 2020 Programme)

Staff expenditure (Title 1) includes all staff related costs such as salaries, social security, taxes, insurances, mission costs, recruitment, secondments and interim support.

Administrative expenditures (Title 2) include the administrative costs such as office supplies (printing, copiers, translation, publications, consumable office material), utilities (water, electricity, telecommunications costs), office rental and associated charges, legal, financial and fiscal expertise for administrative needs and all insurances not related to staff as well as expenses incurred for the activities of the Governance Bodies. This Title furthermore includes the procurement, purchase and maintenance of IT equipment, furniture and other technical facilities. The IT infrastructure including on-site and remote support is provided mainly by Eurocontrol as part of its back office arrangement with the SESAR 3 JU.

In 2022 and in line with the new SESAR 3 JU Financial Rules (Annex I to SESAR 3 JU Governing Board decision GB(D)01-2021 of 14 December 2021), stipulating that the budget of the SESAR 3 JU shall contain (only) differentiated appropriations; administrative payment appropriations (contained in Titles 1 and 2 of the SESAR 3 JU's annual budget) are also considered as differentiated appropriations and are not automatically carried forward.

For Title 1 (Staff expenditure) and Title 2 (Administrative expenditures) the implementation rates for commitments are respectively 93% and 100% and for payment appropriations 93% and 81%. The unspent amounts related to interims, missions, training, recruitment expenditures, social and recreational activities and HR support fees, IT services, and charges for the building, amongst others, were carried forward to the next year.

### Operational expenditure

The lower implementation rates of the SESAR 2020 programme (implementation rate of payment appropriations of 54%) is due to the extension of duration of several projects whose implementation was impacted by the COVID-19 crisis hence postponing final payments to 2023. The 2022 payments executed (EUR 28.2 million) are distributed as follows:

- EUR 5.7 million final payments for Wave 1 projects, 2nd Pre-Financing and interim payments of Wave 2 projects and 1<sup>st</sup> interim payment of Wave 3 projects (all these projects are restricted to our Members).
- EUR 11.0 million for Pre-Financing, interim and balance payments under Exploratory Research calls.
- EUR 8.1 million for interim payments of the First Very Large Demonstration Activities call and of the second Very Large Demonstration Activities call.
- EUR 3.4 million of other operational activities



Prefinancing payments related to new Digital European Sky programme (HE programme) will take place in 2023.

The unused payment appropriations will be re-inscribed in 2023.

Detailed information regarding the budget implementation is provided in the 'Report on the Budgetary and Financial management' of the year.

#### Budget Outturn

The 2022 budget shows a positive budget result of EUR 107.2 million (of which a surplus of EUR 22 million for SESAR 2020 Programme and a surplus of EUR 85.2 million for the Horizon Europe Programme). Therefore, with the cumulated Budget Outturn from previous years of EUR 0.6 million for SESAR 2020 Programme) the new Total Budget surplus amounts to EUR 107.8 (of which a surplus of EUR 22.6 million for SESAR 2020 Programme and a surplus of EUR 85.2 million for the Horizon Europe Programme).

## Impact of the activities in the financial statements

In the financial statements, the impact of the above-mentioned activities resulted in:

- **Revenue from recovery of expenses** of kEUR 1 359 from the implementation of the delegation agreements and from the audit results' implementation. In 2021 the financial impact amounted to 209 kEUR and was reclassified as decrease of operational expenses related to projects (see note **3.1**);
- **Increase of operational costs** of kEUR 11 826 is mainly due to increase of the validated operational costs from EU contributions. The increase was driven by projects reaching maturity and leading to more cost claims being received and validated in 2022 (see note **3.2**). Consequently, the pre-financing has decreased by kEUR 80 982 as a result of higher clearing of pre-financing with the validated costs (see note **2.3**);
- **Increase of other expenses** kEUR 2 571 largely explained by the charges stemming from the present obligation to pay indemnity for the early termination of the SESAR 3 JU lease agreement and the IT costs for increased IT services provided by Eurocontrol (see note **3.5**);
- **Increase of exchange receivables** by kEUR 54 987 in 2022 is a combined effect of the increase in central treasury liaison accounts and a decrease of receivable from the Commission (see note **2.4**);
- **Increase of contributions from Members** of kEUR 90 637 is largely due to the increase of EU contributions and the validated in-kind contributions from members (see note **2.9**).

# FINANCIAL STATEMENTS AND EXPLANATORY NOTES

*It should be noted that due to the rounding of figures into thousands of euros (kEUR), some financial data in the tables below may appear not to add-up.*

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**BALANCE SHEET**

		EUR '000	
	Note	31.12.2022	31.12.2021
<b>NON-CURRENT ASSETS</b>			
<i>Intangible assets</i>	2.1	-	1
<i>Property, plant and equipment</i>	2.2	102	142
<i>Pre-financing</i>	2.3	-	7 233
		<b>102</b>	<b>7 376</b>
<b>CURRENT ASSETS</b>			
<i>Pre-financing</i>	2.3	10 492	84 240
<i>Exchange receivables and non-exchange recoverables</i>	2.4	109 045	54 058
<i>Cash and cash equivalents</i>	2.5	9	4
		<b>119 546</b>	<b>138 303</b>
<b>TOTAL ASSETS</b>		<b>119 648</b>	<b>145 679</b>
<b>CURRENT LIABILITIES</b>			
<i>Short Term provisions</i>	2.6	1 534	-
<i>Payables and other liabilities</i>	2.7	175 731	97 182
<i>Accrued charges</i>	2.8	28 099	35 651
		<b>205 364</b>	<b>132 834</b>
<b>TOTAL LIABILITIES</b>		<b>205 364</b>	<b>132 834</b>
<i>Contribution from Members</i>	2.9	2 776 716	2 686 079
<i>Accumulated deficit</i>		(2 673 234)	(2 497 254)
<i>Economic result of the year</i>		(189 198)	(175 979)
<b>NET ASSETS</b>		<b>(85 716)</b>	<b>12 845</b>
<b>TOTAL NET ASSETS AND LIABILITIES</b>		<b>119 648</b>	<b>145 679</b>

## STATEMENT OF FINANCIAL PERFORMANCE

	Note	2022	EUR '000 2021
<b>REVENUE</b>			
<b>Revenue from non-exchange transactions</b>			
<i>Recovery of operating expenses</i>	3.1	1 359	-
		<b>1 359</b>	<b>-</b>
<b>Revenue from exchange transactions</b>			
<i>Financial revenue</i>		0	5
		<b>0</b>	<b>5</b>
<b>Total revenue</b>		<b>1 359</b>	<b>5</b>
<b>EXPENSES</b>			
<i>Operational costs</i>	3.2	(180 510)	(168 684)
<i>Staff costs</i>	3.3	(4 532)	(4 340)
<i>Finance costs</i>	3.4	(15)	(32)
<i>Other expenses</i>	3.5	(5 500)	(2 929)
<b>Total expenses</b>		<b>(190 577)</b>	<b>(175 985)</b>
<b>ECONOMIC RESULT OF THE YEAR</b>		<b>(189 198)</b>	<b>(175 979)</b>

**CASHFLOW STATEMENT<sup>4</sup>**

	EUR '000	
	2022	2021
<i>Economic result of the year</i>	(189 198)	(175 979)
<b>Operating activities</b>		
<i>Depreciation and amortization</i>	54	64
<i>(Increase)/decrease in pre-financing</i>	80 982	41 481
<i>(Increase)/decrease in exchange receivables and non-exchange recoverables</i>	(54 986)	(35 467)
<i>Increase/(decrease) in payables</i>	78 549	(2 982)
<i>Increase/(decrease) in accrued charges</i>	(7 552)	(10 936)
<i>Increase/(decrease) in cash contributions</i>	5 809	97 193
<i>Increase/(decrease) in in-kind contributions</i>	84 828	86 630
<i>Other non-cash movements</i>	1 534	-
<b>Investing activities</b>		
<i>(Increase)/decrease in intangible assets and property, plant and equipment</i>	(14)	(9)
<b>NET CASHFLOW</b>	<b>5</b>	<b>(6)</b>
<i>Net increase/(decrease) in cash and cash equivalents</i>	5	(6)
<i>Cash and cash equivalents at the beginning of the year</i>	4	10
<i>Cash and cash equivalents at year-end</i>	9	4

<sup>4</sup> The treasury of SESAR 3 JU was integrated into the Commission's treasury system. Because of this, SESAR 3 JU has only one bank account of its own covering the bank guarantee issued for the rental of the SESAR 3 JU premises. All payments and receipts are processed via the Commission's treasury system and registered on intercompany accounts, which are presented under the heading exchange receivables.

## STATEMENT OF CHANGES IN NET ASSETS

EUR '000

	Contribution from Members	Accumulated Surplus/ (Deficit)	Economic result of the year	Net Assets
<b>BALANCE AS AT 31.12.2020</b>	<b>2 502 255</b>	<b>(2 360 667)</b>	<b>(136 588)</b>	<b>5 001</b>
<i>Allocation 2020 economic result</i>	-	(136 588)	136 588	-
<i>Cash contribution</i>	43 814	-	-	43 814
<i>Contribution in-kind</i>	86 630	-	-	86 630
<i>Economic result of the year</i>	53 379	-	-	53 379
<i>Unpaid cash contributions</i>	-	-	(175 979)	(175 979)
<b>BALANCE AS AT 31.12.2021</b>	<b>2 686 079</b>	<b>(2 497 254)</b>	<b>(175 979)</b>	<b>12 845</b>
<i>Allocation 2021 economic result</i>	-	(175 979)	175 979	-
<i>Cash contribution</i>	57 335	-	-	57 335
<i>Contribution in-kind</i>	84 828	-	-	84 828
<i>Unpaid cash contributions</i>	(51 895)	-	-	(51 895)
<i>Economic result of the year</i>	-	-	(189 198)	(189 198)
<b>BALANCE AS AT 31.12.2022</b>	<b>2 776 716</b>	<b>(2 673 234)</b>	<b>(189 198)</b>	<b>(85 716)</b>



# **NOTES TO THE FINANCIAL STATEMENTS**

# 1. SIGNIFICANT ACCOUNTING POLICIES

## 1.1. ACCOUNTING PRINCIPLES

The objective of financial statements is to provide information about the financial position, performance and cashflows of an entity that is useful to a wide range of stakeholders.

The overall considerations (or accounting principles) to be followed when preparing the financial statements are laid down in EU Accounting Rule 1 'Financial Statements' and are the same as those described in IPSAS 1: fair presentation, accrual basis, going concern, consistency of presentation, materiality, aggregation, offsetting and comparative information. The qualitative characteristics of financial reporting are relevance, faithful representation (reliability), understandability, timeliness, comparability and verifiability.

## 1.2. BASIS OF PREPARATION

### 1.2.1. Reporting period

Financial statements are presented annually. The accounting year begins on 1 January and ends on 31 December.

### 1.2.2. Currency and basis for conversion

The annual accounts are presented in thousands of euros, the euro being the EU's functional currency. Foreign currency transactions are translated into euros using the exchange rates prevailing at the dates of the transactions. Foreign exchange gains and losses resulting from the settlement of foreign currency transactions and from the re-translation at year-end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in the statement of financial performance. Different conversion methods apply to property, plant and equipment and intangible assets, which retain their value in euros at the date when they were purchased.

Year-end balances of monetary assets and liabilities denominated in foreign currencies are translated into euros on the basis of the European Central Bank (ECB) exchange rates applying on 31 December.

#### Euro exchange rates

Currency	31.12.2022	31.12.2021	Currency	31.12.2022	31.12.2021
<b>BGN</b>	<b>1.9558</b>	1.9558	<b>PLN</b>	<b>4.6808</b>	4.5969
<b>CZK</b>	<b>24.116</b>	26.8580	<b>RON</b>	<b>4.9495</b>	4.9490
<b>DKK</b>	<b>7.4365</b>	7.4364	<b>SEK</b>	<b>11.1218</b>	10.2503
<b>GBP</b>	<b>0.88693</b>	0.84028	<b>CHF</b>	<b>0.9847</b>	1.0331
<b>HRK</b>	<b>7.5365</b>	7.5156	<b>JPY</b>	<b>140.66</b>	130.3800
<b>HUF</b>	<b>400.87</b>	369.1900	<b>USD</b>	<b>1.0666</b>	1.1326

### 1.2.3. Use of estimates

In accordance with IPSAS and generally accepted accounting principles, the financial statements necessarily include amounts based on estimates and assumptions by management based on the most reliable information available. Significant estimates include, but are not limited to: amounts for employee benefit liabilities, financial risk of accounts receivable and the amounts disclosed in the notes concerning financial instruments, impairment allowance for financial assets at amortised cost and for financial guarantee contract liabilities, accrued revenue and charges, provisions, degree of impairment of intangible assets and property, plant and equipment, net realisable value of inventories, contingent assets and liabilities. Actual results could differ from those estimates.

Reasonable estimates are an essential part of the preparation of financial statements and do not undermine their reliability. An estimate may need revision if changes occur in the circumstances on which the estimate was based or as a result of new information or more experience. By its nature, the revision of an estimate does not relate to prior periods and is not the correction of an error. The effect of a change in accounting estimate shall be recognised in the surplus or deficit in the periods in which it becomes known.

#### 1.2.4. Application of new and revised European Union Accounting Rules (EAR)

##### **Revised IPSAS standards which have been issued, and are effective for annual periods beginning on or after 1 January 2025**

The following IPSAS standards are effective as of January 1, 2025 (earlier application is permitted):

- **IPSAS 43 Leases:** IPSAS 43 introduces new or amended requirements with respect to lease accounting. It introduces significant changes to lessee accounting by removing the distinction between operating and finance lease and requiring the recognition of a right-of-use asset and a lease liability at commencement for all leases, except for short-term leases and leases of low value assets.
- **IPSAS 44 Non-current Assets Held for Sale and Discontinued Operations:** IPSAS 44 specifies the accounting for assets held for sale and the presentation and disclosure of discontinued operations. IPSAS 44 includes additional public sector requirements, in particular, the disclosure of the fair value of assets held for sale that are measured at their carrying amounts, when the carrying amount is materially lower than their fair value.

The Accounting Officer is assessing the impact of the above standards on the Annual Accounts and considering a possible revision of relevant EAR accordingly.

## 1.3. BALANCE SHEET

### 1.3.1. Intangible assets

An intangible asset is an identifiable non-monetary asset without physical substance. An asset is identifiable if it is either separable, or arises from binding arrangements. Acquired intangible assets are stated at historical cost less accumulated amortisation and impairment losses. Internally developed intangible assets are capitalised when the relevant criteria of the EU accounting rules are met and the expenses relate solely to the development phase of the asset. Intangible assets are amortised on a straight-line basis over their estimated useful lives (3 to 11 years).

### 1.3.2. Property, plant and equipment

All property, plant and equipment are stated at historical cost less accumulated depreciation and impairment losses. Cost includes expenditure that is directly attributable to the acquisition, construction or transfer of the asset. Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, only when it is probable that future economic benefits or service potential associated with the item will flow to the entity and its cost can be measured reliably. Repairs and maintenance costs are charged to the statement of financial performance during the financial period in which they are incurred. Land is not depreciated, as it is deemed to have an indefinite useful life. Assets under construction are not depreciated as these assets are not yet available for use. Depreciation on other assets is calculated using the straight-line method to allocate their cost less their residual values over their estimated useful lives, as follows:

Type of asset	Straight line depreciation rate
<i>Buildings</i>	4 % to 10 %
<i>Plant and equipment</i>	10 % to 25 %
<i>Furniture and vehicles</i>	10 % to 25 %
<i>Computer hardware</i>	25 % to 33 %
<i>Other</i>	10 % to 33 %

Gains or losses on disposals are determined by comparing proceeds less selling expenses with the carrying amount of the disposed asset and are included in the statement of financial performance.

### Leases

A lease is an agreement whereby the lessor conveys to the lessee, in return for a payment or series of payments, the right to use an asset for an agreed period of time. Leases are classified as either finance leases or operating leases.

Finance leases are leases where substantially all the risks and rewards incidental to ownership are transferred to the lessee.

An operating lease is a lease other than a finance lease, i.e. a lease where the lessor retains substantially all the risks and rewards incidental to ownership of an asset. When entering an operating lease as a lessee, the operating lease payments are recognised as an expense in the statement of financial performance on a straight-line basis over the lease term with neither an asset nor a liability recognised in the balance sheet.

#### 1.3.3. Impairment of non-financial assets

Assets that have an indefinite useful life are not subject to amortisation/depreciation and are tested annually for impairment. Assets that are subject to amortisation/depreciation are tested for impairment whenever there is an indication at the reporting date that an asset may be impaired. An impairment loss is recognised for the amount by which the asset's carrying amount exceeds its recoverable (service) amount. The recoverable (service) amount is the higher of an asset's fair value less costs to sell and its value in use.

Intangible assets and property, plant and equipment residual values and useful lives are reviewed, and adjusted if appropriate, at least once per year. If the reasons for impairments recognised in previous years no longer apply, the impairment losses are reversed accordingly.

#### 1.3.4. Financial assets

The classification of the financial instruments is determined at initial recognition. Based on the management model and the asset contractual cash-flow characteristics the financial assets can be classified in three categories: Financial assets at amortised cost ('AC'), financial assets at fair value through net assets/equity ('FVNA') or financial assets at fair value through surplus or deficit ('FVSD'). Based on this classification, the entity has only 'financial assets at amortised cost', which are exchange receivables.

Financial assets at amortised cost are non-derivative financial assets that meet two conditions: 1) The entity holds them in order to collect the contractual cash flows. 2) On specified days, there are contractual cash flows that are solely payments of the principal and interest on the outstanding principal.

Financial assets at amortised cost are included in current assets, except for those with maturity of more than 12 months from the balance sheet reporting date.

### Initial recognition and measurement

Financial assets at amortised cost are initially recognised at their fair value plus the transaction costs.

### Subsequent measurement

Financial assets at amortised cost are carried at amortised cost, which is the amount initially recognised minus the principal repayments, plus or minus the cumulative amortisation of the interests using the effective interest method. In addition, the entity recognises a loss allowance for expected credit losses over the lifetime of the financial assets. At each reporting date, the annual movement in the loss allowance

adjusts the carrying amount of the financial asset. In the statement of financial performance, the entity recognises an impairment gain or loss for the adjustment of the loss allowance.

## Derecognition

Financial assets at amortised cost are derecognised either when the rights to receive cashflows from the investments have expired or are waived, or and when the entity has transferred substantially all risks and rewards of ownership to another party.

### 1.3.5. Pre-financing amounts

Pre-financing is a payment intended to provide the beneficiary with a cash advance, i.e. a float. It may be split into a number of payments over a period defined in the particular contract, decision, agreement or basic legal act. The float or advance is either used for the purpose for which it was provided during the period defined in the agreement or it is repaid. If the beneficiary does not incur eligible expenditure, he has the obligation to return the pre-financing advance to the entity. Thus, as the entity retains control over the pre-financing and is entitled to a refund for the ineligible part, the amount is recognised as an asset.

Pre-financing is initially recognised on the balance sheet when the amount of pre-financing is agreed between the JU and the Commission and cash is transferred to the recipient. It is measured at the amount of the consideration given. The JU recognises a pre-financing asset against a payable (non-validated expenditure).

In subsequent periods pre-financing is measured at the amount initially recognised on the balance sheet less eligible expenses (including estimated amounts where necessary) incurred during the period.

Once the expenditure was accepted by the Commission, the amounts are transferred from the provisional payments (payables) to the net assets/equity of the JU. The amounts accounted in the net assets/equity equal the amount accepted for the reporting year.

### 1.3.6. Receivables and recoverables

The EU accounting rules require separate presentation of exchange and non-exchange transactions. To distinguish between the two categories, the term 'receivable' is reserved for exchange transactions, whereas for non-exchange transactions, i.e. when the EU receives value from another entity without directly giving approximately equal value in exchange, the term 'recoverables' is used (e.g. recoverables from Member States related to own resources).

Receivables from exchange transactions meet the definition of financial instruments. The entity classified them as financial assets at amortised cost and measured them accordingly.

Recoverables from non-exchange transactions are carried at fair value as at the date of acquisition less write-down for impairment. A write-down for impairment is established when there is objective evidence that the entity will not be able to collect all amounts due according to the original terms of the recoverables. The amount of the write-down is the difference between the asset's carrying amount and the recoverable amount. The amount of the write-down is recognised in the statement of financial performance.

### 1.3.7. Cash and cash equivalents

Cash and cash equivalents financial assets at amortised cost and include cash at hand, deposits held at call or at short notice with banks, and other short-term highly liquid investments with original maturities of three months or less.

### 1.3.8. Payables

Included under accounts payable are both amounts related to exchange transactions such as the purchase of goods and services, and to non-exchange transactions e.g. to cost claims from beneficiaries, grants or other EU funding, or pre-financing received (see note **1.3.5**), or non-validated in-kind contributions to operational activities (see note 1.5.2).

Where grants or other funding are provided to the beneficiaries, the cost claims are recorded as payables for the requested amount, at the moment when the cost claim is received. Upon verification and acceptance of the eligible costs, the payables are valued at the accepted and eligible amount.

Payables arising from the purchase of goods and services are recognised at invoice reception for the original amount. The corresponding expenses are entered in the accounts when the supplies or services are delivered and accepted by the entity.

### 1.3.9. Accrued and deferred revenue and charges

Transactions and events are recognised in the financial statements in the period to which they relate. At year-end, if an invoice is not yet issued but the service has been rendered, or the supplies have been delivered by the entity or a contractual agreement exists (e.g. by reference to a contract), an accrued revenue will be recognised in the financial statements. In addition, at year-end, if an invoice is issued but the services have not yet been rendered or the goods supplied have not yet been delivered, the revenue will be deferred and recognised in the subsequent accounting period.

Expenses are also accounted for in the period to which they relate. At the end of the accounting period, accrued expenses are recognised based on an estimated amount of the transfer obligation of the period. The calculation of accrued expenses is done in accordance with detailed operational and practical guidelines issued by the Accounting Officer. These aim at ensuring that the financial statements provide a faithful representation of the economic and other phenomena they purport to represent. By analogy, if a payment has been made in advance for services or goods that have not yet been received, the expense will be deferred and recognised in the subsequent accounting period.

### 1.3.10. Provisions

Provisions are recognised when the entity has a present legal or constructive obligation towards third parties as a result of past events, it is more likely than not that an outflow of resources will be required to settle the obligation, and the amount can be reliably estimated. Provisions are not recognised for future operating losses. The amount of the provision is the best estimate of the expenditure expected to be required to settle the present obligation at the reporting date. Where the provision involves a large number of items, the obligation is estimated by weighting all possible outcomes by their associated probabilities ('expected value' method).

When the obligation whose existence will be confirmed by uncertain future events that are not wholly within the control of the entity, is possible, no provision is recognised, but a contingent liability is disclosed. Refer to note 1.4.4 for details.

### 1.3.11. Net assets

Net assets are the residual of assets and liabilities and comprise of accumulated contributions received from the members of the JU (EU and industry) less the accumulated contributions used. The contributions include financial contributions received by the JU and contributions provided by the members to the funded projects in-kind. The net assets also contain reserves, if applicable. Refer to note 1.5 for details.

## 1.4. STATEMENT OF FINANCIAL PERFORMANCE

### 1.4.1. Revenue

Revenue comprises gross inflows of economic benefits or service potential received and receivable by the entity, which represents an increase in net assets, other than increases relating to contributions from owners.

Depending on the nature of the underlying transactions in the statement of financial performance, revenue is distinguished between:

#### *(i) Revenue from non-exchange transactions*

Revenue from non-exchange transactions are taxes and transfers, because the transferor provides resources to the recipient entity, without the recipient entity providing approximately equal value directly in exchange. Transfers are inflows of future economic benefits or service potential from non-exchange transactions, other than taxes. For the EU entities, transfers mostly comprise funds received from the Commission (e.g. balancing subsidy to the traditional agencies, operating subsidy for the delegation agreements).

The entity shall recognise an asset in respect of transfers when the entity controls the resources as a result of a past event (the transfer) and expects to receive future economic benefits or service potential from those resources, and when the fair value can be reliably measured. An inflow of resources from a non-exchange transaction recognised as an asset (i.e. cash) is also recognised as revenue, except to the extent that the entity has a present obligation in respect of that transfer (condition), which needs to be satisfied before the revenue can be recognised. Until the condition is met the revenue is deferred and recognised as a liability.

#### *(ii) Revenue from exchange transactions*

Revenue from the sale of goods and services is recognised when the significant risk and rewards of ownership of the goods are transferred to the purchaser. Revenue associated with a transaction involving the provision of services is recognised by reference to the stage of completion of the transaction at the reporting date.

### 1.4.2. Expenses

Expenses are decreases in economic benefits or service potential during the reporting period in the form of outflows or consumption of assets or the incurring of liabilities that result in decreases in net assets. They include both the expenses from exchange transactions and expenses from non-exchange transactions.

Expenses from exchange transactions arising from the purchase of goods and services are recognised when the supplies are delivered and accepted by the entity. They are valued at the original invoice amount. Furthermore, at the balance sheet date expenses related to the service delivered during the period for which an invoice has not yet been received or accepted are recognised in the statement of financial performance.

Expenses from non-exchange transactions relate to transfers to beneficiaries and can be of three types: entitlements, transfers under agreement and discretionary grants, contributions and donations. Transfers are recognised as expenses in the period during which the events giving rise to the transfer occurred, as long as the nature of the transfer is allowed by regulation or an agreement has been signed authorising the transfer; any eligibility criteria have been met by the beneficiary; and a reasonable estimate of the amount can be made.

When a request for payment or cost claim is received and meets the recognition criteria, it is recognised as an expense for the eligible amount. At year-end, incurred eligible expenses due to the beneficiaries but not yet reported are estimated and recorded as accrued expense.

### 1.4.3. Contingent assets

A contingent asset is a possible asset that arises from past events and of which the existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the entity. A contingent asset is disclosed when an inflow of economic benefits or service potential is probable.

### 1.4.4. Contingent liabilities

A contingent liability is either a possible obligation of which the existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the entity; or a present obligation where it is not probable that an outflow of resources embodying economic benefits or service potential will be required to settle the obligation.

A contingent liability also arises in the rare circumstances where a present obligation exists but cannot be measured with sufficient reliability.

Contingent liabilities are not recognised in the accounts. They are disclosed unless the possibility of an outflow of resources embodying economic benefits or service potential is remote.



## 1.5. CONTRIBUTIONS FROM MEMBERS

The contributions from the Members of the Joint Undertakings (JU) form the funding of the JU and are treated as contributions from owners. An owner in this context does not mean an owner in the sense of owning shares of the JU (no shares are issued) but rather in the sense of political interest and governance of the JU by exercising the voting rights linked to these contributions.

The members of the Single European Sky ATM Research 3 Joint Undertaking are the Union, represented by the Commission, the European Organisation for the Safety of Air Navigation (Eurocontrol), represented by its Agency, the founding members listed in Annex III of the SBA<sup>5</sup> and the associated members to be selected in accordance with Article 7 of the SBA.

### 1.5.1. Financial contributions

- FP7 and Horizon 2020 Programmes: financial contributions are contributions of Members made in cash in order to provide funding of the operational or administrative needs of the JU. These financial contributions are recognised in net assets in the period in which the enforceable right to receive the payment was established.
- Horizon Europe Programme:
  - EU Contributions: In accordance with Article 19 of the Financial Framework Partnership Agreement (FFPA) 2020-2027, the JU received from the European Union a pre-financing payment for the implementation of the Horizon Europe Framework Programme. According to the Specific Guidance for the accounting of the EU cash contributions received by the Joint Undertakings under FFPA related to MFF 2021-2027, the contribution payments done by the EU for the Horizon Europe Programme are accounted as 'Contributions in cash to be validated'. During the provisional accounting closure, the JU should, on the basis of the payments implementation report, determine the amount of operating and administrative expenditure that have been covered from the EU financial contributions to the Horizon Europe Programme. In the accounting of the JU the underlying amount should be, for the purpose of the preparation of the provisional financial statements, transferred from the provisional payments to the net assets of the JU (cut-off procedure). It will be qualified as final payments and formally transferred to the net assets once the Commission has accepted the Consolidated Annual Activity Report – AAR (Art. 19.2 FFPA).
  - Private (Industry Members and Eurocontrol) contributions: financial contributions are contributions made in cash in order to provide funding of the administrative needs of the JU. These financial contributions are recognised in net assets in the period in which the enforceable right to receive the payment was established.

### 1.5.2. In-kind contributions

Members other than the EU (i.e. 'Private Members') can also contribute resources other than cash, e.g. laboratory equipment, specialised staff, etc. These in-kind contributions consist of the costs incurred by Private Members in implementing indirect actions.

The Regulation distinguishes between two types of in-kind contributions: (1) In-kind contributions to operational activities (IKOP) and (2) in-kind contributions to additional activities (IKAA).

The IKOP represents in-kind contributions made to the JU linked to its work plan and co-financed by the EU. The IKOP are recognised in net assets of the JU in the period when the conditions for Members' contributions stipulated by the Regulation are met.

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<sup>5</sup> Council Regulation (EU) 2021/2085 of 19 November 2021 and published in the Official Journal on 30 November 2021

The expenses related to the IKOP incurred in the financial year are recognised in the statement of financial performance. At year-end, incurred IKOP not yet reported are estimated and recorded as other liabilities ('Contributions of Members to be validated').

The IKAA relate to contributions linked to implementing additional activities, included in the annual additional activities plan annexed to the main part of the work programme that does not receive financial support from the joint undertaking but contributes to its objectives. Because the outflow of resources related to those activities is outside of the control of the JU, these contributions are not recognised in the financial statements of the JU. However to provide a complete picture of the operational activities related to the JU they are still disclosed as additional information in the notes.

## 2. NOTES TO THE BALANCE SHEET

### ASSETS

#### 2.1. INTANGIBLE ASSETS

2021	EUR '000
	TOTAL
Gross carrying amount at 31.12.2020	2 175
<b>Gross carrying amount at 31.12.2021</b>	<b>2 175</b>
Accumulated amortisation at 31.12.2020	(2 173)
Amortisation charge for the year	(1)
<b>Accumulated amortisation at 31.12.2021</b>	<b>(2 174)</b>
<b>NET CARRYING AMOUNT AT 31.12.2021</b>	<b>1</b>
NET CARRYING AMOUNT AT 31.12.2020	1

  

2022	EUR '000
	TOTAL
Gross carrying amount at 31.12.2021	2 175
<b>Gross carrying amount at 31.12.2022</b>	<b>2 175</b>
Accumulated amortisation at 31.12.2021	(2 174)
Amortisation charge for the year	(1)
<b>Accumulated amortisation at 31.12.2022</b>	<b>(2 175)</b>
<b>NET CARRYING AMOUNT AT 31.12.2022</b>	<b>-</b>
NET CARRYING AMOUNT AT 31.12.2021	1

The above amounts relate primarily to computer software and developments made mainly under the SESAR 3 JU/Eurocontrol Membership Agreement.

#### 2.2. PROPERTY, PLANT AND EQUIPMENT

Property, plant and equipment are tangible assets that are held for use in the production or supply of goods or services, for rental to others, or for administrative purposes, and are expected to be used during more than one reporting period. Included under the heading 'Buildings' are materials and works related to the partitioning and set up of the SESAR 3 JU office space. The disposals of kEUR 65 relate mostly to computer hardware (kEUR 53) and (kEUR 12) for the heading 'Other', related to technical equipment.

2021	EUR '000				
	Land and buildings	Furniture and vehicles	Computer hardware	Other	TOTAL
Gross carrying amount at 31.12.2020	600	189	238	198	1 225
Additions	-	-	-	11	11
Disposals	-	(1)	(84)	(1)	(87)
<b>Gross carrying amount at 31.12.2021</b>	<b>600</b>	<b>187</b>	<b>154</b>	<b>207</b>	<b>1 149</b>
Accumulated depreciation at 31.12.2020	(600)	(159)	(172)	(98)	(1 029)
Depreciation charge for the year	-	(7)	(18)	(38)	(63)
Disposals	-	1	83	1	85
<b>Accumulated depreciation at 31.12.2021</b>	<b>(600)</b>	<b>(165)</b>	<b>(107)</b>	<b>(134)</b>	<b>(1 007)</b>

<b>NET CARRYING AMOUNT AT 31.12.2021</b>	-	<b>22</b>	<b>47</b>	<b>73</b>	<b>142</b>
NET CARRYING AMOUNT AT 31.12.2020	-	29	66	100	196

**2022**

EUR '000

	Land and buildings	Furniture and vehicles	Computer hardware	Other	TOTAL
Gross carrying amount at 31.12.2021	600	187	154	207	1 149
Additions	-	-	14	-	14
Disposals	-	-	(54)	(12)	(66)
<b>Gross carrying amount at 31.12.2022</b>	<b>600</b>	<b>187</b>	<b>114</b>	<b>195</b>	<b>1 096</b>
Accumulated depreciation at 31.12.2021	(600)	(165)	(107)	(134)	(1 007)
Depreciation charge for the year	-	(6)	(20)	(28)	(53)
Disposals	-	-	53	12	65
<b>Accumulated depreciation at 31.12.2022</b>	<b>(600)</b>	<b>(171)</b>	<b>(74)</b>	<b>(150)</b>	<b>(995)</b>

<b>NET CARRYING AMOUNT AT 31.12.2022</b>	-	<b>17</b>	<b>40</b>	<b>45</b>	<b>102</b>
NET CARRYING AMOUNT AT 31.12.2021	-	22	47	73	142

**2.3. PRE-FINANCING**

Pre-financing is a payment intended to provide the beneficiary with a cash advance, i.e. a float. It may be split into a number of payments over a period defined in the particular underlying contract, decision, agreement or basic legal act.

	31.12.2022	31.12.2021
Non-current pre-financing	-	7 233
Current pre-financing	10 492	84 240
<b>Total</b>	<b>10 492</b>	<b>91 474</b>

For all pre-financing amounts open at 31 December 2022, a case-by-case assessment has been performed. No pre-financing amount was classified as non-current at year-end. The outstanding balance is likely to be cleared in the course of 2023 and consequently included under current pre-financing heading.

According to the Horizon 2020 rules the incurred costs (both actual and estimated) are cleared against pre-financing when the total amounts paid to the beneficiary reach 90% of the grant agreement amount. In addition, only the amount exceeding this threshold is cleared. As the H2020 projects are reaching maturity and expected to end by 2023, the non-current pre-financing open at the end of year decreased substantially compared to 2021.

The overall decrease of pre-financing by kEUR 80 982 is mainly due to the clearing of the gross pre-financing with kEUR 74 991 of estimated (cut-off) expenses for on-going or ended projects where no cost claims were validated by 31 December 2022 (see note 2.8).

**2.4. EXCHANGE RECEIVABLES & NON-EXCHANGE RECOVERABLES**

Exchange transactions are transactions in which the entity receives assets or services, or has liabilities extinguished, and directly gives approximately equal value (primarily in the form of goods, services or use of assets) to the other party in exchange. Non-exchange transactions are transactions in which an entity

either receives value from another entity without directly giving approximately equal value in exchange, or gives value to another entity without directly receiving approximately equal value in exchange.

At 31 December 2022, SESAR 3 JU did not have any balances related to non-current receivables and recoverables. All the amounts under are current and can be split as follows:

	<i>EUR '000</i>	
	31.12.2022	31.12.2021
<b>Recoverables from non-exchange transactions</b>		
<i>Cash contributions to be paid by the Members</i>	1 500	-
<i>Other</i>	(5)	-
	<b>1 495</b>	<b>-</b>
<b>Receivables from exchange transactions</b>		
<i>Central treasury liaison accounts</i>	107 168	592
<i>Deferred charges</i>	127	130
<i>Receivable from Members</i>	226	72
<i>Receivable from the Commission</i>	29	53 264
	<b>107 550</b>	<b>54 058</b>
<b>Total</b>	<b>109 045</b>	<b>54 058</b>

The largest amount under this heading relate to the central treasury liaison (intercompany) accounts with the European Commission that represent a virtual bank account of SESAR 3 JU. The treasury of SESAR 3 JU has been integrated into the Commission's treasury system. The payments and receipts are processed via the Commission's treasury system (except the imprest account – see note **2.5**) and registered on intercompany accounts which are presented under this heading. The result of the incoming and outgoing payments represents the funds available for the Joint Undertaking.

The increase of this heading is related to unspent Commission contribution to Horizon Europe operational expenditure (see note **2.9.3**).

The amount Receivable from the Commission in 2021 comprised the recovery order for the first instalment on the 2022 EU contributions to the operating and running costs that was issued in December 2021 and cashed in January 2022.

## 2.5. CASH AND CASH EQUIVALENTS

The majority of payments and receipts are processed via the Commission's treasury system and registered on liaison accounts, which are presented under heading 'receivables from exchange transactions' (see **2.4**).

The amounts on the imprest account are used for reimbursement of charges for the bank guarantee related to the rental contract of the SESAR 3 JU premises. The amounts presented under this heading are net of the guarantee fees of 2022.

	<i>EUR '000</i>	
	31.12.2022	31.12.2021
<i>Imprest account</i>	9	4

The amounts on the imprest account are used for reimbursement of charges for the bank guarantee related to the rental contract of the SESAR 3 JU premises. The amounts presented under this heading are net of the guarantee fees of 2022.

## LIABILITIES

### 2.6. PROVISIONS

Provisions are recognised when the entity has a present legal or constructive obligation towards third parties as a result of past events, it is more likely than not that an outflow of resources will be required to settle the obligation, and the amount can be reliably estimated. Provisions are not recognised for future operating losses. The amount of the provision is the best estimate of the expenditure expected to be required to settle the present obligation at the reporting date. Where the provision involves a large number of items, the obligation is estimated by weighting all possible outcomes by their associated probabilities ('expected value' method).

	<i>EUR '000</i>	
	31.12.2022	31.12.2021
<i>Short-Term provisions</i>	1 534	-

SESAR 3 JU will move to the Eurocontrol premises in February 2023. The provision of the new facilities and associated services was agreed under the Back Office Arrangements (article 158 of the SBA), adopted by the SESAR 3 JU Governing Board. The conditions offered by Eurocontrol make the cost benefit analysis positive.

Included under 'short-term provisions' is the amount corresponding to the indemnity to the lessor for the two years earlier termination of the SESAR 3 JU lease agreement. The settlement of the obligation will be made in the beginning of 2023.

### 2.7. PAYABLES AND OTHER LIABILITIES

Payables are liabilities to pay for goods or services that have been received or supplied and - unlike accrued charges - have already been invoiced or formally agreed with the supplier. Payables can relate to both exchange transactions (such as the purchase of goods and services) and non-exchange transactions (e.g. cost claims from beneficiaries of grants, pre-financing or other EU funding).

	<i>EUR '000</i>	
	31.12.2022	31.12.2021
<i>Contribution in kind from Members to be validated</i>	84 595	87 094
<i>Contribution in cash from EC to be validated<sup>6</sup></i>	85 208	-
<i>Vendors</i>	2 009	4 155
<i>Pre-financing received from EC for Delegation agreements</i>	2 105	2 520
<i>Public Bodies and other current payables</i>	1 807	3 399
<i>Sundry payables</i>	8	14
<b>Total</b>	<b>175 731</b>	<b>97 182</b>

Included under 'contribution in-kind from Members to be validated' are the in kind contributions related to on-going projects without a validated contribution certificate at 31 December. The amount of in-kind contributions was estimated on a case-by-case basis using the best available information on the projects. It should be noted that accrued charges related to the estimated EU co-financing to SESAR2020 projects are recorded under the heading 'accrued charges' (see note **2.8**).

Included under 'contribution in cash from Members to be validated' is the pre-financing payment of the financial contributions for the implementation of the Horizon Europe Framework Programme (first

<sup>6</sup> Accounting flows related to the new FPPA of the Joint Undertakings as explained in 1.5.1 'Financial contributions', 2.9 'Contributions from Members and 2.9.3 'Research and Innovation funding programme for 2021-2027 (Horizon Europe)'

instalment), in accordance with Article 19 of the Financial Framework Partnership Agreement 2020-2027 between the European Union and SESAR 3 JU.

The amount of pre-financing liability relates to the remaining amount due to the Commission in the context of the delegation agreement for U-Space Services. The decrease for the amount of kEUR 415 corresponds to the expenses incurred by the SESAR JU related to the implementation of the U-space demonstration activities and Architecture of the European Airspace studies.

The Public Bodies and other current payables decreased by kEUR 1 592 as a result of less cost claims received but not yet validated and paid at 31 December 2022.

## 2.8. ACCRUED CHARGES

Accruals are liabilities to pay for goods or services that have been received or supplied but - unlike payables - have not yet been invoiced or formally agreed with the supplier. They include amounts due to employees (e.g. accruals for untaken holidays). The calculation of accruals is based on the open amount of budgetary commitments at year-end. The portion of the estimated accrued charges relating to pre-financing paid has been recorded as a reduction of the pre-financing amounts.

	<i>EUR '000</i>	
	<b>31.12.2022</b>	<b>31.12.2021</b>
<i>Accrued charges</i>	28 099	35 651

Accrued charges are composed of estimated operational expenses of kEUR 27 301 for on-going or ended projects without a validated cost statement where the 2022 expense was estimated on a case-by-case basis using the best available information about the projects at 31 December 2022. The portion of the estimated accrued charges related to pre-financing has been recorded as reduction of the open pre-financing (see note **2.3**). The decrease of the operating accruals is mainly due to the fact that cost claims for final and interim payments were validated for many projects and there were thus fewer projects for which charges had to be estimated and accrued at year-end.

The heading also includes accrued administrative expense (kEUR 704 at 31 December 2022, kEUR 396 at 31 December 2021) and accrued staff costs of (kEUR 93 at 31 December 2022, kEUR 108 at 31 December 2021) for untaken leave.

## NET ASSETS

### 2.9. CONTRIBUTIONS FROM MEMBERS

The JU is funded by contributions from its members. Given their funding nature these contributions, which comprise both cash contributions and contributions in kind, are recognised in the JU's net assets as 'Contributions from owners' once validated. The term 'owner' does not imply ownership of any shares of the JU (in fact no shares are issued), but reflects the specific governance of the JU where voting rights are allocated in accordance with the contributions made.

In accordance with Article 19 of the Financial Framework Partnership Agreement (FFPA) 2020-2027, the SESAR 3 JU received from the European Union a pre-financing payment for the amount of kEUR 83 458 for the implementation of the Horizon Europe Framework Programme.(see note **1.5.1**)

According to the Specific Guidance for the accounting of the EU cash contributions<sup>7</sup> received by the Joint Undertakings under FFPA related to MFF 2021-2027, the contributions payments done by the EU for the Horizon Europe Programme are accounted as 'Contributions in cash to be validated'. It will be qualified as final payments and formally transferred to the net assets once the Commission has accepted the Consolidated Annual Activity Report – AAR (Art. 19.2 FFPA).

Programming period	2022			2021		
	Cash <sup>8</sup>	in-Kind	Total	Cash	in-Kind	Total
FP7	766 636	935 502	1 702 138	766 636	935 502	1 702 138
H2020	564 891	508 185	1 073 076	560 584	423 357	983 940
HE	1 500	-	1 500	-	-	-
<b>Total</b>	<b>1 333 028</b>	<b>1 443 687</b>	<b>2 776 716</b>	<b>1 327 219</b>	<b>1 358 859</b>	<b>2 686 079</b>

EUR '000

<sup>7</sup> Specific Guidance: Accounting for EU cash contributions received by Joint Undertakings under the Financial Framework Partnership Agreement related to MFF 2021-2027 Ares(2022)6810953

<sup>8</sup> Included under this heading are also unpaid contributions for which recovery order was issued and not yet cashed at the year end. See Statement of changes in net assets.



### 2.9.1. Research and Innovation funding programme for 2007-2013 (FP7)

Unlike for Horizon 2020 (see below 2.9.2), under FP7 programme the total eligible costs minus the EU co-financing validated by the Executive Director of SESAR 3 JU are considered as an in-kind contribution.

Member	Commission		Industry Members		Eurocontrol		Total	
	Cash		Cash	In kind	Cash	In kind	Cash	In kind
<i>Running costs contributions at 31.12.2021</i>	22 021		23 387	-	20 027	-	<b>65 435</b>	-
<i>Adjustments of prior years' contributions</i>	-		-	-			-	-
<b>Running costs contributions at 31.12.2022</b>	<b>22 021</b>		<b>23 387</b>	<b>-</b>	<b>20 027</b>	<b>-</b>	<b>65 435</b>	<b>-</b>
<i>Operating costs contributions at 31.12.2021</i>	588 217		-	512 559	112 984	422 943	<b>701 201</b>	<b>935 502</b>
<b>Operating costs contributions at 31.12.2022</b>	<b>588 217</b>		<b>-</b>	<b>512 559</b>	<b>112 984</b>	<b>422 943</b>	<b>701 201</b>	<b>935 502</b>
<i>TOTAL contributions at 31.12.2021</i>	610 239		23 387	512 599	133 010	422 943	<b>766 936</b>	<b>935 502</b>
<b>TOTAL contributions at 31.12.2022</b>	<b>610 239</b>		<b>23 387</b>	<b>512 599</b>	<b>133 010</b>	<b>422 943</b>	<b>766 936</b>	<b>935 502</b>
<i>% of total contributions (by type)</i>	79.60%		3.05%	54.79%	17.35%	45.21%	<b>100.00%</b>	<b>100.00%</b>
<i>Total contribution in %</i>	35.85%			31.49%		32.66%	<b>100.00%</b>	
<i>Voting rights %</i>	33.75%			28.13%		28.12%	<b>90.00%</b>	

On 8 October 2020 the SESAR 3 JU Administrative Board adopted decision for anticipated reimbursement of the remaining cash for the SESAR 1 Programme but in 2022 no values of cash and in-kind contributions have been added to the FP7 programme.

## 2.9.2. 2007-2013 (FP7) MFF: Total Members' Contributions (in EUR million)

Members	Members' contributions (as per Founding Regulation and bilateral agreements)				Members' contributions (as at 31.12.2022)					
	Operational and administrative activities	Additional activities	Total	Cash	In-kind validated	In-kind reported not validated	In-kind to additional activities	Total	Achievement rate with IKAA	Achievement rate without IKAA
<i>Commission (DG Move)</i>	700	N/A	700	610	0	0	N/A	610	N/A	87%
<i>Eurocontrol</i>	670	N/A	670	133	423	0	N/A	556	N/A	83%
<i>Industry Members</i>	584	N/A	584	23	513	0	N/A	536	N/A	92%
<b>Total</b>	<b>1 955</b>	<b>N/A</b>	<b>1 955</b>	<b>767</b>	<b>936</b>	<b>0</b>	<b>N/A</b>	<b>1 703</b>	<b>N/A</b>	<b>87%</b>

2.9.3. Research and Innovation funding programme for 2014-2020 (Horizon 2020)<sup>9</sup>

In line with the Horizon 2020 rules, only contributions from the members certified by an external auditor and validated by the Executive Director of SESAR 3 JU are considered in-kind contributions to the net assets. Estimated in-kind contributions, i.e. contributions for which no certifications have been received and/or this certification has not been validated by the Executive Director, are reported under other liabilities.

Member	Commission		Industry Members		Eurocontrol		Total	
	Cash		Cash	In kind	Cash	In kind	Cash	In kind
<i>Running costs contributions at 31.12.2021</i>	19 739		8 705		15 549	-	<b>43 993</b>	-
<i>Current year contributions</i>	68		2 050		1 292		<b>3 411</b>	-
<b>Running costs contributions at 31.12.2022</b>	<b>19 807</b>		<b>10 756</b>	-	<b>16 840</b>	-	<b>47 403</b>	-
<i>Operating costs contributions at 31.12.2021</i>	516 433		-	192 580	157	230 777	<b>516 590</b>	<b>423 357</b>
<i>Adjustments of prior years' contributions</i>	-				(157)		<b>( 157)</b>	-
<i>Current year contributions</i>	1 055			41 547		43 281	<b>1 055</b>	<b>84 828</b>
<b>Operating costs contributions at 31.12.2022</b>	<b>517 488</b>		-	<b>234 127</b>	<b>0</b>	<b>274 058</b>	<b>517 488</b>	<b>508 185</b>
<i>TOTAL contributions at 31.12.2021</i>	536 172		8 705	192 580	15 706	230 777	<b>560 584</b>	<b>423 357</b>
<b>TOTAL contributions at 31.12.2022</b>	<b>537 295</b>		<b>10 756</b>	<b>234 127</b>	<b>16 840</b>	<b>274 058</b>	<b>564 891</b>	<b>508 185</b>
<i>% of total contributions (by type)</i>	95.11%		1.90%	46.07%	2.98%	53.93%	<b>100.00%</b>	<b>100.00%</b>
<i>Total contribution in %</i>	50.07%		22.82%		27.11%		<b>100.00%</b>	
<i>Voting rights %</i>	19.20%		36.10%		34.70%		<b>90.00%</b>	

<sup>9</sup> The rules of distribution of voting rights are defined in Article 150 of Council Regulation (EU) 2021/2085 of 19 November 2021. Based on this article, the number of votes of the members of the Single European Sky ATM Research 3 Joint Undertaking shall be in proportion to their contribution to the budget of the joint undertaking. However, the Union and Eurocontrol shall each have at least 25 % of the total number of votes and the representative of the civil users of airspace shall have at least 10 % of the total number of votes. This organisation is not a member of SESAR 3 JU and does not provide any financial or in-kind contributions to the joint undertaking.

## 2.9.4. 2014-2020 (Horizon 2020) MFF: Total Members 'Contributions (in EUR million)

Members	Members' contributions (as per Founding Regulation and bilateral agreements)				Members' contributions (as at 31.12.2022)					
	Operational and administrative activities	Additional activities	Total	Cash	In-kind validated	In-kind reported not validated	In-kind to additional activities	Total	Achievement rate with IKAA	Achievement rate without IKAA
<i>Commission (DG Move)</i>	585	N/A	585	537	0	0	N/A	537	N/A	92%
<i>Eurocontrol</i>	458	N/A	458	17	274	40	N/A	330	N/A	72%
<i>Industry Members</i>	298	N/A	298	11	234	45	N/A	289	N/A	97%
<b>Total</b>	<b>1 342</b>	<b>N/A</b>	<b>1 342</b>	<b>565</b>	<b>508</b>	<b>84</b>	<b>N/A</b>	<b>1 157</b>	<b>N/A</b>	<b>86%</b>

2.9.5. Research and Innovation funding programme for 2021-2027 (Horizon Europe)<sup>10</sup>

In accordance with Article 19 of the Financial Framework Partnership Agreement (FFPA) 2020-2027, the SESAR 3 JU received from the European Union a pre-financing payment for the amount of kEUR 83 458 for the implementation of the Horizon Europe Framework Programme.(see note **1.5.1**)

According to the Specific Guidance for the accounting of the EU cash contributions received by the Joint Undertakings under FFPA related to MFF 2021-2027, the contributions payments done by the EU for the Horizon Europe Programme are accounted as 'Contributions in cash to be validated'. It will be qualified as final payments and formally transferred to the net assets once the Commission has accepted the Consolidated Annual Activity Report – AAR (Art. 19.2 FFPA).

The rules of distribution of voting rights are defined in Article 150 of Council Regulation (EU) 2021/2085 of 19 November 2021. Based on this article, the number of votes of the members of the Single European Sky ATM Research 3 Joint Undertaking shall be in proportion to their contribution to the budget of the joint undertaking. However, the Union and Eurocontrol shall each have at least 25 % of the total number of votes and the representative of the civil users of airspace

<sup>10</sup> The rules of distribution of voting rights are defined in Article 150 of Council Regulation (EU) 2021/2085 of 19 November 2021. Based on this article, the number of votes of the members of the Single European Sky ATM Research 3 Joint Undertaking shall be in proportion to their contribution to the budget of the joint undertaking. However, the Union and Eurocontrol shall each have at least 25 % of the total number of votes and the representative of the civil users of airspace shall have at least 10 % of the total number of votes. This organisation is not a member of SESAR 3 JU and does not provide any financial or in-kind contributions to the joint undertaking.

shall have at least 10 % of the total number of votes. This organisation is not a member of SESAR 3 JU and does not provide any financial or in-kind contributions to the joint undertaking.

EUR '000

Member	Commission		Industry Members		Eurocontrol		Total	
	Cash		Cash	In kind	Cash	In kind	Cash	In kind
<i>Running costs contributions at 31.12.2021</i>	-		-	-	-	-	-	-
<i>Current year contributions</i>	-		-	-	1 500	-	<b>1 500</b>	-
<b>Running costs contributions at 31.12.2022</b>	-		-	-	<b>1 500</b>	-	<b>1 500</b>	-
<i>Operating costs contributions at 31.12.2021</i>	-		-	-	-	-	-	-
<i>Adjustments of prior years' contributions</i>	-		-	-	-	-	-	-
<i>Current year pre-financing under FFPA</i>	83 458		-	-	-	-	-	-
<i>Current year contributions</i>	0		-	-	-	-	-	-
<b>Operating costs contributions at 31.12.2022</b>	<b>83 458</b>		-	-	-	-	<b>83 458</b>	-
<i>TOTAL contributions at 31.12.2021</i>	-		-	-	-	-	-	-
<b>TOTAL contributions at 31.12.2022</b>	<b>83 458</b>		-	-	<b>1 500</b>	-	<b>84 958</b>	-

## 2.9.6. 2021-2031 (Horizon Europe): Total Members' Contributions (in EUR million)

Members	Members' contributions (as per Founding Regulation and bilateral agreements)						Members' contributions (as at 31.12.2022)				
	Operational and administrative activities	Additional activities	Total	Cash	In-kind validated	In-kind reported not validated	In-kind to additional activities	Total	Achievement rate with IKAAs	Achievement rate without IKAAs	
<i>Commission (DG Move)</i>	600	N/A	600	83	0	0	N/A	83	N/A	14%	
<i>Eurocontrol</i>	500	N/A	500	2	0	0	N/A	2	N/A	0%	
<i>Industry Members</i>	500	N/A	500	0	0	0	N/A	0	N/A	0%	
<b>Total</b>	<b>1 602</b>	<b>N/A</b>	<b>1 602</b>	<b>85</b>	<b>0</b>	<b>0</b>	<b>N/A</b>	<b>85</b>	<b>N/A</b>	<b>5%</b>	

### 3. NOTES TO THE STATEMENT OF FINANCIAL PERFORMANCE

#### REVENUE

#### NON-EXCHANGE REVENUE

Revenue from non-exchange transactions relates to transactions where the transferor provides resources to the recipient entity without the recipient entity providing approximately equal value directly in exchange. The heading mainly includes amounts received from the Commission during the year and recoveries of operational expenses.

#### 3.1. RECOVERY OF EXPENSES

The revenue resulting from recovery of expenses refers to operational expenses recovered from beneficiaries during the year and adjustments coming from audits that will be collected in the following year.

	<i>EUR '000</i>	
	2022	2021
<i>Recovery of expenses</i>	1 359	–

Included under this heading are recoveries of expenses for the amount of kEUR 944 following the implementation projects' audits. The financial impact of the audit results implementation in 2021 amounted to 209 kEUR and was reclassified as decrease of operational expenses related to projects.

Included under this heading are also the revenues recognised for the delegation agreement MOVE/E3/DA/2017 for the U-Space Services and for the Architecture of the European Airspace studies. The remaining liability representing the unspent amount is recognised under payables (see note **2.7**).

#### EXPENSES

#### 3.2. OPERATIONAL COSTS

Included under this heading are operational expenses related to projects that were carried out in the current year. The part of the operational costs related to on-going projects without any validated cost claims (or equivalent) available at 31 December was estimated using the best information available at the time of preparation of the annual accounts. The estimation is based on case-by-case assessment of completion which ensures that only costs that reflect the services or work performed by 31 December are included in the operational costs of the year. Depending on the availability of information at the time of preparation of the annual accounts, the estimates are based on costs incurred to date as a proportion of the estimated total costs of the projects ("pro-rata temporis").

The break-down of the operational costs between operational costs incurred on the basis of validated cost claims (or equivalent) and estimated operational costs is given in the table below:

		<i>EUR '000</i>	
	Note	2022	2021
<i>Operational costs: validated in-kind contributions</i>		84 828	86 630
<i>Operational costs: estimated in-kind contributions</i>	2.7	(2 499)	(5 980)
<b>Total operational costs from in-kind contributions</b>		<b>82 329</b>	<b>80 650</b>
<i>Operational costs: incurred and validated</i>		78 425	58 405
<i>Operational costs: estimated</i>	2.8	19 756	29 629
<b>Total operational costs from EU co-financing</b>		<b>98 181</b>	<b>88 034</b>
<b>Total</b>		<b>180 510</b>	<b>168 684</b>

The overall increase of the operational costs is a combined effect of increase of estimated costs from in-kind and EU co-financing and a decrease of operating costs incurred on the basis of validated cost claims.

In 2022 and 2021 all in-kind contributions from the members were validated in the normal process at year end of 2022 and 2021.

As the H2020 projects are reaching maturity, the amounts related to the validated cost claims were higher than in 2021 which explains the decrease of estimated operational costs under this sub-heading.

### 3.3. STAFF COSTS

This heading includes the expenses for salaries, allowances and other employment-related benefits. Based on the service level agreement between the JU and the Commission, the calculations of staff-related costs is carried out by the Commission's Office for Administration and Payment of Individual Entitlements (also known as the Paymaster's Office - PMO). The pensions of the JU staff members are covered by the Pension Scheme of European Officials. This pension scheme is a defined benefit plan, i.e. the amount of benefit an employee will receive on retirement depends on several factors, the most important of which is years of service. The JU staff, the JU and the EU budget contribute to the pension scheme, with the contribution percentage being revised annually in line with the changes in the Staff Regulation governing the scheme. The cost to the EU Budget is not reflected in the JU accounts. Similarly, no provision related to the future pension payments is recognised in the annual accounts of the JU, as the obligation falls to the Commission.

At 31 December 2022, the contribution of SESAR 3 Joint Undertaking was fixed in the amount of kEUR 53, that constitutes 7.7 % of the total pension scheme contributions, calculated in accordance with the requirements of in accordance with Article 83a(2).<sup>11</sup> of the Staff Regulations. This contribution is accounted within staff costs.

As per Article 83a(2) of the Staff Regulations, the exact part paid by the JU shall correspond to the percentage share between a) the JU's revenues without the subsidy from the general budget, and b) its total revenues.

In view of implementation problems and the principle of good administration, it was agreed between the Commission and the JUs that the provisions of Article 83a(2) are applied only to the JUs set up by the SBA and Euro HPC and not to those established under the previous Regulations. Given the late entry into force of the SBA at the end of November 2021, this applicability starts as from 2022.

	EUR '000	
	2022	2021
<i>Staff costs</i>	4 532	4 340

The increase in 2022 is related to the indexation of salaries and the reclassification exercise.

### 3.4. FINANCE EXPENSES

	EUR '000	
	31.12.2022	31.12.2021
<i>Interest expense on late payment of charges</i>	10	27
<i>Other financial expenses</i>	5	5
<b>Total</b>	<b>15</b>	<b>32</b>

The decrease of interest expenses on late payments is mainly due to interest calculated on less overdue receivables in 2022.

<sup>11</sup> From 1 January 2016 agencies which are partly financed from that budget shall pay the part of the employers' contributions which corresponds to the proportion between the agency's revenues without the subsidy from the general budget of the European Union and its total revenues."

### 3.5. OTHER EXPENSES

Included under this heading are expenses of administrative nature such as external non IT services, operating leasing expenses, communications and publications, training costs etc.

	<i>EUR '000</i>	
	<b>2022</b>	<b>2021</b>
<i>External IT services</i>	1 620	1 111
<i>Provision for other liabilities and charges</i>	1 534	-
<i>Communications &amp; publications</i>	719	468
<i>External non IT services</i>	633	556
<i>Operating leasing expenses</i>	544	550
<i>Property, plant and equipment related expenses</i>	205	187
<i>Missions</i>	156	11
<i>Other</i>	66	49
<i>Experts expenses</i>	18	6
<i>Training costs</i>	5	(10)
<b>Total</b>	<b>5 500</b>	<b>2 929</b>

The overall increase of kEUR 2 571 compared to the previous year can be largely explained by the charges recognized and measured as a provision and stemming from the present obligation to pay indemnity for the early termination of the SESAR 3 JU lease agreement.

The rise in the costs for: missions kEUR 145, work related meetings with experts kEUR 12 and communication and publication expenses kEUR 251 can be explained by more activities organized in 2022, compared to 2021, due to the less strict COVID-19 related measures.

The IT costs growth is due to the higher level of IT services provided by Eurocontrol (2022: kEUR 1 470 vs. 2021: kEUR 851).

The amounts committed and to be paid include rent and related charges for the remaining term of the early terminated lease contract, initially expected to be terminated by February 2023.

As SESAR 3 JU will move to the Eurocontrol premises in February 2023, included under this heading are also the charges related to the provision of the new facilities and associated services by Eurocontrol, agreed under the Back Office Arrangements (article 158 of the SBA) and adopted by the SESAR 3 JU Governing Board.

	<i>EUR '000</i>			
	<b>Future amounts to be paid at 31 December 2022</b>			
	<b>&lt; 1 year</b>	<b>1- 5 years</b>	<b>&gt; 5 years</b>	<b>Total</b>
<i>Buildings</i>	1 651	585	351	2 587



## 4. OTHER SIGNIFICANT DISCLOSURES

### 4.1. CONTINGENT ASSETS

	<i>EUR '000</i>	
	31.12.2022	31.12.2021
<i>Contingent assets</i>	-	611

In 2021 the heading contingent assets of kEUR 611 covered the ex-post audit corrections for the U-Space Services' projects. As the audit contradictory procedure was not yet finalised at 2021 year-end, SESAR 3 JU recognised the revenue only after receiving a signed agreement from the beneficiaries. Before the signature of the agreement, the amount was presented as contingent asset.

### 4.2. OUTSTANDING COMMITMENTS NOT YET EXPENSED

The outstanding commitments not yet expensed comprise the budgetary RAL ('Reste à Liquider') less related amounts that have been included as expenses in the current year's statement of financial performance. The RAL represents the open budgetary commitments for which payments and/or de-commitments have not yet been made. This is the normal consequence of the existence of multi-annual programmes.

	<i>EUR '000</i>	
	31.12.2022	31.12.2021
<i>Outstanding commitments not yet expensed</i>	164 120	51 018

### 4.3. RELATED PARTIES

The related parties of the JU are the participants of the JU and the key management personnel of these entities. As transactions between the JU and these parties take place as part of the normal operations of the JU and on terms and conditions that are normal for such transactions, no specific disclosures are required.

### 4.4. KEY MANAGEMENT ENTITLEMENTS

The Director, or head of entity, is remunerated in accordance with the Staff Regulations of the European Union, which establish the rights and obligations of all officials of the EU. The Staff Regulations are published on the Europa website.

	31.12.2022	31.12.2021
<i>Executive Director</i>	<i>AD14</i>	<i>AD14</i>

The Executive Director is remunerated in accordance with the Staff Regulation of the European Union that is published on the Europa website and which is the official document describing the rights and the obligations of all officials of the EU. In July 2021, the former Executive Director left SESAR 3 JU and was replaced by as an ad interim, appointed by the Governing Board. A new Executive Director of SESAR 3 JU was appointed as of 1 July 2022.

## **4.5. OTHER EVENTS**

### **Russia-Ukraine war**

The war does not affect materially the recognition and measurement of any assets and liabilities on the balance sheet and also of any revenue and expenses recognised in the statement of financial performance as the JU do not have project with Ukrainian beneficiaries.

## 5. FINANCIAL RISK MANAGEMENT

### 5.1. TYPES OF RISK

**Market risk** is the risk that the fair value or future cashflows of a financial instrument will fluctuate, because of variations in market prices. Market risk embodies not only the potential for loss, but also the potential for gain. It comprises currency risk, interest rate risk and other price risk (the entity has no significant interest rate risk and other price risk).

(1) Currency risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. This risk arises from the change in the price of a foreign currency against the functional currency of an entity. (2) Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates.

**Credit risk** is the risk of loss due to a debtor's non-payment or other failure to meet a contractual obligation. The default events include a delay in repayments, and bankruptcy.

**Liquidity risk** is the risk that an EU entity will encounter difficulty in meeting obligations associated with financial liabilities that are settled by delivering cash or another financial asset.

### 5.2. CURRENCY RISKS

At the end of the year, the financial assets are composed of exchange receivables. The financial liabilities are composed of accounts payable. Their ending balances are mainly quoted in EUR, the entity is thus not exposed to currency risk.

### 5.3. CREDIT RISK

At the end of the year, the financial assets comprise exchange receivables that are not past due for more than 30 days. As no credit loss is expected during the life time of those receivables the entity is not exposed to any significant credit risk.

### 5.4. LIQUIDITY RISK

The financial liabilities are mainly composed of accounts payable. All the accounts payable have remaining contractual maturity of less than 1 year.

# THE BUDGET IMPLEMENTATION REPORTS AND EXPLANATORY NOTES

*It should be noted that due to the rounding of figures into thousands of euros, some financial data in the tables below may appear not to add-up.*

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# 1. BUDGETARY PRINCIPLES AND STRUCTURE

## 1.1. BUDGETARY PRINCIPLES

The budget of the SESAR 3 JU has been established in compliance with the principles of unity, budget accuracy, annuality, equilibrium, unit of account, universality, specification, sound financial management and transparency (as set out in Title II of the SESAR 3 JU Financial Rules):

### Principles of unity and budget accuracy

This principle means that no revenue shall be collected and no expenditure effected unless booked to a line in the budget of SESAR 3 JU. No expenditure may be committed or authorised in excess of the appropriations authorised by the budget. An appropriation may be entered in the budget only if it is for an item of expenditure considered necessary.

### Principle of annuality

The appropriations entered in the budget shall be authorised for a financial year which shall run from 1 January to 31 December.

### Principle of equilibrium

The SESAR 3 JU is responsible for the development phase of the SESAR Programme which, following the extension of the SESAR 3 JU in June 2014 is expected to last until 2024. SESAR is a multi-annual programme and in this respect, the programme will be characterized during its life by an expected imbalance between revenues and expenditure. Considering the nature of the SESAR 3 JU Work Programme, the Administrative Board adopted its first Budget in 2008 introducing the following interpretation with regard to the principle of equilibrium:

*'For the SESAR 3 JU the principle of equilibrium shall apply for the totality of the foreseen period for the development phase. That means that the total budget revenue of the foreseen lifetime of the SESAR 3 JU shall be in balance with the total budget expenditure of the same period. However, at no point of the existence of the SESAR 3 JU must cumulative commitment appropriations exceed the cumulative amount of revenue appropriations.'*

### Principle of unit of account

The budget shall be drawn up and implemented in euros and the accounts shall be presented in euros.

### Principle of universality

Total revenue shall cover total payment appropriations and all revenue and expenditure shall be entered in full without any adjustment against each other.

### Principle of specification

Appropriations shall be earmarked for specific purposes at least by title and chapter.

### Principle of sound financial management

Appropriations shall be used in accordance with the principle of sound financial management, namely in accordance with the principles of economy, efficiency and effectiveness.

### Principle of economy

The principle of economy requires that the resources used by the JU in the pursuit of its activities shall be made available in due time, in appropriate quantity and quality and at the best price.

### Principle of efficiency

The principle of efficiency concerns the best relationship between resources employed and results achieved.

### Principle of effectiveness

The principle of effectiveness concerns the attainment of the specific objectives set and the achievement of the intended results.

### Principle of internal control

The principle of internal control of budget implementation means that the JU budget shall be implemented in compliance with effective and efficient internal control in order to provide reasonable assurance of achieving effectiveness, efficiency and economy of operations; reliability of reporting; safeguarding of assets and information; prevention, detection, correction and follow-up of fraud and irregularities; and adequate management of the risks relating to the legality and regularity of the underlying transactions, taking into account the multi-annual character of the programmes as well as the nature of the payments concerned.

### Principle of transparency

The budget shall be established and implemented and the accounts presented in accordance with the principle of transparency. The budget and any amending budgets shall be published on the internet site of the SESAR 3 JU within four weeks of their adoption and shall be transmitted to the Commission and the Court of Auditors.

## 1.2. STRUCTURE AND PRESENTATION OF THE BUDGET

SESAR 3 JU makes use of differentiated appropriations for its administrative expenditure and operational expenditure.

Following the provisions of the financial rules of the JU, the budget accounts shall consist of a statement of revenue and a statement of expenditure. The budget is distributed in the following titles:

**Title 1:** Budget lines relating to staff expenditure such as salaries and allowances for persons working with the joint undertaking. It also includes recruitment expenses, staff missions, expenses for the socio-medical infrastructure and representation costs.

**Title 2:** Budget lines relating to all infrastructure, equipment, meetings, experts (from Governance bodies), studies, ex-post audits and miscellaneous administrative expenditure.

**Title 3:** Budget lines provide for the implementation of the activities and tasks assigned to the joint undertaking in accordance with Horizon 2020 Programme (including experts for evaluations).

**Title 4:** Budget lines provide for the implementation of the activities and tasks assigned to the joint undertaking in accordance with Horizon Europe Programme (including experts for evaluations).

**Title 5:** Budget lines provide for Unused Appropriations not required in current Year (both administrative and operational).

## 2. RESULT OF THE IMPLEMENTATION OF THE BUDGET

		<i>EUR '000</i>	
	Title	2022	2021
<b>Revenue</b>		<b>143 467</b>	<b>45 578</b>
of which:			
Contribution from the European Union	1	139 570	41 287
Contribution from Eurocontrol	2	918	776
Contribution from other members	3	2 050	1 834
Other revenue	4	928	1 680
<b>Expenditure</b>		<b>(36 281)</b>	<b>(63 132)</b>
of which:			
Staff expenditure	1	(5 030)	(4 826)
Administrative expenditure	2	(3 009)	(2 159)
Operational expenditure	3	(28 242)	(56 147)
Specific expenditure	4	( 0)	-
Other expenditure	5	0	0
<b>Exchange rate differences</b>		<b>0</b>	<b>0</b>
<b>Budget result</b>		<b>107 186</b>	<b>(17 554)</b>



### 3. RECONCILIATION OF ECONOMIC RESULT WITH BUDGET RESULT

EUR '000

	2022	2021
<b>ECONOMIC RESULT OF THE YEAR</b>	<b>(189 198)</b>	<b>(175 979)</b>
<b>Adjustment for accrual items (items not in the budgetary result but included in the economic result)</b>	<b>153 777</b>	<b>73 044</b>
<i>In-kind contributions validated in the year</i>	84 828	86 630
<i>Adjustments for accrual cut-off (net)</i>	18 959	35 916
<i>Unpaid invoices at year end but booked in expenses</i>	193	2 933
<i>Depreciation of intangible and tangible assets</i>	(12)	(22)
<i>Recovery orders issued in the year and not yet cashed</i>	(1 654)	(52 499)
<i>Correction of recovery orders issued last year</i>	72	82
<i>Pre-financing given in previous year and cleared in the year</i>	51 296	-
<i>Payments made from non-budget lines</i>	71	4
<i>Other individually immaterial</i>	24	(0)
<b>Adjustment for budgetary items (item included in the budgetary result but not in the economic result)</b>	<b>142 606</b>	<b>85 381</b>
<i>Members' cash contributions collected in the year</i>	57 335	43 814
<i>Asset acquisitions (less unpaid amounts)</i>	64	85
<i>New pre-financing paid in the year and remaining open as at 31.12</i>	-	41 481
<i>New pre-financing received in the year and remaining open as at 31.12</i>	85 208	
<b>BUDGET RESULT OF THE YEAR</b>	<b>107 186</b>	<b>(17 555)</b>

## 4. IMPLEMENTATION OF BUDGET REVENUE

### 4.1. Implementation of budget revenue – Title 1

EUR '000

Item	Income appropriations		Entitlements established			Revenue					Out-standing
	Initial budget	Final budget	Current year	Carried over	Total	On entitlements of current year	On entitlements carried over	Total	%		
	1	2	3	4	5=3+4	6	7	8=6+7	9=8/2	10=5-8	
1101 Horizon 2020 contribution to administrative expenditure	3 313	3 313	68	3 245	3 313	68	3 245	3 313	100 %	0	
<b>Total Chapter 11</b>	<b>3 313</b>	<b>3 313</b>	<b>68</b>	<b>3 245</b>	<b>3 313</b>	<b>68</b>	<b>3 245</b>	<b>3 313</b>	<b>100 %</b>	<b>0</b>	
1201 Horizon 2020 contribution to operational expenditure	51 048	51 048	1 055	49 993	51 048	1 055	49 993	51 048	100 %	0	
1202 Horizon Europe contribution to operational expenditure	0	83 458	83 458	0	83 458	83 458	0	83 458	100 %	0	
<b>Total Chapter 12</b>	<b>51 048</b>	<b>134 506</b>	<b>84 513</b>	<b>49 993</b>	<b>134 506</b>	<b>84 513</b>	<b>49 993</b>	<b>134 506</b>	<b>100 %</b>	<b>0</b>	
1400 Contribution (assigned revenue) from the Commission and Parliament	0	0	1 750	0	1 750	1 750	0	1 750	100 %	0	
<b>Total Chapter 14</b>	<b>0</b>	<b>0</b>	<b>1 750</b>	<b>0</b>	<b>1 750</b>	<b>1 750</b>	<b>0</b>	<b>1 750</b>	<b>100 %</b>	<b>0</b>	
<b>Total Title 1</b>	<b>54 361</b>	<b>137 820</b>	<b>86 332</b>	<b>53 238</b>	<b>139 570</b>	<b>86 332</b>	<b>53 238</b>	<b>139 570</b>	<b>101 %</b>	<b>0</b>	
2101 Contribution from Eurocontrol in cash SESAR2020	1 052	2 552	918	0	918	0	0	0	0 %	918	
2102 Contribution from Eurocontrol in cash SESAR3	0	0	1 500	0	1 500	0	0	0	-	1 500	
<b>Total Chapter 21</b>	<b>1 052</b>	<b>2 552</b>	<b>2 418</b>	<b>0</b>	<b>2 418</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0 %</b>	<b>2 418</b>	
<b>Total Title 2</b>	<b>1 052</b>	<b>2 552</b>	<b>2 418</b>	<b>0</b>	<b>2 418</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0 %</b>	<b>2 418</b>	
3101 Contribution from other members in cash SESAR2020	3 106	2 287	2 050	0	2 050	2 050	0	2 050	90 %	0	
<b>Total Chapter 31</b>	<b>3 106</b>	<b>2 287</b>	<b>2 050</b>	<b>0</b>	<b>2 050</b>	<b>2 050</b>	<b>0</b>	<b>2 050</b>	<b>90 %</b>	<b>0</b>	
<b>Total Title 3</b>	<b>3 106</b>	<b>2 287</b>	<b>2 050</b>	<b>0</b>	<b>2 050</b>	<b>2 050</b>	<b>0</b>	<b>2 050</b>	<b>90 %</b>	<b>0</b>	
4400 Exceptional revenues SESAR1	0	0	193	72	264	193	0	193	-	72	
4401 Exceptional revenues SESAR2020	0	0	852	0	852	698	0	698	-	154	
<b>Total Chapter 44</b>	<b>0</b>	<b>0</b>	<b>1 045</b>	<b>72</b>	<b>1 117</b>	<b>891</b>	<b>0</b>	<b>891</b>	<b>-</b>	<b>226</b>	
<b>Total Title 4</b>	<b>0</b>	<b>0</b>	<b>1 045</b>	<b>72</b>	<b>1 117</b>	<b>891</b>	<b>0</b>	<b>891</b>	<b>-</b>	<b>226</b>	

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5101 Budget outturn previous years SESAR2020	1 455	2 463								-
<b>Total Chapter 51</b>	<b>1 455</b>	<b>2 463</b>								<b>-</b>
<b>Total Title 5</b>	<b>1 455</b>	<b>2 463</b>								<b>-</b>
<b>GRAND TOTAL</b>	<b>59 975</b>	<b>145 122</b>	<b>91 845</b>	<b>53 310</b>	<b>145 155</b>	<b>89 273</b>	<b>53 238</b>	<b>142 511</b>	<b>98 %</b>	<b>2 645</b>

## 5. IMPLEMENTATION OF BUDGET EXPENDITURE

### 5.1. Breakdown & changes in commitment appropriations

#### 5.1.1. Breakdown & changes in commitment appropriations – Title 1

EUR '000

Item	Budget appropriations				Additional appropriations			Total appropriations available
	Initial adopted budget	Amending budgets	Transfers	Final adopted budget	Reactivated appropriations	Assigned revenue	Total	
	1	2	3	4=1+2+3	5	6	7=5+6	
1110 Temporary agents	3 106	-	-	3 106	1 694	6	1 700	4 806
<b>Total Chapter 11</b>	<b>3 106</b>	<b>-</b>	<b>-</b>	<b>3 106</b>	<b>1 694</b>	<b>6</b>	<b>1 700</b>	<b>4 806</b>
1210 Contract agents	-	-	-	-	95	-	95	95
1220 Interim staff	-	-	-	-	302	-	302	302
<b>Total Chapter 12</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>397</b>	<b>-</b>	<b>397</b>	<b>397</b>
1410 Seconded national experts (SNE)	-	-	-	-	126	-	126	126
<b>Total Chapter 14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>126</b>	<b>-</b>	<b>126</b>	<b>126</b>
1510 Mission costs	-	-	-	-	200	-	200	200
<b>Total Chapter 15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200</b>	<b>-</b>	<b>200</b>	<b>200</b>
1610 Internal and external training and seminars	-	-	-	-	40	-	40	40
1620 Social and recreational activities	-	-	-	-	46	-	46	46
1630 Recruitment expenditure	-	-	-	-	5	-	5	5
1640 HR support fees	-	-	-	-	90	-	90	90
<b>Total Chapter 16</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>181</b>	<b>-</b>	<b>181</b>	<b>181</b>
<b>Total Title 1</b>	<b>3 106</b>	<b>-</b>	<b>-</b>	<b>3 106</b>	<b>2 598</b>	<b>6</b>	<b>2 605</b>	<b>5 711</b>

## 5.1.2. Breakdown &amp; changes in commitment appropriations – Title 2

EUR '000

Item	Budget appropriations				Additional appropriations			Total appo- pr- avail- able
	Initial adopted budget	Amending budgets	Transfers	Final adopted budget	Reactivat- ed appropri- ations	Assign- ed revenu- e	Total	
	1	2	3	4=1+2+ 3	5	6	7=5+6	
2110 Office and parking rental	0	0	0	0	439	0	439	439
2120 Office and parking charges	0	0	0	0	130	0	130	130
2130 Real estate tax	0	0	0	0	58	0	58	58
2140 Regional tax	0	0	0	0	32	0	32	32
2160 Cleaning and reception	0	0	0	0	169	0	169	169
2170 Security maintenance contract	0	0	0	0	48	0	48	48
2180 Works and repairs	0	0	0	0	3	0	3	3
<b>Total Chapter 21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>879</b>	<b>0</b>	<b>879</b>	<b>879</b>
2310 Realisation of public relations activities and material	0	0	0	0	545	0	545	545
<b>Total Chapter 23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>545</b>	<b>0</b>	<b>545</b>	<b>545</b>
2510 Costs related to Governance bodies	0	0	0	0	10	0	10	10
<b>Total Chapter 25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>10</b>
2610 Administrative supplies and postage	0	0	0	0	20	0	20	20
2620 Photocopier and printer consumables	0	0	0	0	1	0	1	1
2630 Subscription to publications, newspapers, memberships	0	0	0	0	10	0	10	10
2640 Insurances	0	0	0	0	13	4	17	17
2650 Office hospitality	0	0	0	0	9	0	9	9
2660 Packaging and transport	0	0	0	0	0	0	0	0
2670 Bank charges	0	0	0	0	5	0	5	5
<b>Total Chapter 26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>59</b>	<b>4</b>	<b>62</b>	<b>62</b>
2710 IT system maintenance and unified communication	1 052	0	0	1 052	214	0	214	1 267
2720 Software	0	0	0	0	118	0	118	118
2730 Hardware	0	0	0	0	125	0	125	125
2740 Website	0	0	0	0	125	0	125	125

EUR '000

Item	Budget appropriations				Additional appropriations			Total appro- pr- avail- able
	Initial adopted budget	Amending budgets	Transfers	Final adopted budget	Reactivat- ed appropriat- ions	Assign- ed revenu- e	Total	
	1	2	3	4=1+2+ 3	5	6	7=5+6	
2750 ICT support	0	0	0	0	200	0	200	200
<b>Total Chapter 27</b>	<b>1 052</b>	<b>0</b>	<b>0</b>	<b>1 052</b>	<b>782</b>	<b>0</b>	<b>782</b>	<b>1 834</b>
2810 Translation of official documents	0	0	0	0	26	0	26	26
2820 Legal support	0	0	0	0	21	0	21	21
2830 Tax audit and accounting support	0	0	0	0	99	0	99	99
<b>Total Chapter 28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>146</b>	<b>0</b>	<b>146</b>	<b>146</b>
<b>Total Title 2</b>	<b>1 052</b>	<b>0</b>	<b>0</b>	<b>1 052</b>	<b>2 421</b>	<b>4</b>	<b>2 424</b>	<b>3 476</b>

## 5.1.2. Breakdown &amp; changes in commitment appropriations – Title 3 and 4

EUR '000

Item	Initial adopted budget	Budget appropriations			Additional appropriations			Total approp. available	
		Amending budgets	Transfers	Final adopted budget	Reactivated appropriations	Assigned revenue	Total		
		1	2	3	4=1+2+3	5	6		7=5+6
3400	Providing strategic steering to the SESAR programme	-	-	-	-	736	-	736	736
Total Chapter 34		-	-	-	-	736	-	736	736
3500	Deliver exploratory research	-	-	-	-	-	56	56	56
Total Chapter 35		-	-	-	-	-	56	56	56
3600	Deliver industrial research and validation	-	-	-	-	-	712	712	712
Total Chapter 36		-	-	-	-	-	712	712	712
3700	Deliver very large-scale demonstration activities	-	-	-	-	-	4 982	4 982	4 982
Total Chapter 37		-	-	-	-	-	4 982	4 982	4 982
<b>Total Title 3</b>		-	-	-	-	<b>736</b>	<b>5 750</b>	6 486	<b>6 486</b>

EUR '000

Item	Initial adopted budget	Budget appropriations			Additional appropriations			Total approp. available	
		Amending budgets	Transfers	Final adopted budget	Reactivated appropriations	Assigned revenue	Total		
		1	2	3	4=1+2+3	5	6		7=5+6
4000	Experts call evaluations ER1	0	700	0	700	0	0	0	700
4060	Strategic studies and strategy advice	0	2 570	0	2 570	0	0	0	2 570
Total Chapter 40		0	3 270	0	3 270	0	0	0	3 270
4100	ER 1 projects	0	23 725	0	23 725	0	0	0	23 725
4140	Scientific Advisory Board / Scientific Committee	0	120	0	120	0	0	0	120
Total Chapter 41		0	23 845	0	23 845	0	0	0	23 845
4200	IR 1 projects	0	100 337	0	100 337	0	0	0	100 337
Total Chapter 42		0	100 337	0	100 337	0	0	0	100 337
4400	Airspace users	0	400	0	400	0	0	0	400
4401	Professional staff organisations (PSO)	0	300	0	300	0	0	0	300

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4402	Airports expertise	0	250	0	250	0	0	0	250
4403	Young scientist award	0	10	0	10	0	0	0	10
Total Chapter 44		0	960	0	960	0	0	0	960
<b>Total Title 4</b>		<b>0</b>	<b>128 412</b>	<b>0</b>	<b>128 412</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>128 412</b>

Item	Initial adopted budget	Budget appropriations			Additional appropriations			Total approp. available	
		Amending budgets	Transfers	Final adopted budget	Reactivated appropriations	Assigned revenue	Total		
	1	2	3	4=1+2+3	5	6	7=5+6	8=4+7	
5000	Running costs	0	1 500	0	1 500	14 247	1 750	15 997	17 497
5001	Operational costs	0	0	0	0	2 964	0	2 964	2 964
Total Chapter 50		0	1 500	0	1 500	17 211	1 750	18 961	20 461
<b>Total Title 5</b>		<b>0</b>	<b>1 500</b>	<b>0</b>	<b>1 500</b>	<b>17 211</b>	<b>1 750</b>	<b>18 961</b>	<b>20 461</b>
<b>GRAND TOTAL</b>		<b>4 159</b>	<b>129 912</b>	<b>0</b>	<b>134 071</b>	<b>22 966</b>	<b>7 510</b>	<b>30 476</b>	<b>164 547</b>



## 5.2. Breakdown & changes in payment appropriations

### 5.2.1. Breakdown & changes in payment appropriations – Title 1

EUR '000

Item	Budget appropriations				Additional appropriations			Total appropriations	Total available
	Initial budget adopted	Amending budgets	Transfers	Final adopted budget	Reactivated appropriations	Assigned revenue	Total		
	1	2	3	4=1+2+3	5	6	7=5+6	8=4+7	
1110 Temporary agents	4 700	(808)	(31)	3 860	722	6	728	4 588	
<b>Total Chapter 11</b>	<b>4 700</b>	<b>(808)</b>	<b>(31)</b>	<b>3 860</b>	<b>722</b>	<b>6</b>	<b>728</b>	<b>4 588</b>	
1210 Contract agents	83	0	0	83	1	0	1	83	
1220 Interim staff	465	(257)	0	209	11	0	11	220	
<b>Total Chapter 12</b>	<b>548</b>	<b>(257)</b>	<b>0</b>	<b>291</b>	<b>12</b>	<b>0</b>	<b>12</b>	<b>303</b>	
1410 117	117	0	0	117	9	0	9	126	
<b>Total Chapter 14</b>	<b>117</b>	<b>0</b>	<b>0</b>	<b>117</b>	<b>9</b>	<b>0</b>	<b>9</b>	<b>126</b>	
1510 Mission costs	200	0	0	200	0	0	0	200	
<b>Total Chapter 15</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>	
1610 Internal and external training and seminars	40	0	0	40	0	0	0	40	
1620 Social and recreational activities	50	0	0	50	0	0	0	50	
1630 Recruitment expenditure	5	0	0	5	0	0	0	5	
1640 HR support fees	90	0	0	90	0	0	0	90	
<b>Total Chapter 16</b>	<b>185</b>	<b>0</b>	<b>0</b>	<b>185</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>185</b>	
<b>Total Title 1</b>	<b>5 750</b>	<b>(1 065)</b>	<b>(31)</b>	<b>4 653</b>	<b>743</b>	<b>6</b>	<b>750</b>	<b>5 403</b>	

## 5.2.2. Breakdown &amp; changes in payment appropriations – Title 2

EUR '000

Item	Budget appropriations				Additional appropriations			Total apppr. available
	Initial budget adopted	Amending budgets	Transfers	Final adopted budget	Reactivated appropriations	Assigned revenue	Total	
	1	2	3	4=1+2+3	5	6	7=5+6	8=4+7
2110 Office and parking rental	426	0	12	439	3	0	3	441
2120 Office and parking charges	130	(25)	0	105	0	0	0	105
2130 Real estate tax	58	(2)	0	56	58	0	58	114
2140 Regional tax	38	(19)	0	18	31	0	31	50
2160 Cleaning and reception	18	0	0	18	155	0	155	172
2170 Security maintenance contract	0	0	0	0	45	0	45	45
2180 Works and repairs	0	0	0	0	3	0	3	3
<b>Total Chapter 21</b>	<b>670</b>	<b>(47)</b>	<b>12</b>	<b>636</b>	<b>295</b>	<b>0</b>	<b>295</b>	<b>931</b>
2210 Furniture	0	0	0	0	1	0	1	1
<b>Total Chapter 22</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>
2310 Realisation of public relations activities and material	0	0	0	0	503	0	503	503
<b>Total Chapter 23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>503</b>	<b>0</b>	<b>503</b>	<b>503</b>
2510 Costs related to Governance bodies	0	0	0	0	10	0	10	10
<b>Total Chapter 25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>10</b>
2610 Administrative supplies and postage	0	0	0	0	35	0	35	35
2620 Photocopier and printer consumables	0	0	0	0	1	0	1	1
2630 Subscription to publications, newspapers, memberships	0	(10)	10	0	16	0	16	16
2640 Insurances	0	0	0	0	13	4	17	17
2650 Office hospitality	0	0	0	0	17	0	17	17
2660 Packaging and transport	0	0	0	0	0	0	0	0
2670 Bank charges	0	0	0	0	5	0	5	5
<b>Total Chapter 26</b>	<b>0</b>	<b>(10)</b>	<b>10</b>	<b>0</b>	<b>87</b>	<b>4</b>	<b>91</b>	<b>91</b>
2710 IT system maintenance and unified communication	1 052	0	(10)	1 042	253	0	253	1 295
2720 Software	0	0	0	0	75	0	75	75
2730 Hardware	0	0	0	0	101	0	101	101

Item	Budget appropriations				Additional appropriations			Total approp. available
	Initial budget adopted	Amending budgets	Transfers	Final adopted budget	Reactivated appropriations	Assigned revenue	Total	
	1	2	3	4=1+2+3	5	6	7=5+6	
2740 Website	0	0	0	0	125	0	125	125
2750 ICT support	0	0	0	0	220	0	220	220
2751 ICT advice, benchmarking and consulting services	0	0	0	0	150	0	150	150
<b>Total Chapter 27</b>	<b>1 052</b>	<b>0</b>	<b>(10)</b>	<b>1 042</b>	<b>923</b>	<b>0</b>	<b>923</b>	<b>1 965</b>
2810 Translation of official documents	0	0	0	0	29	0	29	29
2820 Legal support	0	0	0	0	21	0	21	21
2830 Tax audit and accounting support	0	0	19	19	152	0	152	171
<b>Total Chapter 28</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>19</b>	<b>202</b>	<b>0</b>	<b>202</b>	<b>221</b>
<b>Total Title 2</b>	<b>1 722</b>	<b>(57)</b>	<b>31</b>	<b>1 697</b>	<b>2 022</b>	<b>4</b>	<b>2 025</b>	<b>3 722</b>

## 5.2.3. Breakdown &amp; changes in payment appropriations – Title 3

EUR '000

Item	Initial budget adopted	Budget appropriations			Additional appropriations			Total	Total approp. available
		Amending budgets	Transfers	Final adopted budget	Reactivated appropriations	Assigned revenue	Total		
	1				5			8=4+7	
3400 Providing strategic steering to the SESAR programme	936	0	0	936	0	0	0	936	
<b>Total Chapter 34</b>	<b>936</b>	<b>0</b>	<b>0</b>	<b>936</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>936</b>	
3500 Deliver exploratory research	16 866	0	0	16 866	0	56	56	16 922	
<b>Total Chapter 35</b>	<b>16 866</b>	<b>0</b>	<b>0</b>	<b>16 866</b>	<b>0</b>	<b>56</b>	<b>56</b>	<b>16 922</b>	
3600 Deliver industrial research and validation	16 667	0	0	16 667	0	712	712	17 379	
<b>Total Chapter 36</b>	<b>16 667</b>	<b>0</b>	<b>0</b>	<b>16 667</b>	<b>0</b>	<b>712</b>	<b>712</b>	<b>17 379</b>	
3700 Deliver very large-scale demonstration activities	15 296	0	0	15 296	0	150	150	15 446	
<b>Total Chapter 37</b>	<b>15 296</b>	<b>0</b>	<b>0</b>	<b>15 296</b>	<b>0</b>	<b>150</b>	<b>150</b>	<b>15 446</b>	
3800 Deliver SESAR outreach	1 284	0	0	1 284	0	0	0	1 284	
<b>Total Chapter 38</b>	<b>1 284</b>	<b>0</b>	<b>0</b>	<b>1 284</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1 284</b>	
<b>Total Title 3</b>	<b>51 048</b>	<b>0</b>	<b>0</b>	<b>51 048</b>	<b>0</b>	<b>918</b>	<b>918</b>	<b>51 966</b>	

EUR '000

Item	Initial budget adopted	Budget appropriations			Additional appropriations			Total	Total approp. available
		Amending budgets	Transfers	Final adopted budget	Reactivated appropriations	Assigned revenue	Total		
	1	2	3	4=1+2+3	5	6	7=5+6	8=4+7	
4000 Experts call evaluations ER1	0	700	0	700	0	0	0	700	
<b>Total Chapter 40</b>	<b>0</b>	<b>700</b>	<b>0</b>	<b>700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700</b>	
4140 Scientific Advisory Board / Scientific Committee	0	120	0	120	0	0	0	120	
<b>Total Chapter 41</b>	<b>0</b>	<b>120</b>	<b>0</b>	<b>120</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120</b>	
4200 IR 1 projects	0	81 678	0	81 678	0	0	0	81 678	
<b>Total Chapter 42</b>	<b>0</b>	<b>81 678</b>	<b>0</b>	<b>81 678</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>81 678</b>	
4400 Airspace users	0	400	0	400	0	0	0	400	
4401 Professional staff organisations (PSO)	0	300	0	300	0	0	0	300	

Annual accounts of the SESAR 3 Joint Undertaking 2022

EUR '000

Item	Initial budget adopted	Budget appropriations			Additional appropriations			Total approp. available
		Amending budgets	Transfers	Final adopted budget	Reactivated appropriations	Assigned revenue	Total	
	1				5			8=4+7
4402 Airports expertise	0	250	0	250	0	0	0	250
4403 Young scientist award	0	10	0	10	0	0	0	10
Total Chapter 44	0	960	0	960	0	0	0	960
<b>Total Title 4</b>	<b>0</b>	<b>83 458</b>	<b>0</b>	<b>83 458</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83 458</b>

EUR '000

Item	Initial budget adopted	Budget appropriations			Additional appropriations			Total approp. available
		Amending budgets	Transfers	Final adopted budget	Reactivated appropriations	Assigned revenue	Total	
	1	2	3	4=1+2+3	5	6	7=5+6	8=4+7
5000 Running costs	0	1 500	0	1 500	0	1 750	1 750	3 250
Total Chapter 50	0	1 500	0	1 500	0	1 750	1 750	3 250
<b>Total Title 5</b>	<b>0</b>	<b>1 500</b>	<b>0</b>	<b>1 500</b>	<b>0</b>	<b>1 750</b>	<b>1 750</b>	<b>3 250</b>

<b>GRAND TOTAL</b>	<b>58 520</b>	<b>83 837</b>	<b>0</b>	<b>142 357</b>	<b>2 765</b>	<b>2 678</b>	<b>5 443</b>	<b>147 800</b>
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## 5.3. IMPLEMENTATION OF COMMITMENT APPROPRIATIONS

### 5.3.1. Implementation of commitment appropriations - Title 1

EUR '000

Item	Total approp. available	Commitments made					Appropriations carried over to 2022			Appropriations lapsing			
		from final adopt. budget	from re-activations	from assign. revenue	Total	%	Assign. revenue	By decision	Total	from final adopt. budget	from re-activations	from assign. revenue	Total
	1	2	3	4	5=2+3+4	6=5/1	7	8	9=7+8	10	11	12	13=10+11+12
1110 Temporary agents	4 806	3 106	1 457	0	4 563	95 %	0	0	0	0	237	6	243
<b>Total Chapter 11</b>	<b>4 806</b>	<b>3 106</b>	<b>1 457</b>	<b>0</b>	<b>4 563</b>	<b>95 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>237</b>	<b>6</b>	<b>243</b>
1210 Contract agents	95	0	83	0	83	88 %	0	0	0	0	12	0	12
1220 Interim staff	302	0	272	0	272	90 %	0	0	0	0	31	0	31
<b>Total Chapter 12</b>	<b>397</b>	<b>0</b>	<b>355</b>	<b>0</b>	<b>355</b>	<b>89 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42</b>	<b>0</b>	<b>42</b>
1410 Seconded national experts (SNE)	126	0	119	0	119	94 %	0	0	0	0	7	0	7
<b>Total Chapter 14</b>	<b>126</b>	<b>0</b>	<b>119</b>	<b>0</b>	<b>119</b>	<b>94 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>7</b>
1510 Mission costs	200	0	163	0	163	81 %	0	0	0	0	37	0	37
<b>Total Chapter 15</b>	<b>200</b>	<b>0</b>	<b>163</b>	<b>0</b>	<b>163</b>	<b>81 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37</b>	<b>0</b>	<b>37</b>
1610 Internal and external training and seminars	40	0	15	0	15	38 %	0	0	0	0	25	0	25
1620 Social and recreational activities	46	0	19	0	19	41 %	0	0	0	0	27	0	27
1630 Recruitment expenditure	5	0	1	0	1	20 %	0	0	0	0	4	0	4
1640 HR support fees	90	0	78	0	78	86 %	0	0	0	0	12	0	12
<b>Total Chapter 16</b>	<b>181</b>	<b>0</b>	<b>113</b>	<b>0</b>	<b>113</b>	<b>62 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>68</b>	<b>0</b>	<b>68</b>
<b>Total Title 1</b>	<b>5 711</b>	<b>3 106</b>	<b>2 207</b>	<b>0</b>	<b>5 313</b>	<b>93 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>392</b>	<b>6</b>	<b>398</b>

## 5.3.2. Implementation of commitment appropriations - Title 2

EUR '000

Item	Total approp. available	Commitments made				Appropriations carried over to 2022			Appropriations lapsing				
		from final adopt. budget	from re-activations	from assign. revenue	Total	%	Assign. revenue	By decision	Total	from final adopt. budget	from re-activations	from assign. revenue	Total
	1	2	3	4	5=2+3+4	6=5/1	7	8	9=7+8	10	11	12	13=10+11+12
2110 Office and parking rental	439	0	439	0	439	100 %	0	0	0	0	0	0	0
2120 Office and parking charges	130	0	130	0	130	100 %	0	0	0	0	0	0	0
2130 Real estate tax	58	0	58	0	58	100 %	0	0	0	0	0	0	0
2140 Regional tax	32	0	32	0	32	100 %	0	0	0	0	0	0	0
2160 Cleaning and reception	169	0	169	0	169	100 %	0	0	0	0	0	0	0
2170 Security maintenance contract	48	0	48	0	48	100 %	0	0	0	0	0	0	0
2180 Works and repairs	3	0	3	0	3	100 %	0	0	0	0	0	0	0
<b>Total Chapter 21</b>	<b>879</b>	<b>0</b>	<b>879</b>	<b>0</b>	<b>879</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
2310 Realisation of public relations activities and material	545	0	545	0	545	100 %	0	0	0	0	0	0	0
<b>Total Chapter 23</b>	<b>545</b>	<b>0</b>	<b>545</b>	<b>0</b>	<b>545</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
2510 Costs related to Governance bodies	10	0	10	0	10	100 %	0	0	0	0	0	0	0
<b>Total Chapter 25</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
2610 Administrative supplies and postage	20	0	20	0	20	100 %	0	0	0	0	0	0	0
2620 Photocopier and printer consumables	1	0	1	0	1	100 %	0	0	0	0	0	0	0
2630 Subscription to publications, newspapers, memberships	10	0	10	0	10	100 %	0	0	0	0	0	0	0
2640 Insurances	17	0	13	4	17	100 %	0	0	0	0	0	0	0
2650 Office hospitality	9	0	9	0	9	100 %	0	0	0	0	0	0	0
2660 Packaging and transport	0	0	0	0	0	100 %	0	0	0	0	0	0	0
2670 Bank charges	5	0	5	0	5	100 %	0	0	0	0	0	0	0
<b>Total Chapter 26</b>	<b>62</b>	<b>0</b>	<b>59</b>	<b>4</b>	<b>62</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
2710 IT system maintenance and	1 267	1 052	214	0	1 267	100 %	0	0	0	0	0	0	0

Item	Total approp. available	Commitments made				Appropriations carried over to 2022				Appropriations lapsing			
		from final adopt. budget	from re-activations	from assign. revenue	Total	%	Assign. revenue	By decision	Total	from final adopt. budget	from re-activations	from assign. revenue	Total
	1	2	3	4	5=2+3+4	6=5/1	7	8	9=7+8	10	11	12	13=10+11+12
unified communication													
2720 Software	118	0	118	0	118	100 %	0	0	0	0	0	0	0
2730 Hardware	125	0	125	0	125	100 %	0	0	0	0	0	0	0
2740 Website	125	0	125	0	125	100 %	0	0	0	0	0	0	0
2750 ICT support	200	0	200	0	200	100 %	0	0	0	0	0	0	0
<b>Total Chapter 27</b>	<b>1 834</b>	<b>1 052</b>	<b>782</b>	<b>0</b>	<b>1 834</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
2810 Translation of official documents	26	0	26	0	26	100 %	0	0	0	0	0	0	0
2820 Legal support	21	0	21	0	21	100 %	0	0	0	0	0	0	0
2830 Tax audit and accounting support	99	0	99	0	99	100 %	0	0	0	0	0	0	0
<b>Total Chapter 28</b>	<b>146</b>	<b>0</b>	<b>146</b>	<b>0</b>	<b>146</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Title 2</b>	<b>3 476</b>	<b>1 052</b>	<b>2 421</b>	<b>4</b>	<b>3 476</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



## 5.3.3. Implementation of commitment appropriations - Title 3 and 4

EUR '000

Item	Total approp. available	Commitments made				Appropriations carried over to 2022			Appropriations lapsing				
		from final adopt. budget	from re-activations	from assign. revenue	Total	%	Assign. revenue	By decision	Total	from final adopt. budget	from re-activations	from assign. revenue	Total
	1	2	3	4	5=2+3+4	6=5/1	7	8	9=7+8	10	11	12	13=10+11+12
3400 Providing strategic steering to the SESAR programme	736	0	589	0	589	80 %	0	0	0	0	147	0	147
<b>Total Chapter 34</b>	<b>736</b>	<b>0</b>	<b>589</b>	<b>0</b>	<b>589</b>	<b>80 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>147</b>	<b>0</b>	<b>147</b>
3500 Deliver exploratory research	56	0	0	56	56	100 %	0	0	0	0	0	0	0
<b>Total Chapter 35</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>56</b>	<b>56</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
3600 Deliver industrial research and validation	712	0	0	712	712	100 %	0	0	0	0	0	0	0
<b>Total Chapter 36</b>	<b>712</b>	<b>0</b>	<b>0</b>	<b>712</b>	<b>712</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
3700 Deliver very large-scale demonstration activities	4 982	0	0	4 982	4 982	100 %	0	0	0	0	0	0	0
<b>Total Chapter 37</b>	<b>4 982</b>	<b>0</b>	<b>0</b>	<b>4 982</b>	<b>4 982</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Title 3</b>	<b>6 486</b>	<b>0</b>	<b>589</b>	<b>5 750</b>	<b>6 339</b>	<b>98 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>147</b>	<b>0</b>	<b>147</b>

Annual accounts of the SESAR 3 Joint Undertaking 2022

Item	Total approp. available	from final adopt. budget	Commitments made				Appropriations carried over to 2023			Appropriations lapsing			Total
			from re-activations	from assign. revenue	Total	%	Assign. revenue	By decision	Total	from final adopt. budget	from re-activations	from assign. revenue	
	1	2	3	4	5=2+3+4	6=5/1	7	8	9=7+8	10	11	12	13=10+11+12
4000 Experts call evaluations ER1	700	700	0	0	700	100 %	0	0	0	0	0	0	0
4060 Strategic studies and strategy advice	2 570	2 570	0	0	2 570	100 %	0	0	0	0	0	0	0
<b>Total Chapter 40</b>	<b>3 270</b>	<b>3 270</b>	<b>0</b>	<b>0</b>	<b>3 270</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
4100 ER 1 projects	23 725	23 725	0	0	23 725	100 %	0	0	0	0	0	0	0
4140 Scientific Advisory Board / Scientific Committee	120	120	0	0	120	100 %	0	0	0	0	0	0	0
<b>Total Chapter 41</b>	<b>23 845</b>	<b>23 845</b>	<b>0</b>	<b>0</b>	<b>23 845</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
4200 IR 1 projects	100 337	100 337	0	0	100 337	100 %	0	0	0	0	0	0	0
<b>Total Chapter 42</b>	<b>100 337</b>	<b>100 337</b>	<b>0</b>	<b>0</b>	<b>100 337</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
4400 Airspace users	400	400	0	0	400	100 %	0	0	0	0	0	0	0
4401 Professional staff organisations (PSO)	300	300	0	0	300	100 %	0	0	0	0	0	0	0
4402 Airports expertise	250	250	0	0	250	100 %	0	0	0	0	0	0	0
4403 Young scientist award	10	10	0	0	10	100 %	0	0	0	0	0	0	0
<b>Total Chapter 44</b>	<b>960</b>	<b>960</b>	<b>0</b>	<b>0</b>	<b>960</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Title 4</b>	<b>128 412</b>	<b>128 412</b>	<b>0</b>	<b>0</b>	<b>128 412</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

EUR '000

Item	Total approp. available	from final adopt. budget	Commitments made				Appropriations carried over to 2023			Appropriations lapsing			Total
			from re-activations	from assign. revenue	Total	%	Assign. revenue	By decision	Total	from final adopt. budget	from re-activations	from assign. revenue	
	1	2	3	4	5=2+3+4	6=5/1	7	8	9=7+8	10	11	12	13=10+11+12
5000 Running costs	17 497	0	0	0	0	0 %	0	0	0	1 500	14 247	1 750	17 497
5001 Operational costs	2 964	0	0	0	0	0 %	0	0	0	0	2 964	0	2 964
Total Chapter 50	20 461	0	0	0	0	0 %	0	0	0	1 500	17 211	1 750	20 461
<b>Total Title 5</b>	<b>20 461</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1 500</b>	<b>17 211</b>	<b>1 750</b>	<b>20 461</b>
<b>GRAND TOTAL</b>	<b>164 547</b>	<b>132 571</b>	<b>5 216</b>	<b>5 754</b>	<b>143 540</b>	<b>87 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1 500</b>	<b>17 750</b>	<b>1 756</b>	<b>21 006</b>

## 5.4. IMPLEMENTATION OF PAYMENT APPROPRIATIONS

### 5.4.1. Implementation of payment appropriations - Title 1

EUR '000

Item	Total approp. availab.	Payments made						Appropriations carried over to 2022				Appropriations lapsing			
		from final adopt. budget	from re-activations	from assign. revenue	Total	%	Autom. carry-overs	By decision	Assigned rev.	Total	from final adopt. budget	from re-activations	from assign. rev.	Total	
	1	2	3	4	5=2+3+4	6=5/1	7	8	9	10=7+8+9	11	12	13	14=11+12+13	
1110 Temporary agents	4 588	3 860	507	2	4 370	95 %	0	0	0	0	0	214	4	219	
<b>Total Chapter 11</b>	<b>4 588</b>	<b>3 860</b>	<b>507</b>	<b>2</b>	<b>4 370</b>	<b>95 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>214</b>	<b>4</b>	<b>219</b>	
1210 Contract agents	83	83	1	0	83	100 %	0	0	0	0	0	0	0	0	
1220 Interim staff	220	207	11	0	218	99 %	0	0	0	0	2	0	0	2	
<b>Total Chapter 12</b>	<b>303</b>	<b>289</b>	<b>12</b>	<b>0</b>	<b>301</b>	<b>99 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	
1410 Seconded national experts (SNE)	126	117	2	0	119	94 %	0	0	0	0	0	7	0	7	
<b>Total Chapter 14</b>	<b>126</b>	<b>117</b>	<b>2</b>	<b>0</b>	<b>119</b>	<b>94 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>7</b>	
1510 Mission costs	200	109	0	0	109	55 %	0	0	0	0	91	0	0	91	
<b>Total Chapter 15</b>	<b>200</b>	<b>109</b>	<b>0</b>	<b>0</b>	<b>109</b>	<b>55 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>91</b>	<b>0</b>	<b>0</b>	<b>91</b>	
1610 Internal and external training and seminars	40	15	0	0	15	38 %	0	0	0	0	25	0	0	25	
1620 Social and recreational activities	50	39	0	0	39	77 %	0	0	0	0	11	0	0	11	
1630 Recruitment expenditure	5	0	0	0	0	8 %	0	0	0	0	5	0	0	5	
1640 HR support fees	90	76	0	0	76	85 %	0	0	0	0	14	0	0	14	
<b>Total Chapter 16</b>	<b>185</b>	<b>130</b>	<b>0</b>	<b>0</b>	<b>130</b>	<b>70 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>55</b>	<b>0</b>	<b>0</b>	<b>55</b>	
<b>Total Title 1</b>	<b>5 403</b>	<b>4 506</b>	<b>522</b>	<b>2</b>	<b>5 030</b>	<b>93 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>148</b>	<b>222</b>	<b>4</b>	<b>374</b>	

## 5.4.2. Implementation of payment appropriations - Title 2

EUR '000

Item	Total approp. availab.	Payments made						Appropriations carried over to 2022				Appropriations lapsing			
		from final adopt. budget	from re-activations	from assign. revenue	Total	%	Autom. carry-overs	By decision	Assigned rev.	Total	from final adopt. budget	from re-activations	from assign. rev.	Total	
	1	2	3	4	5=2+3+4	6=5/1	7	8	9	10=7+8+9	11	12	13	14=11+12+13	
2110 Office and parking rental	441	439	0	0	439	99 %	0	0	0	0	0	3	0	3	
2120 Office and parking charges	105	101	0	0	101	97 %	0	0	0	0	4	0	0	4	
2130 Real estate tax	114	56	58	0	114	99 %	0	0	0	0	0	1	0	1	
2140 Regional tax	50	18	31	0	49	100 %	0	0	0	0	0	0	0	0	
2160 Cleaning and reception	172	18	152	0	170	98 %	0	0	0	0	0	3	0	3	
2170 Security maintenance contract	45	0	28	0	28	62 %	0	0	0	0	0	17	0	17	
2180 Works and repairs	3	0	2	0	2	62 %	0	0	0	0	0	1	0	1	
<b>Total Chapter 21</b>	<b>931</b>	<b>632</b>	<b>271</b>	<b>0</b>	<b>903</b>	<b>97 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>24</b>	<b>0</b>	<b>28</b>	
2210 Furniture	1	0	0	0	0	0 %	0	0	0	0	0	1	0	1	
<b>Total Chapter 22</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	
2310 Realisation of public relations activities and material	503	0	503	0	503	100 %	0	0	0	0	0	0	0	0	
<b>Total Chapter 23</b>	<b>503</b>	<b>0</b>	<b>503</b>	<b>0</b>	<b>503</b>	<b>100 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
2510 Costs related to Governance bodies	10	0	6	0	6	56 %	0	0	0	0	0	5	0	5	
<b>Total Chapter 25</b>	<b>10</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>6</b>	<b>56 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>	
2610 Administrative supplies and postage	35	0	35	0	35	99 %	0	0	0	0	0	0	0	0	
2620 Photocopier and printer consumables	1	0	1	0	1	53 %	0	0	0	0	0	1	0	1	
2630 Subscription to publications, newspapers, memberships	16	0	16	0	16	100 %	0	0	0	0	0	0	0	0	

Item	Total approp. availab.	Payments made						Appropriations carried over to 2022				Appropriations lapsing			
		from final adopt. budget	from re-activations	from assign. revenue	Total	%	Autom. carry-overs	By decision	Assigned rev.	Total	from final adopt. budget	from re-activations	from assign. rev.	Total	
		1	2	3	4	5=2+3+4	6=5/1	7	8	9	10=7+8+9	11	12	13	14=11+12+13
2640	Insurances	17	0	13	4	17	99 %	0	0	0	0	0	0	0	0
2650	Office hospitality	17	0	15	0	15	92 %	0	0	0	0	0	1	0	1
2660	Packaging and transport	0	0	0	0	0	0 %	0	0	0	0	0	0	0	0
2670	Bank charges	5	0	5	0	5	97 %	0	0	0	0	0	0	0	0
<b>Total Chapter 26</b>		<b>91</b>	<b>0</b>	<b>85</b>	<b>4</b>	<b>88</b>	<b>97 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>
2710	IT system maintenance and unified communication	1 295	666	253	0	918	71 %	0	0	0	0	376	0	0	376
2720	Software	75	0	45	0	45	61 %	0	0	0	0	0	29	0	29
2730	Hardware	101	0	41	0	41	40 %	0	0	0	0	0	60	0	60
2740	Website	125	0	104	0	104	83 %	0	0	0	0	0	21	0	21
2750	ICT support	220	0	206	0	206	94 %	0	0	0	0	0	14	0	14
2751	ICT advice, benchmarking and consulting services	150	0	0	0	0	0 %	0	0	0	0	0	150	0	150
<b>Total Chapter 27</b>		<b>1 965</b>	<b>666</b>	<b>649</b>	<b>0</b>	<b>1 315</b>	<b>67 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>376</b>	<b>274</b>	<b>0</b>	<b>650</b>
2810	Translation of official documents	29	0	29	0	29	100 %	0	0	0	0	0	0	0	0
2820	Legal support	21	0	10	0	10	45 %	0	0	0	0	0	12	0	12
2830	Tax audit and accounting support	171	19	137	0	156	92 %	0	0	0	0	0	15	0	15
<b>Total Chapter 28</b>		<b>221</b>	<b>19</b>	<b>176</b>	<b>0</b>	<b>195</b>	<b>88 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>26</b>
<b>Total Title 2</b>		<b>3 722</b>	<b>1 317</b>	<b>1 689</b>	<b>4</b>	<b>3 009</b>	<b>81 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>380</b>	<b>333</b>	<b>0</b>	<b>713</b>

## 5.4.3. Implementation of payment appropriations - Title 3 and 4

EUR '000

Item	Total approp. availab.	Payments made					Appropriations carried over to 2022				Appropriations lapsing			
		from final adopt. budget	from re-activations	from assign. revenue	Total	%	Autom. carry-overs	By decision	Assigned rev.	Total	from final adopt. budget	from re-activations	from assign. rev.	Total
	1	2	3	4	5=2+3+4	6=5/1	7	8	9	10=7+8+9	11	12	13	14=11+12+13
3400 Providing strategic steering to the SESAR programme	936	630	0	0	630	67 %	0	0	0	0	306	0	0	306
<b>Total Chapter 34</b>	<b>936</b>	<b>630</b>	<b>0</b>	<b>0</b>	<b>630</b>	<b>67 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>306</b>	<b>0</b>	<b>0</b>	<b>306</b>
3500 Deliver exploratory research	16 922	9 775	0	56	9 831	58 %	0	0	0	0	7 091	0	0	7 091
<b>Total Chapter 35</b>	<b>16 922</b>	<b>9 775</b>	<b>0</b>	<b>56</b>	<b>9 831</b>	<b>58 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7 091</b>	<b>0</b>	<b>0</b>	<b>7 091</b>
3600 Deliver industrial research and validation	17 379	10 864	0	695	11 559	67 %	0	0	0	0	5 802	0	17	5 820
<b>Total Chapter 36</b>	<b>17 379</b>	<b>10 864</b>	<b>0</b>	<b>695</b>	<b>11 559</b>	<b>67 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5 802</b>	<b>0</b>	<b>17</b>	<b>5 820</b>
3700 Deliver very large-scale demonstration activities	15 446	5 809	0	137	5 946	38 %	0	0	0	0	9 487	0	13	9 500
<b>Total Chapter 37</b>	<b>15 446</b>	<b>5 809</b>	<b>0</b>	<b>137</b>	<b>5 946</b>	<b>38 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9 487</b>	<b>0</b>	<b>13</b>	<b>9 500</b>
3800 Deliver SESAR outreach	1 284	275	0	0	275	21 %	0	0	0	0	1 008	0	0	1 008
<b>Total Chapter 38</b>	<b>1 284</b>	<b>275</b>	<b>0</b>	<b>0</b>	<b>275</b>	<b>21 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1 008</b>	<b>0</b>	<b>0</b>	<b>1 008</b>
<b>Total Title 3</b>	<b>51 966</b>	<b>27 354</b>	<b>0</b>	<b>888</b>	<b>28 242</b>	<b>54 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23 694</b>	<b>0</b>	<b>30</b>	<b>23 725</b>

Payments made

Appropriations carried over to 2023

Appropriations lapsing

Annual accounts of the SESAR 3 Joint Undertaking 2022

Item	Total approp. availab.	from final adopt. budget	from re-activations	from assign. revenue	Total	%	Autom. carry-overs	By decision	Assigned rev.	Total	from final adopt. budget	from re-activations	from assign. rev.	Total
	1	2	3	4	5=2+3+4	6=5/1	7	8	9	10=7+8+9	11	12	13	14=11+12+13
4000 Experts call evaluations ER1	700	0	0	0	0	0 %	0	0	0	0	700	0	0	700
<b>Total Chapter 40</b>	<b>700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700</b>	<b>0</b>	<b>0</b>	<b>700</b>
4140 Scientific Advisory Board / Scientific Committee	120	0	0	0	0	0 %	0	0	0	0	120	0	0	120
<b>Total Chapter 41</b>	<b>120</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120</b>	<b>0</b>	<b>0</b>	<b>120</b>
4200 IR 1 projects	81 678	0	0	0	0	0 %	0	0	0	0	81 678	0	0	81 678
<b>Total Chapter 42</b>	<b>81 678</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>81 678</b>	<b>0</b>	<b>0</b>	<b>81 678</b>
4400 Airspace users	400	0	0	0	0	0 %	0	0	0	0	400	0	0	400
4401 Professional staff organisations (PSO)	300	0	0	0	0	0 %	0	0	0	0	300	0	0	300
4402 Airports expertise	250	0	0	0	0	0 %	0	0	0	0	250	0	0	250
4403 Young scientist award	10	0	0	0	0	0 %	0	0	0	0	10	0	0	10
<b>Total Chapter 44</b>	<b>960</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>960</b>	<b>0</b>	<b>0</b>	<b>960</b>
<b>Total Title 4</b>	<b>83 458</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83 458</b>	<b>0</b>	<b>0</b>	<b>83 458</b>

EUR '000

Item	Total approp. availab.	Payments made				Appropriations carried over to 2023				Appropriations lapsing			
		from final adopt. budget	from re-activations	from assign. revenue	Total	%	Autom. carry-overs	By decision	Assigned rev.	Total	from final adopt. budget	from re-activations	from assign. rev.



Annual accounts of the SESAR 3 Joint Undertaking 2022

	1	2	3	4	5=2+3+4	6=5/1	7	8	9	10=7+8+9	11	12	13	14=11+12+13
5000 Running costs	3 250	0	0	0	0	0 %	0	0	0	0	1 500	0	1 750	3 250
Total Chapter 50	3 250	0	0	0	0	0 %	0	0	0	0	1 500	0	1 750	3 250
<b>Total Title 5</b>	<b>3 250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1 500</b>	<b>0</b>	<b>1 750</b>	<b>3 250</b>
<b>GRAND TOTAL</b>	<b>147 800</b>	<b>33 177</b>	<b>2 210</b>	<b>893</b>	<b>36 281</b>	<b>25 %</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>109 180</b>	<b>555</b>	<b>1 785</b>	<b>111 519</b>

## 6. OUTSTANDING COMMITMENTS

### 6.1. Outstanding commitments – Title 1

EUR '000

Item	Commitments outstanding at the end of previous year				Commitments of the current year				Total commitm. outstanding at year-end
	Commitm. carried for- ward from pre- vious year	Decommit. Revaluation Cancel- lations	Pay- ments	Total	Commit- ments made during the year	Pay- ments	Cancel- lation of commit. which cannot be carried forward	Commit. outstand- ing at year-end	
	1	2	3	4=1+2-3	5	6	7	8=5-6-7	
1110 Temporary agents	0	0	0	0	4 563	4 370	0	194	194
<b>Total Chapter 11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4 563</b>	<b>4 370</b>	<b>0</b>	<b>194</b>	<b>194</b>
1210 Contract agents	0	0	0	0	83	83	0	0	0
1220 Interim staff	110	(79)	31	0	272	187	0	85	85
<b>Total Chapter 12</b>	<b>110</b>	<b>(79)</b>	<b>31</b>	<b>0</b>	<b>355</b>	<b>270</b>	<b>0</b>	<b>85</b>	<b>85</b>
1410 Seconded national experts (SNE)	0	0	0	0	119	119	0	0	0
<b>Total Chapter 14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>119</b>	<b>119</b>	<b>0</b>	<b>0</b>	<b>0</b>
1510 Mission costs	8	(4)	4	0	163	105	0	58	58
<b>Total Chapter 15</b>	<b>8</b>	<b>(4)</b>	<b>4</b>	<b>0</b>	<b>163</b>	<b>105</b>	<b>0</b>	<b>58</b>	<b>58</b>
1610 Internal and external training and seminars	0	0	0	0	15	15	0	0	0
1620 Social and recreational activities	20	0	20	0	19	19	0	0	0
1630 Recruitment expenditure	0	0	0	0	1	0	0	1	1
1640 HR support fees	10	(9)	1	0	78	76	0	2	2
<b>Total Chapter 16</b>	<b>30</b>	<b>(9)</b>	<b>21</b>	<b>0</b>	<b>113</b>	<b>110</b>	<b>0</b>	<b>3</b>	<b>3</b>
<b>Total Title 1</b>	<b>148</b>	<b>(92)</b>	<b>56</b>	<b>0</b>	<b>5 313</b>	<b>4 974</b>	<b>0</b>	<b>339</b>	<b>339</b>

## 6.2. Outstanding commitments – Title 2

EUR '000

Item	Commitments outstanding at the end of previous year				Commitments of the current year				Total commitm. outstanding at year-end	
	Commitm. carried for- ward from pre- vious year	Decommit. Revaluation Cancel- lations	Pay- ments	Total	Commit- ments made during the year	Pay- ments	Cancel- lation of commit. which cannot be carried forward	Commit. outstand- ing at year-end		
	1	2	3	4=1+2-3	5	6	7	8=5-6-7		9=4+8
2110	Office and parking rental	0	0	0	0	439	439	0	0	0
2120	Office and parking charges	24	0	24	0	130	77	0	53	53
2130	Real estate tax	56	(0)	56	0	58	58	0	1	1
2140	Regional tax	21	(3)	18	0	32	31	0	1	1
2160	Cleaning and reception	27	(5)	22	0	169	148	0	22	22
2170	Security maintenance contract	7	0	7	0	48	21	0	27	27
2180	Works and repairs	0	0	0	0	3	2	0	1	1
<b>Total Chapter 21</b>		<b>136</b>	<b>(8)</b>	<b>128</b>	<b>0</b>	<b>879</b>	<b>775</b>	<b>0</b>	<b>104</b>	<b>104</b>
2310	Realisation of public relations activities and material	361	(8)	352	0	545	150	0	395	395
<b>Total Chapter 23</b>		<b>361</b>	<b>(8)</b>	<b>352</b>	<b>0</b>	<b>545</b>	<b>150</b>	<b>0</b>	<b>395</b>	<b>395</b>
2510	Costs related to Governance bodies	0	0	0	0	10	6	0	5	5
<b>Total Chapter 25</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>6</b>	<b>0</b>	<b>5</b>	<b>5</b>
2610	Administrative supplies and postage	16	0	16	0	20	19	0	1	1
2620	Photocopier and printer consumables	0	0	0	0	1	1	0	1	1
2630	Subscription to publications, newspapers, memberships	9	(3)	7	0	10	9	0	0	0
2640	Insurances	1	(1)	0	0	17	17	0	0	0
2650	Office hospitality	7	0	7	0	9	8	0	1	1
2660	Packaging and transport	0	0	0	0	0	0	0	0	0
2670	Bank charges	5	0	5	0	5	0	0	5	5
<b>Total Chapter 26</b>		<b>38</b>	<b>(3)</b>	<b>34</b>	<b>0</b>	<b>62</b>	<b>54</b>	<b>0</b>	<b>8</b>	<b>9</b>
2710	IT system maintenance and unified communication	365	(33)	190	142	1 267	728	0	538	680

Item	Commitments outstanding at the end of previous year				Commitments of the current year				Total commitm. outstanding at year-end
	Commitm. carried for- ward from pre- vious year	Decommit. Revaluation Cancel- lations	Pay- ments	Total	Commit- ments made during the year	Pay- ments	Cancel- lation of commit. which cannot be carried forward	Commit. outstand- ing at year-end	
	1	2	3	4=1+2-3	5	6	7	8=5-6-7	9=4+8
2720 Software	10	0	10	0	118	35	0	83	83
2730 Hardware	20	0	20	0	125	21	0	104	104
2740 Website	33	0	33	0	125	71	0	54	54
2750 ICT support	16	0	14	2	200	192	0	8	10
<b>Total Chapter 27</b>	<b>445</b>	<b>(33)</b>	<b>268</b>	<b>144</b>	<b>1 834</b>	<b>1 047</b>	<b>0</b>	<b>787</b>	<b>931</b>
2810 Translation of official documents	3	0	3	0	26	26	0	0	0
2820 Legal support	0	0	0	0	21	10	0	12	12
2830 Tax audit and accounting support	58	0	58	0	99	99	0	0	0
<b>Total Chapter 28</b>	<b>61</b>	<b>0</b>	<b>61</b>	<b>0</b>	<b>146</b>	<b>134</b>	<b>0</b>	<b>12</b>	<b>12</b>
<b>Total Title 2</b>	<b>1 040</b>	<b>(53)</b>	<b>843</b>	<b>144</b>	<b>3 476</b>	<b>2 166</b>	<b>0</b>	<b>1 310</b>	<b>1 455</b>

### 6.3. Outstanding commitments – Title 3

EUR '000

Item	Commitments outstanding at the end of previous year				Commitments of the current year				Total commitm. outstanding at year-end	
	Commitm. carried for- ward from pre- vious year	Decommit. Revaluation Cancel- lations	Pay- ments	Total	Commit- ments made during the year	Pay- ments	Cancel- lation of commit. which cannot be carried forward	Commit. outstand- ing at year-end		
	1	2	3	4=1+2-3	5	6	7	8=5-6-7		9=4+8
3400	Providing strategic steering to the SESAR programme	2 746	0	457	2 289	589	173	0	415	2 704
Total Chapter 34		2 746	0	457	2 289	589	173	0	415	2 704
3500	Deliver exploratory research	33 118	0	9 831	23 288	56	0	0	56	23 344
Total Chapter 35		33 118	0	9 831	23 288	56	0	0	56	23 344
3600	Deliver industrial research and validation	35 881	0	11 559	24 322	712	0	0	712	25 035
Total Chapter 36		35 881	0	11 559	24 322	712	0	0	712	25 035
3700	Deliver very large-scale demonstration activities	19 749	0	5 946	13 803	150	0	0	150	13 953
Total Chapter 37		19 749	0	5 946	13 803	150	0	0	150	13 953
3800	Deliver SESAR outreach	975	0	275	700	0	0	0	0	700
Total Chapter 38		975	0	275	700	0	0	0	0	700
<b>Total Title 3</b>		<b>92 470</b>	<b>0</b>	<b>28 068</b>	<b>64 401</b>	<b>1 507</b>	<b>173</b>	<b>0</b>	<b>1 334</b>	<b>65 735</b>

EUR '000

Commitments outstanding at the end of previous year

Commitments of the current year

Total  
commitm.

Annual accounts of the SESAR 3 Joint Undertaking 2022

Item		Commitm. carried for- ward from pre- vious year	Decommit. Revaluation Cancel- lations	Pay- ments	Total	Commit- ments made during the year	Pay- ments	Cancel- lation of commit. which cannot be carried forward	Commit. outstand- ing at year-end	outstanding at year-end
		1	2	3	4=1+2-3	5	6	7	8=5-6-7	9=4+8
4000	Experts call evaluations ER1	0	0	0	0	700	0	0	700	700
4060	Strategic studies and strategy advice	0	0	0	0	2 570	0	0	2 570	2 570
<b>Total Chapter 40</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3 270</b>	<b>0</b>	<b>0</b>	<b>3 270</b>	<b>3 270</b>
4100	ER 1 projects	0	0	0	0	23 725	0	0	23 725	23 725
4140	Scientific Advisory Board / Scientific Committee	0	0	0	0	120	0	0	120	120
<b>Total Chapter 41</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23 845</b>	<b>0</b>	<b>0</b>	<b>23 845</b>	<b>23 845</b>
4200	IR 1 projects	0	0	0	0	100 337	0	0	100 337	100 337
<b>Total Chapter 42</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100 337</b>	<b>0</b>	<b>0</b>	<b>100 337</b>	<b>100 337</b>
4400	Airspace users	0	0	0	0	400	0	0	400	400
4401	Professional staff organisations (PSO)	0	0	0	0	300	0	0	300	300
4402	Airports expertise	0	0	0	0	250	0	0	250	250
4403	Young scientist award	0	0	0	0	10	0	0	10	10
<b>Total Chapter 44</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>960</b>	<b>0</b>	<b>0</b>	<b>960</b>	<b>960</b>
<b>Total Title 4</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>128 412</b>	<b>0</b>	<b>0</b>	<b>128 412</b>	<b>128 412</b>
<b>GRAND TOTAL</b>		<b>93 658</b>	<b>(145)</b>	<b>28 968</b>	<b>64 546</b>	<b>138 708</b>	<b>7 313</b>	<b>0</b>	<b>131 395</b>	<b>195 941</b>

## 7. GLOSSARY

### **Administrative appropriations**

Appropriations to cover the running costs of the entities (staff, buildings, office equipment).

### **Adopted budget**

Draft budget becomes the adopted budget as soon as approved by the budgetary authority.

### **Amending budget**

Decision adopted during the budget year to amend (increase, decrease, transfer) aspects of the adopted budget of that year.

### **Appropriations**

Budget funding.

The budget forecasts both commitments (legal pledges to provide finance) and payments (cash or bank transfers to the beneficiaries). Appropriations for commitments and payments often differ — differentiated appropriations — because multiannual programmes and projects are usually fully committed in the year they are decided and are paid over the years as the implementation of the programme and project progresses.

### **Assigned revenue**

Revenue dedicated to finance specific items of expenditure.

### **Budget result**

The difference between income received and amounts paid, including adjustments for carry-overs, cancellations and exchange rate differences.

For agencies, the resulting amount will have to be reimbursed to the funding authority.

### **Budget implementation**

Consumption of the budget through expenditure and revenue operations.

### **Budget item / Budget line / Budget position**

Revenue and expenditure are shown in the budget structure in accordance with a binding nomenclature, which reflects the nature and purpose of each item, as imposed by the budgetary authority. The individual headings (title, chapter, article or item) provide a formal description of the nomenclature.

### **Budgetary commitment**

Operation by which the authorising officer responsible reserves the budget appropriations necessary to cover for subsequent payments to honour legal commitments.

### **Cancellation of appropriations**

Appropriations which have not been used by the end of the financial year and which cannot be carried over, shall be cancelled.

### **Carryover of appropriations**

Exception to the principle of annuality in so far as appropriations that could not be used in a given budget year may, under strict conditions, be exceptionally carried over for use during the following year.

## **Commitment appropriations**

Commitment appropriations cover the total value of legal obligations (contracts, grant agreements or decisions) that could be signed in the current financial year.

## **De-commitment**

Operation whereby the authorising officer responsible cancels wholly or partly the reservation of appropriations previously made by means of a budgetary commitment.

## **Differentiated appropriations**

Differentiated appropriations are used to finance multiannual operations; they cover, for the current financial year, the total cost of the legal obligations entered into for operations whose implementation extends over more than one financial year.

## **Economic result**

Impact on the balance sheet of expenditure and revenue based on accrual accounting rules.

## **Entitlements established**

Right to collect income from a debtor as recognised through the issuing of a recovery order.

## **Exchange rate difference**

The difference resulting from currency exchange rates applied to the transactions concerning countries outside the euro area, or from the revaluation of assets and liabilities in foreign currencies at the date of the accounts.

## **Expenditure**

Term used to describe spending the budget from all types of funds sources.

## **Grants**

Direct financial contributions from the budget to third-party beneficiaries, engaged in activities that serve Union policies.

## **Lapsing appropriations**

Unused appropriations to be cancelled at the end of the financial year. Lapsing means the cancellation of all or part of the authorisation to make expenditures and/or incur liabilities, as represented by an appropriation.

For joint undertakings (and EIT), as specified in their Financial Rules, any unused appropriations may be entered in the estimate of revenue and expenditure of up to the following three financial years (the so-called "N+3" rule). Hence, lapsing appropriations for JUs can be re-activated until financial year "N+3".

## **Legal basis / basic act**

The legal act adopted by the legislative authority (usually the Council and European Parliament) specifying the objective of a Union spending programme, the purpose of the appropriations, the rules for intervention, expiry date and the relevant financial rules to serve as a legal basis for the implementation of the spending programme.

## **Legal commitment**

The act whereby the Authorising Officer enters into an obligation towards third parties which results in a charge for the Union budget.

Common forms of legal commitments are contracts in the case of procurement, grant agreements and grant decisions.



### **Non-differentiated appropriations**

Appropriations which meet annual needs and must therefore be committed during the budget year. Only amounts qualifying for automatic carryover can be disbursed in the following year. Non-differentiated appropriations which have not been used, i.e. committed, by the end of the year, are cancelled (unless, exceptionally, permission is given by a Commission decision for a non-automatic carryover). Non-differentiated appropriations apply to administrative expenditure and commitment appropriations equal payment appropriations.

### **Operational appropriations**

Operational appropriations finance the different policies, mainly in the form of grants or procurement.

### **Outstanding commitments**

Outstanding commitments (or RAL, from the French 'reste à liquider') are defined as the amount of appropriations committed that have not yet been paid. They stem directly from the existence of multiannual programmes and the dissociation between commitment and payment appropriations.

### **Payment appropriations**

Payment appropriations cover expenditure due in the current year, arising from legal commitments entered in the current year and/or earlier years.

### **RAL (Reste à liquider)**

Amount remaining to be paid on a budgetary commitment at a given moment. Cf. Outstanding commitments

### **Surplus**

Positive difference between revenue and expenditure, which has to be returned to the funding authority. Cf. Budget result

### **Transfer between budget lines**

Transfers between budget lines imply the relocation of appropriations from one budget line to another, in the course of the financial year, and thereby they constitute an exception to the budgetary principle of specification.