



Annual accounts of the SESAR

Joint Undertaking

Financial year 2016

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CERTIFICATION OF THE ACCOUNTS

The final annual accounts of the SESAR Joint Undertaking for the year 2016 have been prepared in accordance with the Financial Rules of the JU and the accounting rules adopted by the Commission's Accounting Officer, as are to be applied by all the institutions, agencies and joint undertakings.

I acknowledge my responsibility for the preparation and presentation of the annual accounts of the Joint Undertaking in accordance with Article 43 of the Financial Rules of the JU.

I have obtained from the Authorising Officer, who guaranteed its reliability, all the information necessary for the production of the accounts that show the JU's assets and liabilities and the budgetary implementation.

I hereby certify that 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 a true and fair view of the financial position of the JU in all material aspects.

Rosa ALDEA BUSQUETS

Accounting Officer

June 2017

BACKGROUND INFORMATION ON THE SJU

SESAR Joint Undertaking (SJU) 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. In particular, the SJU is responsible for the implementation of the European ATM Master Plan and for carrying out specific activities aiming at developing the new generation of air traffic management system capable of ensuring the safety and fluidity of air transport worldwide over the next thirty years. A substantial part of the benefit of the SESAR Programme lays in the involvement of most of the European ATM stakeholders for the development of the operational and technical solutions which best meet the objectives set out in the European ATM Master Plan. SESAR is funded by the members contributing either in cash or in-kind to the administrative and operational costs of the joint undertaking.

The SJU was established by Council Regulation (EC) No 219/2007¹, and last amended by the Council Regulation (EC) 721/2014² (hereinafter the 'Regulation'). The Regulation extended the mandate of SJU up to 31 December 2024 to continue research and innovation on air traffic management and in particular the coordinated approach in the context of the Single European Sky to achieve the performance targets there defined. This decision was taken in recognition of the need to foster Research and Innovation on Air Traffic Management beyond the organisation's original mandate until 2016, as well as in appreciation of the SESAR partnership's ability to respond to evolving business needs and fast track technological and operational improvements in Europe's ATM system.

Following the Article 49 of the SJU Financial Rules³, the Administrative Board of SJU appoints the Accounting Officer who is, among other tasks, responsible for preparation of the annual accounts of the joint undertaking. Following Article 93 of the SJU Financial Rules the annual accounts shall be prepared in accordance with the accounting rules adopted by the Commission's Accounting Officer (EU Accounting Rules, EAR) that are based on the International Public Sector Accounting Standards (IPSAS). By the decision ADB(D)18-2016 of the SJU Administrative Board, the Accounting Officer of the Commission shall also act as the Accounting Officer of SJU as of 01 November 2017.

¹ Council Regulation (EC) No 219/2007 of 27 February 2007 on the establishment of a Joint Undertaking to develop the new generation European air traffic management system (SESAR).

² Council Regulation (EC) No 721/2014 of 16 June 2014 amending Regulation (EC) No 219/2007 on the establishment of a Joint Undertaking to develop the new generation European air traffic management system (SESAR) as regards the extension of the Joint Undertaking until 2024.

³ Adopted by the decision SJU-AB-033-15-DOC-01 of the SJU Administrative Board.

FINANCIAL STATEMENTS 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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BALANCE SHEET

EUR '000

	Note	31.12.2016	31.12.2015
NON-CURRENT ASSETS			
<i>Intangible assets</i>	2.1	36	131
<i>Property, plant and equipment</i>	2.2	63	208
<i>Pre-financing</i>	2.3	40 840	–
		40 939	338
CURRENT ASSETS			
<i>Pre-financing</i>	2.3	35 971	61 884
<i>Exchange receivables and non-exchange recoverables</i>	2.4	54 250	423
<i>Cash and cash equivalents</i>	2.5	17	10 129
		90 237	72 436
TOTAL ASSETS		131 176	72 774
CURRENT LIABILITIES			
<i>Payables and other liabilities</i>	2.6	(224 339)	(314 503)
<i>Accrued charges and deferred income</i>	2.7	(18 375)	(11 583)
		(242 714)	(326 085)
TOTAL LIABILITIES		(242 714)	(326 085)
NET ASSETS		(111 538)	(253 311)
<i>Contribution from Members</i>	2.8	1 563 940	1 264 744
<i>Accumulated deficit</i>		(1 518 085)	(1 233 329)
<i>Economic result of the year</i>		(157 393)	(284 756)
NET ASSETS		(111 538)	(253 311)

STATEMENT OF FINANCIAL PERFORMANCE

EUR '000

	Note	2016	2015
REVENUE			
Revenue from non-exchange transactions			
<i>Recovery of expenses</i>	3.1	299	1
		299	1
Revenue from exchange transactions			
<i>Financial income</i>	3.2	1	24
<i>Other exchange revenue</i>		56	8
		57	32
Total revenue		356	33
EXPENSES			
<i>Operating costs</i>	3.3	(148 559)	(277 093)
<i>Staff costs</i>	3.4	(4 576)	(4 105)
<i>Finance costs</i>		(5)	(4)
<i>Other expenses</i>	3.5	(4 609)	(3 587)
Total expenses		(157 749)	(284 789)
ECONOMIC RESULT OF THE YEAR		(157 393)	(284 756)

CASHFLOW STATEMENT

EUR '000

	Note	2016	2015
<i>Economic result of the year</i>		(157 393)	(284 756)
Operating activities			
<i>Depreciation and amortization</i>		250	282
<i>(Increase)/decrease in pre-financing</i>		(14 927)	20 424
<i>(Increase)/decrease in exchange receivables and non-exchange recoverables</i>		(53 827)	20 460
<i>Increase/(decrease) in payables</i>		(90 163)	(4 668)
<i>Increase/(decrease) in accrued charges and deferred income</i>		6 792	(17 691)
<i>Increase/(decrease) in cash contributions</i>		145 172	101 688
<i>Increase/(decrease) in in-kind contributions</i>		153 994	153 302
Investing activities			
<i>(Increase)/decrease in intangible assets and property, plant and equipment</i>		(10)	(68)
NET CASHFLOW		(10 112)	(11 028)
<i>Net increase/(decrease) in cash and cash equivalents</i>		(10 112)	(11 028)
<i>Cash and cash equivalents at the beginning of the year</i>	2.5	10 129	21 157
<i>Cash and cash equivalents at year-end</i>	2.5	17	10 129

STATEMENT OF CHANGES IN NET ASSETS

EUR '000

	Contribution from Members	Accumulated Surplus/ (Deficit)	Economic result of the year	Net Assets
BALANCE AS AT 31.12.2014	1 009 784	(969 151)	(264 178)	(223 545)
<i>Allocation 2014 economic result</i>	–	(264 178)	264 178	–
<i>Cash contribution</i>	101 688	–	–	101 688
<i>Contribution in-kind</i>	153 302	–	–	153 302
<i>Economic result of the year</i>	–	–	(284 756)	(284 756)
BALANCE AS AT 31.12.2015	1 264 774	(1 233 329)	(284 756)	(253 311)
<i>Allocation 2015 economic result</i>	–	(284 756)	284 756	–
<i>Cash contribution</i>	145 172	–	–	145 172
<i>Contribution in-kind</i>	153 994	–	–	153 994
<i>Other</i>	–	–	–	–
<i>Economic result of the year</i>	–	–	(157 393)	(157 393)
BALANCE AS AT 31.12.2016	1 563 940	(1 518 085)	(157 393)	(111 538)

NOTES TO THE FINANCIAL STATEMENTS

1. SIGNIFICANT ACCOUNTING POLICIES

1.1. ACCOUNTING PRINCIPLES

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

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, reliability, understandability and comparability.

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 and reporting 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	31.12.2016	31.12.2015	Currency	31.12.2016	31.12.2015
BGN	1.9558	1.9558	PLN	4.4103	4.2639
CZK	27.0210	27.0230	RON	4.5390	4.5240
DKK	7.4344	7.4626	SEK	9.5525	9.1895
GBP	0.8562	0.7340	CHF	1.0739	1.0835
HRK	7.5597	7.6380	JPY	123.4000	131.0700
HUF	309.8300	315.9800	USD	1.0541	1.0887

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; accrued and deferred income and charges, provisions, financial risk on accounts receivables, contingent assets and liabilities, and degree of impairment of assets. Actual results could differ from those estimates.

Reasonable estimates are 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.

1.3. BALANCE SHEET

1.3.1. Intangible assets

Acquired computer software licences are stated at historical cost less accumulated amortisation and impairment losses. The assets are amortised on a straight-line basis over their estimated useful lives. The estimated useful lives of intangible assets depend on their specific economic lifetime or legal lifetime determined by an agreement. Internally developed intangible assets are capitalised when the relevant criteria of the EU accounting rules are met. The costs capitalisable include all directly attributable costs necessary to create, produce, and prepare the asset to be capable of operating in the manner intended by management. Costs associated with research activities, non-capitalisable development costs and maintenance costs are recognised as expenses as incurred.

1.3.2. Property, plant and equipment

All property, plant and equipment are stated at historical cost less accumulated depreciation and impairment losses. Historical cost includes expenditure that is directly attributable to the acquisition or construction 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 and works of art are not depreciated as they are 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

Leases of tangible assets, where the entity has substantially all the risks and rewards of ownership, are classified as finance leases. Finance leases are capitalised at the inception of the lease at the lower of the fair value of the leased asset and the present value of the minimum lease payments. The interest element of the finance lease payment is charged to statement of financial performance over the period of the lease at a constant periodic rate in relation to the balance outstanding. The rental obligations, net of finance charges, are included in financial liabilities (non-current and current). The interest element of the finance cost is charged to the statement of financial performance over the lease period so as to produce a constant periodic interest rate on the remaining balance of the liability for each period. The assets held under finance leases are depreciated over the shorter of the assets' useful life and the lease term.

Leases where the lessor retains a significant portion of the risks and rewards inherent to ownership are classified as operating leases. Payments made under operating leases are charged to the statement of financial performance on a straight-line basis over the period of the lease.

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 reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. An impairment loss is recognised for the amount by which the asset's carrying amount exceeds its recoverable amount. The recoverable 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. An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount. If the reasons for impairments recognised in previous years no longer apply, the impairment losses are reversed accordingly.

1.3.4. Financial assets

The financial assets are classified in the following categories: financial assets at fair value through profit or loss; loans and receivables; held-to-maturity investments; and available for sale financial assets. The classification of the financial instruments is determined at initial recognition and re-evaluated at each balance sheet date.

(1) Financial assets at fair value through profit or loss

A financial asset is classified in this category if acquired principally for the purpose of selling in the short term or if so designated by the entity. Derivatives are also categorised in this category. Assets in this category are classified as current assets if they are expected to be realised within 12 months of the balance sheet date. During this financial year, the entity did not hold any investments in this category.

(2) Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. They arise when the entity provides money, goods or services directly to a debtor with no intention of trading the receivable. They are included in non-current assets, except for maturities within 12 months of the balance sheet date. Loans and receivables include term deposits with the original maturity above three months.

(3) Held-to-maturity investments

Held-to-maturity investments are non-derivative financial assets with fixed or determinable payments and fixed maturities that the entity has the positive intention and ability to hold to maturity. During this financial year, the entity did not hold any investments in this category.

(4) Available for sale financial assets

Available for sale financial assets are non-derivatives that are either designated in this category or not classified in any of the other categories. They are classified as either current or non-current assets, depending on the period of time the entity expects to hold them, which is usually the maturity date.

Initial recognition and measurement

Purchases and sales of financial assets at fair value through profit and loss, held-to-maturity and available for sale (except cash and cash equivalents) are recognised on trade date - the date on which the entity commits to purchase or sell the asset. Loans and term deposits are recognised at settlement date. Financial instruments are initially recognised at fair value. For all financial assets not carried at fair value through profit and loss transaction costs are added to the fair value at initial recognition.

Financial instruments are derecognised when the rights to receive cashflows from the investments have expired or the entity has transferred substantially all risks and rewards of ownership to another party.

Subsequent measurement

Financial assets at fair value through profit and loss are subsequently carried at fair value with gains and losses arising changes in the fair value being included in the statement of financial performance in the period in which they arise.

Loans and receivables and held-to maturity investments are carried at amortised cost using the effective interest method.

Available for sale financial assets are subsequently carried at fair value. Gains and losses arising from changes in the fair value being recognised in the fair value reserve. Interest on available for sale

financial assets calculated using the effective interest method is recognised in the statement of financial performance.

The entity assesses at each balance sheet date whether there is objective evidence that a financial asset is impaired and whether an impairment loss should be recorded in the statement of financial performance.

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. The amount of the pre-financing may be reduced (wholly or partially) by the acceptance of eligible costs (which are recognised as expenses).

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

1.3.6. Receivables and recoverables

As the EU accounting rules require a separate presentation of exchange and non-exchange transactions, for the purpose of drawing up the accounts, receivables are defined as stemming from non-exchange transactions and recoverables are defined as stemming from exchange transactions (when the entity receives value from another entity without directly giving approximately equal value in exchange).

Receivables from exchange transactions meet the definition of financial instruments and are thus classified as loans and receivables and measured accordingly (see 1.3.4 above).

Recoverables from non-exchange transactions are carried at original amount (adjusted for interests and penalties) 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 are financial instruments 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. 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).

1.3.9. Payables

Included under accounts payable are both amounts related to exchange transactions such as the purchase of goods and services and non-exchange transactions related e.g. to cost claims from beneficiaries, grants or other EU funding.

Where grants or other funding is provided to the beneficiaries, the cost claims are recorded as payables for the requested amount 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 and corresponding expenses are entered in the accounts when the supplies or services are delivered and accepted by the entity.

1.3.10. Accrued and deferred income 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, the supplies have been delivered by the entity or a contractual agreement exists (e.g. by reference to a contract), an accrued income 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 which 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.

1.4. 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 it 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. 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 (pre-financing received).

(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 incurrence of liabilities that result in decreases in net assets/equity. 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 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 account for the majority of the entity's operating expenses. They 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.

1.5. CONTINGENT ASSETS AND LIABILITIES

1.5.1. 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.

1.5.2. Contingent liabilities

A contingent liability is a possible obligation 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; or a present obligation that arises from past events but is not recognised because: it is not probable that an outflow of resources embodying economic benefits or service potential will be required to settle the obligation or, in the rare circumstances where the amount of the obligation cannot be measured with sufficient reliability.

1.6. 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 (no shares are issued) of the JU but rather in the sense of political interest and governance of the JU by exercising the voting rights linked to these contributions.

1.6.1. Financial contributions

Financial contributions are contributions of Members made in cash in order to provide funding of the operational or administrative needs of the JU. The financial contributions are recognised in the net assets in the period in which the right to receive the payment was established.

1.6.2. 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 the net assets of the JU in the period when the conditions for Members' contributions stipulated by the Regulation were met.

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 outside the work plan of the JU that contribute to the objectives of the JU. Because the outflow of resources related to those activities is outside of control of the JU, the contributions are not recognised in the financial statements of the JU.

2. NOTES TO THE BALANCE SHEET

ASSETS

2.1. INTANGIBLE ASSETS

EUR '000

<i>Gross carrying amount at 31.12.2015</i>	2 171
Gross carrying amount at 31.12.2016	2 171
<i>Accumulated amortisation at 31.12.2015</i>	(2 040)
<i>Amortisation charge of the year</i>	(94)
Accumulated amortisation at 31.12.2016	(2 134)
NET CARRYING AMOUNT at 31.12.2016	36
<i>NET CARRYING AMOUNT at 31.12.2015</i>	131

The heading comprises software with depreciation rate 25 % and includes also software and developments made under the contract with Eurocontrol.

2.2. PROPERTY, PLANT AND EQUIPMENT

EUR '000

	Buildings	Furniture and vehicles	Computer hardware	Other	Total
<i>Gross carrying amount at 31.12.2015</i>	592	170	12	60	834
<i>Additions</i>	8	2	–	–	10
<i>Disposals</i>	–	–	(2)	(2)	(4)
Gross carrying amount at 31.12.2016	600	172	10	59	841
<i>Accumulated depreciation at 31.12.2015</i>	(472)	(98)	(9)	(48)	(627)
<i>Depreciation charge of the year</i>	(128)	(19)	(1)	(7)	(155)
<i>Disposals</i>	–	–	2	2	4
Accumulated depreciation at 31.12.2016	(600)	(117)	(9)	(53)	(778)
NET CARRYING AMOUNT at 31.12.2016	–	56	2	5	63
<i>NET CARRYING AMOUNT at 31.12.2015</i>	119	73	3	12	208

Included under the heading 'Buildings' are materials and works related to the partitioning and set up of the SJU office space.

Included under the heading 'Other' is technical equipment that was presented in 2015 annual accounts under the heading 'Computer Hardware & Technical Equipment'.

2.3. PRE-FINANCING

EUR '000

	31.12.2016	31.12.2015
<i>Non-current pre-financing</i>	40 840	–
<i>Current pre-financing</i>	35 971	61 884
Total	76 810	61 884

The outstanding pre-financing was reduced by kEUR 26 602 of estimated (cut-off) expenses for on-going or ended projects without validated cost claims on 31.12.2016. The remaining portion of the cut-off expenses is recorded in 'contributions to be paid to Members' (see note 2.6) and in accrued charges (see note 2.7).

For all pre-financing amounts open at 31.12.2016 a case-by-case assessment has been performed and all the pre-financing that was considered unlikely to be cleared in the course of 2016 was classified as non-current pre-financing.

The significant increase of the non-current pre-financing, is due to the fact that 2016 was the first year when pre-financing was given to SESAR 2020 projects. In 2015 all the pre-financing related to SESAR1 projects was presented under current pre-financing, because the SESAR1 projects were foreseen to finish their activities by 31/12/2016 at the latest.

2.4. EXCHANGE RECEIVABLES & NON-EXCHANGE RECOVERABLES

At 31. 12. 2016 SJU did not have any balances related to non-current receivables and recoverables. All the amounts are current and can be split as follows:

		EUR '000	
	Note	31.12.2016	31.12.2015
Current			
<i>Recoverables from non-exchange transactions</i>		3	4
<i>Receivables from exchange transactions</i>	2.4.1	54 247	419
Total		54 250	423

2.4.1. Receivables from exchange transactions

	EUR '000	
	31.12.2016	31.12.2015
<i>Customers</i>	40	–
<i>Deferred charges relating to exchange transactions</i>	9	354
<i>Central treasury liaison accounts</i>	54 146	–
<i>Others</i>	53	65
Total	54 247	419

The significant increase in current receivables from exchange transactions is the effect of the use of the central treasury of the Commission since 01.11.2016. A corresponding decrease is noted in cash and cash equivalents. See note 2.5 for further details.

2.5. CASH AND CASH EQUIVALENTS

	EUR '000	
	31.12.2016	31.12.2015
<i>Current accounts</i>	17	10 129
Total	17	10 129

Following the appointment of the Accounting Officer of the Commission as the Accounting Officer of SJU, the treasury of SJU was integrated into the Commission's treasury system. 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 (see note 2.4).

The amounts remaining under this heading relate to bank charges for the closure of the old SJU bank accounts that will be deducted in 2017 (kEUR 6) and a fixed amount of bank guarantees and safe charges (kEUR 11).

LIABILITIES

2.6. PAYABLES AND OTHER LIABILITIES

	EUR '000	
	31.12.2016	31.12.2015
<i>Contribution in-kind from Members to be validated</i>	118 382	240 039
<i>Contribution to be paid to Members</i>	49 782	63 754
<i>Current payables</i>	55 675	10 705
<i>Sundry payables</i>	501	4
Total	224 339	314 503

Included under the sub-heading 'contribution in-kind to be validated' are the in-kind contributions from Members related to on-going or ended projects without a validated cost statement at 31.12.2016. The sub-heading 'contributions to be paid to Members' comprises the estimated EU contribution to those projects. The amounts of contributions were estimated on a case-by-case basis using the best available information on the projects at 31.12.2016. The increase of the amounts compared to 2015 is due to new projects that started under the SESAR2020 program in 2016.

The main components of current payables are liabilities to suppliers (kEUR 50 166) and to Member States (kEUR 4 703). The increase in current payables relates to the closure of SESAR1 program. In line with the rules applicable to SESAR1 those amounts will be paid when the final financial statements are received from the Members.

2.7. ACCRUED CHARGES AND DEFERRED INCOME

The SJU does not have any deferred income. All the amounts included under this heading related to accrued charges and are as follows:

	EUR '000	
	31.12.2016	31.12.2015
<i>Accrued charges</i>	18 375	11 583

Accrued charges are the amounts estimated by the Authorising Officer of costs incurred for services and goods delivered in year 2016 but not yet invoiced or processed by the end of the year. Included under this heading are estimated amounts related to demonstration activities (kEUR 10 457), exploratory research (kEUR 4 802), amounts related to staff (kEUR 377) and other administrative expense (kEUR 2 084). The portion of the estimated accrued charges which relates to pre-financing paid has been recorded as a reduction of the pre-financing amounts (see note **2.3**). It should be noted that the estimated contributions of Members are recorded under other liabilities (see note **2.6**).

NET ASSETS

2.8. CONTRIBUTIONS FROM MEMBERS

The total contribution from Members amounted to kEUR 1 563 940 (2015: kEUR 1 264 774) at 31.12.2016. The details of the cash contributions and in-kind contributions by the type the funding programme and by Member are as follows:

2.8.1. SESAR1: Research and Innovation funding programme (FP7) and Framework Programme on Trans-European networks (TEN-T) for 2007-2013

	EU		Eurocontrol		Industry Members		Total	
	Cash	In kind	Cash	In kind	Cash	In kind	Cash	In kind
A. Running Costs	23 990	–	20 407	–	25 478	–	69 875	–
<i>Previous years</i>	<i>17 050</i>	–	<i>19 617</i>	–	<i>25 478</i>	–	62 145	–
<i>Current year</i>	<i>6 940</i>	–	<i>790</i>	–	–	–	7 730	–
B. Operational costs (R&D Projects)	573 146	–	104 861	302 441	–	456 828	678 007	759 288
<i>Previous years</i>	<i>505 086</i>	–	<i>92 249</i>	<i>236 521</i>	–	<i>368 773</i>	597 335	605 294
<i>Current year</i>	<i>68 060</i>	–	<i>12 613</i>	<i>65 920</i>	–	<i>88 513</i>	80 673	154 433
<i>Adjustments</i>	–	–	–	–	–	(439)	–	(439)
BALANCE AS AT 31.12.2016	597 136	–	125 268	302 441	25 478	456 847	747 883	759 288
<i>BALANCE AS AT 31.12.2015</i>	<i>522 136</i>	–	<i>111 865</i>	<i>236 521</i>	<i>25 478</i>	<i>368 773</i>	659 480	605 294
<i>Contribution in cash/kind in %</i>	<i>79.84 %</i>	<i>0.00 %</i>	<i>16.75 %</i>	<i>39.83 %</i>	<i>3.41 %</i>	<i>60.17 %</i>	100 %	100 %
<i>Total contribution in %</i>	<i>39.62 %</i>		<i>28.38 %</i>		<i>32.00 %</i>		100 %	
<i>Voting rights %</i>	<i>32.33 %</i>		<i>30.86 %</i>		<i>26.91 %</i>		90 %*	

* The rules of distribution of voting rights are defined in Article 4 of the Regulation. Based on this article the representative of civil users of airspace, designated by their representative organisation at European level has at least 10 % of the voting rights in the Administrative Board of SJU. This organisation is not a member of SJU and does not provide any financial or in-kind contributions to the joint undertaking.

2.8.2. SESAR2020: Research and Innovation funding programme for 2014-2020 (Horizon 2020)

At 31.12.2016 the contributions to SESAR2020 amounted to kEUR 56 769. The entire amount was contributed by the European Union to the operational activities of the joint undertaking. The distribution of voting rights remains the same as under SESAR1.

3. NOTES TO THE STATEMENT OF FINANCIAL PERFORMANCE

NON-EXCHANGE REVENUE

3.1. RECOVERY OF EXPENSES

EUR '000

	2016	2015
<i>Recovery of expenses</i>	299	1

This heading is composed of the operating expenses recovered from beneficiaries during the year.

3.2. EXCHANGE REVENUE

EUR '000

	2016	2015
<i>Interest revenue</i>	1	24
<i>Property, plant and equipment related revenue</i>	–	6
<i>Administrative revenue</i>	55	1
<i>Foreign exchange gains</i>	1	2
Total	57	32

EXPENSES

3.3. OPERATING COSTS

Included under this heading are operating expenses incurred in relation to all programme activities that were performed in 2016 (estimated works achieved) and expenses related to contracts for industrial support, legal, financial & management support, experts, launch of specific technical activities and the Programme Support Office (PSO) of Eurocontrol.

The part of the operating costs related to on-going or ended projects without any validated cost claims (or equivalent) available at 31 December, was estimated using the best information available at the time of the preparation of the annual accounts. The estimation is based on the 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 operating costs of the year. Depending on the availability of information at the time of the preparation of the annual accounts, the estimates are based on reports of services or work performed or costs incurred to date as a proportion of the estimated total costs of the projects ('pro-rata temporis').

The break-down of the operating costs between operating costs incurred on the basis of validated cost claims (or equivalent) and estimated operating costs is given in the table below. It should be noted that in line with the accounting rules the portion of the estimated cost also includes a revision of accounting estimates made in the previous periods.

EUR '000

	Note	2016	2015
<i>Operating costs incurred (validated cost claims)</i>		234 979	125 148
<i>Operating costs estimated</i>	2.6, 2.7	(86 420)	151 945
Total		148 559	277 093

The decrease of the operating costs compared to last year is the combined effect of phasing out of SESAR1 and a start up phase of SESAR2020.

3.4. STAFF COSTS

These expenses include all staff related costs such as salaries, social security, insurances, secondments and other staff costs.

3.5. OTHER EXPENSES

	EUR '000	
	2016	2015
External IT services	1 838	1 129
External non IT services	930	646
Property, plant and equipment related expenses	923	1 025
Communications & publications	420	274
Missions	253	265
Office Supplies & maintenance	173	181
Expert expenses	33	16
Other	21	19
Training Costs	18	32
Total	4 609	3 587

Operating lease expenses related to the SESAR JU offices of kEUR 463 are included under the sub-heading 'property, plant and equipment related expenses'.

Amounts committed to be paid during the remaining term of this lease contract until February, 2025 include rent and related charges and are as follows:

	EUR '000			
	Future amounts to be paid			
	< 1 year	1- 5 years	> 5 years	Total
Buildings	466	2 449	1 569	4 484

4. OTHER SIGNIFICANT DISCLOSURES

4.1. OUTSTANDING COMMITMENTS NOT YET EXPENSED

	EUR '000	
	31.12.2016	31.12.2015
Outstanding commitments not yet expensed	156 693	162 273

The outstanding commitments not yet expensed comprises the budgetary RAL ('Reste à Liquider') less related amounts that have been included as expenses in the 2016 statement of financial performance. The budgetary RAL is an amount representing the open 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.

4.2. RELATED PARTIES

The related parties of the SJU are the participants of the JU and key management personnel of these entities. Transactions between these entities take place as part of the normal operations of SJU and as this is the case, no specific disclosure requirements are necessary for these transactions in accordance with the EU accounting rules.

4.3. KEY MANAGEMENT ENTITLEMENTS

The highest ranked civil servant of SESAR JU is the Executive Director, who executes the role of the Authorising Officer.

	31.12.2016	31.12.2015
<i>Executive Director</i>	<i>AD 14</i>	<i>AD 14</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 obligation of all officials of the EU. The Executive Director has not received any preferential loans from SESAR JU.

5. FINANCIAL INSTRUMENTS DISCLOSURES

5.1. CURRENCY RISKS

Exposure of the SJU to currency risk at year end

At 31.12.2016 the ending balances of financial assets and financial liabilities did not include any material amounts quoted in different currencies than euro.

5.2. CREDIT RISK

Financial assets that are neither past due nor impaired

At 31.12.2016 the financial assets are entirely composed of receivables and recoverables that are neither past due nor impaired.

Financial assets by risk category

At 31.12.2016 the financial assets are composed of receivables and recoverables against entities without external credit rating who never defaulted in the past. They also include immaterial amounts on current accounts in ING Bank Belgium (kEUR 16) and City Bank Belgium (kEUR 1).

5.3. LIQUIDITY RISK

Maturity analysis of financial liabilities by remaining contractual maturity

The financial liabilities entirely compose of accounts payable. All the accounts payable have a remaining contractual maturity of less than 1 year.

REPORTS ON THE IMPLEMENTATION OF THE BUDGET

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, STRUCTURE AND IMPLEMENTATION

1.1. BUDGETARY PRINCIPLES

The budget of the SJU 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 SJU 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 SJU. 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 SJU is responsible for the development phase of the SESAR Programme which, following the extension of the SJU 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 SJU Work Programme, the Administrative Board adopted its first Budget in 2008 introducing the following interpretation with regard to the principle of equilibrium:

'For the SJU 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 SJU shall be in balance with the total budget expenditure of the same period. However, at no point of the existence of the SJU 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 euro and the accounts shall be presented in euro.

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 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 SJU 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

The budget of the SJU consists of a statement of revenue and a statement of expenditure with administrative and operational appropriations for commitments and payments. Following the extension of the SJU until 2024 and in view of the establishment of the next SESAR Programme in parallel to the existing first Programme until the end of 2016, the Administrative Board introduced in 2014 the presentation of the Budget in two separate sections:

Section 1 ('SESAR1'):

Revenues, Commitments, Payments and the Running Cost of the Joint Undertaking related to the first Programme 2007-2016 under FP7/TEN-T funding are presented here. It should be noted that the European Union commitment revenues – EUR 700 million – were received by the SJU and that all funds related to the Programme had been committed towards the Members by the end of 2013. In term of revenues, an amount of EUR 13.4 million was recognised and validated as Cash Contribution from Eurocontrol but due to technical issues this contribution will be part of the 2017 Budget.

Section 2 ('SESAR2020'):

Revenues, Commitments and Payments related to the second SESAR Programme 2014-2024 under HORIZON-2020 funding are presented here. It should be noted that Section 2 of the 2016 Budget was still exclusive of any Running Costs and that no detailed provisions for the Contributions of Members other than the European Union were available. For the same reason, no in-kind contributions in relation to SESAR2020 had been included into Annex I and II of the Budget yet.

1.3. HIGHLIGHTS OF THE BUDGETARY IMPLEMENTATION

Overall in 2016, budget execution of commitment and payment appropriations reached 98.0 % and 65.1 % respectively (for SESAR1: 96.0% and 52.2% and for SESAR2020: 99.2% and 88.3%). The overall implementation rate was influenced mainly by delays or incomplete invoicing by non-Members and, on the other side, the SJU's continuous effort to keep the Running costs at the minimum necessary.

Administrative and Staff expenditure (= 'Running Costs' only under SESAR1 Programme)

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

Administrative expenditures 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 Administrative Board. This post furthermore includes the procurement, rental 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 services to the SJU.

Unlike for operational expenditure below, appropriations for Running Costs (Titles 1 and 2 of the SJU Budget) are non-differentiated appropriations, i.e. initial Commitment and Payment Appropriations must match.

As in previous years, in 2016 the implementation rate for commitments was high (96.0%) and amounts related to IT services, rental of the building and secondments from Members, amongst others, were carried forward to the next year, mainly due to a contractually fixed time-lag in the invoicing process with Members. This explains why the implementation rate for Payments 2016 (75.4%), like in all previous years, is considerably lower, an effect which will be counterbalanced with the payments on the last RAL for SESAR1 in 2017.

Operational expenditure

Regarding **SESAR 1 operational costs**, the execution rate on the commitment appropriations reached 96.1% and on payment appropriations 49.6%. The unused payment appropriations (EUR 154 million) will cover amounts related to costs incurred during 2015 (claimed and recognised in 2016 but payments foreseen with the Final Financial Statements) and 2016 (to be claimed in 2017).

Regarding **SESAR2020 operational costs**, the commitment execution rate reached 99.2 %. The total unused appropriations amounted to EUR 500 are an additional (non-H2020 funds) assigned entitlement for Drone geo-fencing demonstrations activities carried-forward to 2017.

The payment appropriations include EUR 16.5 million for Pre-Financing and interim payments under the first Exploratory Research call launched in 2015 and EUR 40 million for Pre-Financing payments of the First Industrial Research call launched in 2016. The execution rate of payments is 88.3%. The unused payment appropriations (EUR 6.6 million) were carried-forward to 2017.

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

2. RESULT OF THE IMPLEMENTATION OF THE BUDGET

EUR '000

	Title	2016	2015
Revenue		132 813	101 738
of which:			
Contribution from the European Union	1	131 519	
Contribution from Eurocontrol	2	–	
Contribution from other members	3	–	
Other revenue	4	1 294	
Expenditure		(102 973)	(94 367)
of which:			
Staff expenditure	A-1	(5 019)	
Admin expenditure	A-2	(2 712)	
Operational expenditure	B0-3	(95 243)	
Exchange rate differences		(1)	–
Budget result		29 839	7 371

3. RECONCILIATION OF ECONOMIC RESULT WITH BUDGET RESULT

EUR '000

	2016	2015
ECONOMIC RESULT OF THE YEAR	(157 393)	(284 756)
Adjustment for accrual items (items not in the budgetary result but included in the economic result)		
<i>In-kind contributions validated in the year</i>	153 994	153 302
<i>Adjustments for accrual cut-off (net)</i>	(128 492)	(11 767)
<i>Unpaid invoices at year end but booked in expenses</i>	45 449	9 928
<i>Depreciation, amortization and impairment of intangible and tangible assets</i>	246	276
<i>Recovery orders issued in the year and not yet cashed</i>	(39)	6
<i>Correction of recovery orders issued last year</i>		
<i>Pre-financing given in previous year and cleared in the year</i>		
<i>Payments made from carry-over of payment appropriations</i>		
<i>Other individually immaterial</i>	2	(15)
Adjustment for budgetary items (item included in the budgetary result but not in the economic result)		
<i>Members' cash contributions collected in the year</i>	145 172	101 688
<i>Asset acquisitions (less unpaid amounts)</i>	21	(113)
<i>Payments made from non-budget lines</i>	79	18
<i>New pre-financing paid in the year and remaining open as at 31 December</i>	(14 927)	20 424
<i>New pre-financing received in the year and remaining open as at 31 December</i>	-	-
<i>Entitlements established in previous year and cashed in the year</i>	-	-
<i>Entitlements established on balance sheet accounts and cashed in the year</i>	(14 016)	(7)
<i>Payment appropriations carried over to next year</i>	-	(3 028)
<i>Cancellation of unused carried over payment appropriations from previous year</i>	-	-
<i>Adjustment for carry-over of assigned revenue appropriations from previous year</i>	(258)	(25)
<i>JUs: Budget result N-1</i>	-	21 437
<i>Other individually immaterial</i>	1	4
BUDGET RESULT OF THE YEAR	29 839	7 371

4. IMPLEMENTATION OF BUDGET REVENUE

SESAR

4.1. Implementation of budget revenue – Title 1

EUR '000

		Income appropriations		Entitlements established			Revenue				
		Initial budget	Final budget	Current year	Carried	Total	Current year	Carried	Total	%	Outstanding
		1	2	3	4	5=3+4	6	7	8=6+7	9=8/2	10
1100	7th Research & Dev. Framework Programme (FP7)	52 500	52 500	–	66 259	66 259	–	–	–	0%	66 259
Total chapter 11		52 500	52 500	–	66 259	66 259	–	–	–	0%	66 259
11200	Trans-European Network Programme (Ten-T)	22 500	22 500	75 000	1 833	76 833	75 000	–	75 000	333%	1 833
Total chapter 12		22 500	22 500	75 000	1 833	76 833	75 000	–	75 000	333%	1 833
Total Title 1		75 000	75 000	75 000	68 092	143 092	75 000	–	75 000	100%	68 092

4.2. Implementation of budget revenue – Title 2

EUR '000

		Income appropriations		Entitlements established			Revenue				
		Initial budget	Final budget	Current year	Carried	Total	Current year	Carried	Total	%	Outstanding
		1	2	3	4	5=3+4	6	7	8=6+7	9=8/2	10
2100	Contributions Eurocontrol in Cash	35 668	36 418	–	–	–	–	–	–	0%	–
Total chapter 21		35 668	36 418	–	–	–	–	–	–	0%	–
Total Title 2		35 668	36 418	–	–	–	–	–	–	0%	–

4.3. Implementation of budget revenue – Title 3

EUR '000

	Income appropriations		Entitlements established			Revenue				Outstanding
	Initial budget	Final budget	Current year	Carried	Total	Current year	Carried	Total	%	
	1	2	3	4	5=3+4	6	7	8=6+7	9=8/2	10
3100 Contributions Other Members in Cash	2 346	2 346	–	–	–	–	–	–	0%	–
Total chapter 31	2 346	2 346	–	–	–	–	–	–	0%	–
Total Title 3	2 346	2 346	–	–	–	–	–	–	0%	–

4.4. Implementation of budget revenue – Title 4

EUR '000

	Income appropriations		Entitlements established			Revenue				Outstanding
	Initial budget	Final budget	Current year	Carried	Total	Current year	Carried	Total	%	
	1	2	3	4	5=3+4	6	7	8=6+7	9=8/2	10
4100 Revenue From Interests Yielded	200	200	2	–	2	2	–	2	1%	–
Total chapter 41	200	200	2	–	2	2	–	2	1%	–
44400 Exceptional Revenues	3 247	3 247	1 332	–	1 332	1 292	–	1 292	40%	40
Total chapter 44	3 247	3 247	1 332	–	1 332	1 292	–	1 292	40%	40
Total Title 4	3 447	3 447	1 334	–	1 334	1 294	–	1 294	38%	40

4.5. Implementation of budget revenue – Title 5

EUR '000

	Income appropriations		Entitlements established			Revenue				Outstanding
	Initial budget	Final budget	Current year	Carried	Total	Current year	Carried	Total	%	
	1	2	3	4	5=3+4	6	7	8=6+7	9=8/2	10
5100 Budget Outturn previous year	10 399	10 399	–	–	–	–	–	–	0%	–
Total chapter 51	10 399	10 399	–	–	–	–	–	–	0%	–
Total Title 5	10 399	10 399	–	–	–	–	–	–	0%	–
GRAND TOTAL SESAR	126 860	127 610	76 334	68 092	144 426	76 294	–	76 294	60%	68 132

SESAR2020

4.6. Implementation of budget revenue – Title 1

EUR '000

	Income appropriations		Entitlements established			Revenue			%	Outstanding
	Initial budget	Final budget	Current year	Carried	Total	Current year	Carried	Total		
	1	2	3	4	5=3+4	6	7	8=6+7	9=8/2	10
1300 Horizon 2020 Programme	118 140	118 157	72 070	–	72 070	56 519	–	56 519	48%	15 551
Total chapter 13	118 140	118 157	72 070	–	72 070	56 519	–	56 519	48%	15 551
Total Title 1	118 140	118 157	72 070	–	72 070	56 519	–	56 519	48%	15 551
GRAND TOTAL SESAR2020	118 140	118 157	72 070	–	72 070	56 519	–	56 519	48%	15 551
GRAND TOTAL SESAR and SESAR2020	244 999	245 767	148 404	68 092	216 496	132 813	–	132 813	54%	83 683

5. IMPLEMENTATION OF BUDGET EXPENDITURE

5.1. Breakdown & changes in commitment appropriations

SESAR

5.1.1. Breakdown & changes in commitment appropriations – Title A-1

EUR '000

	Initial adopted budget	Budget appropriations of the year Amending budgets	Transfers	Final budget adopted	Carryover	Additional appropriations Assigned revenue	Total	Total approp. available
	1	2	3	4=1+2+3	5	6	7=5+6	8=4+7
A-1110 Temporary Agents	4 437	-	(27)	4 410	-	56	56	4 465
Total chapter A-11	4 437	-	(27)	4 410	-	56	56	4 465
A-1210 Contract Agents	390	-	-	390	-	-	-	390
A-1220 Interim staff	300	-	-	300	-	-	-	300
Total chapter A-12	690	-	-	690	-	-	-	690
A-1310 Secondments from EUROCONTROL (non-PSO)	-	-	-	-	-	-	-	-
A-1320 Secondments from other Members	170	-	-	170	-	-	-	170
Total chapter A-13	170	-	-	170	-	-	-	170
A-1410 Seconded National Experts (END)	200	-	-	200	-	-	-	200
Total chapter A-14	200	-	-	200	-	-	-	200
A-1510 Mission Costs	495	-	-	495	-	-	-	495
A-1520 Other Travel Costs	5	-	-	5	-	-	-	5
Total chapter A-15	500	-	-	500	-	-	-	500
A-1610 Internal and external trainings and seminars	85	-	-	85	-	-	-	85
A-1620 Social and recreational activities	35	-	-	35	-	-	-	35
A-1630 Recruitment expenditure	15	-	-	15	-	-	-	15
A-1640 Service Fees PMO	60	-	27	87	-	-	-	87
Total chapter A-16	195	-	27	222	-	-	-	222
Total title A-1	6 192	-	-	6 192	-	56	56	6 247

5.1.2. Breakdown & changes in commitment appropriations – Title A-2

EUR '000

		Budget appropriations of the year			Additional appropriations			Total	Total approp. available
		Initial adopted budget	Amending budgets	Transfers	Final budget adopted	Carryover	Assigned revenue		
		1	2	3	4=1+2+3	5	6	7=5+6	8=4+7
A-2110	Office and Parking rental	505	-	-	505	-	-	-	505
A-2120	Office and Parking Charges	134	-	-	134	-	-	-	134
A-2130	Real estate tax	57	-	-	57	-	-	-	57
A-2140	Regional Tax	40	-	-	40	-	-	-	40
A-2150	Registration duties	2	-	-	2	-	-	-	2
A-2160	Cleaning & Reception	118	-	-	118	-	-	-	118
A-2170	Security Maintenance Contract	52	-	-	52	-	-	-	52
A-2180	Works and repairs	71	-	-	71	-	-	-	71
Total chapter A-21		979	-	-	979	-	-	-	979
A-2210	Furniture	100	-	-	100	-	-	-	100
A-2220	Books and reports	-	-	-	-	-	-	-	-
Total chapter A-22		100	-	-	100	-	-	-	100
A-2310	Realization of PR activities and material	400	(35)	20	385	-	-	-	385
Total chapter A-23		400	(35)	20	385	-	-	-	385
A-2410	Telephone communications Post	195	-	(54)	141	-	-	-	141
Total chapter A-24		195	-	(54)	141	-	-	-	141
A-2510	Travel costs related with participation to ADB	20	-	-	20	-	-	-	20
A-2520	Other costs related to organisation of Admin. Board	-	-	-	-	-	-	-	-
Total chapter A-25		20	-	-	20	-	-	-	20
A-2610	Administrative Supplies	89	35	(20)	104	-	-	-	104
A-2620	Photocopier rental	2	-	-	2	-	-	-	2
A-2630	Subscriptions to publ. newsp. membership	23	-	-	23	-	-	-	23
A-2640	Insurances	18	-	-	18	-	-	-	18
A-2650	Office hospitality	40	-	-	40	-	-	-	40
A-2660	Packaging and Transport	19	-	-	19	-	-	-	19
A-2670	Bank charges	5	-	-	5	-	-	-	5
A-2680	Contingencies 2	55	-	-	55	-	-	-	55
Total chapter A-26		250	35	(20)	265	-	-	-	265
A-2710	IT system maintenance	912	750	51	1 713	-	-	-	1 713
A-2720	Software	56	-	-	56	-	-	-	56
A-2730	Hardware	144	-	-	144	-	-	-	144
A-2740	Website	159	-	3	162	-	-	-	162
Total chapter A-27		1 271	750	54	2 075	-	-	-	2 075
A-2810	Translation of official documents	32	-	15	47	-	-	-	47
A-2820	Legal support	10	-	-	10	-	-	-	10
A-2830	Audit fiscal and accounting support	40	-	(15)	25	-	-	-	25
A-2840	USA Representation (Delegation Services)	12	-	-	12	-	-	-	12
Total chapter A-28		94	-	-	94	-	-	-	94
Total title A-2		3 309	750	-	4 059	-	-	-	4 059

5.1.3. Breakdown & changes in commitment appropriations – Title B-3

EUR '000

		Budget appropriations of the year				Additional appropriations			
		Initial adopted budget	Amending budgets	Transfers	Final budget adopted	Carryover	Assigned revenue	Total	Total approp. available
		1	2	3	4=1+2+3	5	6	7=5+6	8=4+7
B3-100	Studies / Development conducted by the SJU	26 685	0	–	26 686	703	298	1 001	27 686
Total chapter B3-1		26 685	0	–	26 686	703	298	1 001	27 686
B3-300	Studies / Development conducted by the members	–	–	–	–	–	1 278	1 278	1 278
Total chapter B3-3		–	–	–	–	–	1 278	1 278	1 278
Total title B-3		26 685	0	–	26 686	703	1 576	2 279	28 964
GRAND TOTAL SESAR		36 185	750	–	36 936	703	1 631	2 334	39 270

SESAR2020

5.1.4. Breakdown & changes in commitment appropriations – Title B-3

EUR '000

		Budget appropriations of the year				Additional appropriations			
		Initial adopted budget	Amending budgets	Transfers	Final budget adopted	Carryover	Assigned revenue	Total	Total approp. available
		1	2	3	4=1+2+3	5	6	7=5+6	8=4+7
B3-100	Studies / Development conducted by the SJU	61 638	500	–	62 138	–	–	–	62 138
Total chapter B3-1		61 638	500	–	62 138	–	–	–	62 138
B3-300	Studies / Development conducted by the members	–	–	–	–	–	–	–	–
Total chapter B3-3		–	–	–	–	–	–	–	–
Total title B-3		61 638	500	–	62 138	–	–	–	62 138
GRAND TOTAL SESAR2020		61 638	500	–	62 138	–	–	–	62 138
GRAND TOTAL SESAR and SESAR2020		97 823	1 250	–	99 074	703	1 631	2 334	101 408

5.2. Breakdown & changes in payment appropriations

SESAR

5.2.1. Breakdown & changes in payment appropriations – Title A-1

EUR '000

	Initial adopted budget	Budget appropriations of the year		Final budget adopted	Carryover	Additional appropriations Assigned revenue	Total	Total approp. available
	1	Amending budgets 2	Transfers 3	4=1+2+3	5	6	7=5+6	8=4+7
A-1110 Temporary Agents	4 437	–	(27)	4 410	–	56	56	4 465
Total chapter A-11	4 437	–	(27)	4 410	–	56	56	4 465
A-1210 Contract Agents	390	–	–	390	–	–	–	390
A-1220 Interim staff	300	–	–	300	105	–	105	405
Total chapter A-12	690	–	–	690	105	–	105	795
A-1310 Secondments from EUROCONTROL (non-PSO)	–	–	–	–	97	–	97	97
A-1320 Secondments from other Members	170	–	–	170	165	–	165	335
Total chapter A-13	170	–	–	170	262	–	262	432
A-1410 Seconded National Experts (END)	200	–	–	200	–	–	–	200
Total chapter A-14	200	–	–	200	–	–	–	200
A-1510 Mission Costs	495	–	–	495	263	–	263	758
A-1520 Other Travel Costs	5	–	–	5	5	–	5	10
Total chapter A-15	500	–	–	500	267	–	267	767
A-1610 Internal and external trainings and seminars	85	–	–	85	67	–	67	152
A-1620 Social and recreational activities	35	–	–	35	5	–	5	40
A-1630 Recruitment expenditure	15	–	–	15	10	–	10	25
A-1640 Service Fees PMO	60	–	27	87	36	–	36	123
Total chapter A-16	195	–	27	222	117	–	117	339
Total title A-1	6 192	–	–	6 192	751	56	807	6 998

5.2.2. Breakdown & changes in payment appropriations – Title A-2

EUR '000

		Budget appropriations of the year			Additional appropriations			Total	Total approp. available
		Initial adopted budget	Amending budgets	Transfers	Final budget adopted	Carryover	Assigned revenue		
		1	2	3	4=1+2+3	5	6	7=5+6	8=4+7
A-2110	Office and Parking rental	505	-	-	505	130	-	130	635
A-2120	Office and Parking Charges	134	-	-	134	108	-	108	242
A-2130	Real estate tax	57	-	-	57	55	-	55	112
A-2140	Regional Tax	40	-	-	40	25	-	25	65
A-2150	Registration duties	2	-	-	2	2	-	2	4
A-2160	Cleaning & Reception	118	-	-	118	48	-	48	167
A-2170	Security Maintenance Contract	52	-	-	52	61	-	61	113
A-2180	Works and repairs	71	-	-	71	67	-	67	138
Total chapter A-21		979	-	-	979	496	-	496	1 475
A-2210	Furniture	100	-	-	100	142	-	142	242
A-2220	Books and reports	-	-	-	-	15	-	15	15
Total chapter A-22		100	-	-	100	156	-	156	256
A-2310	Realization of PR activities and material	400	(35)	20	385	245	-	245	630
Total chapter A-23		400	(35)	20	385	245	-	245	630
A-2410	Telephone communications Post	195	-	(54)	141	118	-	118	259
Total chapter A-24		195	-	(54)	141	118	-	118	259
A-2510	Travel costs related with participation to ADB	20	-	-	20	-	-	-	20
A-2520	Other costs related to organisation of Admin. Boar	-	-	-	-	9	-	9	9
Total chapter A-25		20	-	-	20	9	-	9	29
A-2610	Administrative Supplies	89	35	(20)	104	86	-	86	190
A-2620	Photocopier rental	2	-	-	2	2	-	2	4
A-2630	Subscriptions to publ. newsp. membership	23	-	-	23	6	-	6	29
A-2640	Insurances	18	-	-	18	11	-	11	29
A-2650	Office hospitality	40	-	-	40	31	-	31	71
A-2660	Packaging and Transport	19	-	-	19	14	-	14	33
A-2670	Bank charges	5	-	-	5	2	-	2	7
A-2680	Contingencies 2	55	-	-	55	107	-	107	161
Total chapter A-26		250	35	(20)	265	259	-	259	524
A-2710	IT system maintenance	912	750	51	1 713	999	-	999	2 712
A-2720	Software	56	-	-	56	138	-	138	194
A-2730	Hardware	144	-	-	144	102	-	102	246
A-2740	Website	159	-	3	162	66	-	66	228
Total chapter A-27		1 271	750	54	2 075	1 304	-	1 304	3 379
A-2810	Translation of official documents	32	-	15	47	3	-	3	51
A-2820	Legal support	10	-	-	10	10	-	10	20
A-2830	Audit fiscal and accounting support	40	-	(15)	25	-	-	-	25
A-2840	USA Representation (Delegation Services)	12	-	-	12	13	-	13	25
Total chapter A-28		94	-	-	94	26	-	26	120
Total title A-2		3 309	750	-	4 059	2 614	-	2 614	6 673

5.2.3. Breakdown & changes in payment appropriations – Title B-3

EUR '000

	Initial adopted budget	Budget appropriations of the year		Final budget adopted	Carryover	Additional appropriations Assigned revenue	Total	Total approp. available
	1	Amending budgets 2	Transfers 3	4=1+2+3		6	7=5+6	8=4+7
B3-100 Studies / Development conducted by the SJU	38 026	–	–	38 026	703	298	1 001	39 027
Total chapter B3-1	38 026	–	–	38 026	703	298	1 001	39 027
B3-300 Studies / Development conducted by the members	41 959	10 399	(0)	52 357	–	1 278	1 278	53 635
Total chapter B3-3	41 959	10 399	(0)	52 357	–	1 278	1 278	53 635
Total title B-3	79 985	10 399	(0)	90 383	703	1 576	2 279	92 662
GRAND TOTAL SESAR	89 485	11 149	–	100 633	4 068	1 631	5 699	106 333

SESAR2020

5.2.4. Breakdown & changes in payment appropriations – Title B-3

EUR '000

	Initial adopted budget	Budget appropriations of the year		Final budget adopted	Carryover	Additional appropriations Assigned revenue	Total	Total approp. available
	1	Amending budgets 2	Transfers 3	4=1+2+3		6	7=5+6	8=4+7
B3-100 Studies / Development conducted by the SJU	24 200	(7 681)	–	16 519	–	–	–	16 519
Total chapter B3-1	24 200	(7 681)	–	16 519	–	–	–	16 519
B3-300 Studies / Development conducted by the members	32 302	7 699	–	40 000	–	–	–	40 000
Total chapter B3-3	32 302	7 699	–	40 000	–	–	–	40 000
Total title B-3	56 502	18	–	56 519	–	–	–	56 519
GRAND TOTAL SESAR2020	56 502	18	–	56 519	–	–	–	56 519
GRAND TOTAL SESAR and SESAR2020	145 986	11 167	(0)	157 153	4 068	1 631	5 699	162 852

5.3. Implementation of commitment appropriations

SESAR

5.3.1. Implementation of commitment appropriations – Title A-1

EUR '000

	Commitments made						Appropriations carried over to 2017			Appropriations lapsing			
	Total approp. availab.	From final adopt. budget	From carry overs	From assigned revenue	Total	%	Assigned revenue	By decision	Total	From final adopted budget	From carry overs	From assigned 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
A-1110 Temporary Agents	4 465	4 410	–	–	4 410	99%	56	–	56	–	–	–	–
Total chapter A-11	4 465	4 410	–	–	4 410	99%	56	–	56	–	–	–	–
A-1210 Contract Agents	390	390	–	–	390	100%	–	–	–	–	–	–	–
A-1220 Interim staff	300	300	–	–	300	100%	–	–	–	–	–	–	–
Total chapter A-12	690	690	–	–	690	100%	–	–	–	–	–	–	–
A-1310 Secondments from EUROCONTROL (non-PSO)	–	–	–	–	–	0%	–	–	–	–	–	–	–
A-1320 Secondments from other Members	170	170	–	–	170	100%	–	–	–	–	–	–	–
Total chapter A-13	170	170	–	–	170	100%	–	–	–	–	–	–	–
A-1410 Seconded National Experts (END)	200	200	–	–	200	100%	–	–	–	–	–	–	–
Total chapter A-14	200	200	–	–	200	100%	–	–	–	–	–	–	–
A-1510 Mission Costs	495	495	–	–	495	100%	–	–	–	–	–	–	–
A-1520 Other Travel Costs	5	5	–	–	5	100%	–	–	–	–	–	–	–
Total chapter A-15	500	500	–	–	500	100%	–	–	–	–	–	–	–
A-1610 Internal and external trainings and seminars	85	85	–	–	85	100%	–	–	–	–	–	–	–
A-1620 Social and recreational activities	35	16	–	–	16	46%	–	–	–	19	–	–	19
A-1630 Recruitment expenditure	15	15	–	–	15	100%	–	–	–	–	–	–	–
A-1640 Service Fees PMO	87	87	–	–	87	100%	–	–	–	–	–	–	–
Total chapter A-16	222	203	–	–	203	91%	–	–	–	19	–	–	19
Total title A-1	6 247	6 172	–	–	6 172	99%	56	–	56	19	–	–	19

5.3.2. Implementation of commitment appropriations – Title A-2

EUR '000

		Commitments made						Appropriations carried over to 2017			Appropriations lapsing			
		Total approp. availab.	From final adopt. budget	From carry overs	From assigned revenue	Total	%	Assigned revenue	By decision	Total	From final adopted budget	From carry overs	From assigned 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
A-2110	Office and Parking rental	505	383	-	-	383	76%	-	-	-	121	-	-	121
A-2120	Office and Parking Charges	134	126	-	-	126	94%	-	-	-	7	-	-	7
A-2130	Real estate tax	57	57	-	-	57	100%	-	-	-	-	-	-	-
A-2140	Regional Tax	40	40	-	-	40	100%	-	-	-	-	-	-	-
A-2150	Registration duties	2	-	-	-	-	0%	-	-	-	2	-	-	2
A-2160	Cleaning & Reception	118	106	-	-	106	90%	-	-	-	12	-	-	12
A-2170	Security Maintenance Contract	52	41	-	-	41	80%	-	-	-	10	-	-	10
A-2180	Works and repairs	71	71	-	-	71	100%	-	-	-	-	-	-	-
Total chapter A-21		979	825	-	-	825	84%	-	-	-	154	-	-	154
A-2210	Furniture	100	10	-	-	10	10%	-	-	-	90	-	-	90
A-2220	Books and reports	-	-	-	-	-	0%	-	-	-	-	-	-	-
Total chapter A-22		100	10	-	-	10	10%	-	-	-	90	-	-	90
A-2310	Realization of PR activities and material	385	377	-	-	377	98%	-	-	-	8	-	-	8
Total chapter A-23		385	377	-	-	377	98%	-	-	-	8	-	-	8
A-2410	Telephone communications Post	141	95	-	-	95	67%	-	-	-	46	-	-	46
Total chapter A-24		141	95	-	-	95	67%	-	-	-	46	-	-	46
A-2510	Travel costs related with participation to ADB	20	20	-	-	20	100%	-	-	-	-	-	-	-
A-2520	Other costs related to organisation of Admin. Boar	-	-	-	-	-	0%	-	-	-	-	-	-	-
Total chapter A-25		20	20	-	-	20	100%	-	-	-	-	-	-	-
A-2610	Administrative Supplies	104	70	-	-	70	67%	-	-	-	34	-	-	34
A-2620	Photocopier rental	2	2	-	-	2	100%	-	-	-	-	-	-	-
A-2630	Subscriptions to publ. newsp. membership	23	23	-	-	23	100%	-	-	-	-	-	-	-
A-2640	Insurances	18	15	-	-	15	86%	-	-	-	2	-	-	2
A-2650	Office hospitality	40	40	-	-	40	100%	-	-	-	-	-	-	-
A-2660	Packaging and Transport	19	19	-	-	19	100%	-	-	-	-	-	-	-
A-2670	Bank charges	5	5	-	-	5	100%	-	-	-	-	-	-	-
A-2680	Contingencies 2	55	-	-	-	-	0%	-	-	-	55	-	-	55
Total chapter A-26		265	174	-	-	174	66%	-	-	-	91	-	-	91
A-2710	IT system maintenance	1 713	1 713	-	-	1 713	100%	-	-	-	-	-	-	-
A-2720	Software	56	56	-	-	56	100%	-	-	-	-	-	-	-
A-2730	Hardware	144	144	-	-	144	100%	-	-	-	-	-	-	-
A-2740	Website	162	162	-	-	162	100%	-	-	-	-	-	-	-
Total chapter A-27		2 075	2 075	-	-	2 075	100%	-	-	-	-	-	-	-
A-2810	Translation of official documents	47	47	-	-	47	100%	-	-	-	-	-	-	-
A-2820	Legal support	10	10	-	-	10	100%	-	-	-	-	-	-	-
A-2830	Audit fiscal and accounting support	25	25	-	-	25	100%	-	-	-	-	-	-	-
A-2840	USA Representation (Delegation Services)	12	9	-	-	9	75%	-	-	-	3	-	-	3
Total chapter A-28		94	91	-	-	91	97%	-	-	-	3	-	-	3
Total title A-2		4 059	3 667	-	-	3 667	90%	-	-	-	392	-	-	392

5.3.3. Implementation of commitment appropriations – Title B-3

EUR '000

	Commitments made						Appropriations carried over to 2017			Appropriations lapsing			
	Total approp. availab.	From final adopt. budget	From carry overs	From assigned revenue	Total	%	Assigned revenue	By decision	Total	From final adopted budget	From carry overs	From assigned 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
B3-100 Studies / Development conducted by the SJU	27 686	25 636	703	–	26 339	95%	298	–	298	1 049	–	–	1 049
Total chapter B3-1	27 686	25 636	703	–	26 339	95%	298	–	298	1 049	–	–	1 049
B3-300 Studies / Development conducted by the members	1 278	–	–	1 054	1 054	82%	224	–	224	–	–	–	–
Total chapter B3-3	1 278	–	–	1 054	1 054	82%	224	–	224	–	–	–	–
Total title B-3	28 964	25 636	703	1 054	27 393	95%	522	–	522	1 049	–	–	1 049
GRAND TOTAL SESAR	39 270	35 476	703	1 054	37 232	95%	578	–	578	1 460	–	–	1 460

SESAR2020

5.3.4. Implementation of commitment appropriations – Title B-3

EUR '000

	Commitments made						Appropriations carried over to 2017			Appropriations lapsing			
	Total approp. availab.	From final adopt. budget	From carry overs	From assigned revenue	Total	%	Assigned revenue	By decision	Total	From final adopted budget	From carry overs	From assigned 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
B3-100 Studies / Development conducted by the SJU	62 138	61 638	–	–	61 638	99%	–	–	–	500	–	–	500
Total chapter B3-1	62 138	61 638	–	–	61 638	99%	–	–	–	500	–	–	500
B3-300 Studies / Development conducted by the members	–	–	–	–	–	0%	–	–	–	–	–	–	–
Total chapter B3-3	–	–	–	–	–	0%	–	–	–	–	–	–	–
Total title B-3	62 138	61 638	–	–	61 638	99%	–	–	–	500	–	–	500
GRAND TOTAL SESAR2020	62 138	61 638	–	–	61 638	99%	–	–	–	500	–	–	500
GRAND TOTAL SESAR and SESAR2020	101 408	97 114	703	1 054	98 870	97%	578	–	578	1 960	–	–	1 960

5.4. Implementation of payment appropriations

SESAR

5.4.1. Implementation of payment appropriations – Title A-1

EUR '000

	Payments made						Appropriations carried over to 2017				Appropriations lapsing			
	Total approp. availab.	From final adopted budget	From carry overs	From assigned revenue	Total	%	Automatic carry overs	By decision	Assigned revenue	Total	From final budget	From carry overs	From assigned revenue	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
A-1110 Temporary Agents	4 465	3 874	–	–	3 874	87%	535	–	56	591	–	–	–	–
Total chapter A-11	4 465	3 874	–	–	3 874	87%	535	–	56	591	–	–	–	–
A-1210 Contract Agents	390	297	–	–	297	76%	93	–	–	93	–	–	–	–
A-1220 Interim staff	405	282	68	–	350	86%	18	–	–	18	–	37	–	37
Total chapter A-12	795	578	68	–	647	81%	112	–	–	112	–	37	–	37
A-1310 Secondments from EUROCONTROL (non-PSO)	97	–	–	–	–	0%	–	–	–	–	–	97	–	97
A-1320 Secondments from other Members	335	–	–	–	–	0%	170	–	–	170	–	165	–	165
Total chapter A-13	432	–	–	–	–	0%	170	–	–	170	–	262	–	262
A-1410 Seconded National Experts (END)	200	156	–	–	156	78%	44	–	–	44	–	–	–	–
Total chapter A-14	200	156	–	–	156	78%	44	–	–	44	–	–	–	–
A-1510 Mission Costs	758	238	25	–	263	35%	257	–	–	257	–	238	–	238
A-1520 Other Travel Costs	10	0	0	–	0	2%	5	–	–	5	–	5	–	5
Total chapter A-15	767	238	25	–	263	34%	262	–	–	262	–	242	–	242
A-1610 Internal and external trainings and seminars	152	16	4	–	20	13%	69	–	–	69	–	62	–	62
A-1620 Social and recreational activities	40	3	5	–	8	21%	13	–	–	13	19	–	–	19
A-1630 Recruitment expenditure	25	1	0	–	1	5%	14	–	–	14	–	10	–	10
A-1640 Service Fees PMO	123	27	21	–	48	39%	60	–	–	60	–	15	–	15
Total chapter A-16	339	48	30	–	78	23%	155	–	–	155	19	87	–	106
Total title A-1	6 998	4 895	124	–	5 019	72%	1 277	–	56	1 333	19	628	–	647

5.4.2. Implementation of payment appropriations – Title A-2

EUR '000

		Payments made						Appropriations carried over to 2017				Appropriations lapsing			
		Total approp. availab.	From final adopted budget	From carry overs	From assigned revenue	Total	%	Automatic carry overs	By decision	Assigned revenue	Total	From final budget	From carry overs	From assigned revenue	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
A-2110	Office and Parking rental	635	383	120	-	504	79%	-	-	-	-	121	10	-	131
A-2120	Office and Parking Charges	242	82	25	-	107	44%	44	-	-	44	7	83	-	90
A-2130	Real estate tax	112	-	46	-	46	41%	57	-	-	57	-	9	-	9
A-2140	Regional Tax	65	0	17	-	18	27%	40	-	-	40	-	7	-	7
A-2150	Registration duties	4	-	-	-	-	0%	-	-	-	-	2	2	-	4
A-2160	Cleaning & Reception	167	61	48	-	110	66%	45	-	-	45	12	-	-	12
A-2170	Security Maintenance Contract	113	18	41	-	59	52%	23	-	-	23	10	21	-	31
A-2180	Works and repairs	138	1	1	-	2	2%	70	-	-	70	-	65	-	65
Total chapter A-21		1 475	546	299	-	845	57%	279	-	-	279	154	197	-	350
A-2210	Furniture	242	0	2	-	3	1%	10	-	-	10	90	139	-	229
A-2220	Books and reports	15	-	10	-	10	66%	-	-	-	-	-	5	-	5
Total chapter A-22		256	0	12	-	12	5%	10	-	-	10	90	144	-	234
A-2310	Realization of PR activities and material	630	205	245	-	450	71%	172	-	-	172	8	0	-	8
Total chapter A-23		630	205	245	-	450	71%	172	-	-	172	8	0	-	8
A-2410	Telephone communications Post	259	69	44	-	113	44%	26	-	-	26	46	73	-	120
Total chapter A-24		259	69	44	-	113	44%	26	-	-	26	46	73	-	120
A-2510	Travel costs related with participation to ADB	20	1	-	-	1	4%	19	-	-	19	-	-	-	-
A-2520	Other costs related to organisation of Admin. Boar	9	-	2	-	2	21%	-	-	-	-	-	7	-	7
Total chapter A-25		29	1	2	-	3	10%	19	-	-	19	-	7	-	7
A-2610	Administrative Supplies	190	28	27	-	54	29%	42	-	-	42	34	59	-	93
A-2620	Photocopier rental	4	1	0	-	1	24%	1	-	-	1	-	2	-	2
A-2630	Subscriptions to publ. newsp. membership	29	9	0	-	9	33%	14	-	-	14	-	6	-	6
A-2640	Insurances	29	12	5	-	17	59%	3	-	-	3	2	6	-	9
A-2650	Office hospitality	71	7	20	-	28	39%	33	-	-	33	-	10	-	10
A-2660	Packaging and Transport	33	0	1	-	1	4%	19	-	-	19	-	13	-	13
A-2670	Bank charges	7	5	1	-	6	82%	-	-	-	-	-	1	-	1
A-2680	Contingencies 2	161	-	70	-	70	43%	-	-	-	-	55	37	-	92
Total chapter A-26		524	62	124	-	186	36%	112	-	-	112	91	135	-	226
A-2710	IT system maintenance	2 712	66	729	-	795	29%	1 647	-	-	1 647	-	269	-	269
A-2720	Software	194	20	16	-	36	18%	36	-	-	36	-	122	-	122
A-2730	Hardware	246	2	59	-	61	25%	142	-	-	142	-	43	-	43
A-2740	Website	228	102	45	-	147	64%	60	-	-	60	-	21	-	21
Total chapter A-27		3 379	190	849	-	1 039	31%	1 885	-	-	1 885	-	455	-	455
A-2810	Translation of official documents	51	42	3	-	45	88%	6	-	-	6	-	-	-	-
A-2820	Legal support	20	-	-	-	-	0%	10	-	-	10	-	10	-	10
A-2830	Audit fiscal and accounting support	25	-	-	-	-	0%	25	-	-	25	-	-	-	-
A-2840	USA Representation (Delegation Services)	25	7	12	-	19	75%	2	-	-	2	3	1	-	4
Total chapter A-28		120	49	15	-	63	53%	42	-	-	42	3	11	-	14
Total title A-2		6 673	1 121	1 591	-	2 712	41%	2 546	-	-	2 546	392	1 024	-	1 415

5.4.3. Implementation of payment appropriations – Title B-3

EUR '000

	Payments made							Appropriations carried over to 2017				Appropriations lapsing		
	Total approp. availab.	From final adopted budget	From carry overs	From assigned revenue	Total	%		Automatic carry overs	By decision	Assigned revenue	Total	From final budget	From carry overs	From assigned revenue
	1	2	3	4	5=2+3+4	6 = 5/1		7	8	9	10=7+8+9	11	12	13
B3-100 Studies / Development conducted by the SJU	39 027	26 747	703	298	27 748	71%			–	–	–	11 279	–	–
Total chapter B3-1	39 027	26 747	703	298	27 748	71%			–	–	–	11 279	–	–
B3-300 Studies / Development conducted by the members	53 635	17 371	–	205	17 576	33%			–	1 073	1 073	34 987	–	–
Total chapter B3-3	53 635	17 371	–	205	17 576	33%			–	1 073	1 073	34 987	–	–
Total title B-3	92 662	44 118	703	503	45 324	49%			–	1 073	1 073	46 266	–	–
GRAND TOTAL SESAR	106 333	50 134	2 417	503	53 054	50%		3 823	–	1 128	4 952	46 676	1 651	–

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5.4.4. Implementation of payment appropriations – Title B-3

EUR '000

	Payments made							Appropriations carried over to 2017				Appropriations lapsing		
	Total approp. availab.	From final adopted budget	From carry overs	From assigned revenue	Total	%		Automatic carry overs	By decision	Assigned revenue	Total	From final budget	From carry overs	From assigned revenue
	1	2	3	4	5=2+3+4	6 = 5/1		7	8	9	10=7+8+9	11	12	13
B3-100 Studies / Development conducted by the SJU	16 519	9 919	–	–	9 919	60%			–	–	–	6 600	–	–
Total chapter B3-1	16 519	9 919	–	–	9 919	60%			–	–	–	6 600	–	–
B3-300 Studies / Development conducted by the members	40 000	40 000	–	–	40 000	100%			–	–	–	0	–	–
Total chapter B3-3	40 000	40 000	–	–	40 000	100%			–	–	–	0	–	–
Total title B-3	56 519	49 919	–	–	49 919	88%			–	–	–	6 600	–	–
GRAND TOTAL SESAR2020	56 519	49 919	–	–	49 919	88%			–	–	–	6 600	–	–
GRAND TOTAL SESAR and SESAR2020	162 852	100 054	2 417	503	102 973	63%		3 823	–	1 128	4 952	53 276	1 651	–

6. COMMITMENTS OUTSTANDING

SESAR

6.1. Commitments outstanding – Title A-1

EUR '000									
	Commitments outstanding at the end of prev. year				Comm. made during the year	Commitments of the year			Total commitments
	Comm. carried forward from prev. year	Decommit. Revaluation Cancellations	Payments	Total		Payment	Cancellation of comm. which cannot be carried forward	Commit. outstanding at year-end	outstanding at year-end
	1	2	3	4=1+2-3		6	7	8=5-6-7	9=4+8
A-1110 Temporary Agents	-	-	-	-	4 410	3 874	535	-	-
Total chapter A-11	-	-	-	-	4 410	3 874	535	-	-
A-1210 Contract Agents	-	-	-	-	390	297	93	-	-
A-1220 Interim staff	105	(37)	68	-	300	282	-	18	18
Total chapter A-12	105	(37)	68	-	690	578	93	18	18
A-1310 Secondments from EUROCONTROL (non-PSO)	97	(97)	-	-	-	-	-	-	-
A-1320 Secondments from other Members	165	(165)	-	-	170	-	-	170	170
Total chapter A-13	262	(262)	-	-	170	-	-	170	170
A-1410 Seconded National Experts (END)	-	-	-	-	200	156	-	44	44
Total chapter A-14	-	-	-	-	200	156	-	44	44
A-1510 Mission Costs	263	(238)	25	-	495	238	-	257	257
A-1520 Other Travel Costs	5	(5)	0	0	5	0	-	5	5
Total chapter A-15	267	(242)	25	0	500	238	-	262	262
A-1610 Internal and external trainings and seminars	67	(62)	4	(0)	85	16	-	69	69
A-1620 Social and recreational activities	5	-	5	-	16	3	-	13	13
A-1630 Recruitment expenditure	10	(10)	0	(0)	15	1	-	14	14
A-1640 Service Fees PMO	36	(15)	21	-	87	27	-	60	60
Total chapter A-16	117	(87)	30	(0)	203	48	-	155	155
Total Title A-1	751	(628)	124	(0)	6 172	4 895	628	649	649

6.2. Commitments outstanding – Title A-2

		Commitments outstanding at the end of prev. year				Commitments of the year				EUR '000 Total commitments
		Comm. carried forward from prev. year	Decommit. Revaluation Cancellations	Payments	Total	Comm. made during the year	Payment	Cancellation of comm. which cannot be carried forward	Commit. outstanding at year-end	outstanding at year-end
		1	2	3	4=1+2-3	5	6	7	8=5-6-7	9=4+8
A-2110	Office and Parking rental	130	(10)	120	-	383	383	-	-	-
A-2120	Office and Parking Charges	108	(83)	25	-	126	82	-	44	44
A-2130	Real estate tax	55	(9)	46	-	57	-	-	57	57
A-2140	Regional Tax	25	(7)	17	-	40	0	-	40	40
A-2150	Registration duties	2	(2)	-	-	-	-	-	-	-
A-2160	Cleaning & Reception	48	-	48	-	106	61	-	45	45
A-2170	Security Maintenance Contract	61	(19)	41	2	41	18	-	23	25
A-2180	Works and repairs	67	(65)	1	0	71	1	-	70	70
Total chapter A-21		496	(195)	299	2	825	546	-	279	281
A-2210	Furniture	142	(139)	2	(0)	10	0	-	10	10
A-2220	Books and reports	15	(5)	10	-	-	-	-	-	-
Total chapter A-22		156	(144)	12	(0)	10	0	-	10	10
A-2310	Realization of PR activities and material	245	(0)	245	-	377	205	-	172	172
Total chapter A-23		245	(0)	245	-	377	205	-	172	172
A-2410	Telephone communications Post	118	(73)	44	-	95	69	-	26	26
Total chapter A-24		118	(73)	44	-	95	69	-	26	26
A-2510	Travel costs related with participation to ADB	-	-	-	-	20	1	-	19	19
A-2520	Other costs related to organisation of Admin. Boar	9	(7)	2	-	-	-	-	-	-
Total chapter A-25		9	(7)	2	-	20	1	-	19	19
A-2610	Administrative Supplies	86	(59)	27	-	70	28	-	42	42
A-2620	Photocopier rental	2	(2)	0	(0)	2	1	-	1	1
A-2630	Subscriptions to publ. newsp. membership	6	(6)	0	-	23	9	-	14	14
A-2640	Insurances	11	(6)	5	-	15	12	-	3	3
A-2650	Office hospitality	31	(10)	20	-	40	7	-	33	33
A-2660	Packaging and Transport	14	(13)	1	(0)	19	0	-	19	19
A-2670	Bank charges	2	(1)	1	-	5	5	-	-	-
A-2680	Contingencies 2	107	(26)	70	11	-	-	-	-	11
Total chapter A-26		259	(124)	124	11	174	62	-	112	123
A-2710	IT system maintenance	999	(228)	729	42	1 713	66	-	1 647	1 688
A-2720	Software	138	(119)	16	2	56	20	-	36	39
A-2730	Hardware	102	(23)	59	19	144	2	-	142	161
A-2740	Website	66	(21)	45	-	162	102	-	60	60
Total chapter A-27		1 304	(392)	849	63	2 075	190	-	1 885	1 948
A-2810	Translation of official documents	3	-	3	-	47	42	-	6	6
A-2820	Legal support	10	(10)	-	-	10	-	-	10	10
A-2830	Audit fiscal and accounting support	-	-	-	-	25	-	-	25	25
A-2840	USA Representation (Delegation Services)	13	(1)	12	-	9	7	-	2	2
Total chapter A-28		26	(11)	15	-	91	49	-	42	42
Total Title A-2		2 614	(947)	1 591	77	3 667	1 121	-	2 546	2 622

6.3. Commitments outstanding – Title B-3

		Commitments outstanding at the end of prev. year				Commitments of the year			EUR '000
		Comm. carried forward from prev. year	Decommit. Revaluation Cancellations	Payments	Total	Comm. made during the year	Payment	Cancellation of comm. which cannot be carried forward	Total commitments outstanding at year-end
		1	2	3	4=1+2-3	5	6	7	9=4+8
B3-100	Studies / Development conducted by the SJU	52 897	(630)	20 994	31 273	26 339	6 754	–	50 858
Total chapter B3-1		52 897	(630)	20 994	31 273	26 339	6 754	–	50 858
B3-300	Studies / Development conducted by the members	119 648	(19)	17 539	102 090	1 054	36	–	103 107
Total chapter B3-3		119 648	(19)	17 539	102 090	1 054	36	–	103 107
Total Title B-3		172 545	(648)	38 533	133 363	27 393	6 790	–	153 965
GRAND TOTAL SESAR		175 910	(2 223)	40 247	133 439	37 232	12 806	628	157 237

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6.4. Commitments outstanding – Title B-3

		Commitments outstanding at the end of prev. year				Commitments of the year			EUR '000
		Comm. carried forward from prev. year	Decommit. Revaluation Cancellations	Payments	Total	Comm. made during the year	Payment	Cancellation of comm. which cannot be carried forward	Total commitments outstanding at year-end
		1	2	3	4=1+2-3	5	6	7	9=4+8
B3-100	Studies / Development conducted by the SJU	20 600	–	9 919	10 681	61 638	–	–	72 319
Total chapter B3-1		20 600	–	9 919	10 681	61 638	–	–	72 319
B3-300	Studies / Development conducted by the members	51 470	–	40 000	11 470	–	–	–	11 470
Total chapter B3-3		51 470	–	40 000	11 470	–	–	–	11 470
Total Title B-3		72 070	–	49 919	22 151	61 638	–	–	83 789
GRAND TOTAL SESAR2020		72 070	–	49 919	22 151	61 638	–	–	83 789
GRAND TOTAL SESAR and SESAR2020		247 980	(2 223)	90 167	155 590	98 870	12 806	628	241 026

7. GLOSSARY

ABAC

This is the name given to the Commission's accounting system, which since 2005 has been enriched by accrual accounting rules. Apart from the cash-based budget accounts, the Commission produces accrual-based accounts which recognise revenue when earned, rather than when collected. Expenses are recognised when incurred rather than when paid. This contrasts with cash basis budgetary accounting that recognises transactions and other events only when cash is received or paid.

Accounting

The act of recording and reporting financial transactions, including the creation of the transaction, its recognition, processing, and summarisation in the financial statements.

Administrative appropriations

Administrative appropriations cover the running costs of the Institutions and entities (staff, buildings, office equipment).

Adjustment

Amending budget or transfer of funds from one budget item to another

Adopted budget

Draft budget becomes the adopted budget as soon as it is approved by the Budgetary Authority.Cf. Budget.

Agencies

EU bodies having a distinct legal personality, and to whom budget implementing powers may be delegated under strict conditions. They are subject to a distinct discharge from the discharge authority.

Amending budget

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

Annuality

The budgetary principle according to which expenditure and revenue is programmed and authorised for one year, starting on 1 January and ending on 31 December.

Appropriations

Budget funding. The budget forecasts both commitments (legal pledges to provide finance, provided that certain conditions are fulfilled) 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. Non-differentiated appropriations apply to administrative expenditure, for agricultural market support and direct payments and commitment appropriations equal payment appropriations.

Assigned revenue External/Internal

Dedicated revenue received to finance specific items of expenditure. Main sources of external assigned revenue are financial contributions from third countries to programmes financed by the Union. Main sources of internal assigned revenue is revenue from third parties in respect of goods, services or work supplied at their request; (c) revenue arising from the repayment of amounts wrongly paid and revenue from the sale of publications and films, including those on an electronic medium. The complete list of items constituting assigned revenue is given in the Financial Regulation Art.21.2.

Authorising Officer (AO)

The AO is responsible in each institution for authorising revenue and expenditure operations in accordance with the principles of sound financial management and for ensuring that the requirements of legality and regularity are complied with.

Budget

Annual financial plan, drawn up according to budgetary principles, that provides forecasts and authorises, for each financial year, an estimate of future costs and revenue and expenditures and their detailed description and justification, the latter included in budgetary remarks.

Budget result

The difference between income received and amounts paid, including adjustments for carry-overs, cancellations and exchange rate differences. The resulting amount will have to be reimbursed to the funding authority as provided in the Financial Regulation for Agencies.

Budget implementation

Consumption of the budget through expenditure and revenue operations.

Budget item / Budget line / Budget position

As far as the budget structure is concerned, revenue and expenditure are shown in the budget 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 authority

Institutions with decisional powers on budgetary matters: the European Parliament and the Council of Ministers

Budgetary commitment

A budgetary commitment is a reservation of appropriations to cover for subsequent expenses.

Cancellation of appropriations

Unused appropriations that may no longer be used.

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 cost of legal obligations (contracts, grant agreements/decisions) that could be signed in the current financial year. Art. 7 FR: Commitment appropriations cover the total cost in the current financial year of legal obligations (contracts, grant agreements/decisions) entered into for operations extending over more than one year.

De-commitment

Cancellation of a reservation of appropriations

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. Art. 7 FR: Differentiated appropriations are entered for multiannual operations. They consist of commitment appropriations and payment appropriations.

Earmarked revenue

Revenue earmarked for a specific purpose, such as income from foundations, subsidies, gifts and bequests, including the earmarked revenue specific to each institution. (Cf. Assigned revenue)

Economic result

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

Entitlements established

Entitlements are recovery orders that the European Union must establish for collecting income.

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 currency at the closure.

Expenditure

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

Financial regulation (FR)

Adopted through the ordinary legislative procedure after consulting the European Court of Auditors, this regulation lays down the rules for the establishment and implementation of the general budget of the European Union. (OJ L 298, 26.10.2012)

Funds Source

Type of appropriations (e.g.: C1, C2, etc.)

Grants

Direct financial contributions, by way of donation, from the budget in order to finance either an action intended to help achieve an objective part of an EU policy or the functioning of a body which pursues an aim of general European interest or has an objective forming part of an EU policy.

Implementation

Cf. Budget implementation

Income

Cf. Revenue

Joint Undertakings (JUs)

A legal EU-body established under the TFEU. The term can be used to describe any collaborative structure proposed for the "efficient execution of Union research, technological development and demonstration programmes".

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 which is represented by an appropriation.

Legal base (basic act)

The legal base or basis is, as a general rule, a law based on an article in the Treaty giving competence to the Community for a specific policy area and setting out the conditions for fulfilling that competence including budget implementation. Certain Treaty articles authorise the Commission to undertake certain actions, which imply spending, without there being a further legal act.

Legal commitment

A legal commitment establishes a legal obligation towards third parties.

Non-differentiated appropriations

Non-differentiated appropriations are for operations of an annual nature. (Art. 9 FR). In the EU-Budget non-differentiated appropriations apply to administrative expenditure, for agricultural market support and direct payments

Operational appropriations

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

Outstanding commitment

Legal commitments having not fully given rise to liquidation by payments. Cf. RAL.

Outturn

Cf. Budget result

Payment

A payment is a cash disbursement to honour legal obligations.

Payment appropriations

Payment appropriations cover expenditure due in the current year, arising from legal commitments entered in the current year and/or earlier years (Art. 7 FR).

RAL

Sum of 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. (Cf. Outstanding commitments)

Recovery

The recovery order is the procedure by which the Authorising officer (AO) registers an entitlement by the Commission in order to retrieve the amount which is due. The entitlement is the right that the Commission has to claim the sum which is due by a debtor, usually a beneficiary.

Result

Cf. Outturn

Revenue

Term used to describe income from all sources financing the budget.

Rules of application

Detailed rules for the implementation of the financial regulation. They are set out in a Commission regulation adopted after consulting all institutions and cannot alter the financial regulation upon which they depend.

Surplus

Positive difference between revenue and expenditure (see Budget result) which has to be returned to the funding authority as provided in the Financial Regulation.

Transfer

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. They are, however, expressly authorised by the Treaty on the Functioning of the European Union under the conditions laid down in the Financial Regulation. The FR identifies different types of transfers depending on whether they are between or within budget titles, chapters, articles or headings and require different levels of authorization.