



**FUSION
FOR
ENERGY**

FINAL ANNUAL ACCOUNTS

Financial statements & Budget implementation

Sixteenth financial year – 2023

THE EUROPEAN JOINT UNDERTAKING FOR ITER AND THE DEVELOPMENT OF FUSION ENERGY

Josep Pla nº 2 · Torres Diagonal Litoral · Edificio B3· 08019 Barcelona · Tel. +34 93 320 18 00

www.fusionforenergy.europa.eu

These annual accounts have been drawn up by the Accounting Officer of the European Joint Undertaking for ITER and the development of Fusion Energy (F4E).

The final accounts, together with the opinion of the F4E Governing Board (GB), are sent to the Commission's Accounting Officer, the European Court of Auditors, the European Parliament and the Council.

The final accounts are published on F4E's website:

<https://fusionforenergy.europa.eu/key-reference-documents/>

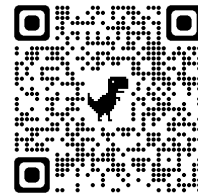


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Certification letter from F4E Accounting Officer

I acknowledge my responsibility for the preparation and presentation of the annual accounts of Fusion for Energy (F4E) in accordance with Article 102 of the Framework Financial Regulation ('FFR')¹ and I hereby certify that the annual accounts of F4E for the year 2023 have been prepared in accordance with Title IX of the FFR and the accounting rules adopted by the Commission's Accounting Officer, as are to be applied by all the Institutions and Union bodies.

I have obtained from the Authorising Officer, who certified its reliability, all the information necessary for the production of the accounts that show the F4E's assets and liabilities and the budgetary implementation. Based on this information, and on such checks as I deemed necessary to sign off the accounts, I have a reasonable assurance that the accounts present fairly, in all material aspects, the financial position, the results of the operations and the cash-flow of F4E.

Mr Roberto Abad Villanueva
Accounting Officer

Done in Barcelona, 23rd May 2024

¹ COMMISSION DELEGATED REGULATION (EU) 2019/715 of 18 December 2018 on the framework financial regulation for the bodies set up under the TFEU and Euratom Treaty and referred to in Article 70 of Regulation (EU, Euratom) 2018/1046 of the European Parliament and of the Council.

1. Introduction

F4E is a Joint Undertaking created under the Euratom Treaty by a decision of the Council of the European Union (EU)².

F4E was established for a period of 35 years from 19th April 2007 and its seat is located in Barcelona, Spain.

The main tasks of F4E are as follows:

- In relation to the obligations stemming from the ITER International Agreement: to provide the contribution of the European Atomic Energy Community (Euratom) to the ITER International Organisation (IO).
- In relation to the obligations stemming from the Broader Approach Agreement with Japan (BA): to provide components, equipment, materials and other resources for BA activities and to prepare and coordinate Euratom's participation in the implementation of BA activities.
- In relation to DEMO: to prepare and coordinate a programme of research, development and design activities other than ITER and BA activities, in preparation for the construction of a demonstration fusion reactor and related facilities, including the IFMIF (International Fusion Materials Irradiation Facility).

Regarding the ITER project, in November 2016 the Council of IO approved a new ITER project baseline for the scope, schedule and the cost of the project. The overall project schedule is based on a progressive four-stage approach with the so-called 'First Plasma' in December 2025 and culminating in the 'Deuterium-Tritium' phase in December 2035. Following the approval of the new ITER project baseline, F4E set the new timetable and recalculated the related cost at completion of the F4E's contribution to the project construction phase.

In addition to the construction of the machine, F4E will have to contribute to the ITER operational phase and to the subsequent ITER deactivation and decommissioning phases. The F4E contribution to the deactivation and the decommissioning phases are defined as EUR 95 540 000 (in 2001 values) and EUR 180 200 000 (in 2001 values).

For the Multiannual Financial Framework (MFF) period 2021-2027, the European Council has agreed a budget for the Euratom contribution to ITER amounting to a total value of EUR 5 614 million (in current values) of which EUR 5 560 million (in current value) of direct contribution to the project. The ITER Host State and Membership contributions will be added to this figure, subject to the final decision by the relevant Budgetary Authorities.

² Council decision 2021/281/Euratom of 22 February 2021 Amending Decision 2007/198/Euratom establishing the European Joint Undertaking for ITER and the Development of Fusion Energy and conferring advantages upon it.

a) F4E revenue is made up of the:

- **Euratom contribution**

The contribution from Euratom constitutes the main source of revenue for F4E.

The annual contribution is determined in the European Union General Budget in commitment and in payment appropriations, as well as the F4E establishment plan. The revenue received from Euratom is earmarked for operational expenditure and for administrative expenditure (running costs).

- **The ITER Host State Contribution (France)**

The contribution from the ITER Host State constitutes the second source of revenue for F4E. France as the ITER Host State covers 9.09% of the total costs of the ITER construction phase, this is equivalent to 20% of the total European participation to the construction of ITER. New principles and methodology to calculate the French contribution are established in the exchange of letter³ from 2022, with retroactive effect in 2021. It is calculated on the EURATOM contribution to F4E minus the domains of exclusion as agreed in the exchange of letter and defined as follows:

- Administrative expenditure,
- Test Blanket Modules cost,
- DONES cost,
- Broader Approach cost,
- The Transportation cost.

Compared to the 2011 agreement, covering the period until the end of 2020, this new methodology is no longer limited in time and covers the remaining lifetime of the project.

- **The Membership contributions (F4E Members except Euratom)**

The Annual Membership Contributions are established and adopted annually within the budget. It corresponds to 10% of the administrative budget and are universal (not assigned) revenue.

- **Reserve Fund and other tasks requested and financed by IO**

The revenue from the Reserve Fund managed by the IO is assigned to the implementation of change orders originating from IO which take place in the framework of the contractual relationships between F4E and the various suppliers.

The revenue from the Reserve Fund and from other requested tasks is earmarked for financing the corresponding requests for change from IO introduced after 5th March 2015.

³ Contribution financière française à la construction d'ITER : Lettre du Haut Représentant Français pour ITER (formal exchange of letters on 17 June 2022 and 29 July 2022 between France and the European Commission).

b) United Kingdom and Switzerland Participation in ITER Programme

Following the United Kingdom's withdrawal from Euratom, the UK's membership in F4E depends on the adoption of Articles 7 and 8 of draft Protocol I (Programmes and activities in which the UK participates) of the Joint Declaration on Participation in Union Programmes and Access to Programme Services under the EU-UK Trade and Cooperation Agreement. However, as the parties could not conclude the Protocol, the UK is still not associated with the Euratom research and training programme and the F4E's activities. Therefore, the UK is currently not a member of F4E.

In addition to Euratom and the EU Member States, Switzerland was a full F4E member based on a cooperation agreement in the field of controlled nuclear fusion. Switzerland ceased being an F4E member in December 2020, when the agreement expired. In 2022, F4E concluded an agreement with the Ecole Polytechnique Fédérale de Lausanne regarding scientific and technological co-operation.

c) Main achievements during 2023

IO is currently working on the creation of a new ITER project Baseline (scope, schedule and cost) that will be presented to the ITER Council for a decision during the second half of 2024. F4E is devoting significant efforts to support the IO during this challenging period and to support initiatives to bring the two organisations closer together to increase the overall efficiency and performance of the project.

During an extraordinary GB in February 2023, Marc LACHAISE was appointed as the new F4E Director and started his appointment on 16th of May. F4E notes that the mission letter from the GB to the new Director asks for action along six axes: (1) One Team, One Objective between F4E and the IO, (2) a modern, diverse & flexible organisation, (3) a renewed engagement to deliver, (4) transparent & flexible working method, (5) sound & transparent financial management, budget planning & reporting and (6) a renewed engagement with scientific & industrial stakeholders & F4E's long-term perspective.

During 2023 F4E has further progressed in the work and continued the delivery of some of the major components to ITER to continue the assembly activities for achievement of First Plasma.

Notably in 2023 F4E delivered the Torus and Cryostat Front-End Cryopump Distribution System and Cryojumpers to the ITER site (GB28). As far as In-Vessel is concerned, F4E completed the qualification phase prior to start of Blanket First Wall series production (GB37).

F4E also made available to IO the Cryoline Bridge for installation of systems (GB57) and the Diagnostics Programme delivered the Electronics and Software for Magnetics (GB39).

F4E also signed the Task Order for Manufacturing the Cask and Plug Remote Handling System (GB32).

Both design and manufacturing activities have progressed in Europe in laboratories and industry.

In 2023 F4E achieved an Annual M-SPI:

$$\text{Annual } M - \text{SPI} = \frac{\text{Number of milestones with Status = Completed}}{\text{Number of milestones with reference date} \leq \text{Current month}} = 0.67$$

The achievements during the year are detailed in the 2023 Consolidated Annual Activity report (with the annual accounts in annex).

d) Impact of international situation

During 2022 and 2023 F4E experienced strong inflationary effects, initially due to COVID-19 induced supply chain issues and then (after February 2022) due to the war in Ukraine. The estimated impact of these on the total F4E EAC amounts to €258M (2008 value) per the latest estimate. This EAC increase is expected to materialize as additional expenditure in the years 2024-2026. This inflationary effect is clear in raw material prices, both in existing contracts and tenders received in 2023, and is likely to continue in the future depending on the developing international situation.

e) 2023 Accounts

The 2023 financial statements of F4E and its reports on budget implementation for 2023 have been prepared in conformity with:

- The Council Decision establishing F4E,
- The Financial Regulation (FR) applicable to the general budget of the European Union⁴,
- The F4E FR⁵,
- The « Inventory directive » (EC n° 643/2005),
- The European Commission's consolidation manual for the 2023 closure.

The accounts have also been drawn up in accordance with the accounting rules adopted by the Accounting Officer of the European Commission (EC). As an EU body, F4E is fully consolidated in the EU accounts. Articles 80.1 and 82.1 of the general FR state that the Accounting Officer of the EC adopts the accounting rules and the harmonised chart of accounts to be applied by all institutions and EU bodies. They are accrual based accounting policies derived from International Public Sector Accounting Standard (IPSAS) or by default, International Financial Reporting Standards (IFRS).

F4E has implemented the ABAC system (Accrual Based Accounting) owned by the EC and used by many EU bodies. The accounting and budgetary information is integrated in one system which has SAP as a back-end for the accounting part. The workflow system in ABAC allows the Authorising Officer to ensure that the "four eyes" principle has been observed for each transaction.

The representation letter related to the accounts 2023 has been transmitted to the President of the European Court of Auditors (ECA) in a separate note. It includes no reservation from the F4E Accounting Officer.

⁴ Financial Regulation (EC, Euratom) n° 966/2012 of the European Parliament and of the Council of 25 October 2012, last amended on 18/07/2018 (EU, Euratom) n° 2018/1046.

⁵ F4E Financial Regulation adopted by F4E Governing Board on 9-10/12/2019 – F4E(19)-GB45-45.

In line with Article 70.6 of the FR applicable to the general budget of the EU, Baker Tilly has been appointed as independent external auditor to verify that the 2023 annual accounts properly present the income, expenditure and financial position of F4E.

ECA shall prepare a specific Annual Report in line with the requirement of Article 287 (1) TFEU. When preparing this report, ECA shall consider the audit work performed by the independent external auditor and the action taken in response to the auditor's findings.

The European Parliament is the discharge authority within the EU. This means that, following the audit and finalisation of the annual accounts, it falls under the responsibility of the Council to recommend and then to the European Parliament to give a discharge to F4E.

Section I. 2023 Financial Statements

2. Balance Sheet

As at 31 December 2023

EUR thousands

	Note	2023	2022
CURRENT ASSETS			
Cash and cash equivalents	6.2.1.	25	25
Receivables	6.2.2.	192 080	310 904
Pre-financing	6.2.3.	19 879	13 393
		211 984	324 322
NON-CURRENT ASSETS			
Pre-financing	6.2.3.	77 745	67 308
Property, plant and equipment	6.2.4.	388	467
Intangible assets	6.2.4.	73	45
		78 206	67 821
TOTAL ASSETS		290 190	392 143
CURRENT LIABILITIES			
Accounts payable	6.2.5.	126 337	79 960
Accrued charges and deferred income	6.2.6.	122 750	119 642
Current provisions	6.2.7.	0	76
		249 087	199 678
NON-CURRENT LIABILITIES			
Non-Current provisions	6.2.7.	206 903	185 560
		206 903	185 560
TOTAL LIABILITIES		455 991	385 238
NET ASSETS		-165 801	6 905
NET ASSETS/EQUITY			
Accumulated surplus/deficit		6 905	23 297
Economic result of the year - Profit (+)/Loss (-)		-172 706	-16 392
NET ASSETS	6.2.8.	-165 801	6 905

Fig. 1 Balance Sheet

3. Statement of Financial Performance

As at 31 December 2023

EUR thousands

	Note	2023	2022
NON-EXCHANGE REVENUES			
Revenue from Euratom		404 387	596 754
Revenue from other contributors (Member States)		120 700	155 500
Other non exchange revenue		182	701
		525 268	752 955
EXCHANGE REVENUES			
Reserve Fund		22 272	69 549
Other revenues		199	16
		22 471	69 565
TOTAL REVENUE	6.3.1.	547 740	822 520
OPERATIONAL EXPENSES			
	6.3.2.		
Expenses with third parties		623 371	752 147
		623 371	752 147
OTHER EXPENSES			
	6.3.3.		
Staff costs		59 504	64 994
Provisions - additions and adjustments		21 344	2 576
Property, plant and equipment related expenses		1 986	2 118
Other expenses		14 242	17 076
		97 075	86 765
TOTAL EXPENSES		720 446	838 912
SURPLUS (+) / DEFICIT (-) OF THE YEAR		-172 706	-16 392

Fig. 2 Statement of Financial Performance

4. Cash Flow Statement (indirect method)

As at 31 December 2023

EUR thousands

	2023	2022
Surplus/(deficit) from ordinary activities	-172 706	-16 392
Operating activities		
Amortization (intangible fixed assets) +	33	-11
Depreciation (tangible fixed assets) +	-520	159
Increase/(decrease) in Provisions for risks and liabilities	21 267	-60 296
Increase/(decrease) in Value reduction for doubtful debts	0	0
(Increase)/decrease in Stock	0	0
(Increase)/decrease in Long term Pre-financing	-10 436	3 048
(Increase)/decrease in Short term Pre-financing	-6 486	24 380
(Increase)/decrease in Long term Receivables	0	0
(Increase)/decrease in Short term Receivables	118 824	-21 035
Increase/(decrease) in Other Long term liabilities	0	0
Increase/(decrease) in Accounts payable	49 486	70 033
	-538	-114
Investing activities		
Increase of tangible and intangible fixed assets (-)	-285	-200
Proceeds from tangible and intangible fixed assets (+)	823	293
	538	93
Net increase/(decrease) in cash and cash equivalents	0	-21
Cash and cash equivalents at the beginning of the period	25	46
Cash and cash equivalents at the end of the period	25	25

Fig. 3 Cash Flow Statement

5. Statement of Changes in Net Assets

As at 31 December 2023

EUR thousands

Net assets	Accumulated Surplus (+) / Deficit (-)	Economic result of the year	Net assets (Total)
Balance as of 31 December 2022	23 297	-16 392	6 905
Balance as of 1 January 2023	23 297	-16 392	6 905
Fair value movements	0	0	0
Allocation of the Economic Result of Previous Year	-16 392	16 392	0
Economic result of the year	0	-172 706	-172 706
Balance as of 31 December 2023	6 905	-172 706	-165 801

Fig. 4 Statement of Changes in Net Assets

6. Notes to the Financial Statements

6.1. Accounting Principles

The Financial statements provide information about the financial position, performance and cash flow of an entity that is useful to a wide range of users. For a public sector entity such as F4E, the objectives are more specifically to provide information useful for decision-making, and to demonstrate the accountability of the entity for the resources entrusted to it.

The accounts of the Joint Undertaking comprise the general accounts and budget accounts. These are kept in euro on the basis of the calendar year. The budget accounts give a detailed picture of the implementation of the budget. They are based on the modified cash accounting principle. The general accounts allow for the preparation of the financial statements which consist in a statement of financial performance, showing all income and expenditure for the financial year, and a balance sheet designed to establish the financial position of F4E at 31 December.

Article 98 of F4E FR sets out the accounting principles to be applied in drawing up the financial statements.

Use of estimates

In accordance with IPSAS and generally accepted accounting principles, the financial statements include amounts based on estimates and assumptions by management based on the most reliable information available.

Significant estimates include, but are not limited to, amounts for provisions, accounts receivables, accrued income and charges, contingent assets and liabilities, and the degree of impairment of intangible assets and property, plant and equipment. Actual results could differ from those estimates. Changes in estimates are reflected in the period in which they become known.

IPSAS 11 – Construction contracts

Most of the components that make up ITER will be delivered by the ITER parties (including F4E) “in-kind” (providing directly the components rather than contributing only cash).

The EU contribution to IO through F4E is established on the ITER Agreement and Common Understanding on Procurement Allocation and its amendments, and it comprises mainly buildings, magnets, vessels and other engineering components.

On the basis of the Procurement Arrangements (PA), F4E launches procurements and concludes contracts with the industry. The industry delivers usually directly to IO, which also performs the acceptance. IO then informs F4E about the acceptance, i.e. IO recognises the credits to F4E. In order to consider that the PA obligations have been fulfilled by each party, the PA value has to be fully earned, independently of the actual cost incurred for executing the scope of work of each PA.

For each PA key milestone an ITER credit is associated and this is released to the specific Party whenever the milestone has been achieved and the related documentation verified by IO. Therefore the progress in the execution of the work and in discharging the EU from its obligation toward the ITER Agreement is recognized by means of credit earned by F4E depending on the achievement of project milestones laid down in each PA.

As there is no specific EC accounting rule covering those operations, F4E refers to IPSAS rule n° 11 “Construction contracts”.

The ITER Agreement and Common Understanding on Procurement Allocation and its amendments together with the F4E Statutes can be considered as a binding arrangement and therefore as a construction contract according to IPSAS 11.

From an IPSAS 11 perspective, F4E can be considered as contractor and the agreement with Euratom as a construction contract.

Based on the accounting guidance applicable to the type of transactions managed by F4E, the cost of the items, acquired or constructed, incurred with the purpose of the final manufacture of the research components that F4E agreed to deliver **should be expensed when incurred**.

The recognition as an expense is the approach that better capture the nature of the transaction given that :

- in most of the cases the suppliers hold the economic ownership (i.e., is not presently controlled by F4E);
- F4E does not foresee using the assets for other purpose, or
- F4E agrees/foresees to provide the legal ownership to the subcontractors for no consideration after delivery.

It is to be noted that the use of IPSAS rule n° 11 (Construction contracts) is extended to the accounting of all operational contributions within the ITER and BA agreements.

6.2. Notes to the Balance Sheet

6.2.1. Cash and Cash Equivalents

Description	31.12.2023	31.12.2022
Bank accounts:		
Current accounts	0.00	0.00
Imprest accounts/Cash in hand	25 000.00	25 000.00
Short-term deposits	0.00	0.00
TOTAL	25 000.00	25 000.00
EC Central treasury:	20 147 122.03	50 889 047.15

Fig. 5 Central treasury and Cash Equivalents

The cash position at the end of 2023 is composed of two imprest accounts (petty cash).

No bank interests have been generated in 2023.

In view to increase the efficiency, F4E has externalised its treasury to the EC in May 2019. In line with the accounting guidance, those funds belonging to F4E are accounted as Sundry receivables.

6.2.2. Current Receivables

All receivables are carried out at the original amount less write-down for impairment when there is objective evidence that F4E will not be able to collect all amounts due according to the original payment terms.

Current receivables: EUR 14 682 131.66 referring mainly to the recoverable VAT from France.

Sundry receivables: EUR 20 213 618.67 composed mainly of the funds belonging to F4E but managed by the EC Central treasury (see also above point 6.2.1.).

Deferrals: EUR 157 183 906.82 corresponding to the deferred charges related to the 2024 cash contribution to IO (EUR 153.8 million) and deferred charges for insurance premiums paid in advance (EUR 3.1 million).

6.2.3. Pre-Financing

Pre-financing is a payment intended to provide the beneficiary with a cash advance, i.e. a float (related mainly to operational procurement contracts). It may be split into a number of payments over a period defined in the specific pre-financing agreement. The float or advance is repaid or used for the purpose for which it was provided during the period defined in the agreement. If the beneficiary does not incur eligible expenditures, he has the obligation to return the pre-financing to F4E.

The amount of the pre-financing is reduced (wholly or partially) by the acceptance of eligible costs and amounts returned.

At year-end, outstanding pre-financing amounts are valued at the original amount(s) paid less: amounts returned, eligible amounts cleared, estimated eligible amounts not yet cleared at year-end, and value reductions.

EUR		
Pre-financing without interest for F4E	31.12.2023	31.12.2022
Pre-financing given to third parties (non-current)	77 744 567.36	67 308 376.45
Pre-financing given to third parties (current)	49 166 474.12	62 946 478.82
Accrued charges on Pre-financing given to third parties	-29 287 145.75	-49 553 151.76
TOTAL	97 623 895.73	80 701 703.51

Fig. 6 Pre-Financing

It is estimated that EUR 77.7 million of the pre-financing open at 31/12/2023 will be cleared with eligible amounts after 2024.

6.2.4. Fixed Assets

An asset shall be recognised only if it is probable that the expected future economic benefits or service potential that are attributable to that asset will flow to F4E and the cost or fair value of the asset can be measured reliably. Service potential would refer to assets that are used to achieve an objective but which do not directly generate net cash inflows. In the context of F4E this comprises all assets that are used by F4E to fulfil its objectives.

F4E books as fixed assets only items with a purchase price above EUR 5 000.00. Items with a lower value, such as monitors, digital cameras, etc., are treated as expenses of the year but are however registered in the physical inventory. All assets are stated at cost less accumulated depreciation and impairment losses.

F4E has introduced the module ABAC Assets in 2008. ABAC Assets has been developed to meet the requirements of the EC "Inventory Directive" (EC n° 643/2005) and its content is replicated in SAP Assets Accounting module.

All fixed assets are depreciated monthly, with zero residual value, over a variable useful lifetime:

Asset type	Annual depreciation rate
Intangible fixed assets	25%
Tangible fixed assets	
Buildings	4%
Plant and equipment	12.5%, 25%
Furniture and vehicles	
Office furniture	10%
Transport, electrical office, printing and mailing equipment	25%
Kitchen, Printshop and postroom equipment	12.5%
Computer hardware	25%
Other fixtures and fittings	
Audiovisual and Telecommunications equipment	25%
Computer, scientific and general books, documentation	25%, 33%
Health, safety, protective, security and medical equipment,	12.5%
Other	10%
Tangible fixed assets under construction	0%

Fig. 7 Depreciation Rate

Intangible fixed assets:

An intangible asset is an identifiable non-monetary asset without physical substance.

Regarding the internally developed intangible assets (e.g. software), the requirements of the accounting rule n°6 from 1/1/2010 onwards are:

- costs directly linked to an internally developed intangible asset, providing they meet the necessary criteria, must be capitalised as asset under construction. Once the project goes live, the resulting asset will be amortised over its useful life,
- the amount of research expenses incurred on IT projects and development costs not capitalised (e.g. for small projects below threshold, see Fig.10 under note 6.3.3. below) must be disclosed in the financial statements.

As of 31/12/2023, all projects identified were below the threshold of EUR 500 000.00 used by F4E for the capitalisation of internally generated intangible assets.

Tangible fixed assets:

A tangible asset is an identifiable non-monetary asset with physical substance.

The following table Fig.8 provides the variation of the fixed assets in 2023 :

ASSETS		Intangible fixed assets			Tangible fixed assets							Fixed assets
2023		Intangible fixed assets internally generated	Computer Software	Total Intangible fixed assets	Buildings	Plant and Equipment	Computer hardware	Furniture and vehicles	Other Fixtures and Fittings	Tangible Fixed Assets under Construction	Total Tangible fixed assets	Total fixed assets
Gross carrying amounts 01.01.2023	+	0.00	2 876 815.02	2 876 815.02	0.00	852 654.39	4 246 209.90	742 391.82	812 984.20	0.00	6 654 240.31	9 531 055.33
Additions	+		61 207.75	61 207.75		53 200.00	165 746.10	5 085.88			224 031.98	285 239.73
Disposals	-			0.00			-1 168 897.19	-31 067.57	-273 288.78		-1 473 253.54	-1 473 253.54
Transfer between headings	+/-			0.00							0.00	0.00
Other changes :	+/-			0.00							0.00	0.00
Gross carrying amounts 31.12.2023		0.00	2 938 022.77	2 938 022.77	0.00	905 854.39	3 243 058.81	716 410.13	539 695.42	0.00	5 405 018.75	8 343 041.52
Accumulated amortization and impairment 01.01.2023	-	0.00	-2 831 409.02	-2 831 409.02	0.00	-734 501.39	-4 026 993.90	-716 146.82	-709 789.20	0.00	-6 187 431.31	-9 018 840.33
Depreciation	-		-33 414.75	-33 414.75		-76 778.00	-152 785.10	-11 629.88	-50 618.00		-291 810.98	-325 225.73
Write-back of depreciation	+			0.00							0.00	0.00
Disposals	+			0.00			1 168 897.19	30 965.57	264 622.78		1 464 485.54	1 464 485.54
Impairment	-			0.00							0.00	0.00
Write-back of impairment	+			0.00							0.00	0.00
Transfer between headings	+/-			0.00							0.00	0.00
Other changes :	+/-			0.00					-2 281.00		-2 281.00	-2 281.00
Accumulated amortization and impairment 31.12.2023		0.00	-2 864 823.77	-2 864 823.77	0.00	-811 279.39	-3 010 881.81	-696 811.13	-498 065.42	0.00	-5 017 037.75	-7 881 861.52
Net carrying amounts 31.12.2023		0.00	73 199.00	73 199.00	0.00	94 575.00	232 177.00	19 599.00	41 630.00	0.00	387 981.00	461 180.00
Accounts			210000		221000	230000	241000	240000	242000	244000	200000	

Fig. 8 Intangible and Tangible Fixed Assets

6.2.5. Accounts Payable

Current and sundry payables are **EUR 124 840 507.11** and are composed of the balance of the 2024 cash contribution to IO (EUR 124.7 million) and suppliers' invoices received but not paid at year end and reimbursements to staff.

Pre-financing received from Euratom totalled **EUR 1 496 811.56** refers to the balance of the budget outturn account 2023, to be reimbursed to the EC in 2024 (Cf. point 7.6. Budget outturn account).

6.2.6. Accrued Charges and Deferred Income

In accordance with EU Accounting Rule n° 3, accruals are made to recognize the amounts to be paid for goods or services that have been received or supplied but have not been paid, invoiced or formally agreed with the supplier, including amounts due to employees. The accruals are based on project analysis performed by the Authorizing Officer and cross-checked with the amounts actually invoiced at the time of finalization of the accounts.

The amount of **EUR 122 750 170.82** which represents mainly invoices to be received in 2024 for services rendered in 2023, includes:

- EUR 113 342 556.06 for services rendered in 2023 on operational activities and not invoiced at 31/12/2023,
- EUR 5 936 486.88 for services rendered in 2023 on administrative expenditures and not invoiced at 31/12/2023,
- EUR 1 878 808.88 for F4E staff's untaken leave as at the end of December 2023. In conformity with EC Accounting Rule n° 12, an entity shall recognize the cost of holidays carried over to the following years during the year the services were rendered by the staff members,
- EUR 1 592 319.00 as deferred income, for the revenue received from IO for the Reserve fund for which the works have not been performed at 31/12/2023.

6.2.7. Provisions

Provisions are recognised when F4E has a legal or constructive obligation towards third parties as a result of past events, for which it is more likely than not that an outflow of resources will be required to settle the obligation, and when 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 expenditures expected to be required to settle the present obligation at the reporting date. The EU Accounting rule n°10 (Provision, contingent assets and liabilities) is applicable.

As at 31 December 2023

Description	Amounts at 31.12.2022	Amounts used	Amounts cancelled	Transfer to current	Addition and value adjustments	Amounts at 31.12.2023
Decommissioning fund	176 264 776.54	0.00	0.00	0.00	20 667 066.52	196 931 843.06
Additional contribution to Japan/QST	9 295 115.82	0.00	0.00	0.00	676 448.58	9 971 564.40
TB04 Contract	76 338.00	-76 338.00	0.00	0.00	0.00	0.00
Total	185 636 230.36	-76 338.00	0.00	0.00	21 343 515.10	206 903 407.46

Fig. 9 Non-current and current Provision

Provision for the decommissioning fund :

When the construction of an asset requires removal after the end of its useful life and restoration of the site, then a present obligation arises at the time of its construction.

F4E shall contribute jointly through the Budget of the IO to the accumulation of the Decommissioning Fund from the date of First Plasma through the Operation Phase. This will be done by making regular payments through the IO budget.

Based on the Overall Project Cost approved by the ITER Council⁶, the Decommissioning cost is estimated to EUR 530.0 million in 2001 value (not including the Deactivation cost). The EU share of the estimated costs for Decommissioning is EUR 180.2 million (34 % of EUR 530.0 million).

The following assumptions have been made for the calculation :

- the percentage of completion, discharge of obligations to ITER is 65.53 % as of 31.12.2023 (according to the F4E Monthly Dashboard),
- the cost contributions will be done in equal annual instalments of EUR 15.0 million in 2001 value (180.2 divided by 12 years) during the Operation Phase 2026 to 2037,
- EU HICP annual inflation rate from 2001 to 2023,
- an annual inflation rate of 2.0 % provided by Eurostat to reflect future prices,
- the contributions in future prices are discounted on average 2.0 % (ECB – 3 to 10 years zero coupon rate).

Other provision - Additional financial contribution to Japan :

Regarding the arrangements signed between F4E, the JAEA and IO, the transfer of procurement responsibilities from Europe to Japan is implemented through annual cash contributions.

In addition to the original agreements, in January 2014, Euratom and the Japanese Ministry of Science and Technology reached an agreement for settling the transfer of procurement responsibilities, following the request by Japan for an additional financial contribution of EUR 75.0 million (2014 value).

In line with the specific agreement signed in 2020, the provision has been consumed with two payments (EUR 70.0 million in 2020 and EUR 1.4 million in 2021). The balance is estimated to be executed in 2027.

Therefore, in compliance with the accounting rules, the provision has been adjusted based on :

- EU HICP annual inflation rate from 2014 to 2023,
- an annual inflation rate of 2.0 % provided by Eurostat to reflect future prices,
- the contributions in future prices are discounted 1.9 % (ECB – 4 years zero coupon rate).

Other provision – TB04 Contract

The TB04 contract covers for the most part the design and supply of the equipment for electrical and HVAC services in the ITER Tokamak Building.

⁶ Updated Overall Project Cost (OPC) – ITER_D_9H37J3 v1.0 presented to IC-33

Following several Disputes, F4E won the adjudication against the TB04 Contractor. According to the binding decision of the Adjudication Panel issued on 11 May 2023, F4E had to pay EUR 76 338.00 (corresponding to 20% of the adjudicators' fee). More details are provided below under point 6.4.2. Contingent liabilities.

6.2.8. Net Assets

F4E net assets are decreased by the negative financial performance of the year (EUR 172.7 million) totalling **EUR -165 801 164.07** as of 31 December 2023.

The resources of F4E consist of contributions from Euratom and from the ITER Host State, annual membership, voluntary contributions from the Members other than Euratom and additional resources.

It is to be noted that according to F4E FR, if the balance of the outturn account is positive, it shall be repaid to the EC up to the amount of the Euratom contribution paid during the financial year (see point 7.6. Budget outturn account).

6.3. Notes to the Statement of Financial Performance

6.3.1. Revenue

F4E's revenues consist mainly of contributions granted by Euratom as a participation in the financing of F4E, the ITER Host State, annual membership contributions from other members than Euratom, the ITER Reserve Fund, recoveries of expenses as well as revenue from liquidated damages.

A distinction is made in the Statement of financial performance between :

- revenue from **non-exchange transactions** (mainly from contributors) : the related receivables and revenue are recognized when the recovery orders are issued by F4E (in line with the payment needs and within the Budget approved by F4E's GB). At the end of each financial year, the surplus assessed for budget purposes on a modified cash basis is returned to Euratom (see point 7.6. Budget outturn account). The EU Accounting rule 17 – Revenue from non-exchange transactions is applicable.
- revenue from **exchange transactions** (mainly from the ITER Reserve Fund) : the revenue recognition criteria applied are those described in the EU Accounting rule n° 4.

It is to be noted that the revenue from ITER Reserve Fund is recognised subject to the:

- authorisation for financing from the Reserve Fund, implemented through the decisions of the Executive Project Board;
- approval of the related contractual amendment, given by the IO-DG;
- implementation of the related actions by F4E's suppliers (allowing to match the cost with the revenue from ITER).

The operating revenues, **EUR 547 739 621.38** (EUR 822 519 609.35 in 2022), include mainly the 2023:

- Euratom contribution: EUR 404 386 762.86
- ITER Host State contribution: EUR 113 400 000.00
- Membership contributions: EUR 7 300 000.00
- Revenue from ITER: EUR 22 272 414.52

6.3.2. Operational Expenses – EUR 623 370 650.55 (EUR 752 146 997.45 in 2022)

The types of expenses that F4E reports include exchange expenses (where F4E receives goods or services in return) and non-exchange expenses (where F4E transfers value to another entity without receiving anything in exchange).

In line with IPSAS rule n° 11, the construction contracts for which no inflow of service potential will arise to F4E are accounted as expense (operational items that are being built by F4E's contractors and directly handed over to IO after acceptance by the latter – including tooling and work in progress).

6.3.3. Other Expenses – EUR 97 075 159.61 (EUR 86 764 677.87 in 2022)

- Staff expenses: **EUR 59 503 941.06** (EUR 64 994 272.16 in 2022)
It includes the total gross salaries (including allowances, social contributions, taxes and pension contributions), employer's contribution for social security, allowances for seconded national experts and other staff related costs. The above social contributions and taxes are transferred to and managed by the EU Paymaster Office (PMO).
- Provision for liabilities: **EUR 21 343 515.10** refers to the yearly addition and value adjustment of the provisions described here above under point 6.2.7.
- Property, plant and equipment related expenses: **EUR 1 985 666.09** refers to the yearly depreciation of fixed assets and the cost for building rent, maintenance and security.
- Other administrative expenses: the amount of **EUR 14 242 037.36** includes mainly the following items:

	2023	2022	Variation
IT costs – operational/support	4 273 936.34	4 011 602.54	262 333.80
IT costs - development	1 182 960.89	882 896.57	300 064.32
Missions	2 242 585.73	1 313 947.63	928 638.10
Legal expenses	1 277 092.20	6 219 229.20	-4 942 137.00
Office supplies & maintenance	1 266 832.05	652 980.93	613 851.12
Training	779 519.16	513 078.37	266 440.79
Service level agreement with EU Paymaster Office/DG HR	585 967.60	434 566.51	151 401.09
Experts and related expenditure	573 488.02	401 952.30	171 535.72
Interim staff	544 642.76	900 531.15	-355 888.39
Communications & publications	284 429.89	505 992.50	-221 562.61
Recruitment	100 395.45	39 387.08	61 008.37
Car and transport expenses	42 476.64	30 977.72	11 498.92
Interest expense on late payment	27 634.34	6 102.83	21 531.51

Fig. 10 Other Administrative Expenses

6.4. Off Balance Sheet Items and Notes

6.4.1. Contingent Assets

A contingent asset is a possible asset that arises from past events and the existence of which will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of F4E. A contingent asset is disclosed when an inflow of economic benefits or service potential is probable.

Contingent assets are assessed at each balance sheet date to ensure that developments are appropriately reflected in the financial statements. If it has become virtually certain that an inflow of economic benefits or service potential will arise and the asset's value can be measured reliably, the asset and the related revenue are recognised in the financial statements of the period in which the change occurs.

Performance guarantees

Guarantees are possible assets (or obligations) that arise from past events and whose existence will be confirmed by the occurrence or non-occurrence of the object of the guarantee. Performance guarantees received can thus qualify as contingent assets. A guarantee is settled when the object of the guarantee no longer exists. It is crystallised when the conditions are fulfilled for calling a payment from the guarantor.

Performance guarantees are sometimes requested to ensure that beneficiaries of F4E funding meet the obligations of their contracts with F4E.

Description	31.12.2023	31.12.2022
Performance guarantees	139 629 524.98	168 242 435.58

Fig. 11 Performance guarantees

Other

An operational contract has been terminated for cause in 2019. F4E has a contractual entitlement to recover all the sums paid, as well as to claim damages suffered that amounts in total to EUR 6.4 million approximately. So far, no commercial agreement has been reached and both parties agreed to initiate a mediation process (as a last step to reach a settlement agreement). There is a high probability that if no agreement is reached by the end of the year 2024, it will go to litigation.

To be noted that as per legal opinion of an external firm, the likelihood to win the case if F4E goes to the court and have the sums/damages recovered fully or partially is between 70-90%.

6.4.2. Contingent Liabilities and Significant Legal Commitment

Contingent liabilities - TB04 Contract

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 F4E; 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
 - The amount of the obligation cannot be measured with sufficient reliability.

On 8 July 2013, F4E and the TB04 Contractor entered into a contract for the Design, Construction and Maintenance of the HVAC (Heating, Ventilation & Air Conditioning), Electrical, I&C (Instrumentation and Control) Handling Equipment and Gas and Liquid Networks for the Tokamak Complex and Surrounding Buildings (the TB04 Contract).

The scope of Works was heavily varied via Variations procedure set out in the TB04 Contract.

The TB04 Contractor has submitted a number of claims to the Engineer and has constituted a number of Disputes under the TB04 Contract.

The actual Dispute referral was issued on 5 May 2022 bringing new documents, substantiation and explanations to the same claims. The aggregate request of the TB04 Contractor is around EUR 22 million plus interest, recovery of legal fees incurred by the TB04 Contractor and payment of the adjudicators' fees by F4E.

F4E asked the external law firm White&Case LLP to review, provide legal and expert advice, represent F4E in the related proceedings and prepare the F4E submissions in relation to the Disputes.

The binding decision of the Panel was issued on 11 May 2023, together with an award of costs, according to which F4E won the adjudication against the TB04 Contractor.

F4E has nothing to pay to the TB04 Contractor and the TB04 Contractor did not receive any extension of time for completion of the works.

The decision of the Panel was brought by the TB04 Contractor before the General Court of the EU, who has the authority to review the Disputes in their entirety. While the decision of the Panel was clearly in F4E's favour, F4E decided to settle the matters in dispute with the TB04 Contractor. The settlement agreement was signed with the TB04 Contractor in December 2023, and the settlement amount (around EUR 3 million in 2023 after full recovery of the remaining advance payment amount) was paid at the end of the financial year. According to the settlement agreement, the Parties jointly requested the General Court of the EU to close the case with a view to their amicable settlement of the Disputes. The Court's confirmation is awaited.

Other – Future obligations

The information provided under this note refers to the F4E open obligations under the ITER and BA activities. Those future obligations are considered as net deficits from future operating activities and reported as significant legal commitment.

ITER is being constructed at Cadarache in the South of France. Europe supports 45.46% of the construction cost and 34% of the cost of operation, deactivation and decommissioning of the facility as well as preparing the site.

Most of the components that make up the ITER facility are to be manufactured by each of the ITER Parties and contributed in-kind to ITER through Domestic Agencies. F4E will provide components to ITER on behalf of the EU.

In addition to the in-kind procurements F4E has also an obligation to finance the transportation of the non-EU components from the entry site in France (i.e. either Fos-sur-Mer or the Marignane airport) to Cadarache. Additionally, as far as the Test Blanket System is concerned, in 2014 F4E has signed two TBM Arrangements for the delivery of two systems to the ITER site.

The contractual commitments for which budgetary commitments have not yet been placed refers to the outstanding activities which have not yet been awarded as procurement contracts to European industry.

F4E maintains an estimate of the cost of completing its obligations to ITER. This comprises the costs already committed, and the estimate of the future commitments. This is managed in EcoSys and an extract is presented to each of the biannual GB meetings.

The table below shows an update of these figures with a cut-off date of December 2023, and expressed in EUR 2008 (used as basis to ensure a comprehensive financial monitoring).

Cost Estimate at 31/12/23 (MEUR-2008 value)	Actual Commitment (1)	Estimate to Complete (2)	Estimate at Completion (3)=(1)+(2)
BA Phase 1	65.63	0.00	65.63
BA Phase 2	43.52	344.21	387.74
IFMIF/DONES Construction	0.09	197.10	197.19
ITER Construction	7 908.36	4 778.91	12 687.27
ITER Operation	0.00	1 538.20	1 538.20
ITER Support 2036-2042	0.00	241.30	241.30
TOTAL	8 017.61	7 099.73	15 117.34

Fig. 12 Cost Estimate in Commitment (in 2008 value)

The F4E Estimate at Completion (EaC) comprises two major elements – (a) the costs incurred directly by F4E and (b) the cash contributions representing the EU share of the IO costs. EaC covers the costs of the full Construction Phase and the costs of the Operations Phase and the Decommissioning Phase that will be incurred in the same timeframe. The only costs expected after 2035 are the final parts of the cash contributions towards the Operations Phase and Decommissioning Phases and the full costs of the Deactivation Phase.

The following key assumptions have been made in the compilation of the EaC :

- The requirement changes (PCR's, which have been a major problem for F4E over previous years) will be funded via the Reserve Fund or any other IO budget.
It is recognised that despite strong management pressure at IO and F4E it is impossible to reduce the rate of changes to zero. These changes may cause further delays and cost impacts to ongoing and future construction activities.
- The nuclear safety requirements: F4E is working with IO to ensure that the designs being developed respect the various nuclear safety requirements. Nevertheless, the French nuclear safety authority (ASN) has the ultimate authority and interacts only with IO, and any future changes required could have a high cost impact.
- There are no increases to the required cash contributions to IO, either in total or within each Multi-Annual Financial Framework (MFF) period, compared to the figures communicated to F4E by IO in 2023, subject to any adjustments to reflect changes to the In-kind contributions.
- The budget that will finally be allocated to F4E for the current MFF period (2021-27) is consistent to the decision made by the European Council^[1], with the associated ITER Host State (France) contribution and subsequent annual budget cuts for 2023 and 2024. No compensation for cuts to annual budget for 2023 and 2024 will be received in current MFF.
- The budget that will be allocated to F4E for the next period after 2027 is treated as undecided and management reserve for the period post 2027 is not calculated. However, the EAC for the period post 2027 is an indication of the amount of funding required.
- High level work on defining the approach to the Hot Cell complex is on-going, with updated scope to be decided on at ITER Council level where EU interests are represented by EURATOM. An exercise to re-estimate the cost of the original 2010 PA scope of Hot Cell complex was done, with a conclusion that F4E could deliver the original scope within the Project Budget available to F4E of EUR 322 million [2008], equivalent to EUR 438 million [2020].
- The current ITER baseline is obsolete and date for First Plasma was assumed to be in early 2030, while the start of the DT phase in December 2035 is maintained. This assumption will be updated when the ITER revised baseline integrating the updated schedule to First Plasma and beyond, and the updated Overall project Cost, will have been proposed by IO and approved by the ITER Council.
- F4E's internal running costs (administration costs) are allocated to the construction phase until 2029, and to the operation phase from 2030 onwards.
- No other fundamental programmatic or technical changes to ITER baseline currently under discussion were reflected in this EAC except for stoppage to Blanket First Wall Beryllium activities and shifting parts of TBM activities.

^[1] Council decision 2021/281/Euratom of 22 February 2021 Amending Decision 2007/198/Euratom establishing the European Joint Undertaking for ITER and the Development of Fusion Energy and conferring advantages upon it.

Regarding the structure, the EaC is calculated as the sum of the EaC Base and the Risk Exposure over all activities. The EaC Base is the most likely commitment estimate for a given activity, plus the cost of planned risk mitigation activities. The Risk Exposure is the estimated impact value of the risk(s), multiplied by the probability of the risk(s) associated to a given activity.

Indicatively, the estimate to complete in commitments amounts to EUR 10 104.47 million in 2023 value.

Cost Estimate at 31/12/23 (MEUR-2023 value)	Actual Commitment (1)	Estimate to Complete (2)	Estimate at Completion (3)=(1)+(2)
BA Phase 1	91.07	1.82	92.90
BA Phase 2	60.37	494.81	555.17
IFMIF/DONES Construction	0.13	284.62	284.75
ITER Construction	10 896.50	6 926.25	17 822.75
ITER Operation	0.00	2 070.22	2 070.22
ITER Support 2036-2042	0.00	326.75	326.75
TOTAL	11 048.08	10 104.47	21 152.54

Fig. 13 Cost Estimate in Commitment (in 2023 value)

In payments, the estimate to complete amounts to EUR 11 327.01 million in 2023 value.

Cost Estimate at 31/12/23 (MEUR-2023 value)	Actual Payment (1)	Estimate to be Paid (2)	Estimate at Completion (3)=(1)+(2)
BA Phase 1	87.91	4.99	92.90
BA Phase 2	30.66	524.51	555.17
IFMIF/DONES Construction	0.03	284.73	284.75
ITER Construction	9 706.93	8 115.82	17 822.75
ITER Operation	0.00	2 070.22	2 070.22
ITER Support 2036-2042	0.00	326.75	326.75
TOTAL	9 825.53	11 327.01	21 152.54

Fig. 14 Cost Estimate in Payment (in 2023 value)

More details on the actual advancement of the works achieved at the end of the year are available in the F4E Annual report 2023.

6.4.3. Guarantees for pre-financing

Guarantees are possible assets (or obligations) that arise from past events and whose existence will be confirmed by the occurrence or non-occurrence of the object of the guarantee. A guarantee is settled when the object of the guarantee no longer exists. It is crystallised when the conditions are fulfilled for calling a payment from the guarantor.

In order to avoid double-counting, guarantees received on pre-financing amounts given are not disclosed as contingent assets since these amounts are already shown as pre-financing assets in the balance sheet.

Description	31.12.2023	31.12.2022
Guarantees for pre-financing (nominal-on going)	126 842 865.16	192 973 953.42

Fig. 15 Guarantees for pre-financing

These are guarantees that F4E in certain cases requests from beneficiaries when paying out advance payments (pre-financing). There are two values to disclose for this type of guarantee, the “nominal” and the “on-going” values. For the “nominal” value, the generating event is linked to the existence of the guarantee. For the “on-going” value, the guarantee’s generating event is the pre-financing payment and/or subsequent clearings.

6.4.4. Service in-kind

Under the Host agreement with Spain, the office building used by F4E is free of charge. For the year 2023, this service in-kind amounts to EUR 2 941 161.70.

6.5. Financial Instruments

Financial instruments comprise cash, current receivables and recoverables, current payables, amounts due to and from consolidated entities. Financial instruments give rise to liquidity, credit, interest rate and foreign currency risks. Information about which and how they are managed is set out below. Pre-financings and deferrals are not included.

The carrying amounts of financial instruments are as follows:

EUR		
Financial assets	2023	2022
Receivables with Member States	13 994 283.51	27 642 694.17
All receivables with third parties including accruals (excluding deferrals)	20 901 466.82	54 989 143.37
Cash and deposits	25 000.00	25 000.00
TOTAL	34 920 750.33	82 656 837.54
Financial liabilities	2023	2022
Current payables	124 840 507.11	78 773 267.33
Other payables	0.00	0.00
Accounts payable with EU entities	1 496 811.56	1 186 246.02
TOTAL	126 337 318.67	79 959 513.35

Fig. 16 Financial Instruments

6.5.1. Liquidity Risk

Liquidity risk is the risk that arises from selling an asset; for example, the risk that a given security or asset cannot be traded quickly enough in the market to prevent a loss or meet an obligation. Liquidity risk arises from the ongoing financial obligations, including the settlement of payables.

Details of contractual maturities for assets and liabilities form an important source of information for the management of liquidity risk.

Bank accounts opened in the name of F4E may not be overdrawn. Treasury and payment operations are highly automated and rely on modern information systems. Specific procedures are applied to guarantee system security and to ensure segregation of duties in line with the FR, the internal control standards, and audit principles. EU budget principles ensure that overall cash resources for a given year are always sufficient for the execution of all payments.

F4E's liabilities have remaining contractual maturities as summarised below:

EUR				
31 December 2023	< 1 year	1 - 5 years	> 5 years	Total
Payables with third parties	124 840 507.11	0.00	0.00	124 840 507.11
Payables with consolidated entities	1 496 811.56	0.00	0.00	1 496 811.56
Total liabilities	126 337 318.67	0.00	0.00	126 337 318.67

Fig. 17 Liquidity Risk – Payables

6.5.2. Credit Risk

Credit risk is the risk of loss due to a debtor's/borrower's non-payment of a loan or other line of credit (either the principal or interest or both) or other failure to meet a contractual obligation. The default events include a delay in repayments, restructuring of borrower repayments and bankruptcy.

Treasury resources are kept with the EC since May 2019. F4E recovers contributions from Euratom and the ITER Host State in average 3 times per year to ensure appropriate cash management, taking into account payment time limits for the recovery of contributions and the total of payments executed in 2023. Requests to the EC and ITER Host State are accompanied by cash forecasts.

Following the externalisation of the treasury to the EC the counterparty risk to which F4E is exposed is minimized.

The table below shows the maximum exposure to credit risk by F4E.

EUR	
Credit quality/rating	Amount of receivables with Member States
Prime and high grade	13 994 283.51
Upper medium grade	0.00
Lower medium grade	0.00
Non-investment grade	0.00
Receivable from IO	680 284.05
EC treasury	20 147 122.03

Fig. 18 Credit Risk – Receivables

6.5.3. Market Risk

Market Risk can be split into interest rate risk and currency risk.

Interest rate risk arises from cash. F4E treasury has been externalised to the EC and consequently it is not exposed to interest rate risk. F4E's treasury does not borrow any money.

The vast majority of transactions are executed in EUR. It is recognised that exchange rates fluctuate and F4E accepts the risk and does not consider it to be material.

6.6. Related Party Disclosure

The related parties of F4E are the key management personnel. Transactions between F4E and the key management personnel take place as part of the normal operations and as this is the case, no specific disclosure requirements are necessary for these transactions in accordance with the EU Accounting rules.

Highest grade description	Grade	Number of persons of this grade
Director	AD14	1

Fig. 19 Related Party Disclosure

The transactions of F4E with key management personnel during financial year 2023 consist only of the payment of their remuneration, allowances and other entitlements in accordance with the EU Staff Regulations.

Section II. Budget Implementation 2023

7. Budget Implementation

7.1. Main Facts on the Implementation of the 2023 Budget of F4E

Commitments	73% execution of the final available budget	Final Budget: 806.98	Execution: 586.18	EUR million
	58% compared to the original budget	Original Budget: 1 018.65	Execution: 586.18	EUR million
	76% without additional revenue from ITER IO	Standard Budget: 757.09	Execution: 571.73	EUR million
	99% in individual commitments	Execution: 586.18	Ind. Commit.: 578.68	EUR million
Payments	95% execution of the final available budget	Final Budget: 631.54	Execution: 597.71	EUR million
	73% compared to the original budget	Original Budget: 820.58	Execution: 597.71	EUR million
	98% without additional revenue from ITER IO	Standard Budget: 587.45	Execution: 578.42	EUR million

Fig. 20 Budget Implementation 2023

The execution rate of F4E's final available budget for 2023 is 73% in commitments and 95% in payments. The main factors impacting F4E's ability to execute it, were largely outside of its control.

This under-execution in commitments largely stemmed from the 2016 ITER baseline, which is currently under revision by the IO. Compounding these challenges were the necessary repairs for ITER's in-kind components and the interim cessation of assembly activities. These factors collectively contributed to a slowdown in the overall project. The revised ITER baseline, projected to be established in 2024, is likely to bring forth substantial alterations in the project's scope and timeline. An F4E-EURATOM task force has been established to assess the situation and devise strategies for managing the unused appropriations that have consequently increased, as well as to mitigate the risks of their further increases.

The main consequences from the current situation of the ITER project on the 2023 implementation of F4E commitment budget are the following:

- EUR 48.4 million decrease in the 2024 Cash Contribution to IO proposed in May 2023,
- EUR 120.9 million decrease in In-Vessel programme mainly due to on-going discussions on changing the First Wall (FW) armor material from Beryllium to Tungsten,
- Delays in contract signatures or reduction achieved during the successful clarification and negotiation phase concerning the programmes for Heating and Current Drive (EUR 64.8 million), Site and Building (EUR 69.5 million) and Broader Approach (EUR 21.9 million),
- F4E has been working on establishing a more realistic project schedule based on the available technical and commercial resources. This exercise also influenced the commitment execution in 2023,
- EUR 50.3 million carry overs from 2022 linked to revenue cashed from IO that were transferred to the chapters for contributions from EURATOM (EUR 49.1 million) and ITER Host State - IHS (EUR 1.2 million).

Following the conservative approach to using global commitments requested by Euratom based on commitment forecasts for 1st quarter of 2024 (and not the full year of 2024), F4E globally committed only EUR 7.5 million covering one well advanced procurement procedure.

7.2. Evolution of the Budget

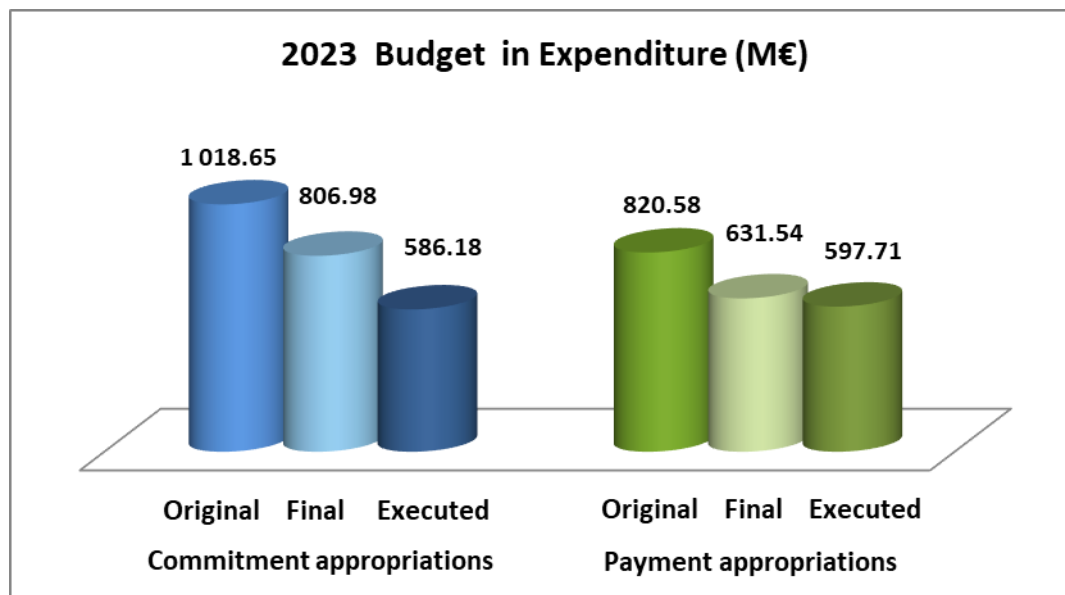


Fig. 21 Budget 2023 in Expenditure

F4E 2023 budget was originally adopted by F4E's Governing Board (GB) for the amount of EUR 1 018.6 million in commitment appropriations and EUR 820.6 million in payment appropriations.

It was modified via three amendments by F4E GB in May⁷, July and December 2023.

The final available appropriations, including the carry-over from the previous year are EUR 807.0 million in commitment appropriations and EUR 631.5 million in payment appropriations.

⁷ Amendment 1 was approved via written procedure on 16 May 2023

7.3. Statement of Revenue

7.3.1. Commitment Appropriations

(EUR)

Statement of Revenue 2023 in Commitment Appropriations		Original Budget (1)	Amendment 1 (2)	Amendment 2 (3)	Amendment 3 (4)	Final Budget (5)= ∑ (1 to 4)	Available assigned revenue (6)	Carry over (7)	Regularisation (8)	Final Available Budget (9)= ∑ (5 to 8)
1	PARTICIPATION FROM EUROPEAN UNION									
110	EURATOM CONTRIBUTION TO OPERATIONAL EXPENDITURE	766 781 095.00	-10 000 000.00		-280 000 000.00	476 781 095.00				476 781 095.00
111	RECOVERY FROM PREVIOUS YEARS OPERATIONAL EXPENDITURE					0.00			49 129 199.25	49 129 199.25
120	EURATOM CONTRIBUTION TO ADMINISTRATIVE EXPENDITURE	65 347 476.99			0.01	65 347 477.00				65 347 477.00
121	RECOVERY FROM PREVIOUS YEARS ADMINISTRATIVE EXPENDITURE	726 813.01				726 813.01				726 813.01
Title 1 - Total		832 855 385.00	-10 000 000.00	0.00	-279 999 999.99	542 855 385.01	0.00	0.00	49 129 199.25	591 984 584.26
2	OTHER CONTRIBUTIONS									
210	MEMBERSHIP CONTRIBUTIONS	7 300 000.00				7 300 000.00				7 300 000.00
220	UNITED KINGDOM CONTRIBUTION	p.m.				0.00				
Title 2 - Total		7 300 000.00	0.00	0.00	0.00	7 300 000.00	0.00	0.00	0.00	7 300 000.00
3	ASSIGNED REVENUE ACCRUING FROM THE CONTRIBUTION OF ITER HOST STATE									
310	CONTRIBUTION FROM ITER HOST STATE	178 492 669.21	93 670.41		-70 000 000.00	108 586 339.62	165 908.05	47 190 110.77	1 218 548.12	157 160 906.56
Title 3 - Total		178 492 669.21	93 670.41	0.00	-70 000 000.00	108 586 339.62	165 908.05	47 190 110.77	1 218 548.12	157 160 906.56
4	MISCELLANEOUS REVENUE									
410	MISCELLANEOUS REVENUE	p.m.			281 461.54	281 461.54	339 706.69	23 281.11		644 449.34
Title 4 - Total		p.m.	0.00	0.00	281 461.54	281 461.54	339 706.69	23 281.11	0.00	644 449.34
5	OTHER ASSIGNED REVENUE TO SPECIFIC ITEM OF EXPENDITURE									
510	OTHER REVENUE	p.m.				0.00				0.00
520	REVENUE FROM ITER ORGANIZATION	p.m.				0.00	30 713 074.77	69 521 208.83	-50 347 747.37	49 886 536.23
Title 5 - Total		p.m.	0.00	0.00	0.00	0.00	30 713 074.77	69 521 208.83	-50 347 747.37	49 886 536.23
TOTAL REVENUE		1 018 648 054.21	-9 906 329.59	0.00	-349 718 538.45	659 023 186.17	31 218 689.51	116 734 600.71	0.00	806 976 476.39

Note: Column (7) Carry Over from previous year also includes decommitments of assigned revenue done during the year 2023

Fig. 22 Evolution of Statement of Revenue in Commitment Appropriations

The evolution of statement of revenue in commitment appropriations is made of:

- The revenue collected or transferred back in the amendments to the main contributions Euratom, IHS and F4E Members. Each change in revenue is individually detailed and submitted to the GB for adoption.
- The miscellaneous revenue mainly corresponds to recoveries of undue payments. Defined as internal assigned revenue in F4E FR, it is not new additional revenue but re-collected revenue.
- The other revenue is assigned to the implementation of specific tasks, mainly requested by the IO. Defined as external assigned revenue in the F4E FR, it is new additional revenue for which the GB authorises the principle of collection, as shown with the p.m., 'pro memoria', in the original budget.

F4E reports to the GB on the status of miscellaneous and other revenue with each amendment to the annual budget, together with the carry-over from the previous year.

The main changes to the statement of revenue in commitment appropriations according to the table in Fig. 22 are the following:

- **Chapter 110: EUR -290 million** transfer back of Euratom contribution to F4E operational expenditure, due to the lower commitments execution in 2023,
- **Chapter 310: EUR -69.9 million**, including transfer back of EUR 70 million of IHS contribution due to the lower commitment execution in 2023,
- **Chapter 410: EUR +0.3 million** linked to recoveries and liquidated damages on F4E operational contracts, in commitments and payments,

The automatic carry-over of commitment appropriations from the 2022 budget, including the decommitments of commitments done in 2022 or before and regularisations, are the following:

- **Chapter 111: EUR +49.1 million** linked to regularisation from chapter 520 with the purpose to reconcile the transfer in expenditure approved with Budget Amendment 2,
- **Chapter 310: EUR +48.6 million** linked mainly to carry overs from 2022 and to the regularization from chapter 520 with the purpose to reconcile the transfer in expenditure approved with Budget Amendment 2,
- **Chapter 520: EUR +49.9 million mainly** linked to carry overs from 2022 and their regularisation along with decommitments and opened commitment appropriations for revenue coming from IO.

7.3.2. Payment Appropriations

Statement of Revenue 2023 in Payment Appropriations		Original	Amendment	Amendment	Amendment	Final	Available	Carry over	Regularisation	Final
		Budget	1	2	3	Budget	assigned			Available
		(1)	(2)	(3)	(4)	(5)= Σ (1 to 4)	revenue	(7)	(8)	Budget
							(6)			(9)= Σ (5 to 8)
1	PARTICIPATION FROM EUROPEAN UNION									
110	EURATOM CONTRIBUTION TO OPERATIONAL EXPENDITURE	598 161 524.59	-10 000 000.00		-253 999 999.59	334 161 525.00				334 161 525.00
111	RECOVERY FROM PREVIOUS YEARS OPERATIONAL EXPENDITURE	5 647 759.41				5 647 759.41			49 129 199.25	54 776 958.66
120	EURATOM CONTRIBUTION TO ADMINISTRATIVE EXPENDITURE	65 347 476.99			0.01	65 347 477.00		6 911 538.67		72 259 015.67
121	RECOVERY FROM PREVIOUS YEARS ADMINISTRATIVE EXPENDITURE	726 813.01				726 813.01				726 813.01
Title 1 - Total		669 883 574.00	-10 000 000.00	0.00	-253 999 999.58	405 883 574.42	0.00	6 911 538.67	49 129 199.25	461 924 312.34
2	OTHER CONTRIBUTIONS									
210	MEMBERSHIP CONTRIBUTIONS	7 300 000.00	109 700.00	-109 700.00		7 300 000.00				7 300 000.00
220	UNITED KINGDOM CONTRIBUTION	p.m.								
Title 2 - Total		7 300 000.00	109 700.00	-109 700.00	0.00	7 300 000.00	0.00	0.00	0.00	7 300 000.00
3	ASSIGNED REVENUE ACCRUING FROM THE CONTRIBUTION OF ITER HOST STATE									
310	CONTRIBUTION FROM ITER HOST STATE	143 400 000.00		-30 000 000.00		113 400 000.00		2 160 714.82	1 218 548.12	116 779 262.94
Title 3 - Total		143 400 000.00	0.00	-30 000 000.00	0.00	113 400 000.00	0.00	2 160 714.82	1 218 548.12	116 779 262.94
4	MISCELLANEOUS REVENUE									
410	MISCELLANEOUS REVENUE	p.m.		0.00	281 461.54	281 461.54	339 706.69	87 451.80		708 620.03
Title 4 - Total		p.m.	0.00	0.00	281 461.54	281 461.54	339 706.69	87 451.80	0.00	708 620.03
5	OTHER ASSIGNED REVENUE TO SPECIFIC ITEM OF EXPENDITURE									
510	OTHER REVENUE	p.m.				0.00		736 527.90		736 527.90
520	REVENUE FROM ITER ORGANIZATION	p.m.				0.00	26 979 145.20	67 455 002.79	-50 347 747.37	44 086 400.62
Title 5 - Total		p.m.	0.00	0.00	0.00	0.00	26 979 145.20	68 191 530.69	-50 347 747.37	44 822 928.52
TOTAL REVENUE		820 583 574.00	-9 890 300.00	-30 109 700.00	-253 718 538.04	526 865 035.96	27 318 851.89	77 351 235.98	0.00	631 535 123.83

Note: Column (7) Carry Over from previous year also includes decommitments of assigned revenue done during the year 2023

Fig. 23 Evolution of Statement of Revenue in Payment Appropriations

The breakdown of revenue by contributors in 2023 in payment appropriations is:

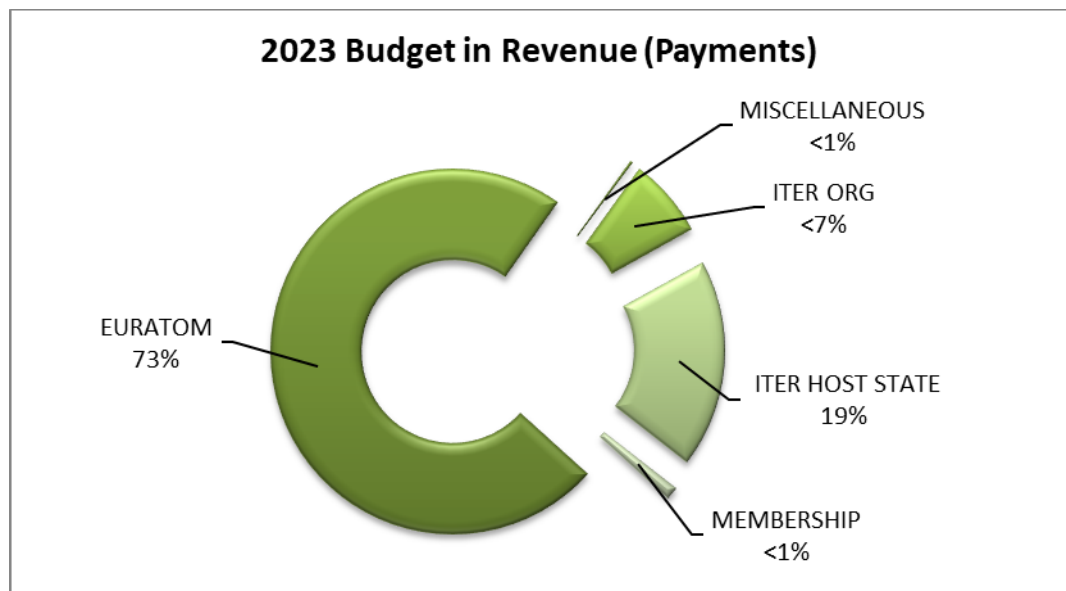


Fig. 24 Revenue Breakdown in Payment Appropriations

Main changes to the statement of revenue in payment appropriations in 2023:

EURATOM and IHS contribution were reduced by EUR 294 million in total to neutralise the lower 2023 payment execution mainly due to:

- **EUR 173.7 million** decrease of the forecasts for Cash contributions to IO, including the balance payment due for 2023 and advance payment for 2024. The reference forecast from September 2022 has been significantly impacted by reductions in cash contributions approved by ITER Council at the end of 2022 and beginning of 2023,
- **EUR 215.5 million** decrease of forecasts for ITER delivery contracts, of which EUR 70 million were executed in 2022 instead of 2023 as initially planned and EUR 145.5 million were decreased due to delays of contractor's obligations or schedule changes that affected the progress of activities within ITER project. The payments advanced and delayed relate mainly to Buildings, Heating and current drive, In-Vessel and Magnets Programmes.

In detail, per budgetary chapter, the changes are:

- **Chapter 110: EUR - 263.9 million** transfer back of Euratom contribution to F4E operational expenditure, due to the lower payment execution for 2023,
- **Chapter 310: EUR - 30 million** transfer back of IHS contribution due to the lower execution,
- **Chapter 520: EUR 26.98 million** collected from IO as assigned revenue.

The automatic carry-overs of payment appropriations from the 2022 budget and regularisations were:

- **Chapter 111: EUR +49.1 million** linked to regularisation of carry overs from chapter 520 with the purpose to reconcile the transfer in expenditure approved with Budget Amendment 2,
- **Chapter 120: EUR +6.9 million** from the automatic carry-over of administrative expenditure committed,

- **Chapter 310: EUR +3.4 million** including carry over from IHS contribution and regularisation from chapter 520,
- **Chapter 510: EUR +0.7 million** related to the integration of the Upper Port 10 within the contribution from Japan Domestic Agency,
- **Chapter 520: EUR +17.1 million** including carry-over and regularisation of revenue from IO.

7.4. Statement of Expenditure

7.4.1. Expenditure in Commitment Appropriations

The statement of expenditure adopted with the original 2023 budget was aligned to the Single Programming Document 2023-2027, in particular the *Work Programme 2023* (WP) that serves as financing decision for the operational budget 2023.

The statement of expenditure has been further adjusted with the modifications to the Statement of revenue and to the WP that were implemented through the amending budgets and with the transfers approved by the F4E Director within the limits foreseen in article 26 of the F4E FR.

The GB is duly informed about the transfers at each GB meeting, and in the Budgetary and Financial Management Report after the closure of the financial year. The appropriations accruing from assigned revenue and not used at the end of 2022 were automatically carried over to the budget 2023. No further carry-over was requested to the GB.

The final breakdown of the statement of expenditure in commitment appropriations is as follows:

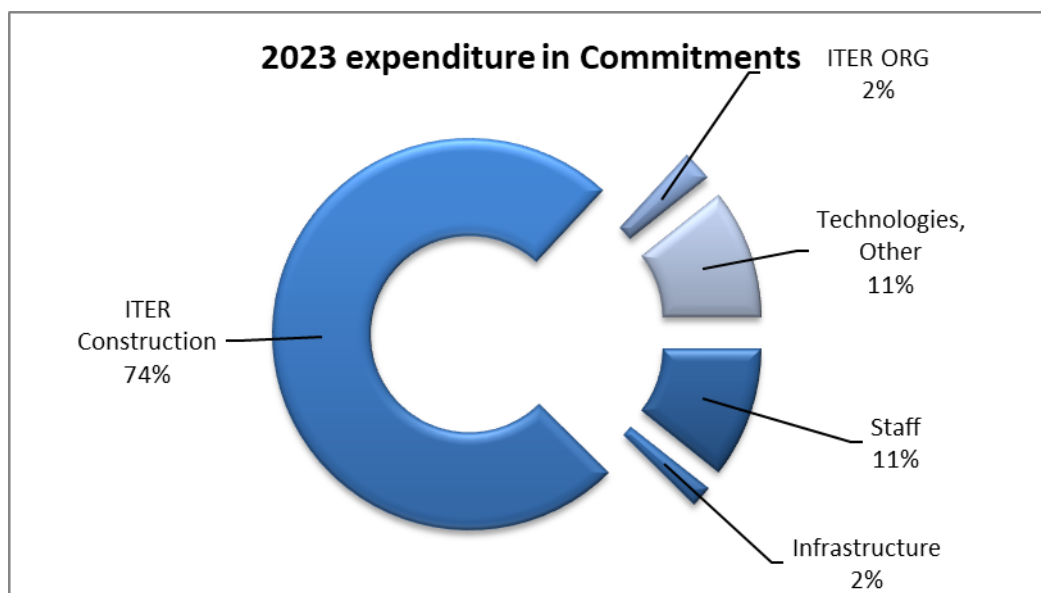


Fig. 25 Final breakdown of the Expenditure in Commitments

														(EUR)
Heading of the 2023 Budget Commitment Expenditure	Evolution of the statement of expenditure							Additional Revenue	Carried over	Final Appropriations (10)=Σ(7 to 9)	Implementation		Variation in % of the initial budget	
	Original Budget (1)	Amending budget 1 (2)	Amending budget 2 (3)	Amending budget 3 (4)	Regularisation Transfers adopted by GB (5)	Transfers adopted by F4E Director (6)	Final budget (7)=Σ(1 to 6)				Execution (11)	% (12)= (11)/(10)		
A1 STAFF EXPENDITURE														
A10 SALARIES AND ALLOWANCES FOR ESTABLISHMENT PLAN POSTS	43 500 000.00			0.01		-1 117 303.37	42 382 696.64			42 382 696.64	42 382 696.64	100.0%	-2.6%	
A11 SALARIES AND ALLOWANCES FOR EXTERNAL PERSONNEL	11 732 000.00					1 330 707.06	13 062 707.06			13 062 707.06	13 062 707.06	100.0%	11.3%	
A12 EXPENDITURE RELATING TO STAFF RECRUITMENT	836 500.00					-114 602.50	721 897.50			721 897.50	721 897.50	100.0%	-13.7%	
A13 MISSION EXPENSES	647 000.00					153 000.00	800 000.00			800 000.00	800 000.00	100.0%	23.6%	
A14 SOCIO-MEDICAL INFRASTRUCTURE	531 900.00					70 090.00	601 990.00			601 990.00	601 990.00	100.0%	13.2%	
A15 TRAINING	850 000.00					0.00	850 000.00			850 000.00	850 000.00	100.0%	0.0%	
A16 EXTERNAL SERVICES	580 000.00					50 000.00	630 000.00			630 000.00	630 000.00	100.0%	8.6%	
A17 RECEPTIONS/EVENTS AND REPRESENTATION	10 000.00					-7 500.00	2 500.00			2 500.00	2 500.00	100.0%	-75.0%	
A18 SOCIAL WEALFARE	50 000.00					11 520.00	61 520.00			61 520.00	61 520.00	100.0%	23.0%	
A19 OTHER STAFF RELATED EXPENDITURE	3 921 000.00					-397 068.01	3 523 931.99	20 963.50		3 544 895.49	3 544 895.49	100.0%	-9.6%	
TITLE A1 - Total	62 658 400.00	0.00	0.00	0.01	0.00	-21 156.82	62 637 243.19	20 963.50	0.00	62 658 206.69	62 658 206.69	100.0%	-0.0%	
A2 INFRASTRUCTURE AND OPERATING EXPENDITURE							0.00							
A21 RENTAL OF BUILDINGS AND ASSOCIATED COSTS	1 632 000.00					247 000.00	1 879 000.00	2 625.31		1 881 625.31	1 881 624.31	100.0%	15.3%	
A22 INFORMATION, COMMUNICATION TECHNOLOGY AND DATA PROCESSING	4 981 750.00					256 531.66	5 238 281.66			5 238 281.66	5 238 281.66	100.0%	5.1%	
A23 MOVABLE PROPERTY AND ASSOCIATED COSTS	387 840.00					-167 100.00	220 740.00			220 740.00	220 740.00	100.0%	-43.1%	
A24 CURRENT ADMINISTRATIVE EXPENDITURE	2 138 100.00					-354 188.45	1 783 911.55			1 783 911.55	1 783 911.55	100.0%	-16.6%	
A25 POSTAGE / TELECOMMUNICATIONS	738 500.00					-167 078.00	571 422.00			571 422.00	571 422.00	100.0%	-22.6%	
A26 MEETING EXPENSES	533 000.00					56 120.00	589 120.00			589 120.00	589 120.00	100.0%	10.5%	
A27 RUNNING COSTS IN CONNECTION WITH OPERATIONAL ACTIVITIES						0.00	0.00		14 530.88	14 530.88		0.0%	-	
A28 INFORMATION AND PUBLISHING	38 700.00					-25 700.00	13 000.00			13 000.00	13 000.00	100.0%	-66.4%	
A29 OTHER INFRASTRUCTURE AND OPERATING EXPENDITURE	266 000.00					-78 593.80	187 406.20			187 406.20	187 406.20	100.0%	-29.5%	
TITLE A2 - Total	10 715 890.00	0.00	0.00	0.00	0.00	-233 008.59	10 482 881.41	2 625.31	14 530.88	10 500 037.60	10 485 505.72	99.9%	-2.1%	
TITLE A1 & A2 - Total Administrative Expenditure	73 374 290.00	0.00	0.00	0.01	0.00	-254 165.41	73 120 124.60	23 588.81	14 530.88	73 158 244.29	73 143 712.41	100.0%	-0.3%	

														(EUR)
Heading of the 2023 Budget Commitment Expenditure	Evolution of the statement of expenditure											Implementation		Variation in % of the initial budget
	Original Budget	Amending budget 1	Amending budget 2	Amending budget 3	Regularisation Transfers adopted by GB	Transfers adopted by F4E Director	Final budget	Additional Revenue	Carried over	Final Appropriations	Execution	% (12)= (11)/(10)		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)=Σ(1 to 6)	(8)	(9)	(10)=Σ(7 to 9)	(11)			
B3 OPERATIONAL EXPENDITURE														
B31 ITER CONSTRUCTION INCLUDING SITE PREPARATION	671 627 305.00	-10 000 000.00	6 559 970.30	-254 466 462.91	49 129 199.25	-447 096.81	462 402 914.83	218 004.43	693.93	462 621 613.19	326 585 852.47	70.6%	-51.4%	
B32 TECHNOLOGY FOR ITER AND DEMO	6 136 511.00		646 077.00	-2 919 416.00		250 000.00	4 113 172.00			4 113 172.00	3 899 736.01	94.8%	-36.5%	
B33 TECHNOLOGY FOR BROADER APPROACH	58 101 587.00		-10 667 577.00	-14 139 479.00		0.00	33 294 531.00			33 294 531.00	32 798 899.08	98.5%	-43.5%	
B34 TECHNOLOGY FOR DONES	2 000 000.00		-1 050 000.00	-935 000.00		0.00	15 000.00			15 000.00	0.00	0.0%	-100.0%	
B35 EXTERNAL SUPPORT ACTIVITIES	18 738 413.00		4 431 908.20	-1 993 723.00		0.00	21 176 598.20		7 732.80	21 184 331.00	20 275 776.03	95.7%	8.2%	
B36 OTHER OPERATIONAL EXPENDITURE	10 177 279.00		79 621.50	-5 264 457.55		451 262.22	5 443 705.17	98 436.95		5 542 142.12	5 519 465.56	99.6%	-45.8%	
Title B3 - Total	766 781 095.00	-10 000 000.00	0.00	-279 718 538.46	49 129 199.25	254 165.41	526 445 921.20	316 441.38	8 426.73	526 770 789.31	389 079 729.15	73.9%	-49.3%	
B4 EARMARKED EXPENDITURE														
B41 ITER CONSTRUCTION - ITER HOST STATE CONTRIBUTION	178 492 669.21	93 670.41	0.00	-70 000 000.00	1 218 548.12		109 804 887.74	935 253.35	46 420 765.47	157 160 906.56	109 511 278.97	69.7%	-38.6%	
B42 ACTIVITIES LINKED TO ITER ORGANIZATION	p.m.				-50 347 747.37		-50 347 747.37	30 845 738.75	69 388 544.85	49 886 536.23	14 442 969.55	29.0%	-	
B43 OTHER EARMARKED EXPENDITURE	p.m.						0.00		0.00	0.00	0.00		-	
Title B4 - Total	178 492 669.21	93 670.41	0.00	-70 000 000.00	-49 129 199.25	0.00	59 457 140.37	31 780 992.10	115 809 310.32	207 047 442.79	123 954 248.52	59.9%	-30.6%	
Titles B3 & B4 - Subtotal	945 273 764.21	-9 906 329.59	0.00	-349 718 538.46	0.00	254 165.41	585 903 061.57	32 097 433.48	115 817 737.05	733 818 232.10	513 033 977.67	69.9%	-45.7%	
Total BUDGET in Commitment appropriations	1 018 648 054.21	-9 906 329.59	0.00	-349 718 538.45	0.00	0.00	659 023 186.17	32 121 022.29	115 832 267.93	806 976 476.39	586 177 690.08	72.6%	-42.5%	

Fig. 26 Evolution of the Expenditure in Commitments in 2023

Note: the figures for the budget Title 4 refer to the available appropriations for the 2023 budget only, whereas the details of the 2023 implementation by funds source provided in Fig. 39, Annex 8.4 from ABAC refers to the appropriations of the year plus the outstanding amounts on the commitments carried over from the previous years. This is due to the specific management of external assigned revenue in the accounting system.

7.4.1.1. Administrative Expenditure

The administrative expenditure are made of non-differentiated appropriations (commitment and payment appropriations are in unison), therefore any transfers or budget amendments are identical in commitment and payment appropriations.

The F4E Director approved a series of transfers resulting in a decrease of the administrative budget amounting in total to EUR -254 165.41.

The major changes (> +/-10%) in the administrative expenditure (variation of the final implementation in % of the initial budget) by chapter are:

Title 1 – Staff expenditure (+0%)

- **Chapter A11 Salaries and allowances for external personnel (+) 11%**
The increase is due to the payment of the 2023 employers pension contributions in accordance with the European Commission (EC) guidelines but not included in the draft budget. The increase is coming also from the fact that the conversion of some Contract agents positions into temporary agents posts did not take place in 2023 as priority was given to filling vacant posts,
- **Chapter A12 Expenditure relating to staff recruitment (-) 14%**
The expenses linked to taking up duties and departures (daily allowances, installation/reinstallation, removals and travel expenses) have decreased due to the lower number of requests from staff,
- **Chapter A13 Mission expenses (+) 24%**
The number of missions has been higher than forecasted following the post covid increase of travel,
- **Chapter A14 Social-Medical Infrastructure (+) 13%**
The variation is due to the increased cost of the different medical services (Annual Check-up, Psychologist on site),
- **Chapter A17 Receptions/events and representation (-) 75%**
F4E is traditionally making a very limited use of this budget chapter,
- **Chapter A18 Social Welfare (+) 23%**
This increase is linked to the number of recruitment of F4E staff and the indexation of the cost of all activities.

Title 2 – Infrastructure and operating expenditure (-2%)

- **Chapter A21 Rental of Buildings and Associated costs (+) 15%**
Increase in the costs of electricity; maintenance (cleaning); maintenance (UPS) and different common expenses,
- **Chapter A23 Movable property and associated cost (-) 43%**
Reduction mainly due to the postponed refurbishment of F4E's offices,
- **Chapter A24 Current Administrative Expenditure (-) 17%**
Savings have been made from less external expert recruitments from the External Service Provider and from some forecasted activities not done,

- **Chapter A25 Postage / Telecommunications** **(-) 23%**
Savings have been done from switching from one old telephony services (PBX infrastructure) to Teams telephony,
- **Chapter A28 Information and publishing** **(-) 66%**
The increase of the teleworking has also affected the production of publications, replaced sometimes by electronic publications/electronic information,
- **Chapter A29 Other infrastructure and operating expenditure** **(-) 30%**
The main reasons for the reduction were that less events have been organised, lower participation to events and also some events were shared with IO.

7.4.1.2. Operational Expenditure in commitment

The statement of operational expenditure was modified with the amending budgets to reflect the changes in the statement of revenue and to align the operational budget in commitment appropriations with the successive amendments to the WP.

The major changes (> +/-10%) in the Operational expenditure (variation of the final implementation in % of the original budget) are:

Title 3 – Operational expenditure (-49%)

- **Chapter B31 ITER Construction including site preparation** **(-) 51%**
Substantial reduction in different programmes as described in section 7.1. of this document,
- **Chapter B32 Technology for ITER and Demo** **(-) 36%**
The decrease is related to the delay in the signature of a task order for the TBM-sets fabrication and feasibility of assembly processes,
- **Chapter B33 Technology for Broader Approach** **(-) 44%**
The decrease is related to the postponement to 2024 of the Electron Cyclotron Resonance Heating Waveguides contract and the postponement to 2024 of stage 2 of the contract for the supply of JT-60SA actively cooled Divertor HHF elements,
- **Chapter B36 Other Operational Expenditure** **(-) 46 %**
The decrease is related to reduced needs for additional external legal service support.

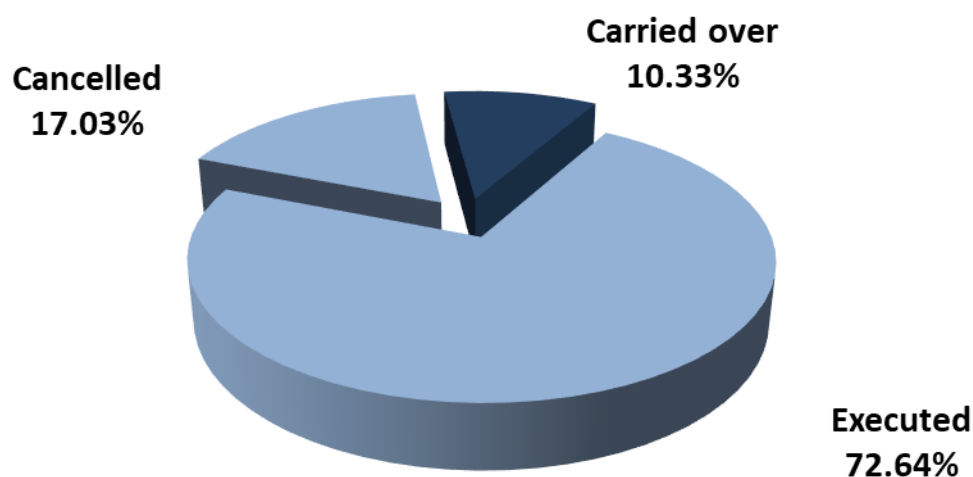
Title 4 – Earmarked expenditure

- **Chapter B41 ITER Construction – ITER Host State Contribution** **(-) 39%**
Substantial reduction in different programmes as described in section 7.1. of this document.

The budget appropriations for earmarked expenditure from IO were created based on additional revenue linked to project changes, direct implementations and other change instruments requested and financed by IO. These are described in section 7.5 of this document.

7.4.1.3. Implementation of the Budget in Commitments

Commitments 2023: 807 M€



MEUR	Budget	Cancelled	Carried over	Executed
Commitment 2023	807.0	137.5	83.3	586.2

Fig. 27 Implementation of the Budget in Commitments

As per Art. 12 of F4E's FR, given the needs of the Joint Undertaking, the cancelled appropriations may be entered in the estimate of revenue and expenditure of the following financial years.

7.4.1.4. Open Commitments at 31 December 2023

The F4E open commitments amount to EUR 1 194.9 million at the closure of the 2023 budget, representing a decrease of about EUR 79 million compared to the end of 2022.

Remarks:

- EUR 8.0 million out of the EUR 8.1 million committed globally in 2022 were implemented in 2023 as the on-going procurement procedures have been concluded,
- F4E made use of global commitment in 2023 for a total amount of EUR 7.5 million, for implementation in individual commitment in 2024. They are included in the total of the F4E obligations/open commitments at the end of 2023.

2023 budget Heading	(EUR)				
	from previous years (1)	from 2023 budget (2)	Open Commitments Total (3)=(1)+(2)	To be de-committed (4)	Net Total (5)=(3)-(4)
TITLE 1 - STAFF EXPENDITURE	0.00	1 992 053.98	1 992 053.98	0.00	1 992 053.98
TITLE 2 - INFRASTRUCTURE AND OPERATING EXPENDITURE	30 076.31	3 687 082.03	3 717 158.34	15 545.43	3 701 612.91
Total TITLE 1 & 2	30 076.31	5 679 136.01	5 709 212.32	15 545.43	5 693 666.89
B31 - ITER CONSTRUCTION INCLUDING SITE PREPARATION	569 673 615.15	267 502 173.77	837 175 788.92	0.00	837 175 788.92
B32 - TECHNOLOGY FOR ITER AND DEMO	3 422 703.45	3 460 176.27	6 882 879.72	0.00	6 882 879.72
B33 - TECHNOLOGY FOR BROADER APPROACH	15 667 239.19	16 154 526.70	31 821 765.89	0.00	31 821 765.89
B35 - EXTERNAL SUPPORT ACTIVITIES	15 984 656.19	14 974 757.93	30 959 414.12	0.00	30 959 414.12
B36 - OTHER OPERATIONAL EXPENDITURE	0.00	3 159 842.04	3 159 842.04	0.00	3 159 842.04
Total TITLE 3	604 748 213.98	305 251 476.71	909 999 690.69	0.00	909 999 690.69
B41 - ITER CONSTRUCTION - ITER HOST STATE CONTRIBUTION	183 706 872.59	76 771 263.44	260 478 136.03	0.00	260 478 136.03
B42 - ACTIVITIES LINKED TO ITER ORGANIZATION	11 179 764.81	7 146 738.46	18 326 503.27	0.00	18 326 503.27
B43 - OTHER EARMARKED EXPENDITURE	388 991.47	0.00	388 991.47	0.00	388 991.47
Total TITLE 4	195 275 628.87	83 918 001.90	279 193 630.77	0.00	279 193 630.77
Total TITLE 3 & 4	800 023 842.85	389 169 478.61	1 189 193 321.46	0.00	1 189 193 321.46
Total	800 053 919.16	394 848 614.62	1 194 902 533.78	15 545.43	1 194 886 988.35

Fig. 28 Open Commitments Carried Forward from 2023 to 2024

7.4.1.5. Status of Unused Commitment Appropriations

According to the annuality principle of the F4E FR, the unused commitment appropriations at the end of each year and the de-commitments made on the budget of the previous years are cancelled, except for assigned revenue. The F4E FR also foresees the possibility to make the cancelled appropriations available again in future F4E budgets⁸. The situation for unused appropriations at 31/12/2023 is as follows:

(EUR)				
Operational Commitment Appropriations		Budgets (Title 3)	Assigned revenue (Title 4)	Total
Under execution (since 2008)	+	299 729 747.47	219 257 369.59	518 987 117.06
De-commitments (since 2008)	+	1 131 920 100.86	218 067 985.22	1 349 988 086.08
Carry-over (since 2008)	-	782 811.10	219 257 369.59	220 040 180.69
Made available again (since 2008)	-	765 632 662.39	134 974 790.95	900 607 453.34
Amount available for future budgets	=	665 234 374.84	83 093 194.27	748 327 569.11

Fig. 29 Status of Unused Commitment Appropriations

⁸ Article 12.1 F4E FR : "...Given the needs of the Joint Undertaking, the cancelled appropriations may be entered in the estimates of revenue and expenditure of the following financial years, in accordance with Article 32".

In 2023, the amount available for future budgets increased from EUR 577.7 million to EUR 748.3 million. See section 7.1 of this document, which provides the list of main factors contributing to this significant increase.

7.4.2. Expenditure in Payment Appropriations

The statement of expenditure was modified in the course of its implementation in accordance with the successive changes in the statement of revenue. Additional adjustments between budgetary chapters were implemented through transfers authorised by the F4E Director, to honour all contractual obligations toward suppliers and to reach the highest possible rate of budget implementation at the year-end.

Heading of the 2023 Budget Payment Expenditure	Evolution of the statement of expenditure										Implementation				Variation in % of the original budget
	Original Budget (1)	Amending budget 1 (2)	Amending budget 2 (3)	Amending budget 3 (4)	Regularisation Transfers adopted by GB (5)	Transfers adopted by F4E Director (6)	Final budget (7)=Σ(1 to 6)	Additional Revenue (8)	Carried over (9)	Final Appropriations (10)=Σ(7 to 9)	On B2023 commitments (11)	On B2022 commitments (12)	Execution (13)=(11)+(12)	% (14)= (13)/(10)	
A1 STAFF EXPENDITURE															See commitments
A10 SALARIES AND ALLOWANCES FOR ESTABLISHMENT PLAN POSTS	43 500 000.00	109 700.00	-109 700.00	0.01		-1 117 303.37	42 382 696.64		1 700 000.00	44 082 696.64	42 292 696.63	1 559 616.78	43 852 313.41	99.5%	
A11 SALARIES AND ALLOWANCES FOR EXTERNAL PERSONNEL	11 732 000.00					1 330 707.06	13 062 707.06		611 183.12	13 673 890.18	12 905 703.67	555 432.16	13 461 135.83	98.4%	
A12 EXPENDITURE RELATING TO STAFF RECRUITMENT	836 500.00					-114 602.50	721 897.50		66 163.63	788 061.13	684 570.16	20 487.05	705 057.21	89.5%	
A13 MISSION EXPENSES	647 000.00					153 000.00	800 000.00		74 090.44	874 090.44	722 494.39	64 426.46	786 920.85	90.0%	
A14 SOCIO-MEDICAL INFRASTRUCTURE	531 900.00					70 090.00	601 990.00		208 399.22	810 389.22	440 202.17	169 608.57	609 810.74	75.2%	
A15 TRAINING	850 000.00					0.00	850 000.00		387 124.24	1 237 124.24	244 059.68	342 502.82	586 562.50	47.4%	
A16 EXTERNAL SERVICES	580 000.00					50 000.00	630 000.00		269 786.06	899 786.06	523 423.39	153 412.49	676 835.88	75.2%	
A17 RECEPTIONS/EVENTS AND REPRESENTATION	10 000.00					-7 500.00	2 500.00		3 548.81	6 048.81	1 151.54	0.00	1 151.54	19.0%	
A18 SOCIAL WELFARE	50 000.00					11 520.00	61 520.00		27 151.98	88 671.98	50 855.90	9 996.43	60 852.33	68.6%	
A19 OTHER STAFF RELATED EXPENDITURE	3 921 000.00					-397 068.01	3 523 931.99	20 963.50	285 636.85	3 830 532.34	2 800 995.18	144 525.01	2 945 520.19	76.9%	
TITLE A1 - Total	62 658 400.00	109 700.00	-109 700.00	0.01	0.00	-21 156.82	62 637 243.19	20 963.50	3 633 084.35	66 291 291.04	60 666 152.71	3 020 007.77	63 686 160.48	96.1%	
A2 INFRASTRUCTURE AND OPERATING EXPENDITURE													0.00		
A21 RENTAL OF BUILDINGS AND ASSOCIATED COSTS	1 632 000.00					247 000.00	1 879 000.00	2 625.31	596 969.24	2 478 594.55	1 322 125.70	472 119.88	1 794 245.58	72.4%	
A22 INFORMATION, COMMUNICATION TECHNOLOGY AND DATA PROCESSING	4 981 750.00					256 531.66	5 238 281.66		1 482 533.92	6 720 815.58	3 366 648.20	1 290 260.63	4 656 908.83	69.3%	
A23 MOVABLE PROPERTY AND ASSOCIATED COSTS	387 840.00					-167 100.00	220 740.00		73 016.31	293 756.31	76 845.76	51 007.74	127 853.50	43.5%	
A24 CURRENT ADMINISTRATIVE EXPENDITURE	2 138 100.00					-354 188.45	1 783 911.55		636 914.60	2 420 826.15	1 181 030.57	500 037.80	1 681 068.37	69.4%	
A25 POSTAGE / TELECOMMUNICATIONS	738 500.00					-167 078.00	571 422.00		240 434.89	811 856.89	380 078.88	90 937.25	471 016.13	58.0%	
A26 MEETING EXPENSES	533 000.00					56 120.00	589 120.00		160 574.08	749 694.08	348 556.37	117 526.94	466 083.31	62.2%	
A27 RUNNING COSTS IN CONNECTION WITH OPERATIONAL ACTIVITIES						0.00	0.00		14 530.88	14 530.88			0.00	0.0%	
A28 INFORMATION AND PUBLISHING	38 700.00					-25 700.00	13 000.00		3 770.85	16 770.85	8 806.59	6.71	8 813.30	52.6%	
A29 OTHER INFRASTRUCTURE AND OPERATING EXPENDITURE	266 000.00					-78 593.80	187 406.20		84 240.43	271 646.63	114 331.62	62 031.48	176 363.10	64.9%	
TITLE A2 - Total	10 715 890.00	0.00	0.00	0.00	0.00	-233 008.59	10 482 881.41	2 625.31	3 292 985.20	13 778 491.92	6 798 423.69	2 583 928.43	9 382 352.12	68.1%	
TITLE A1 & A2 - Total Administrative Expenditure	73 374 290.00	109 700.00	-109 700.00	0.01	0.00	-254 165.41	73 120 124.60	23 588.81	6 926 069.55	80 069 782.96	67 464 576.40	5 603 936.20	73 068 512.60	91.3%	

Heading of the 2023 Budget Payment Expenditure	Evolution of the statement of expenditure										Implementation				Variation in % of the initial budget
	Original Budget (1)	Amending budget 1 (2)	Amending budget 2 (3)	Amending budget 3 (4)	Regularisation Transfers adopted by GB (5)	Transfers adopted by F4E Director (6)	Final budget (7)=Σ(1 to 6)	Additional Revenue (8)	Carried over (9)	Final Appropriations (10)=Σ(7 to 9)	On B2023 commitments (11)	On B2022 commitments (12)	Execution (13)=(11)+(12)	% (14)= (13)/(10)	
B3 OPERATIONAL EXPENDITURE															
B31 ITER CONSTRUCTION INCLUDING SITE PREPARATION	547 009 284.00	-10 000 000.00		-253 718 538.05	49 129 199.25	6 805 482.53	339 225 427.73	218 004.43	693.93	339 444 126.09	339 443 432.16	693.93	339 444 126.09	100.0%	-37.9%
B32 TECHNOLOGY FOR ITER AND DEMO	5 300 000.00					-1 920 865.52	3 379 134.48			3 379 134.48	3 379 134.38		3 379 134.38	100.0%	-36.2%
B33 TECHNOLOGY FOR BROADER APPROACH	31 000 000.00					-7 200 730.43	23 799 269.57			23 799 269.57	23 799 269.57		23 799 269.57	100.0%	-23.2%
B34 TECHNOLOGY FOR DONES	500 000.00					-500 000.00	0.00			0.00	0.00		0.00		-100.0%
B35 EXTERNAL SUPPORT ACTIVITIES	15 000 000.00					2 820 278.83	17 820 278.83		20 833.08	17 841 111.91	17 820 278.83	20 833.08	17 841 111.91	100.0%	18.9%
B36 OTHER OPERATIONAL EXPENDITURE	5 000 000.00					250 000.00	5 250 000.00	98 436.95	51 070.41	5 399 507.36	5 214 761.71	51 070.41	5 265 832.12	97.5%	5.3%
Title B3 - Total	603 809 284.00	-10 000 000.00	0.00	-253 718 538.05	49 129 199.25	254 165.41	389 474 110.61	316 441.38	72 597.42	389 863 149.41	389 656 876.65	72 597.42	389 729 474.07	100.0%	-35.5%
B4 EARMARKED EXPENDITURE													0.00		
B41 ITER CONSTRUCTION - ITER HOST STATE CONTRIBUTION	143 400 000.00		-30 000 000.00		1 218 548.12		114 618 548.12	0.00	2 160 714.82	116 779 262.94	115 279 262.94		115 279 262.94	98.7%	-19.6%
B42 ACTIVITIES LINKED TO ITER ORGANIZATION	p.m.				-50 347 747.37		-50 347 747.37	26 979 145.20	67 455 002.79	44 086 400.62	19 284 882.82		19 284 882.82	43.7%	-
B43 OTHER EARMARKED EXPENDITURE	p.m.						0.00	0.00	736 527.90	736 527.90	347 536.43		347 536.43	47.2%	-
Title B4 - Total	143 400 000.00	0.00	-30 000 000.00	0.00	-49 129 199.25	0.00	64 270 800.75	26 979 145.20	70 352 245.51	161 602 191.46	134 911 682.19	0.00	134 911 682.19	83.5%	-5.9%
Titles B3 & B4 - Subtotal	747 209 284.00	-10 000 000.00	-30 000 000.00	-253 718 538.05	0.00	254 165.41	453 744 911.36	27 295 586.58	70 424 842.93	551 465 340.87	524 568 558.84	72 597.42	524 641 156.26	95.1%	-29.8%
Total BUDGET in Payment appropriations	820 583 574.00	-9 890 300.00	-30 109 700.00	-253 718 538.04	0.00	0.00	526 865 035.96	27 319 175.39	77 350 912.48	631 535 123.83	592 033 135.24	5 676 533.62	597 709 668.86	94.6%	-27.2%

Fig. 30 Evolution of the Expenditure in Payment Appropriations

7.4.2.1. Administrative Expenditure

As mentioned previously, the administrative expenditure are of non-differentiated nature with the following consequences:

- The main changes made during the year compared to the original budget are identical in commitment and in payment. The changes for the 2023 budget are described in section 7.4.1.1,
- The statement of expenditure in payment appropriations includes the carry-over of appropriations corresponding to administrative contracts committed but not yet paid at the end of the previous year. This carry-over amounted to EUR 6 926 069.55,
- The current budget committed but not paid at the end of the year is automatically carried over and entered in the statement of expenditure of the following year (total amount of EUR 5 693 667.89).

7.4.2.2. Operational Expenditure in payments

The budget for operational expenditure was reduced by 35 % compared to the original budget due to the lower payment implementation.

Title 3 – Operational expenditure

- **Chapter B31 ITER Construction including site preparation** **(-) 38%**
Substantial reduction of IO cash contribution and the various programmes as described in section 7.1. of this document,
- **Chapter B32 Technology for ITER and Demo** **(-) 36%**
The decrease is related to procurement implementation issue, postponing contract signature from 2023 to 2024 and the initially forecasted TBM fund cash contribution was not requested by IO for 2023,
- **Chapter B33 Technology for Broader Approach** **(-) 23%**
The decrease is related to the technical issues with the supply of JT-60SA actively cooled divertor elements and the delay in the second set of Power Supply. Delay in provision of documentation and delay in placement of contracts due to change in priorities which caused delays in payments,
- **Chapter B34 Technology for DONES** **(-100) %**
The decrease is related to the delay in the signature of the contract for the RFQ Couplers, that will only happen in the first half of 2024, as well as the fact that all the other service/support contracts for DONES were committed under chapter B35,
- **Chapter B35 External Support Activities** **(+) 19%**
The increase is related to additional external support needs in most of the F4E's Programme Teams.

Title 4 – Earmarked expenditure

The budget from the IHS, allocated to the domain of ITER construction in full, was reduced by EUR 30 million due to reasons explained in section 7.1. The Budget chapters for other earmarked expenditure and from IO arose from the cashing of the respective call for funds.

7.4.2.3. Implementation of the budget in payment

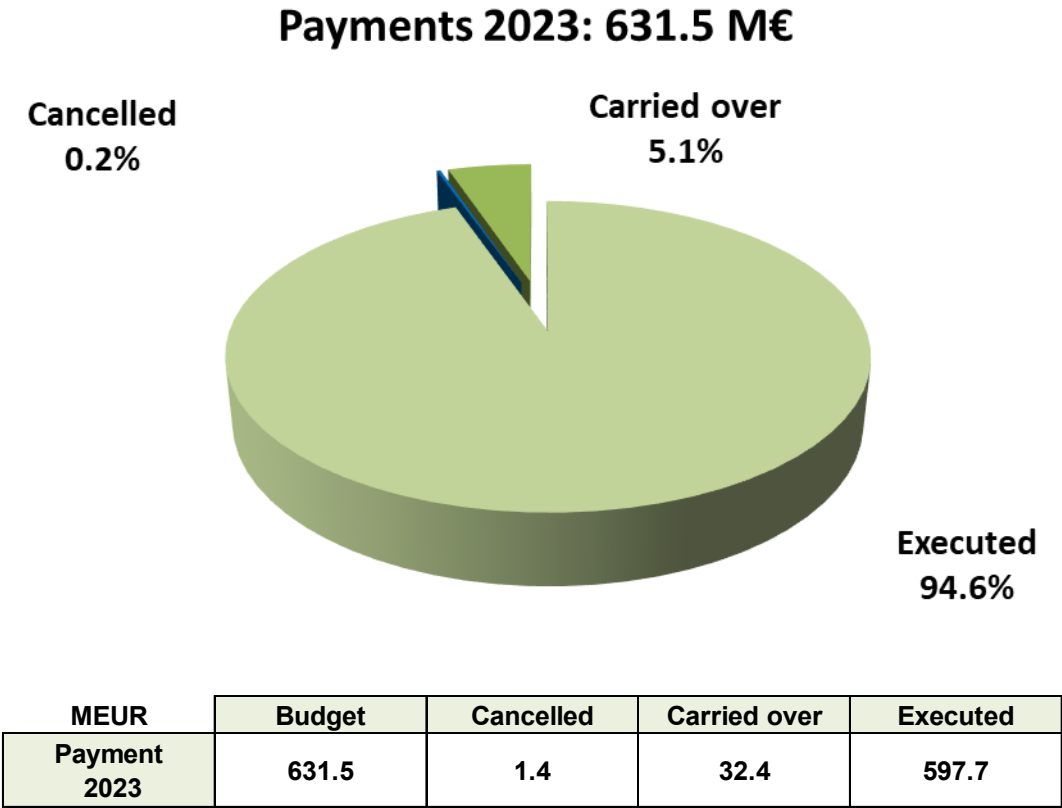


Fig. 31 Final Implementation in PA

94.6% of the available budget has been implemented.

7.4.2.4. Cancelled Payment Appropriations

2023 budget Heading	(EUR)		
	Unused Appropriations (1)	Carry over to 2024 (2)	Cancelled appropriation (3)=(1)-(2)
TITLE 1 - STAFF EXPENDITURE	2 605 130.56	1 992 053.98	613 076.58
TITLE 2 - OPERATING EXPENDITURE	4 396 139.80	3 701 613.91	694 525.89
Total TITLE 1 & 2 Payment	7 001 270.36	5 693 667.89	1 307 602.47
TITLE 3 - OPERATIONAL EXPENDITURE	133 675.34	12 676.56	120 998.78
TITLE 4 - EARMARKED EXPENDITURE	26 690 509.27	26 690 509.27	0.00
Total TITLE 3 & 4 Payment	26 824 184.61	26 703 185.83	120 998.78
Total BUDGET in Payment	33 825 454.97	32 396 853.72	1 428 601.25

Fig. 32 Cancelled Payment Appropriations

The payment appropriations not used by the 31/12/2023 are cancelled except the amount automatically carried over for non-differentiated appropriations (Title 1 and Title 2) and assigned revenue, according to the F4E FR.

7.4.3. Additional Information on the Final Implementation of the 2022 Budget**7.4.3.1. Final Implementation of the Administrative Expenditure 2022**

The definitive execution of the administrative budget 2022 is determined at the end of 2023, when the amounts carried over from the previous year corresponding to administrative actions committed but not yet paid are executed or cancelled. The execution of the payment appropriations carried over is shown with the implementation of the statement of expenditure above, column (12) of Fig.30.

The final execution of the 2022 administrative budget is therefore as follows:

(EUR)	Title 1	Title 2	Total
Final 2022 Administrative Budget	67 255 901.16	8 086 063.81	75 341 964.97

Fig. 33 Final Implementation of the Administrative Expenditure 2022**7.4.3.2. Global Commitments from 2022**

No global commitments remained open at the end of 2023.

7.5. Tasks financed by the ITER Organization

F4E budget coming from Assigned Revenue funds is used to finance the costs of changes requested by IO and according to the procedures established by them. This also facilitates a proper management of tasks financed by IO. In 2023 F4E continued to collect revenue for any tasks requested and financed by IO.

The new commitment appropriations opened in 2023 represented a total amount of EUR 30.8 million. The payments recovered from IO represented a total amount of EUR 26.9 million.

The regularisation which started in 2022, continued in 2023 with a budget transfer of EUR 50,3 million both in commitment and payment appropriations from the revenue from IO (chapter B42) to the appropriations of Euratom (chapter B31) and of the IHS (chapter B41) previously used to cover the urgency of the requested changes.

More details about tasks financed by the IO are provided in Annex 8.1.

7.6. Budget Outturn Account 2023

The outturn for the financial year is calculated according to the total revenue actually cashed minus the total payment incurred during the year, minus the appropriations carried over to the following year.

		(EUR)	
Budget Outturn Account		2023	2022
REVENUE			
Euratom contribution	+	405 883 574.42	597 940 017.09
ITER Host state contributions	+	113 400 000.00	148 800 000.00
Membership contributions	+	7 069 300.00	6 590 300.00
ITER Organization	+	26 979 145.20	76 973 579.10
Other revenue	+	837 148.61	355 276.17
Other non budgeted revenue	+	79 383.48	339 540.24
TOTAL REVENUE (a)		554 248 551.71	830 998 712.60
EXPENDITURE			
<i>Title I: Staff</i>			
Payments	-	60 666 152.71	64 235 893.39
Appropriations carried over to the following year	-	1 992 053.98	3 633 084.35
<i>Title II: Infrastructure Expenditure</i>			
Payments	-	6 798 423.69	5 502 135.38
Appropriations carried over to the following year	-	3 701 613.91	3 292 985.20
<i>Title III: Operational Expenditure</i>			
Payments	-	389 729 474.07	528 289 679.49
Appropriations carried over to the following year	-	12 676.56	72 597.42
<i>Title IV Earmarked revenue</i>			
Payments	-	134 911 682.19	163 858 565.96
Appropriations carried over to the following year	-	26 690 509.27	70 352 245.51
<i>Total Payments (b)</i>		<i>592 105 732.66</i>	<i>761 886 274.22</i>
<i>Appropriations carried over to the following year (c)</i>		<i>32 396 853.72</i>	<i>77 350 912.48</i>
TOTAL EXPENDITURE (d)=(b)+(c)		624 502 586.38	839 237 186.70
OUTTURN FOR THE FINANCIAL YEAR (a-d)		-70 254 034.67	-8 238 474.10
Cancellation of unused payment appropriations carried over from previous year	+	1 307 602.47	950 730.26
Adjustment for carry-over from the previous year of appropriations available at 31.12 arising from assigned revenue	+	70 439 373.81	8 468 314.19
Exchange differences for the year (gain +/-loss -)	+/-	3 869.95	5 675.67
BALANCE OF THE OUTTURN ACCOUNT FOR THE FINANCIAL YEAR		1 496 811.56	1 186 246.02
Of which Administrative expenditure		1 328 726.25	957 742.88
Of which Operational expenditure		168 085.31	228 503.14
Administrative outturn:			
Exchange differences for the year		3 869.95	5 675.67
Cancelled appropriation on title 1 and 2 from current year		0.00	0.00
Cancelled appropriation on title 1 and 2 from previous year		1 307 602.47	950 730.26
Non budgeted revenue from liquidated damages and Court decisions		17 253.83	1 336.95
Operational outturn:			
Cancelled payment appropriations on title 3 from 2021		120 998.78	0.00
Uncashed membership contribution from the year		-230 700.00	-109 700.00
Uncashed budgeted amount of the Euratom Contribution			-0.15
Non budgeted revenue from liquidated damages and Court decisions		277 786.53	338 203.29

Fig. 34 Budget Outturn 2023

For the 2023 financial year, the balance of the budget outturn amounts to EUR 1 496 811.56.

8. Annexes

8.1. Commitment Appropriations for assigned revenue from IO opened in 2023

Forecast of Revenue - Description - Commitment appropriations opened in 2023	OBS	Amount (EUR)
DI-216795 PBS15 012023 - EUPA notification implementation relative to Vacuum Vessel sector 2 PS3 Manufacturing works instruction	IP.SB	74 159.28
DI-02.2 (BIPSDI-01) - PA 6.2.P2.EU.02 FFRS - Tokamak complex, embedments to B11, NB CELL (L2 Level) VVPSS Relief line	IP.SB	22 784.25
DI-06 - PA 6.2.P2.EU.02 FFRS - Tokamak complex, MASS provision in B11-L5-01 for PBS 24 equipment	IP.SB	20 240.00
DI-08 - PA6.2.P2.EU.02 FFRS - Tokamak complex - PIM-432 (NBCELL VV Ports Seismic dampers, implementation of couplers AT B11, L1 Level	IP.SB	47 869.63
DI-22 Site work instruction for PBS 61 Works by TB16 - Preparation of the B51 heavy crane platform	IP.SB	56 944.23
DI-23 - PA 6.2.P2.EU.02 FFRS - Site work instruction for PBS 63.51 Works by TB03 - Instruction for lifting and handling in B51 building	IP.SB	8 000.00
DI-25 - PA 6.2.P2.EU.02 FFRS - Working instructions for storage and preservation on construction site of WDS tanks	IP.SB	15 481.40
DI-32 - PA 6.2.P2.EU.02 FFRS - Assembly hall building - IO deviation request - Embedding additional plates for SSATS (T2CK5F)	IP.SB	150 213.14
DI-34 Works by TB16 - Modifications to laydown Area between B56 & B17 (LB 17) to enable laydown and storage of Cryostat cyclinder	IP.SB	176 545.02
DI-37 Fire engineering study of Building 13 with present fire loads + regul	IP.SB	109 611.35
DI-39 - Instruction for early installation of Cryostat Drain line 26DR00-PI-1130 within Bioshield penetration at B2 Level	IP.SB	13 000.00
DI-41 - Site works instructions - PA 6.2.P2.EU.05 - clarification on preservation plan requirements for PBS 24 and PBS 26	IP.SB	47 587.63
DI-42 - PA 6.2.P2.EU.02 FFRS - Tokamak complex - Design of lintels to port cell doors	IP.SB	15 286.68
DI-47 Preparation of the IO platform for the KO-DA transformers delivery OS146	IP.SB	26 900.00
DI-52 TB16 Additional shoring in zone 10 due to late delivery of PBS 26 pipes on site (Supplement to PCRS 440 and 560)	IP.SB	78 749.03
DI-58 Works TB16 -Installation of additional Caps, Welds and supports for PBS26 in building 33 TB16 OS152	IP.SB	13 512.50
DI-62 - Construction design of plinth in building 68A.	IP.SB	16 094.64
DI-64 - PA 6.2.P2.EU.05 - Site works instruction for concrete crown closure after installation of PF4 CFT feeder	IP.SB	360 000.00
DI-75 - Modification of PBS65 compressed air pipes routing and supports in B51/52 due to PBS65.CA-PBS34 Construction interfaces issues	IP.SB	100 000.00
DI-83 Instruction to repairs works damaged by others in Area 39/ Zone 11	IP.SB	39 500.00
DI-84 - PA 6.2.P2.EU.02 - Tokamak complex, support by architect engineer - remedial actions of the NCR-TA0-057	IP.SB	240 000.00
DI-87.1 - PA 6.2.P2.EU.02 FFRS - Tokamak complex - new fire protection implementation strategy in B11 and implications on CMF instructions	IP.SB	35 414.00
DI-91 - Site works instruction - Design and cost estimate to perform an impact study on seismic pit and adjacent tunnel	IP.SB	15 000.00
DI-93 - PA 6.2.P2.EU.02 for implementatio via PA 6.2.P2.EU.05 - Instrucion to execute load assessment of existing PBS 62.14,	IP.SB	22 365.00
DI-97 Instruction for Design and cost estimate to implement urgent modifications to B34 NB HV Transformer Building and area A30	IP.SB	50 000.00
DI-100 - PA 6.2.P2.EU.02 FFRS form implementation via PA 6.2.P2.EU.05 - PBS 62.14 Tritium building	IP.SB	6 000.00
DI-102 - PA 6.2.P2.EU.02 for implementatin via PA6.2.P2.EU.05 - electrical desing impacts studies relating to EU-DA TB12 and TB13 contracts	IP.SB	25 000.00
DI-104 - PA 6.2.P2.EU.02 FFRS - Design cost estimate to implement additional urgent modifications to B34 NB HV Transformer B	IP.SB	45 000.00
DI-105 - PA 6.2.P2.EU.05 FFRS - Input for modifications to existing fire detection PBS 63.15 RF Heating building	IP.SB	9 594.00
DI-106 Design and implementation of additional urgent local modifications to Cryoline Bridge.	IP.SB	65 000.00
DI-108 ITER - Site modification PA 6.2.P2.EU.05 - Cryoline bridge cladding dismantling for cryolines installation	IP.SB	60 000.00
DI-109 Design of clash resolution of T04_11_DT_SU_0098 with PBS24 flange in B11 DTR.	IP.SB	4 500.00
DI-110 - Impact items at Tokamak complex level B2 from the post-MRR changes and out of MRR FAP items impacting building services	IP.SB	16 000.00
DI-111 - Implementation of additional urgent fire partitions in PPEN tunnels	IP.SB	87 000.00
HIT CARDS in 2019 (agreed EPB amount)	IP.SB	887 094.00
I-NC-010: PBS15 INPA IWS Components quality (EU), Umbrella cost	IP.SB	180 000.00
ITA C62TD04FE Technical requirements for provisions integrated by TB12 in building 71N to facilitate upgrade of the kitchen facilities by IO	IP.SB	100 000.00

Forecast of Revenue - Description - Commitment appropriations opened in 2023	OBS	Amount (EUR)
PCR 634 Requirement for improved cooling chemistry for heating system components in Tokamak building port cells and galleries	IP.SB	288 566.55
PCR 689 Creation of CCWS-2E (Component cooling water system) Loop by modification of CCWS-2C Loop	IP.SB	359 710.56
PCR 712 Impact on buildings above L3 on TKM complex resulting from PCR-654 (CHWS-HI piping reconfiguration)	IP.SB	149 161.15
PCR 713 (VV regularisation)	IP.VV	33 500.00
PCR 715 (Regularisation)	OP	533 422.00
PCR 720 Definition of TB16 interfaces at west end of CCWS-1 Gallery (Plates) AE DNO114; TB16 OS187 & DNO013	IP.SB	411 267.84
PCR-642 PBS 26 interfaces with TB07 Buildings (64, 67, 68A, 68B, 69 and surrounding area)	IP.SB	163 667.90
PCR 747 Requirements regularization related to nuclear safety sensors in Tokamak complex	IP.SB	61 823.71
PCR 750 Additional coupons for welding test and forming tests - AAG	IP.VV	10 000.01
PCR-751 B15 Model update and revision of the B15 TB04 schedule	IP.SB	178 192.00
PCR 757 Improvements to nuclear shielding in the Tokamak building for critical electronic protection	IP.SB	1 420 208.00
PCR 758 Installation of VV pressure suppression system and vapour suppression system tanks (VVPSS/VST)	IP.SB	166 883.01
PCR 768 Modifications to embedded plates supporting NBS equipment resulting from impact analysis of updated floor response spectra	IP.SB	109 619.00
PCR 770 VVPSS new design - impacts on second phase concrete pouring of Tokamak building	IP.SB	635 122.38
PCR 805 RFE 1B Stage1 Modifications to reflect updates in the sequence of activities	IP.SB	271 680.05
PCR 822 Tokamak complex L3 level - replacement of P700 by distributed anchors and plates	IP.SB	414 704.98
PCR 823 Airplane crash design solution in B74 roof and outer walls above L1	IP.SB	3 906 527.50
PCR 827 Installation of an additional oil retention tank on the north side of building 32.	IP.SB	127 135.58
PCR 834 Re-configuration of the leak detection system and main Torus vacuum instrumentation	IP.SB	1 279 089.00
PCR 834 Re-configuration of the leak detection system and main Torus Vacuum instrumentation (link to PCR-748)	IP.SB	80 514.89
PCR 1006 - Design adaptation of TF Coil winding cooling pipe routing	IP.SB	28 950.65
PCR 1010 Temporary openings/recesses in Tokamak complex buildings	IP.SB	1 287 353.99
PCR 1013 Move of control system train and backup server room from B24 to B44	IP.SB	3 943 337.61
PCR 1038 Provision of additional Cryogenic clients on the front end Cryo distribution (FECD) to supply DMS	IP.SB	511 640.00
PCR 1086 Revision scope baseline to include procurement and construction of B11-B1 corner shielding walls	IP.SB	119 567.90
PCR 1099 Modification of interface load for the verification of the auxiliary buildings	IP.SB	472 829.74
PCR 1106 Modifications to cargo lift requirements	IP.SB	1 168 760.00
PCR 1161 Baseline seismic FRS of TCWS 11-L3 Mezzanine and DTR Mezzanine of tokamak building	IP.SB	5 896.79
PCR 1172 - new requirement of PBS 61 - special foundations for PBS 34 - support structure for Cryolines near B52 (INOX TOWER).	IP.SB	29 595.00
PCR 1178 IO Directed change of Torus and Cryostat Cryopumping system of technical specifications after FDR	IP.CF	593 394.58
PCR 1181 Change to route of high security fence and reservation of location of emergency response building	IP.SB	90 000.00
PCR 1207 Regularization of interfaces requirements between PBS 26.CH and PBS 62 / PBS 65.	IP.SB	263 374.00
PCR 1209 Baseline of interfaces and requirements of 11-L5 SIC rooms Civil structures, related building services and supporting systems	IP.SB	87 215.72
PCR 1241	IP.IV	8 000 000.00
PCR 1261 Scope allocation of emergency response building (ERB) to IO PBS 63	IP.SB	85 754.99
PCR 1273 (Regularisation)	IP.DG	133 000.00
PCR 1291 Additional doors in B37 to ensure building cleanliness and installation sequence	IP.SB	564 558.00
PCR 1303 New construction design inputs for PBS65 and PBS 62 Staged approach implementation in Building 14 (Daughter of PCR-1245)	IP.SB	2 967 605.06
PCR 1439 - Update PBS31 Component technical specification	IP.CF	541 168.32
PCR 1440 - Update PBS31 component technical specification following manufacturing and qualification feedback	IP.CF	448 155.31
PCR 1452 Propagation B14 Baseline heat loads HVAC designer+definition technical solution to solve cooling deficits (daughter of PCR-01447)	IP.SB	104 462.00
PCR 1453 Propagation B74 baseline heat loads HVAC designer+definition technical solution to solve cooling deficits (daughter of PCR-01447)	IP.SB	18 993.00
PCR 1464 Update of PBS 53 (HNB PS) Interface requirements to PBS 61 Area 30, Building 34 and 37	IP.SB	483 817.00
PCR 1468	IP.RH	155 167.47
PCR 1471 Propagation of B11 Baseline heat loads to the HVAC designer and technical solution to solve the cooling deficits (daughter of PCR-01447)	IP.SB	113 959.00
PCR 1483 Changes Diagnostic IN-VESSEL and IN-DIVERTOR Electrical Services - Component designs and interfaces following prototype testing	IP.DG	600 000.00
PCR 1489	IP.IV	423 673.69
TB16 - Implementation of remedial actions to resolve NCRS 166 & 167 DNO#41	IP.SB	22 213.00
Subtotal		37 105 684.71
Reduction of Forecasts of Revenue created in the past as part of regularisation		-8 721 770.77
Decommitments and technical adjustments		2 461 824.81
Total		30 845 738.75

Fig. 35 Commitment Appropriations for Assigned Revenue from IO

8.2. Multi-Annual Payment Schedule for the Operational Budget

EUR

Year	Net Commitments	Paid until end of 2013	Paid in MFF 2014-2020	MFF 2021-2028			Outstanding amount
				Paid 2021	Paid 2022	Paid 2023	
<= 2007	115 445 438.21	113 121 009.41	2 324 428.80	-	-	-	-
2008	162 357 720.16	154 330 986.04	8 026 734.12	-	-	-	0.00
2009	295 658 870.68	234 711 366.38	60 244 459.12	494 543.46	-	-	208 501.72
2010	389 572 116.22	274 537 523.43	113 315 487.63	520 457.78	267 489.00	-	931 158.38
2011	370 662 303.25	224 611 776.68	138 573 486.04	227 422.68	65 267.85	-	7 184 350.00
2012	1 033 549 941.04	227 971 230.12	760 625 795.92	14 418 968.18	14 456 930.11	4 599 940.47	11 477 076.24
2013	731 253 363.26	67 053 699.98	611 806 609.36	18 485 338.22	15 653 339.40	1 701 968.12	16 552 408.18
2014	566 034 841.82	-	475 247 089.02	19 482 123.37	18 381 869.43	10 531 721.11	42 392 038.89
2015	336 471 793.19	-	323 703 676.59	3 947 737.56	2 866 937.05	593 039.16	5 360 402.83
2016	410 917 007.99	-	406 090 760.75	1 423 809.18	367 707.81	733 739.57	2 300 990.68
2017	478 593 733.70	-	433 038 187.24	19 067 695.60	9 512 936.62	5 842 281.59	11 132 632.65
2018	624 981 273.46	-	475 932 307.52	35 594 872.67	6 161 810.79	5 607 430.34	101 684 852.14
2019	652 400 329.53	-	438 734 899.59	72 880 000.06	72 301 641.32	27 636 673.09	40 847 115.47
2020	762 095 186.60	-	328 530 151.47	220 317 475.14	87 562 170.73	52 123 263.56	73 562 125.70
2021	915 763 551.22	-	-	278 124 868.81	242 964 503.48	99 341 228.12	295 332 950.81
2022	604 708 253.09	-	-	-	221 585 641.86	192 065 372.07	191 057 239.16
2023	505 533 977.67	-	-	-	-	123 864 499.06	381 669 478.61
Total	8 955 999 701.09	1 296 337 592.04	4 576 194 073.17	684 985 312.71	692 148 245.45	524 641 156.26	1 181 693 321.46

Fig. 36 Multiannual payment schedule (Operational)

- Notes :
- The actions accounted to F4E projects and implemented by the Commission and the CEA before F4E financial autonomy in 2008 are included.
 - For information, 1 448 commitment positions are open in ABAC on the 31/12/23, representing 2% less compared to the end of 2022.
 - Global commitment of EUR 7.5 million approved at the end of 2023 is not included in the table above.
 - Indicatively, the cumulative operational expenses at 31/12/23 are estimated to EUR 7 757.54 million in current value.

8.3. Reconciliation Between Budgetary and Accrual Based Accounts

	sign +/-	Amount (EUR)
Economic result (+ for surplus and - for deficit)	+/-	-172 706 188.78
<i>Adjustment for accrual items (items not in the budgetary result but included in the economic result)</i>		
Adjustments for Accrual Cut-off (reversal 31.12.N-1)	+/-	61 792 565.79
Adjustments for Accrual Cut-off (cut- off 31.12.N)	+/-	-5 146 590.25
Unpaid invoices at year end but booked in charges (class 6)	+	124 790 507.11
Depreciation of intangible and tangible assets	+	325 327.73
Provisions (impact of the year)	+/-	21 267 177.10
Recovery Orders issued in 2023 in class 7 and not yet cashed	-	-1 028 248.15
Prefinancing given in previous year and cleared in the year	+	47 753 404.51
Prefinancing received in previous year and cleared in the year	-	0.00
Payments made from carry over of payment appropriations	+	5 603 936.20
Other : 2023 corrections/credit notes on transactions booked in charges in previous years	+/-	-462 530.45
<i>Adjustment for budgetary items (item included in the budgetary result but not in the economic result)</i>		
Asset acquisitions (less unpaid amounts)	-	-285 239.73
New pre-financing paid in the year 2023 and remaining open as at 31.12.2023	-	-44 612 464.67
New pre-financing received in the year 2023 and remaining open as at 31.12.2023	+	1 496 811.56
Budgetary recovery orders issued before 2023 and cashed in the year	+	1 404 670.93
Budgetary recovery orders issued in 2023 on balance sheet accounts (not 7 or 6 accounts) and cashed	+	202 873.95
Payment appropriations carried over to 2024	-	-32 396 853.72
Cancellation of unused carried over payment appropriations from previous year	+	1 307 602.47
Adjustment for carry-over from the previous year of appropriations available at 31.12 arising from assigned revenue	+	70 439 373.81
Other : Invoices paid in 2023 but booked in charges in previous years	+/-	-78 249 194.30
Total		1 496 941.11
Budgetary result (+ for surplus)	+/-	1 496 811.56
Including amount of exchange rate differences		3 869.95
Delta not explained		129.55

Fig. 37 Reconciliation between budgetary and accrual based accounts

8.4. 2023 Budget Implementation – Details by Fund Source

Fund Source: C1 - Credits of the year (EUR)

Official Budget Item	Budget Line Description	Fund Source	Commitment			Payment		
			Credit Com Amount (1)	Commitment Accepted Amount (2)	% Committed (2)/(1)	Credit Pay Amount (4)	Payment Accepted Amount (5)	% Paid (5)/(4)
A10	SALARIES AND ALLOWANCES FOR ESTABLISHMENT PLAN POSTS	C1	42 382 696.64	42 382 696.64	100.00%	42 382 696.64	42 292 696.63	99.79%
A11	SALARIES AND ALLOWANCES FOR EXTERNAL PERSONNEL	C1	13 062 707.06	13 062 707.06	100.00%	13 062 707.06	12 905 703.67	98.80%
A12	EXPENDITURE RELATING TO STAFF RECRUITMENT	C1	721 897.50	721 897.50	100.00%	721 897.50	684 570.16	94.83%
A13	MISSION EXPENSES	C1	800 000.00	800 000.00	100.00%	800 000.00	722 494.39	90.31%
A14	SOCIO-MEDICAL INFRASTRUCTURE	C1	601 990.00	601 990.00	100.00%	601 990.00	440 202.17	73.12%
A15	TRAINING	C1	850 000.00	850 000.00	100.00%	850 000.00	244 059.68	28.71%
A16	EXTERNAL SERVICES	C1	630 000.00	630 000.00	100.00%	630 000.00	523 423.39	83.08%
A17	RECEPTIONS, EVENTS AND REPRESENTATION	C1	2 500.00	2 500.00	100.00%	2 500.00	1 151.54	46.06%
A18	SOCIAL WEALFARE	C1	61 520.00	61 520.00	100.00%	61 520.00	50 855.90	82.67%
A19	OTHER STAFF RELATED EXPENDITURE	C1	3 523 931.99	3 523 931.99	100.00%	3 523 931.99	2 787 623.18	79.11%
Total Title 1			62 637 243.19	62 637 243.19	100.00%	62 637 243.19	60 652 780.71	96.83%

Fund Source: C1 - Credits of the year (EUR)

Official Budget Item	Budget Line Description	Fund Source	Commitment			Payment		
			Credit Com Amount (1)	Commitment Accepted Amount (2)	% Committed (2)/(1)	Credit Pay Amount (4)	Payment Accepted Amount (5)	% Paid (5)/(4)
A21	RENTAL OF BUILDINGS AND ASSOCIATED COSTS	C1	1 879 000.00	1 879 000.00	100.00%	1 879 000.00	1 322 125.70	70.36%
A22	INFORMATION, COMMUNICATION TECHNOLOGY AND DATA PROCESSING	C1	5 238 281.66	5 238 281.66	100.00%	5 238 281.66	3 366 648.20	64.27%
A23	MOVABLE PROPERTY AND ASSOCIATED COSTS	C1	220 740.00	220 740.00	100.00%	220 740.00	76 845.76	34.81%
A24	CURRENT ADMINISTRATIVE EXPENDITURE	C1	1 783 911.55	1 783 911.55	100.00%	1 783 911.55	1 181 030.57	66.20%
A25	POSTAGE / TELECOMMUNICATIONS	C1	571 422.00	571 422.00	100.00%	571 422.00	380 078.88	66.51%
A26	MEETING EXPENSES	C1	589 120.00	589 120.00	100.00%	589 120.00	348 556.37	59.17%
A28	INFORMATION AND PUBLISHING	C1	13 000.00	13 000.00	100.00%	13 000.00	8 806.59	67.74%
A29	OTHER INFRASTRUCTURE AND OPERATING EXPENDITURE	C1	187 406.20	187 406.20	100.00%	187 406.20	114 331.62	61.01%
Total Title 2			10 482 881.41	10 482 881.41	100.00%	10 482 881.41	6 798 423.69	64.85%

Fund Source: C1 - Credits of the year (EUR)

Official Budget Item	Budget Line Description	Fund Source	Commitment			Payment		
			Credit Com Amount (1)	Commitment Accepted Amount (2)	% Committed (2)/(1)	Credit Pay Amount (4)	Payment Accepted Amount (5)	% Paid (5)/(4)
B31	ITER CONSTRUCTION INCLUDING SITE PREPARATION	C1	462 402 914.83	326 585 852.47	70.63%	339 225 427.73	339 225 427.73	100.00%
B32	TECHNOLOGY FOR ITER AND DEMO	C1	4 113 172.00	3 899 736.01	94.81%	3 379 134.48	3 379 134.38	100.00%
B33	TECHNOLOGY FOR BROADER APPROACH	C1	33 294 531.00	32 798 899.08	98.51%	23 799 269.57	23 799 269.57	100.00%
B34	TECHNOLOGY FOR DONES	C1	15 000.00			0.00		
B35	EXTERNAL SUPPORT ACTIVITIES	C1	21 176 598.20	20 268 043.23	95.71%	17 820 278.83	17 820 278.83	100.00%
B36	OTHER OPERATIONAL EXPENDITURE	C1	5 443 705.17	5 433 705.17	99.82%	5 250 000.00	5 129 001.32	97.70%
Total Title 3			526 445 921.20	388 986 235.96	73.89%	389 474 110.61	389 353 111.83	99.97%
Total C1			599 566 045.80	462 106 360.56	77.07%	462 594 235.21	456 804 316.23	98.75%

Fund Source: C4 - Internal assigned revenues (EUR)

Official Budget Item	Budget Line Description	Fund Source	Commitment			Payment		
			Credit Com Amount (1)	Commitment Accepted Amount (2)	% Committed (2)/(1)	Credit Pay Amount (4)	Payment Accepted Amount (5)	% Paid (5)/(4)
A19	OTHER STAFF RELATED EXPENDITURE	C4	20 963.50	20 963.50	100.00%	20 963.50	13 372.00	63.79%
Total Title 1			20 963.50	20 963.50	100.00%	20 963.50	13 372.00	63.79%
A21	RENTAL OF BUILDINGS AND ASSOCIATED COSTS	C4	2 625.31	2 624.31	99.96%	2 625.31		0.00%
Total Title 2			2 625.31	2 624.31	99.96%	2 625.31	0.00	0.00%
B31	ITER CONSTRUCTION INCLUDING SITE PREPARATION	C4	218 004.43		0.00%	218 004.43	218 004.43	100.00%
B36	OTHER OPERATIONAL EXPENDITURE	C4	98 436.95	85 760.39	87.12%	98 436.95	85 760.39	87.12%
Total Title 3			316 441.38	85 760.39	27.10%	316 441.38	303 764.82	95.99%
Total C4			340 030.19	109 348.20	32.16%	340 030.19	317 136.82	93.27%

Fund Source: C5 - Carried-over internal assigned revenues (EUR)

Official Budget Item	Budget Line Description	Fund Source	Commitment			Payment		
			Credit Com Amount (1)	Commitment Accepted Amount (2)	% Committed (2)/(1)	Credit Pay Amount (4)	Payment Accepted Amount (5)	% Paid (5)/(4)
B31	OTHER OPERATIONAL EXPENDITURE	C5	693.93		0.00%	693.93	693.93	100.00%
B35	OTHER OPERATIONAL EXPENDITURE	C5	7 732.80	7 732.80	100.00%	20 833.08	20 833.08	100.00%
B36	OTHER OPERATIONAL EXPENDITURE	C5	0.00			51 070.41	51 070.41	100.00%
Total C5			8 426.73	7 732.80	-	72 597.42	72 597.42	100.00%

Fund Source: C8 - Carried over credits from previous years (EUR)

Official Budget Item	Budget Line Description	Fund Source	Commitment			Payment		
			Credit Com Amount (1)	Commitment Accepted Amount (2)	% Committed (2)/(1)	Credit Pay Amount (4)	Payment Accepted Amount (5)	% Paid (5)/(4)
A10	SALARIES AND ALLOWANCES FOR ESTABLISHMENT PLAN POSTS	C8	1 700 000.00	1 559 616.78	91.74%	1 700 000.00	1 559 616.78	91.74%
A11	SALARIES AND ALLOWANCES FOR EXTERNAL PERSONNEL	C8	611 183.12	555 432.16	90.88%	611 183.12	555 432.16	90.88%
A12	EXPENDITURE RELATING TO STAFF RECRUITMENT	C8	66 163.63	20 487.05	30.96%	66 163.63	20 487.05	30.96%
A13	MISSION EXPENSES	C8	74 090.44	64 426.46	86.96%	74 090.44	64 426.46	86.96%
A14	SOCIO-MEDICAL INFRASTRUCTURE	C8	208 399.22	169 608.57	81.39%	208 399.22	169 608.57	81.39%
A15	TRAINING	C8	387 124.24	342 502.82	88.47%	387 124.24	342 502.82	88.47%
A16	EXTERNAL SERVICES	C8	269 786.06	153 412.49	56.86%	269 786.06	153 412.49	56.86%
A17	RECEPTIONS, EVENTS AND REPRESENTATION	C8	3 548.81	0.00	0.00%	3 548.81	0.00	0.00%
A18	SOCIAL WEALFARE	C8	27 151.98	9 996.43	36.82%	27 151.98	9 996.43	36.82%
A19	OTHER STAFF RELATED EXPENDITURE	C8	285 636.85	144 525.01	50.60%	285 636.85	144 525.01	50.60%
Total Title 1			3 633 084.35	3 020 007.77	83.13%	3 633 084.35	3 020 007.77	83.13%

Fund Source: C8 - Carried over credits from previous years (EUR)

Official Budget Item	Budget Line Description	Fund Source	Commitment			Payment		
			Credit Com Amount (1)	Commitment Accepted Amount (2)	% Committed (2)/(1)	Credit Pay Amount (4)	Payment Accepted Amount (5)	% Paid (5)/(4)
A21	RENTAL OF BUILDINGS AND ASSOCIATED COSTS	C8	596 969.24	472 119.88	79.09%	596 969.24	472 119.88	79.09%
A22	INFORMATION, COMMUNICATION TECHNOLOGY AND DATA PROCESSING	C8	1 482 533.92	1 305 806.06	88.08%	1 482 533.92	1 290 260.63	87.03%
A23	MOVABLE PROPERTY AND ASSOCIATED COSTS	C8	73 016.31	51 007.74	69.86%	73 016.31	51 007.74	69.86%
A24	CURRENT ADMINISTRATIVE EXPENDITURE	C8	636 914.60	500 037.80	78.51%	636 914.60	500 037.80	78.51%
A25	POSTAGE / TELECOMMUNICATIONS	C8	240 434.89	90 937.25	37.82%	240 434.89	90 937.25	37.82%
A26	MEETING EXPENSES	C8	160 574.08	117 526.94	73.19%	160 574.08	117 526.94	73.19%
A28	INFORMATION AND PUBLISHING	C8	3 770.85	6.71	0.18%	3 770.85	6.71	0.18%
A29	OTHER INFRASTRUCTURE AND OPERATING EXPENDITURE	C8	84 240.43	62 031.48	73.64%	84 240.43	62 031.48	73.64%
Total Title 2			3 278 454.32	2 599 473.86	79.29%	3 278 454.32	2 583 928.43	78.82%
B31	ITER CONSTRUCTION INCLUDING SITE PREPARATION	C8	909 165 487.43	850 034 062.54	93.50%	Payment appropriations under C1 Fund source		
B32	TECHNOLOGY FOR ITER AND DEMO	C8	6 371 868.09	6 362 278.09	99.85%			
B33	TECHNOLOGY FOR BROADER APPROACH	C8	23 276 155.17	22 822 136.38	98.05%			
B35	EXTERNAL SUPPORT ACTIVITIES	C8	34 648 662.44	28 524 750.00	82.33%			
B36	OTHER OPERATIONAL EXPENDITURE	C8	3 087 927.93	2 906 208.60	94.12%			
Total Title 3			976 550 101.06	910 649 435.61	93.25%			
Total C8			983 461 639.73	916 268 917.24	93.17%	6 911 538.67	5 603 936.20	81.08%

Fund Source: R0 - Assigned revenues (EUR)

Official Budget Item	Budget Line Description	Fund Source	Commitment			Payment		
			Credit Com Amount (1)	Commitment Accepted Amount (2)	% Committed (2)/(1)	Credit Pay Amount (4)	Payment Accepted Amount (5)	% Paid (5)/(4)
A27	RUNNING COSTS IN CONNECTION WITH OPERATIONAL ACTIVITIES	R0	14 530.88	0.00	0.00%	14 530.88		0.00%
Total Title 2			14 530.88	0.00	0.00%	14 530.88	0.00	0.00%
B41	ITER CONSTRUCTION - ITER HOST STATE CONTRIBUTION	R0	423 407 026.56	375 757 398.97	88.75%	116 779 262.94	115 279 262.94	98.72%
B42	ACTIVITIES LINKED TO ITER ORGANIZATION	R0	73 054 952.77	37 611 386.09	51.48%	44 086 400.62	19 284 882.82	43.74%
B43	OTHER EARMARKED EXPENDITURE	R0	736 527.90	736 527.90	100.00%	736 527.90	347 536.43	47.19%
Total Title 4			497 198 507.23	414 105 312.96	83.29%	161 602 191.46	134 911 682.19	83.48%
Total R0			497 213 038.11	414 105 312.96	83.29%	161 616 722.34	134 911 682.19	83.48%

Fig. 38 Budget Implementation – Details by Fund Source

8.5. 2023 Establishment Plan

Function group and grade	2023 Budget			
	Authorised under the EU Budget		Filled as 31/12/2023	
	Permanent posts	Temporary Posts	Permanent posts	Temporary Posts
AD 16				
AD 15		1		
AD 14	4	3	2	1
AD 13	7	9	4	2
AD 12	11	24	11	24
AD 11	3	24	1	19
AD 10	3	49	8	52
AD 9	4	50	2	41
AD 8		24		23
AD 7	1	20	1	15
AD 6		19		24
AD 5				
AD total	33	223	29	201
AST 11	2		1	
AST 10	2		1	
AST 9	2	1	4	
AST 8	1	3		1
AST 7	1	7		4
AST 6		9	2	8
AST 5	3	11	3	6
AST 4	1		1	4
AST 3		6		7
AST 2				-
AST 1				-
AST total	12	37	12	30
AST/SC total	0	0	0	0
TOTAL	45	260	41	231
GRAND TOTAL	305		272	

Fig. 39 Budget 2023 Establishment Plan

9. Glossary and Abbreviations

ABAC	Accrual Based Accounting (accounting system used by F4E and managed by the EC).
Accounts payable	Organisation's current payables due within one year. Accounts payable are current liabilities.
Accounts receivable	Organisation's current receivables due within one year. Accounts receivable are current assets
Accrual accounting	Accounting methodology that recognises income when it is earned and expenses when they occur, rather than when they are actually received or paid, as opposed to cash accounting.
Actual = Actual amounts	Budget outturn = Budget execution = Budget implementation
Assets	Assets are items owned by an individual or an organisation, which have commercial or exchange value. Assets may consist of specific property or claims against others.
BA	Broader Approach
Cash accounting	Accounting methodology based on cash flows, i.e. transactions are recognised when cash is received or paid, as opposed to accrual accounting.
Current asset	The group of assets considered to be liquid in that they can be turned into cash within one year.
Current liability	Liabilities to be paid/settled within one year of the balance sheet date. (e.g. vendor's payables, etc.).
DI	Direct implementation for tasks requested by IO
EaC	Estimate at Completion
EC	European Commission
EPB	Executive Project Board
EU	European Union
External assigned revenues	Dedicated revenue received to finance specific items of expenditure
FR	Financial regulation
Financial statements	Written reports which quantitatively describe the financial health of an organisation. They comprise the Statement of Financial Performance, the Balance Sheet, the Cash Flow Statement, the Statement of Changes in Net Assets (capital) and the explanatory notes.
GB	Governing Board
Imprest account	Bank accounts and/or cash at hand used for the payment of low value expenses.
Internal assigned revenues	Funds received for specific assigned operations and activities from amounts recovered.
IO	ITER Organisation
Liability	A financial obligation, debt, claim, payable or potential loss.
NCR	Non conformity Report is a document issued by the supplier, F4E or the Customer detailing a condition that does not comply with a specified requirement.
PA	Procurement Arrangement: the PA between F4E and IO define the F4E deliverables to IO as well as the credit allocation scheme for each deliverable under the ITER unit of account.
PCR	Project Change Request
RAL	Commitments resulting in payment appropriations remaining to be paid.
TB	Tender Batches
WP	Annual Work Programme