

Financial Report

GOOS Observations Coordination Group

Brest, France

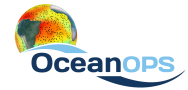
May 2024

E. Rusciano, M. Belbéoch

Special thanks to OceanOPS Management Board for inputs and review, and for the continuous secretarial support provided by IOC and WMO.

www.ocean-ops.org

Joint WMO-IOC Centre for Oceanography and Marine Meteorology
in-situ Observations Programme Support



Index

1. INTRODUCTION	3
2. OVERVIEW	4
3. CONTRIBUTIONS 2023	6
4. CONSOLIDATED 2023 ACCOUNTING	9
5. INTERIM BUDGET 2024	10
6. ANTICIPATED BUDGET 2025	12
7. CONCLUSIONS and RECOMMENDATIONS	13
8. ACKNOWLEDGEMENTS	15
9. OFFICIAL STATEMENTS	16

1. INTRODUCTION

This document provides the yearly OceanOPS financial report for calendar year 2023, the interim budget for 2024 and the anticipated budget for 2025.

The interim and anticipated budgets will be validated by OCG during the upcoming OCG-15 meeting in May 2024.

All official statements account and budget information can be requested to Emanuela Rusciano erusciano@ocean-ops.org

OceanOPS thanks all its sponsors and acknowledges their contribution to its budget on its [homepage](#)

Disclaimer

The information provided in this report could be affected by a small percentage of error due to the different currency rate exchanges in the different Trust Funds. All tables visible in this report are linked to the budget management table and can be updated. Some small discrepancies can then appear temporarily with the narrative part.

2. OVERVIEW

For several years, contributions from OCG-GOOS Networks have remained relatively stable, with a slight decrease noted after the post-pandemic period. During this time, OceanOPS has consistently and clearly communicated its sustainability risks to Networks through repetitive recommendations and warnings.

Although some Networks have used the European Projects as a means to support OceanOPS over the past few years, this has provided temporary relief but is not a sustainable solution for OceanOPS' long-term stability and development. These projects should ideally be used for developments rather than absorbing chronic budget deficits.

The substantial support from WMO since 2021 has also been vital in sustaining OceanOPS and averting the need for staff reductions. However, this support alone has not been adequate to stabilize OceanOPS and enable its evolution as outlined in its strategic plan. This financial support could not compensate for the decrease of some national/network contributions and inflation.

In response to persistent budgetary constraints, in late 2023, OceanOPS underwent a significant reduction in staff and activities. The centre faced challenges such as the inability to renew critical staff positions, substantial cuts to the travel budget, and web developments, all while carrying out a complex migration of its Information System (I.S.) to a new host (Ifremer).

To address these challenges, OceanOPS is taking proactive steps, including the centre restructuring and the development of Service Level Agreements (SLAs) with Networks, as outlined in its strategic plan. These SLAs, based on contribution levels, will be agreed between Networks and OceanOPS through the OCG-15 session, and discussed by the end of 2024 for implementation starting in 2025.

In parallel, efforts are underway to consolidate OceanOPS funds into a single Trust Fund at WMO to facilitate more efficient management. This funding strategy will explore alternative models of contributions, such as remote secondment, and rely on partnerships with France, the European Union, IOC/UNESCO, and WMO to support and expand the coordination infrastructure of GOOS.

In 2023-2024, while awaiting for these initiatives to be fruitful, OceanOPS encountered a number of challenges such as the loss of its IT Manager and limited IT development capacity, along with restricted mission travels. Additionally, reporting and communication services, such as the GOOS Report Card, were postponed to 2025. However, with the completion of the restructuring and the implementation of a new I.S. at Ifremer, OceanOPS is poised to enter a new period of stability in 2025 and resume its activities to fulfill its strategic plan for 2021-2025.

It is worth noting that the new European AMRIT Project will be a significant source of funds, ensuring the hiring of a full-time IT web developer for the next 3-5 years starting from 2025. OceanOPS stable resources do not allow yet to stabilize a second IT position so this project is mostly welcome.

Following the restructuring of OceanOPS, several important challenges have been already identified, and details will be discussed in the conclusion of this financial report, providing recommendations to address them and position OceanOPS for the future to better serve its expanding observing community.

For information on trends of OceanOPS incomes and expenses over 2020-2024, please refer to the OceanOPS Restructuring documentation (an extract is below in the annex section).

Average contributions by Networks:

To facilitate discussions during the OCG-15 session regarding the SLAs agreement, the table below illustrates the average contributions by Networks over the period 2022-2024.

Networks	Mean 2022-2023-2024 including EU Projects	Mean 2022-2023-2024 without EU Projects	Contributors
DBCP	\$91,211	\$91,211	Australia, Canada, EUMETNET, India, US
Argo	\$179,999	\$178,145	Australia, China, Euro-Argo, EuroArgo RISE Project, France, Germany, India, Italy, Japan, Monaco, UK, US
SOT	\$79,910	\$79,910	Australia, Germany, EUMETNET, US
OceanSITES	\$33,795	\$32,189	Australia, France, US
GO-SHIP	\$50,920	\$24,709	Australia, EuroGOSHIP, EuroSea, US
OceanGliders	\$46,734	\$25,425	EuroSea, GROOM, US
SOCONET*	\$30,000	\$30,000	US, EU project submitted (TRICUSO)
Total Networks	\$512,569	\$461,588	
OceanOPS	\$538,958	\$465,096	AMRIT Project, EmodNET, EuroSea Project, France, Monaco, TRUSTED Project, US, WMO EU project submitted (AMRIT C2)
TOTAL	\$1,051,527	\$926,684	

*In 2024, a new contribution of 30 k\$ towards SOCONET coordination will be received

3. CONTRIBUTIONS 2023

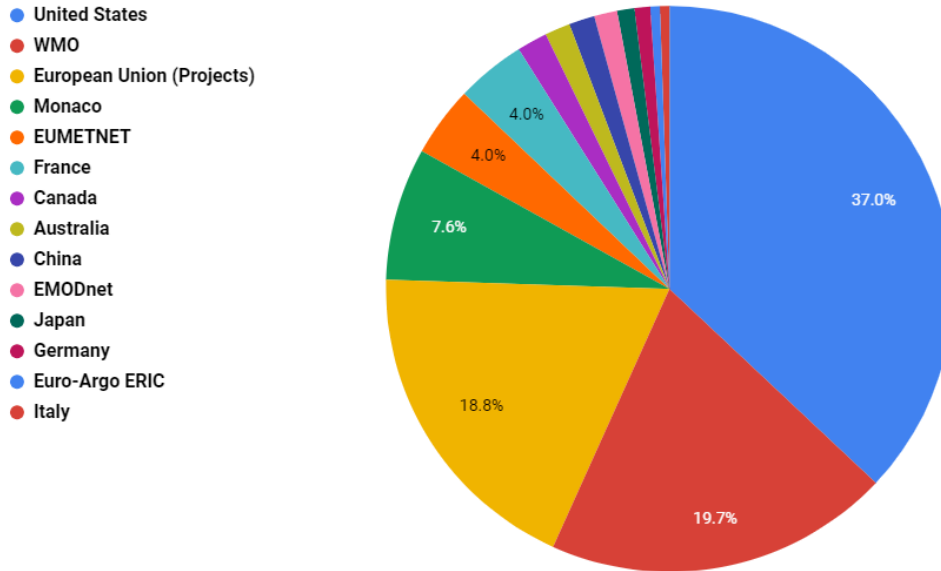
During 2023, OceanOPS received 1 M\$ (compared to 929 k\$ in 2022, 1 M\$ in 2021, 900k\$ in 2020, and 1M\$ in 2019). This total includes funds provided by national voluntary contributions, WMO regular budget and European Projects managed across IOC and WMO Trust Funds and project budget lines. In 2023, incomes were more consistent compared to 2022 mainly thanks to European project funds and a few delayed 2022 national contributions received in 2023.

2023 contributions highlights:

- WMO continued its commitment to support OceanOPS by investing in the establishment of the OceanOPS Manager position and providing funding for ad hoc travels, amounting to an estimated 200 k\$.
- Regular national contributions (600 k\$) from Networks were slightly increased compared to 2022 (560 k\$) but decreasing compared to 2021 (628 k\$) and 2020 (699 k\$).
- Contribution from the USA/NOAA remained stable compared to 2022, but reduced from 475 k\$ in 2020 to 425 k\$ in 2021, and further to 372k\$ in 2022 and 2023.
- South Africa, India and New Zealand (in favor of DBCP) skipped their contributions in 2023.
- Monaco's contribution to support the BCG-Argo/Med. pilot was renewed.
- Contributions from Australia, India, and the UK in favor of Argo coordination were delayed in 2023 and received in early 2024.
- Australia's contribution in favor of OceanSITES support was delayed in 2023 and expected to be received in 2024.
- Half of the EMODnet contribution committed in 2022 was received in 2023.
- European Projects such as EuroSea and Euro-Argo RISE have reached their end in 2023 and the remaining funds (79 k\$) have been received. The TRUSTED project (HRSST drifters) has still participated in the budget increase at the level of 12k\$. Other Projects (GROOM II and EuroGOSHIP) have supported OceanOPS during 2023 at a total level of 99 k\$.
- No funds were received from the GOOS central office/budget for the support of the 2023 Report Card production, which was fully supported by OceanOPS.

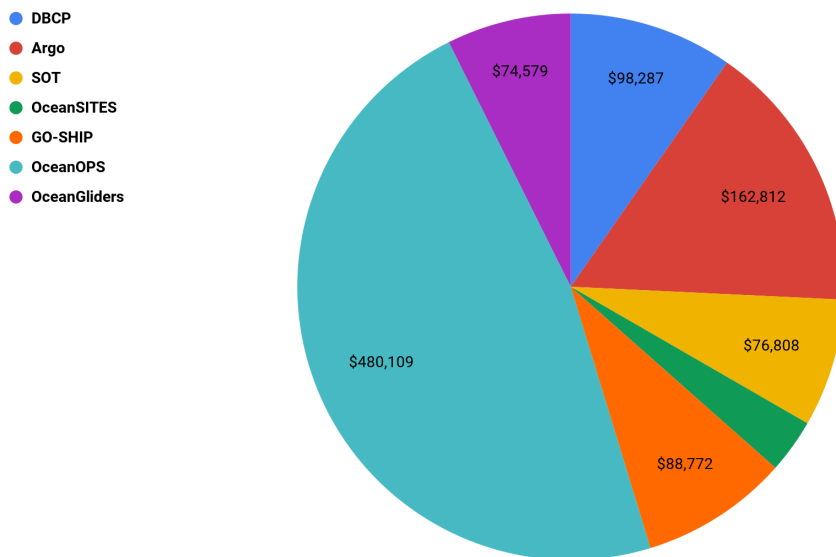
The following charts provide the 2023 distribution of incomes per Country and per Network.

2023 OceanOPS Total Contributions by Countries + EU Projects



Note: The European contributions ([EUMETNET](#), [EMODNET](#), [EuroArgo](#)) represented 6% of the 2023 budget.

2023 Contributions by Networks (including EU Projects contributions)



Notes:

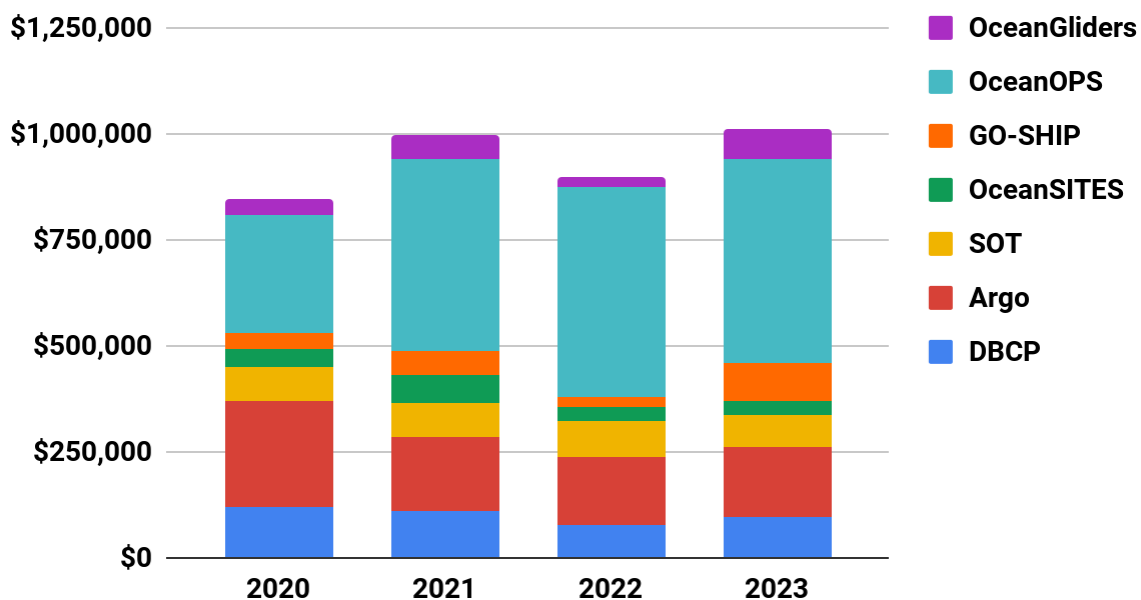
- Contributions tagged OceanOPS are provided by WMO, USA, France, EMODnet and European Projects for integrated support to GOOS-OCG networks (i.e. funds are not targeted to a specific Network/Panel).

2. Contributions for GO-SHIP are increased through EU projects (EuroGOSHIP pre-funding corresponding to 30-50 % of the total amount, i.e. 2024 and 2025 contributions will not be at that level). EuroGOSHIP Project will provide 122 k\$ for 4 years (i.e. 92 K\$ to be used for direct costs, remaining amount is for indirect costs).
3. Contributions for OceanGliders are increased through the EU project GROOM II but will end mid-2024.
4. EuroSea and EuroArgo-RISE have ended.

In 2023 contributions to the GOOS-OCG Networks were as follows:

- OceanSITES support came from the USA, France, EU Project (32 k\$). The Australian contribution (5k\$) was delayed and will be received in 2024.
- OceanGliders support came from the USA and EU Projects (74 k\$).
- GO-SHIP support came from the USA, Australia and EU Projects (89 k\$).
- DBCP support came from the USA, EUMETNET, Canada and Australia (98 k\$). Contributions from South Africa, New Zealand and India were not renewed in 2023.
- SOT support came from the USA, EUMETNET, and Germany (77 k\$).
- Argo support for OceanOPS in 2023 (163 k\$) came from the USA, Euro-Argo, Monaco, France, Japan, Germany, Italy, China and an EU Project. Contributions from the UK, India and Australia were delayed and received in 2024.

Contributions by Networks (including EU Projects)



4. CONSOLIDATED 2023 ACCOUNTING

In 2023, OceanOPS operated with a budget of 1.4 M\$, including 390 k\$ of carry forward, and spent 1M\$ (compared to 873 k\$ in 2022 and 931 k\$ in 2021). The yearly balance remained positive¹, maintaining a reasonable carry forward at the year end (377 k\$).

The year 2023 represented a transitional year after the stabilization of some OceanOPS core staff at WMO in 2022. This stabilization included the transfer and upgrade of the IT Manager position at WMO, the replacement of the Argo Technical Coordinator, and the stabilization of the Metadata expert recognized as part of the core staff at WMO.

The position of “BGC-Argo/Regional Focal Point”, established in 2022 in the Mediterranean Sea, as a pilot for a new OceanOPS regional node in Monaco and project office support for the developing BGC-Argo mission, was upgraded from a ½ FTE to a full-time position in April 2023. While the contributions from Monaco and China in 2020/21, as well as the 2023 contribution from Monaco, permitted the start and maintenance of this position until mid-2024, the current funding base is insufficient to sustain this self-funded pilot. OceanOPS will include this new activity in its fundraising strategy, although it’s noted that, except for China, none of the 16 BGC-Argo implementing countries are contributing.

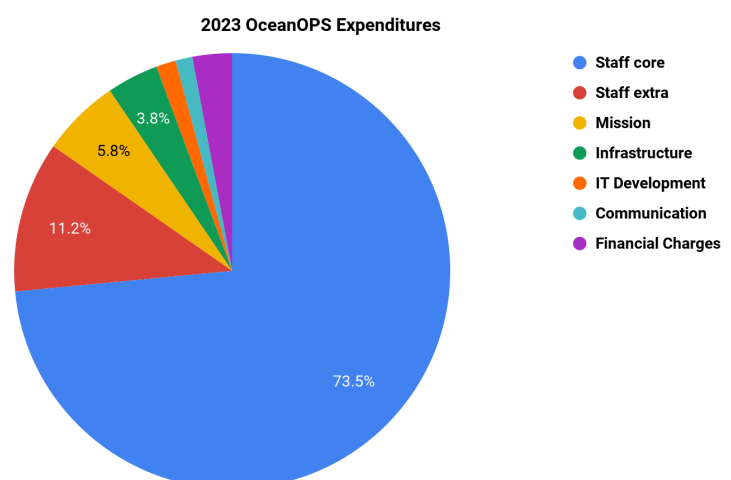
In order to guarantee the sustainability of all staff, the web developments, essential for OceanOPS delivery, were reduced to a minimum (15 k\$ vs. 65 k\$ in 2022), and this was used to compensate as far as possible for the departure of the IT Manager in September 2023.

In 2023, OceanOPS budget continued to cover all GOOS Report Card production costs.

The travel budget in 2023 increased but remained modest (60 k\$ vs. 35 k\$ in 2022) to make savings for strengthening staff positions. WMO’s regular budget covered some ad-hoc missions (e.g., WMO staff retreat) as well as the Manager position, which allowed us to save funds on staff costs. The resignation of the IT Manager position in September 2023, which was not renewed by lack of cash flow, also allowed for some savings.

2023 Expenditures, by type:

EXPENSES 2023	
Core Staff	\$755,473
Extra staff (Monaco)	\$115,473
Mission	\$59,877
Infrastructure	\$39,333
IT Development	\$15,000



¹ recalling we can’t spend any funds that a

Communication	\$12,943
Financial Charges	\$30,204
TOTAL	\$1,025

2023 Balance:

Yearly contributions + carried over (1,4 M\$) – Expenditures (1 M\$) = 376 K\$.

Carried over on January 1, 2024, was 376 K\$, including carry forwards from national contributions and projects. This carry forward should be seen as somehow artificial and revealed at a given time. Most of these funds are already committed to cover staff salaries for the next year.

In 2023, OceanOPS managed its operational budget carefully and sustained its activities while strengthening key positions with reduced expenses and maintaining a reasonable carry forward level. This carry forward at IOC includes a reserve to enable the full-time position to support the BGC-Argo/regional focal point position. Remaining carry forward at WMO (157k\$ on WHOI TF) was used to renew contracts as needed.

5. INTERIM BUDGET 2024

The interim budget for 2024 reflects a slight increase in anticipated incomes due to a new project fund (AMRIT), as well as a slight increase in NOAA contribution to support SOCONET, which will be outlined in the new 4-year NOAA contract starting mid-2024. Additionally, a few delayed contributions from 2023 will be received in 2024.

Alongside this increase in income, expenses are expected to decrease compared to the previous year. This reduction is primarily attributed to several factors:

1. the savings of 9 months of the IT Manager's salary following the resignation of the previous IT Manager, who has not yet been replaced;
2. savings resulting from the OceanOPS restructuring and the reduction of TCs from three to two. Additionally, OceanOPS will continue to achieve savings on mission travels as far as possible.

Here are some highlights for the 2024 budget:

Anticipated Incomes:

- Regular national contributions are expected to increase (690 k\$ vs. 600 k\$ in 2023). The increase is mainly due to delayed 2023 contributions received in 2024 and a slight increase in the US contribution to support SOCONET.

- An important complement from the EU project AMRIT is expected (~126 k\$) in addition to EuroGOSHIP (19 k\$) and GROOM Project (15 k\$)².
- Monaco's contribution was renewed at the beginning of the year to continue supporting the BGC-Argo/Regional pilot.
- EMODnet has signed a new agreement with WMO to support OceanOPS (50 k\$/year) for the next biennium 2024-25.
- WMO will continue to contribute to the OceanOPS budget through support for the Manager position, and ad-hoc missions (200 k\$).
- IOC/UNESCO has committed to supporting OceanOPS (50 k\$) via the GOOS budget

Anticipated Expenses:

- The overall staff net cost will decrease from 871 K\$ in 2023 to 749 k\$ in 2024. This reduction is attributed to the restructuring and consequent reduction of TCs from three to two, savings resulting from the resignation of the IT Manager position.
According to the restructuring plan, the BGC-Argo/Med. focal point contract will be stopped (or reverted to ½ FTE) in September unless complementary funds are secured by then to complete Monaco's support for this pilot position.
- The travel budget will remain stable at 60 k\$. We also anticipate ad-hoc support from WMO and GOOS to attend specific meetings such as the GOOS-SC/OCG, Ocean Decade Conference, General Assembly, WMO Congress, etc.
- Web developments will be covered using new GOOS funding support (55 K\$, consultant contract).
- The GOOS Report Card production is postponed to 2025, due to the OceanOPS restructuring and migration of the IT system. 2024 offers an opportunity to review the report and set the path for its evolution.
- The agreement with Ifremer for the I.S. hosting is being discussed and negotiated, with the final cost estimated to be 70 k\$/year. This represents an increase compared to what we paid to CLS until now (40 K\$).
- In addition to the 2024 I.S. hosting, early 2024 we had to pay a delayed invoice to CLS for the 2nd semester hosting (18 k\$), while the period January - April 2024 was paid through OceanOPS remaining funds at CLS in order to close our budget line at CLS.

2024 Anticipated Expenditures:

Expenditures	2024
Staff core	652,612
Staff extra	95,994
Mission	63,130
Infrastructure	89,118
IT Development	50,000
Communication/meeting	767
Financial Charges	56,822

² respectively OceanOPS integrated, ships and gliders specific EU projects.

Total	957,676
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The year 2024 marks another important step forward to achieve the implementation of OceanOPS 5-year strategic plan, particularly in achieving goal 5: strengthening the infrastructure staff and budget.

All funds historically received at IOC and at CLS are successfully transferred to WMO to continue stabilizing key resources at WMO.

A specific European call, AMRIT, was granted, ensuring an important source of funds for IT development for the next 3-5 years. The EU AMRIT project will provide 650 k\$ to OceanOPS budget for 4 years, along with extra manpower for IT development distributed among European partners and Marine Research Infrastructures (for a total of 300 PM). All deliverables of this project, led by OceanOPS, are aligned with its strategic plan and OCG Data Strategy.

After reinforcing IT and web development capacity, any identified margin during the year through new contributions will prioritize stabilizing and upgrading staff as necessary. As recalled in past years' reports, certain OceanOPS staff positions and salaries are not aligned with their experience, performance and qualifications.

In summary, important decisions for 2024 anticipated budget, include:

- decrease the three Technical Coordinators to two
- re-hire the IT Manager as soon as possible (probably effective in October 2024)
- decrease pilot staff from 1 to ½ FTE to align incomes/expenses
- hire Web Consultant for 8 months
- keep a stable travel budget
- no Report Card production
- host agreement with CLS is terminated - a new one is developed with Ifremer.

OceanOPS will end the year 2024 with a positive balance and the needed carry forward to obligate salary expenses.

The new agreement with NOAA, to take force next July might however bring cash flow challenges if the corresponding contribution is delayed. Actual carry forward will allow only a few months of flexibility.

6. ANTICIPATED BUDGET 2025

In 2025, structural challenges will be resolved with the OceanOPS restructuring and the anticipated funds from the AMRIT project, will allow for the hiring of an IT manager (on stable resources), and of an IT developer (on project) and re-establish OceanOPS full IT development capacity.

Additionally, with this new stable budget situation, OceanOPS will produce and enhance the Report Card.

In 2025, OceanOPS's I.S. will be in place at Ifremer, with associated costs estimated at 80 k\$, which have not yet been negotiated. This represents an important variable to continue ensuring stability in the OceanOPS financial situation.

As in recent years, sustaining core staff remains a top priority, and the travel budget will be kept stable at the same level of 2024 but might slightly increase.

In 2025, the Communication/Administration position must be "transferred" to WMO as all funds historically received at IOC have been transferred to WMO.

Another major issue for 2025, is to identify new funds to sustain a full-time position for the BGC-Argo/Med. pilot, which is currently supported only by one voluntary contribution covering only half-time position.

2025 Expenditures plan:

2025 Expenditures	
Staff core	685,608
Staff extra	63,996
Mission	61,181
Infrastructure	90,000
IT Development	130,000
Communication	50,000
Financial Charges	65,855
Total	1,146,640

7. CONCLUSIONS and RECOMMENDATIONS

Although 2022 proved to be a successful year for OceanOPS, allowing the center to operate at almost full capacity and stabilize and upgrade key staff members such as the OceanOPS Manager (supported by WMO regular budget), the Metadata Expert (crucial for maintaining metadata quality), the IT Manager (essential for our delivery), and the Argo/OceanGliders Technical Coordinator, as well as the hiring of a new Technical Coordinator for BGC-Argo expansion and regional support, the end of 2023 revealed the precarious nature of OceanOPS's funding mechanism. Reliance on unstable EU Projects, coupled with the constant pressure of missing, decreasing, or delayed contributions, as well as increased salary costs due to inflation, created serious challenges for the center in late 2023.

As highlighted in the restructuring document, throughout the end of 2023 and 2024, OceanOPS experienced a challenging transitional period marked by a reduction in delivery services. This strategic

adjustment was aligned with the recommendations outlined in the 2019 review and the 2020 Strategic Plan. It served as a crucial step towards addressing structural weaknesses and establishing a stable foundation for the center's future operations, while concurrently developing a framework to enhance delivery efficiency for an expanding GOOS.

After this transitional period, marked by the restructuring of OceanOPS, and starting from mid-2024, OceanOPS will recover in good shape, albeit with one Technical Coordinator less.

Several achievements will be realized by 2025, including the migration and upgrade of the I.S. to Ifremer, establishment of a unified budget at WMO, stabilization of most staff at WMO, and the agreement of SLAs with networks and OCG to better serve their needs and guide OceanOPS's work and trajectory. To complete this stabilization, by late 2024/early 2025, a new IT Manager will be hired and supported by a full-time web developer hired through the AMRIT Project for the next 3-5 years.

The OceanOPS budget will start the year 2025 in a healthy situation, with a cash flow reserve allowing for the obligation of all required salaries for the coming year, thanks to the alignment of core expenses with stable incomes and previous years savings.

However, several challenges remain:

- 1) The remaining staff hired at IOC/UNESCO (Communication/Administration position) will be moved to WMO as IOC/GOOS cannot provide support for this position. IOC/UNESCO has an opportunity here to support OceanOPS through its regular budget and strengthen a position which is key for overall GOOS communication (e.g., GOOS Report Card), contributing to sustaining the balance between the two GOOS sponsors.
- 2) Additionally, a couple of positions need to be upgraded according to duties, experience, and salary fairness within the team. (requiring 70 k\$ of new stable contributions).
- 3) Negotiations with the host country have not formally started since the I.S. is being transferred from CLS to Ifremer, and the new agreement could represent a significant saving or cost increase (+/- 80 k\$).
- 4) Some networks will experience a substantial decrease in support by mid-2024 through the new SLAs agreement. It is critical that the restructuring process prompts a response from OCG networks and sponsors to rebuild this expertise and technical coordination capacity at the appropriate level.
- 5) Eventually, the second IT position (web developer) should be stabilized and not funded through projects. However, the current granted projects provide us with a comfortable timeline for this. It is worth noting that another EU project (AMRIT 2) was submitted in March 2024, and if granted, OceanOPS's IT capacity will be further strengthened.
- 6) The regional pilot is not stabilized. After 15 months, no other sponsor has joined Monaco. The pilot will run out of cash flow by September 2024, and in the absence of a new sponsor, Monaco could step back and not renew its contribution in 2025. 80 k\$ are required.

8. ACKNOWLEDGEMENTS

OceanOPS expresses its deepest thanks to all countries and organizations including Australia, Canada, China, EMODnet, EUMETNET, EuroArgo, Europe, France, Germany, India, Italy, Japan, Monaco, UK, US, WMO, and IOC/UNESCO, for their support and contributions. This support is vital in addressing the challenge of developing an efficient, integrated, innovative and fit-for-purpose global ocean observing system that provides essential information for climate studies, operational services and monitoring ocean health.

OceanOPS supports 12 OCG networks, including Argo, Global Drifting Array, Global Tropical Moored Buoy Array, National Moored Buoy Array, Tsunami, OceanSITES, OceanGlider, GO-SHIP, SOCONET, Voluntary Observing Ship, Automated Shipboard Aerological Programme (ASAP), and Ship Of Opportunity Program (SOOP XBTs).

9. OFFICIAL STATEMENTS



Annex 2

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION

OceanOPS

(Statement of Account from 1 January 2022 to 31 December 2023)

(Expressed in US Dollars)

INCOME

Funds Received

Australia	28,557.43	
France	36,412.81	
Germany	5,144.03	
India	9,980.00	
Japan	10,000.00	
United Kingdom	21,105.45	
Eric EURO-ARGO	5,580.36	
ETT S.p.A.	13,340.45	
Société des Explorations de Monaco	76,838.64	206,959.17

TOTAL INCOME

206,959.17

EXPENDITURE

International & National Staff		174,629.16
Other Personnel Cost		5,269.45
Staff Mission Costs		12,354.07
Delegates & External Individual Missions		25,418.25
Other Contracted Services		15,184.83
Equipment		1,470.09
Management Costs		16,402.80

TOTAL EXPENDITURE

250,728.65

EXCESS (SHORTFALL) OF INCOME OVER EXPENDITURE

(43,769.48)

Balance Brought Forward as at 1 January 2022

190,381.05

BALANCE AS AT 31 DECEMBER 2023

146,611.57
Financial Report issued by the Grants Management Section, Bureau of Strategic Planning.

WORLD CLIMATE WATER
TRUST FUND (WCWTF)



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale
Organización Meteorológica Mundial
Всемирная метеорологическая организация
المنظمة العالمية للأرصاد الجوية
世界气象组织

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WHOI Trust Fund
Trust Fund 421398
Final Statement of income and expenditure
For the period 1 January to 31 December 2023
(Amounts in Swiss Francs)

1. Balance, 1 January 2023		243,506.59
2. Income		
2.1 Contribution received	490,709.83	
2.2 Contribution to GCOS	(151,450.19)	
2.3 Total income		339,259.64
2. Total available funds during reporting period		582,766.23
3. Expenditure		
3.1 Direct project costs		
3.1.1 Salaries and Wages	407,173.55	
3.1.2 Total direct costs		407,173.55
3.2 Indirect project costs		
3.2.1 Support costs at 7%	28,502.15	
3.2.2 Total indirect costs		28,502.15
3.3 Total project expenditure		435,675.70
4. Balance of fund at 31 December 2023		147,090.53
5. Less obligations		146,149.62
6. Balance of fund at 31 December 2023, net of obligations		940.90

Certified correct
Brian Cover
Chief, Finance Division
24 April 2024

Certified correct:

Dominique Berod
Chief, Earth System Monitoring Division
24 April 2024

WORLD CLIMATE WATER TRUST CO-OPERATION BOARD



WMO OMM

World Meteorological Organization
 Organisation météorologique mondiale
 Organización Meteorológica Mundial
 Всемирная метеорологическая организация
 المنظمة العالمية للأرصاد الجوية
 世界气象组织

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DATA BUOY CO-OPERATION PANEL
 Trust Fund 421305
 Final Statement of Income and expenditure
 For the period 1 January to 31 December 2023
 Amounts in United States dollars

1. Balance brought forward, 1 January 2023		139,603
2. Income		
2.1 Contributions ^{a/}		224,083
2.2 Gain in exchange currency		22,736
3. Total available funds during reporting period		386,423
4. Expenditure		
4.1 Direct project costs		
4.1.1 DECP		
4.1.1.1 DECP Capacity Building	6,229	
4.1.1.2 DECP Chair Travel	4,518	
4.1.1.3 DECP Total		13,047
4.1.2 SOT		
4.1.2.1 Other SOT Expenses	6,030	
4.1.2.2 SOT Chair and Other Travel	3,034	
4.1.2.3 SOT Total		9,064
4.1.3 JCOMMOPS		
4.1.3.1 IT Contract	21,360	
4.1.3.2 DECP-TC Travel	1,715	
4.1.3.3 STAFF MISSIONS	1,491	
4.1.3.4 JCOMMOPS Total		24,572
4.1.4 OceanOPS - EuroGOSHEP		
4.1.4.1 Staff Missions	1,010	
4.1.4.2 OceanOPS - EuroGOSHEP Total		1,010
4.1.5 OceanOPS - EuroSea		
4.1.5.1 OceanOPS Staff Direct Personnel Costs	55,561	
4.1.5.2 Staff Missions	1,847	
4.1.5.3 OceanOPS - EuroSea Total		57,408
4.1.6 OceanOPS - GROOM		
4.1.6.1 OceanOPS Staff Direct Personnel Costs	26,312	
4.1.6.2 OceanOPS - GROOM Total		26,312
4.1.7 Total direct costs		137,627
4.2 Indirect project costs		
4.2.1 Support costs at 3%	4,125	
4.2.2 Bank charges	206	
4.2.3 Total indirect costs		4,425
4.3 Total project expenditure		142,047
5. Balance of fund at 31 December 2023		244,375
6. Balance comprised of the following projects:		
6.1 DECP		130,531
6.2 SOT		64,455
6.3 JCOMMOPS		31,210 ^M
6.4 WMO		18,563
6.5 OceanOPS - GROOM		0 ^N
6.6 OceanOPS - EuroGOSHEP		0 ^N
6.7 OceanOPS - Euro-ARCA RESE		0
6.8 OceanOPS - EuroSea		1,594 ^N
6.9 Total		244,375

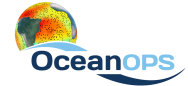
CONTRIBUTORS		
Mairie France (EUR 55,000)		56,261
Itremer, France (EUR 35,000)		36,315
Environment Canada (CAD 25,000)		28,750
Grassh (Release of deferred income)		27,250
EuroSea (Release of deferred income)		19,259
Bureau of Meteorology (EUR 11,700)		12,071
Euro-ARCA EREC (EUR 9,309,20)		10,854
JAMSTEC, Japan (USD 10,000)		10,000
RSB, Germany (EUR 8,000)		8,250
CSIRO, Australia (AUD 11,000)		6,813
EuroGOSHEP (Release of deferred income)		2,438
Total contributions		224,083

^M Amount excludes USD 88,432 of revenues that are deferred in compliance with IPSAS.

The financial statement has been prepared on the accrual basis of accounting in accordance with the International Public Sector Accounting Standards (IPSAS). Therefore, the amount of contributions shown above excludes those that are deferred in accordance with IPSAS.

Certified correct:
Brian Cover
 Brian Cover
 Chief, Finance Division
 29 February 2024

Certified correct:
Christophe Berod
 Project Manager
 29 February 2024



CLS 2023 Trust Fund

INVOICE							BILL				
	PANEL	NOTE	PAYER	AU\$	US\$	€		PAYEE	US\$	€	
JCOMMOPS INFRASTRUCTURE - RENT/OPERATIONS	DBCP/OceanSITES 2/3-1/3	RENT/OPERATIONS 1/3	WMO/DBCP				IT SERVICES	CLS			
JCOMMOPS INFRASTRUCTURE - RENT/OPERATIONS	SOT/GO-SHIP	RENT/OPERATIONS 1/3	WMO/JCOMM				STAFF (I.T.) 1 FTE	CLS			
JCOMMOPS INFRASTRUCTURE - RENT/OPERATIONS	ARGO	RENT/OPERATIONS 1/3	IOC/Argo								
TRUSTED2	OceanOPS		CLS			11,664.00	Autocollants	Optima		1,620	
JCOMMOPS COORDINATOR	ARGO		SOA - CHINA	15,000		13,873.73	Autocollants bouées (expédition vers l'ifremer)	Optima		110	
JCOMMOPS COORDINATOR	ARGO		OGS			5,000.00	Expéditions pour NKE	Celtic		87	
NKE - Argo Labels	OceanOPS		NKE			3,500.00	Expéditions pour MRV	Celtic		92	
MRV - Labels	OceanOPS		MRV	540,09		494.50	Expéditions pour Geneva	Celtic		149	
							Workshop EuroArgo-OceanOPS	La fresque du Climat		500	
							2023 Report Card	HIPPOCAMPE		9,315	
							Web developments	CELAD		13,120	
TOTAL						34,532.23	Total			24,994	
		€									
		YEARLY BALANCE				9,538					
		CUMULATED BALANCE				15,003					

2023 Accounting monitored by OceanOPS:

Item / USD \$	IOC/GOOS RB	WMO RB	WMO/WHOI TF	DBCP TF	IOC TF	CLS TF	2023 BUDGET
INCOMES							
CARRY FORWARD AT 2023-01-01 (FIN Statement)			256,252	(63,150)	191,983	5,983	391,068
CONTRIBUTIONS			370,347	70,095	76,839	24,926	542,207
CONTRIBUTIONS TO IOC REDIRECTED TO WMO				64,256			64,256
WMO/IOC RB (estimated)		200,000			0		200,000
EU PROJECTS				123,722	54,165	12,714	190,601
EU EMODNET					13,340		13,340
TOTAL AVAILABLE BUDGET 2023	0	200,000	626,599	194,923	336,327	43,623	1,401,471
EXPENSES							
OceanOPS Manager - MB		180,000					180,000
TC Argo / OceanGliders position - VT			95,400	26,312			121,712
TC DBCP / OceanSITES position - LJ			127,200				127,200
TC SOT/GO-SHIP/Cruises position - MK			127,200				127,200
I.T. Engineer position - AL 8/12			84,800				84,800
I.T. Engineer new staff 2/12							
TC Science Communication position - ER					55,000		55,000
Metadata/DB assistant - MKR				59,561			59,561
TC BGC Argo / Med. Sea (3 months- 3/5 FTE)					19,198		19,198
TC BGC Argo / Med. Sea (9 months- 5/5 FTE)					96,000		96,000
TOTAL STAFF		180,000	434,600	85,873	170,198	0	870,671
Manager		2,500		1,847	9,667		14,014
TC Argo/OceanGliders travels				1,497	3,358		4,855
TC DBCP/OceanSITES travels		2,500		1,715	3,000		7,215
TC SOT/GO-SHIP travels		5,000		1,819	1,575		8,394
I.T. Engineer travels		2,500					2,500
Metadata/DB assistant - G4		2,500					2,500
TC Science Communication travels		2,500			2,500		5,000
TC BGC Argo / Med. Sea (6 months)		2,500			5,500		8,000
other travel					7,399		7,399
TOTAL MISSION		20,000	0	6,878	32,999		59,877
I.T. Hosting (CLS) 6/12				21,360			21,360
Activities (meetings, supplies, shipping, misc.)					15,184	2,789	17,973
TOTAL INFRASTRUCTURE		0	0	21,360	15,184	2,789	39,333
OVERHEAD (PSC)			30,422	3,423	11,635		45,480
Bank charges				53	3,428		3,481
loss on exchange currency			4,299	(23,056)			(18,757)
TOTAL INDIRECT COSTS			34,721	(19,580)	15,062	0	30,204
TOTAL OPERATIONAL BUDGET (EXPENSES)		200,000	469,321	94,531	233,443	2,789	1,000,085
Project #1: Report Card Design/Printing				0		10,153	10,153
Project #2: Web dev Nov-Dec				0		15,000	15,000
Project #3: SSA				0			0
TOTAL DEVELOPMENTS / PROJECTS	0		0	0	0	25,153	25,153
TOTAL EXPENSES			469,321	94,531	233,443	27,943	1,025,239
BALANCE 2023-12-31	0	0	157,069	100,072	102,883	15,680	376,232

Trends of OceanOPS incomes and expenses over 2020-2024:

The following four charts, sourced from OceanOPS Restructuring documentation, display the trends of OceanOPS incomes and expenses over 2020-2024. For further details, please refer to the documentation.

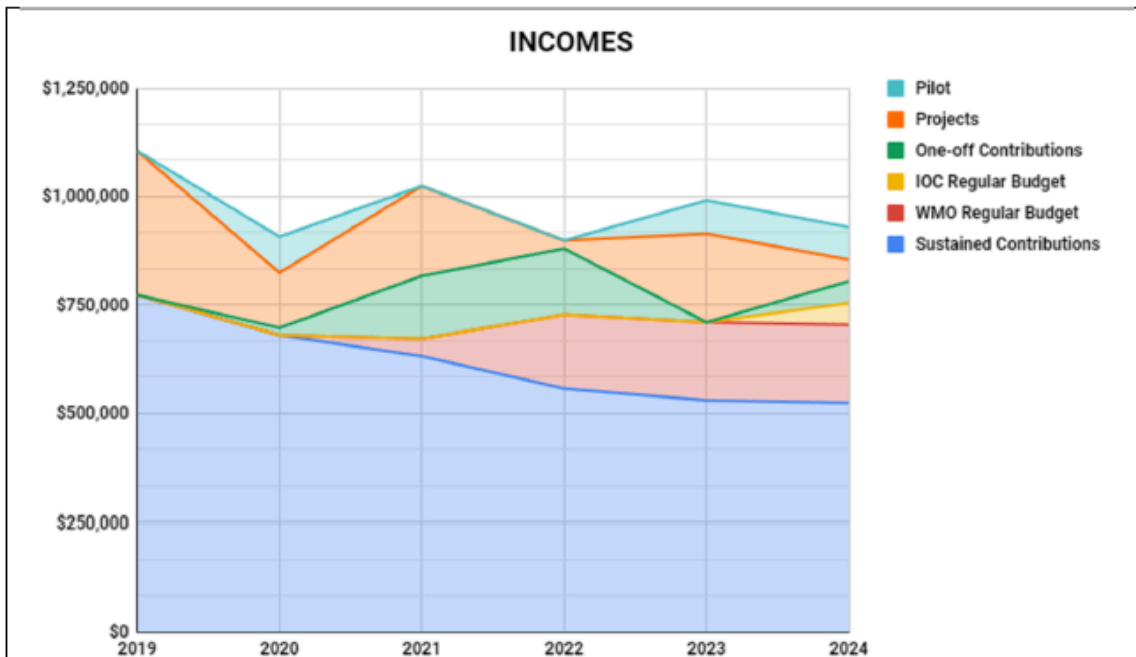


Figure 1 represents the trend in incomes across 6 categories:

- Sustained contributions: national contributions made every year through voluntary contributions by countries (for specific networks or for OceanOPS as a whole) **[USA, FRA, EU, CAN, AUS, IND, CHN, GER, GBR, JPN, ITA, ZAF, NZL]**
- Stable contributions: from the WMO Regular Budget (RB) **[WMO]**
- Stable contributions: from the IOC/UNESCO GOOS Regular Budget **[IOC]** new in 2024.
- One-off contributions: for specific developments or support **[IOC, WMO, SOT]**
- Funded projects (EU): finite duration **[Seadatanet, AtlantOS, EuroSea, EuroGO-SHIP, EuroArgoRISE, GROOM, TRUSTED, AMRIT, EMODnet]**
- Pilot: funding provided by an entity for a specific support (regional pilot in the Med. Sea) **[Monaco]**

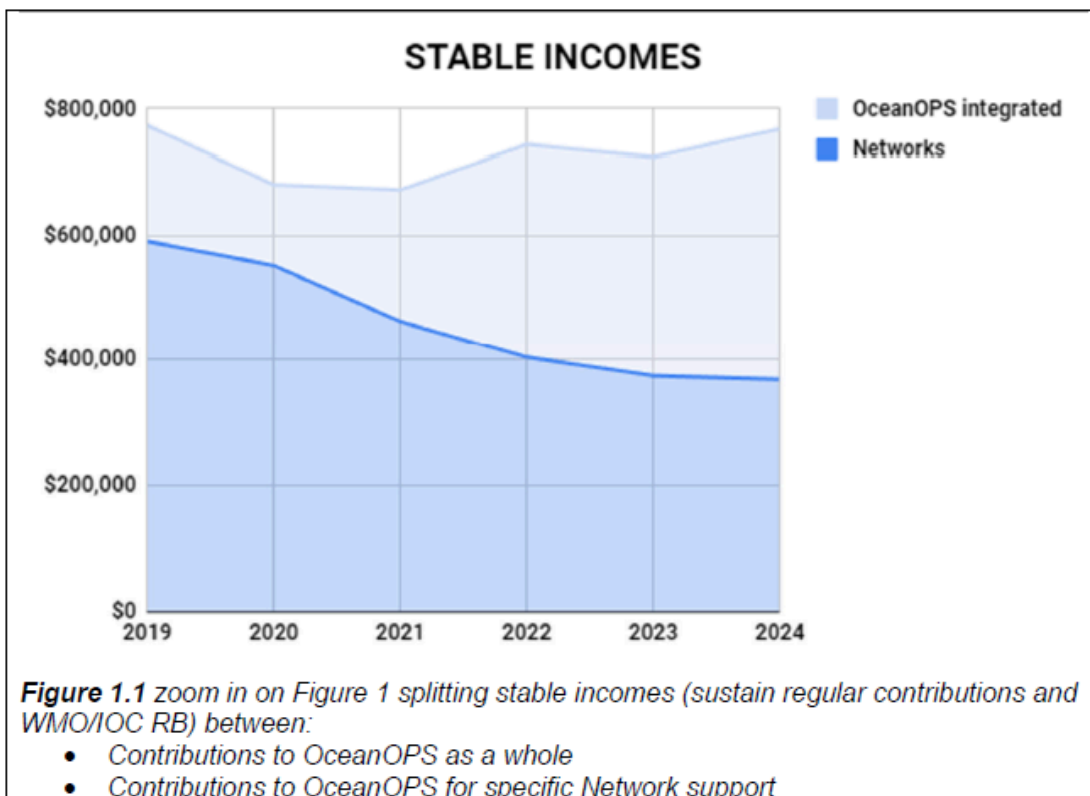
The projections for 2024 are based on the first half of the year, including clearly confirmed commitments for contributions. All figures have been converted from native currency to US Dollars (\$).

Sustained contributions are those voluntarily made by Members or the parent organizations of WMO on an annual basis, with a long history of contributions. Over time, sustained national contributions have

decreased, as illustrated in Figure 1. The WMO Regular Budget contribution has in large part mitigated this decline.

When considering the stable sustained contributions to OceanOPS, there is a clear decline in Networks' national contributions share (see figure above). This decline comes mainly from the decrease of the US contribution and a few more fragile contributions from countries/Networks that didn't re-emerge after COVID constraints or other national changes.

Projects, pilots, and one-off contributions make 20 to 30% of the total budget of OceanOPS.



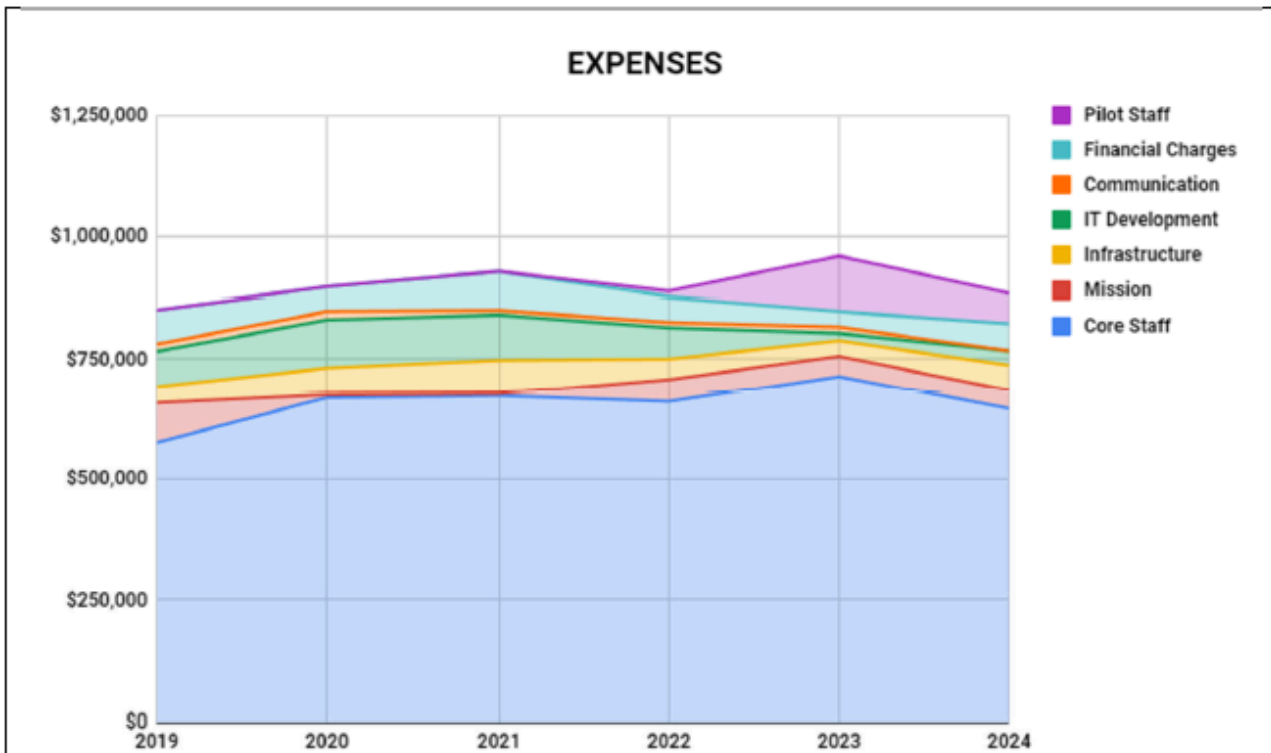


Figure 2 represents the trends in expenses in different categories:

- Core staff: Manager, 3 Network Experts, Admin/Com., IT manager, IT metadata
- Mission: travel budget
- Infrastructure: cost of hosting and licenses (IT mainly) and misc. small activities
- IT development: outsourced web developments. Main variable of adjustment.
- Communication: GOOS Report Card design, printing
- Financial charges: overhead on expenses (3-8%) by parent organizations (WMO and UNESCO) and currency exchange rate loss/gains
- Pilot staff: One network expert decentralized (Med. Sea region)

The projection for 2024 are based on the current situation (first semester 2024) including:

- the cut of one P-staff equivalent for the year
- Strictly minimal travel budget (40 k\$) and web developments (30k\$)
- No communication
- Hosting costs (50k\$) - being estimated with host

Staffing costs have seen an increase primarily due to new hires, as depicted in Figure 2 and 3 below. But this increase is mitigated by a light staff reorganization (2021, 2022) and a hiring freeze in late 2023. These new hires, made with visibility of an additional upcoming contribution from the WMO Regular Budget, include the transfer and securing of the IT manager position from CLS to WMO, resulting in a reduction of in-kind contributions along the way (by CLS), and the recruitment of a metadata expert (general staff category). The

first hire was made to resolve the “single point of failure”: OceanOPS IT expertise was relying on an outsourced CLS staff member, at a lower grade compared to the rest of the team, but with a large portfolio of duties.

The second hire (low cost and funded by projects) was done to improve overall metadata integration and quality and support the Network experts in their day-to-day work. Also, a notable adjustment involved reducing the number of Network experts (technical coordinators, TC) from 4 to 3 Full-Time-Equivalent (FTE) in 2022. This decision was prompted by some Networks failing to adequately follow up on initial investments made by OceanOPS to establish a new TC position. It was deemed a prudent choice, with the expectation that an expansion of the IT team and integrated staff would offset any resulting gaps.

OceanOPS went ahead in providing support to new Networks, complementing initial commitments through its small available budget, and anticipating that the work would trigger further support. In retrospect, this model comes with high uncertainties on foreseen contributions and finally did not work out. In that context, the budget for the pilot staff (regional expert), just sufficient for a 3/5 FTE, has not improved over 2023. This pilot is not sustaining a 1 FTE level and will be reverted to a sustainable FTE level (0.6 FTE maximum) in order to not generate any extra budget pressure. Since 2022, network experts and integrated staff were essentially constant in time, but expenses have slightly increased through inflation (see Figure 3). The IT team was constant since 2020 and suddenly reduced late 2023 due to the budget situation.

