

MEDICIS 13th Collaboration Board Meeting

11 December 2024

Interim Financial Report

as at 30 November 2024

CERN - MEDICIS PROJECT - *MoU KM3384/KT/EN/180C*

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CERN - MEDICIS PROJECT - MoU KM3384/KT/EN/180C

*Statement of Accounts at 30 November 2024: Funded from **Financial Contributions** (BC 23300)*

The statement shows the evolution of the funds from 1 January 2024 to 30 November 2024.
The total cash balance on 30 November 2024 is: +185 kCHF

Revenues and Expenses

		kCHF
Balance 1 January 2024		111
Participants' Financial contributions - MoU 2024	179	
Donations/Grants received via CERN & Society Foundation	53	
Charged Expenses - Material	-158	
Charged Expenses - Personnel*		
Balance at 30 November 2024		185
Open Commitments - Material	-20	
Open commitments at 30 November 2024		-20
Expected Participants' Financial contributions - MoU 2024	50	
Expected PRISMAP funds (collaboration part)**	76	
Expected Revenues 2024 (until 31 December 2024)		126

* in 2024 staff personnel paid fully by CERN

** Expected total PRISMAP funds in 2024 amount to 294 kCHF

*Expenses at 30 November 2024: Funded by **CERN***

		kCHF
Charged Expenses - Material	-188	
Charged Expenses - Personnel	-175	
Balance at 30 November 2024		-363
Open Commitments - Material	-29	
Open Commitments - Personnel	-16	
Open commitments at 30 November 2024		-45

CERN - MEDICIS PROJECT - MoU KM3384/KT/EN/180C

Expenses - Material (1 January - 30 November 2024): Funded from Financial Contributions (BC 23300)

Row Labels	Sum of Charged to Budget Code (CHF)	Sum of Annual Open Commitment (CHF)	Sum of Annual Commitment (CHF)	Sum of Pipeline (CHF)
Consultancy and engineering	3,072.00	-	3,072.00	-
Electronics & electrical engineering: supplies,equipt & sces	1,623.14	-	1,623.14	-
External transport and packaging	2,989.12	-	2,989.12	-
Gases and chemicals	3,508.35	-	3,508.35	-
Mechanical technologies - subcontracting	63,471.67	26.46	63,498.13	-
Optics and photonics: supplies and equipment	4,480.40	-	4,480.40	-
Services on the CERN site	47,293.01	11,178.25	58,471.26	-
Voyages - IndemnitÃ©s journaliÃ©res de voyage	-	-	-	-
Voyages - logement	130.00	-	130.00	-
Graduates-standard cost	17,958.00	8,979.00	26,937.00	-
Project associates - Subsistence allowances	13,020.00	-	13,020.00	4,340.00
Rentals	42.00	-	42.00	42.00
Seminars & Conferences : expenses and hotel (DAI)	371.80	-	371.80	-
Voyages - transport	18.00	-	18.00	-
Mechanical supplies, equipment and works	-	72.55	72.55	-
Grand Total	157,977.49	20,256.26	178,233.75	4,382.00

CERN - MEDICIS PROJECT - MoU KM3384/KT/EN/180C*Expenses - Material (1 January - 30 November 2024): funded from CERN budget (BC 63740)*

Row Labels	Sum of Charged to Budget Code (CHF)	Sum of Annual Open Commitment (CHF)	Sum of Annual Commitment (CHF)	Sum of Pipeline (CHF)
Voyages - transport				
Grand Total				

Expenses - Material (1 January - 30 November 2024): funded from CERN budget (BC 63137)

Row Labels	Sum of Charged to Budget Code (CHF)	Sum of Annual Open Commitment (CHF)	Sum of Annual Commitment (CHF)	Sum of Pipeline (CHF)
CE & buildings supplies, equipment and works	2,969.55	3,283.00	6,252.55	-
Charges de materiel	-	-	-	-
Confer-seminars registration fees	733.39	-	733.39	-
Cooperation associates - Subsistence allowances	11,177.00	-	11,177.00	-
Electronics & electrical engineering: supplies,equipt & sces	11,709.20	4,896.00	16,605.20	-
Entertainment expenses	1,349.48	-	1,349.48	-
External transport and packaging	8,488.92	91.60	8,580.52	-
Gases and chemicals	11,664.72	73.00	11,737.72	-
Measurement instruments	497.50	1,735.12	2,232.62	-
Mechanical supplies, equipment and works	21,404.16	12,463.08	33,867.24	-
Mechanical technologies - subcontracting	-	-	-	-
Office supplies, equipment and furniture	-	-	-	-
Optics and photonics: supplies and equipment	17,254.34	-	17,254.34	-
Services on the CERN site	-	-	-	-
Store purchase / Electronics&Electric supplies	1,744.50	-	1,744.50	-
Store purchase / Gases & chemicals supplies	18.40	-	18.40	-
Store purchase / Health, Safety & Environment	40.50	-	40.50	-
Store purchase / Mechanical supplies and raw materials	91.33	-	91.33	-
Technical support	37,856.61	6,600.00	44,456.61	-
Trainees - Subsistence allowances	1,957.00	-	1,957.00	-
Vacuum: supplies and equipment	25,147.85	-	25,147.85	-
Voyages - Autres depenses	613.75	-	613.75	-
Voyages - Indemnit�s journali�res de voyage	1,471.05	-	1,471.05	-
Voyages - logement	2,611.20	-	2,611.20	-
Voyages - transport	6,738.22	-	6,738.22	-
Doctoral students - Contributions Health Insurance	1,192.00	-	1,192.00	-
Doctoral students - Occupational risk insurance	20.00	-	20.00	-
Doctoral students - Subsistence allowances	15,472.00	-	15,472.00	4,171.00
Low temperature: supplies and equipment	2,805.39	-	2,805.39	-
Particle and photon detectors: supplies and equipment	2,692.81	-	2,692.81	-
Seminars & Conferences : expenses and hotel (DAI)	-	-	-	-
Store purchase / Books BS	304.00	-	304.00	-
Store purchase / IT supplies	1,368.00	-	1,368.00	-
Grand Total	188,165.37	29,141.80	217,307.17	4,171.00

CERN - MEDICIS PROJECT - MoU KM3384/KT/EN/180C

Expenses - Personnel (1 January - 30 November 2024): Funded from Financial Contributions (BC 23300)

	Duration (%)	Period foreseen	Sum of Charged to Budget Code (CHF)
			-
Accelerator Systems Department (incl. Material Expenses - BC 23300):			
1 Graduate - 3 months	25%	01/10/24 - 31/12/24	17,958
1 Project Associate - 4 months	33%	01/09/24 - 31/12/24	13,020

8,979 CHF expected in December
4,340 CHF expected in December

CERN - MEDICIS PROJECT - MoU KM3384/KT/EN/180C

Expenses - Personnel (1 January - 30 November 2024): Funded from CERN budget (BC 57317, BC 63137)

Department/Unit	Duration (%)	Period foreseen	Sum of Charged to Budget Code (CHF)	
Occupational Health & Safety and Environmental Protection Unit: 5 persons comprising 1FTE (BC 57317):			174,666	15,968 CHF expected in December
Staff No.1	20%	01/01/24 - 31/12/24		
Staff No.2	15%	01/01/24 - 31/12/24		
Staff No.3	25%	01/01/24 - 31/12/24		
Staff No.4	25%	01/01/24 - 31/12/24		
Staff No.5	15%	01/01/24 - 31/12/24		
Accelerator Systems Department (incl. Material Expenses - BC 63137):				
1 Doctoral Student - 5 months	42%	01/08/24 - 31/12/24	18,297	4,171 CHF expected in December
2 Cooperation Associates - 4 months	33%	01/01/2024 - 31/12/2024	11,177	3,050 CHF expected in December
1 Trainee - 40 days	11%	17/06/24 - 26/07/24	1,957	

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Financial contributions for the year 2024 at 30 November 2024: Funded from Financial Contributions (BC 23300)

(Figures based on signed MoUs - Annex 3)

Participant	Received Financial Contributions (kCHF)	Financial Contributions Invoiced (kCHF)
HUG	50	50
KU Leuven*	58	58
IST	5	5
Latvia Consortium	47	47
PSI	20	20
Total	179	179

additional 50 kCHF for 2024 not invoiced yet

Details of received donations/grants via C&S Foundation at 30 November 2024

Donor	Donations/grants (kCHF)
Nova Foundation	50
Anonymous donation	3
Total	53

Details of expected EU funds expected in the year 2024

Participant	Financial Contribution (kCHF)
PRISMAP	294
Total	294

corresponds to expenses incurred between 01.05.2021 and 31.10.2022 (P1 received: 24 kCHF) and between 01.11.2022 and 30.04.2024 (P2 received: 271 kCHF)

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Financial Summary (2018-Nov2024): Funded from Financial Contributions (BC 23300) and CERN

Expenses by account category	2018	2019	2020	2021	2022	2023	2024 Jan-Nov
Personnel	138	170.5	173	175			
Materials (charged)	309	309	265	322	58	151	158
Total charged	447	480	438	496	58	151	158

Participant	2018	2019	2020	2021	2022	2023	2024 Jan-Nov
HUG	0	100	100	0			50
CHUV	0	100	100	0			
KU Leuven	135	0	11	319			147
IST	5	5	5	5			5
Latvia Consortium	0	0	40	40	40		40
PSI	0	20	20	20			20
Arronax	29	28	0	0			
Total contributions	169	253	276	384	40	212	179

Donor	2018	2019	2020	2021	2022	2023	2024 Jan-Nov
ADAM	200	150	150	0			
Fond. Lutte contre cancer	100	25	0	50			
Pro-techno	0	50	0	25	50	25	
Nova Foundation							50
Anonymous						20	3
Total donations	300	225	150	75	50	45	53

EU Grants (Collaboration part)	2018	2019	2020	2021	2022	2023	2024 Jan-Nov
PRISMAP							
Total grants						0	0

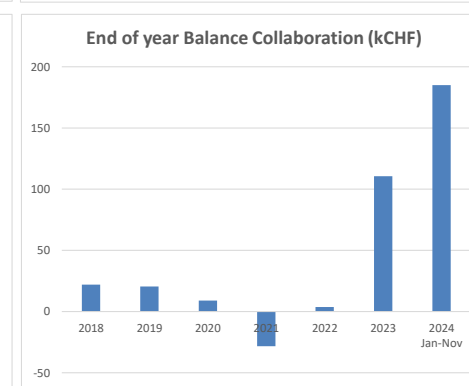
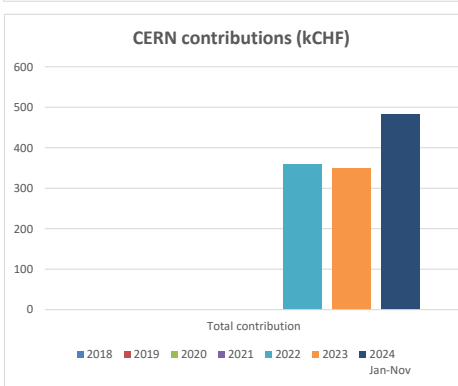
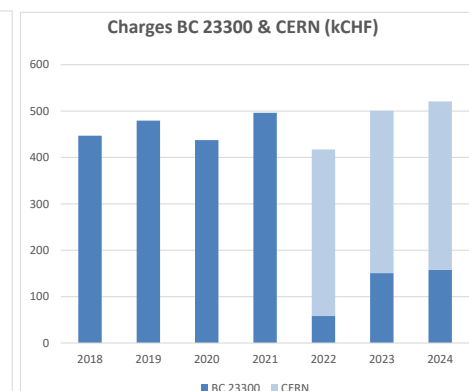
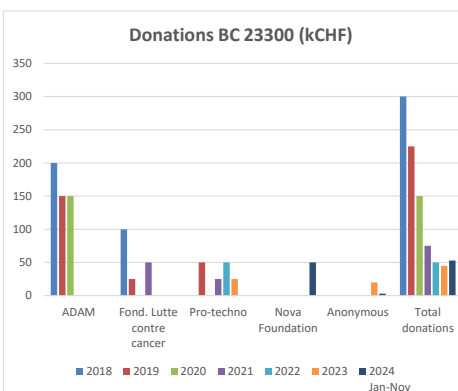
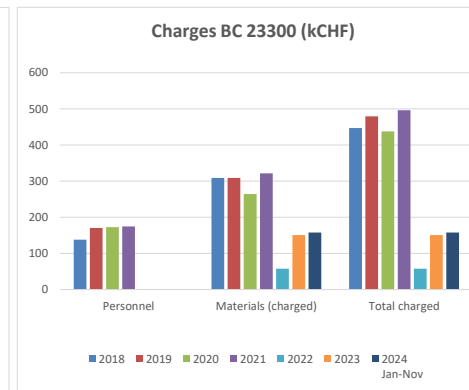
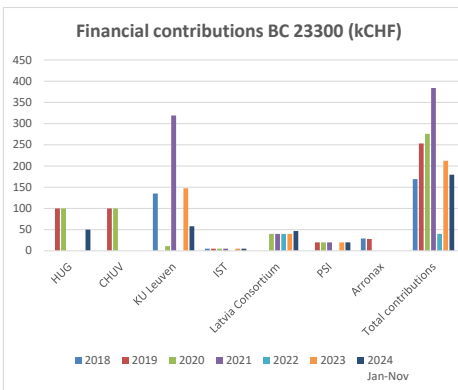
Cumulative Balance	2018	2019	2020	2021	2022	2023	2024 Jan-Nov
Income-spent (Cash/Accounting Balance)	22	21	9	-28	4	111	185

CERN expenses by account category	2018	2019	2020	2021	2022	2023	2024 Jan-Nov
Personnel					178	186	175
Materials (charged)					182	164	188
Total charged	0	0	0	0	359	350	363

CERN contribution	2018	2019	2020	2021	2022	2023	2024 Jan-Nov
Medical Applications					359	350	483
Total contribution					359	350	483

EU Grants (CERN part)	2018	2019	2020	2021	2022	2023	2024 Jan-Nov
PRISMAP							
Total grants						0	0

Collaboration/CERN Cumulative Balance	2018	2019	2020	2021	2022	2023	2024 Jan-Nov
Income-spent	22	21	9	-28	4	111	305



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Details of contributions and deliverables (2018-2026)

The table summarises the totality of the contributions to the Project by participants and the expected deliverables based on signed MoUs - Annex 3

Participant	In-kind contribution	Financial contribution	Expected deliverables
CERN	Staff in-kind for the operation of the facility	2022: 330kCHF, 2023: 290 kCHF, 2024: 310 kCHF, 2025: 210 kCHF	
Hôpitaux Universitaires de Genève (HUG), Switzerland Centre Hospitalier Universitaire Vaudois (CHUV), Switzerland		100k CHF/year for 2 years from 2019	5 isotope batches over 3 years
KU Leuven, Belgium	Students, post-doc and professor activities: - 0.86 FTE in 2018 - 1.36 FTE in 2019 - 2.18 FTE in 2020 - 0.5 FTE in 2021 - 0.5 FTE in 2022-2023 - 1 FTE in 2024-2026 LISOL separator magnet; Wavemeter MELISSA	32 kCHF for consumable 115 kCHF for laser system; 310 kCHF for Tb-IRMA-V project 150 kCHF in 2023 of which 90k is foreseen for purchase of an HPLC/ICP-MS system, then 60 kCHF for 3 years (2024-2026)	
Accélérateur pour la Recherche en Radiochimie et Oncologie à Nantes Atlantique (ARRONAX), Nantes, France	Provision of isotope sources	25 KEUR (29 kCHF)/year for 2 years from 2018	R&D in isotope mass separation
Instituto Superior Técnico (IST), Portugal	Scientific advice and activities at CERN	5k CHF/year from 2018 for 4 years, then 5kCHF/year for 3 years (2023-2025)	4 isotope batches over 4 years
National Physical Laboratory (NPL), UK	Measurement services through the use of diverse detectors (scintillators, gamma detectors, ionization chambers - 50k CHF) and an Automated Radiochemistry Module (50k CHF) Students and scientific staff activities at CERN		4 isotope batches over 3 years
Paul Scherrer Institute (PSI), Switzerland	Radiochemical purification, radiolabeling and use of mass separated radiolanthanides and relevant expertise Scientific advice and activities at CERN	20 kCHF/year for 3 years (2018-2020), then 25 kCHF/year for 3 years (2023-2025)	4 isotope batches over 3 years
JRC-Directorate G, Brussels, Belgium	225Ac and 213Bi generators Scientific advice on clinical trials and Radiopharmaceuticals for alpha-emitters		R&D in isotope mass separation Production of 225Ac sources
The Saha Institute of Nuclear Physics (SINP), India Fundación Andaluza Beturia para la Investigación en Salud (F.A.B.I.S.), Huelva, Spain	Students and professor activities at CERN Expertise in clinical trials Nuclear Medicine Doctor Radiopharmacy Medical Physicist Radiation Oncology Radiation Detectors Students and professor activities Hot Cell (200kCHF)		R&D in theranostics R&D in isotope production
L'Institut Laue-Langevin (ILL), Grenoble, France	Production of isotope batches by neutrons		R&D in isotope mass separation
Fondation pour la lutte contre le cancer et pour des recherches médico-biologiques, Switzerland	Scientific Advice		
European Association of Nuclear Medicine (EANM)	Scientific Advice		
Pakistan Atomic Energy Commission (PAEC)	Secondment of a radiochemist to CERN 0.5FTE/year in 2022, 2023, 0.6 FTE in 2024, 0.5 FTE in 2025		At least 2 isotope batches per year
Consortium of Latvia (Riga Technical University & University of Latvia)	Scientific and medical advice	40k CHF/year for 2 years for 3 years (2020-2022), then 50k CHF/year for 2 years (2023-2024), 60 kCHF in 2025, 100 kCHF in 2026	
Other Contributors	In-kind contribution	Financial contribution (kCHF)	Expected deliverables
University of Mainz, Germany	Laser ion source 12-person-months of a PhD Student		
University of Oslo, Norway			