

MEDICIS 11th Collaboration Board Meeting

6 December 2023

Interim Financial Report

as at 30 November 2023

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 2023: Funded from **Financial Contributions** (BC 23300)*

The statement shows the evolution of the funds from 1 January 2023 to 30 November 2023.
The total cash balance on 30 November 2023 is: +97 kCHF

Revenues and Expenses

		kCHF
Balance 1 January 2023		4
Participants' Financial contributions - MoU 2023	212	
Donations/Grants received via CERN & Society Foundation	20	
Charged Expenses - Material	-139	
Charged Expenses - Personnel*		
Balance at 30 November 2023		97
Open Commitments - Material	-38	
Open commitments at 30 November 2023		-38
Expected donations/grants via CERN & Society Foundation 2023	25	
Expected PRISMAP funds	24	
Expected Revenues 2023 (until 31 December 2023)		49

* in 2023 staff personnel paid fully by CERN

*Expenses at 30 November 2023: Funded by **CERN***

		kCHF
Charged Expenses - Material	-151	
Charged Expenses - Personnel	-170	
Balance at 30 November 2023		-321
Open Commitments - Material	-12	
Open commitments at 30 November 2023		-12

CERN - MEDICIS PROJECT - MoU KM3384/KT/EN/180C*Expenses - Material (1 January - 30 November 2023): Funded from Financial Contributions (BC 23300)*

Row Labels	Sum of Charged to Budget Code (CHF)	Sum of Annual Open Commitment	Sum of Annual Commitment (CHF)	Sum of Pipeline (CHF)
Charges de materiel	-	-	-	-
Confer-seminars registration fees	1 016.55	-	1 016.55	
Consultancy and engineering	11 206.00	3 072.00	14 278.00	
Cooperation associates - Subsistence allowances	19 200.00	-	19 200.00	
Electronics & electrical engineering: supplies,equipt & sces	-	3 186.86	3 186.86	
External transport and packaging	9 778.81	3 654.19	13 433.00	-
Gases and chemicals	5 472.71	4 380.00	9 852.71	-
Health, safety & environment: supplies and equipment	3 912.09	-	3 912.09	
Measurement instruments	3 252.61	-	3 252.61	
Mechanical supplies, equipment and works	17 873.11	12.89	17 886.00	
Mechanical technologies - subcontracting	41 944.79	-	41 944.79	-
Optics and photonics: supplies and equipment	3 390.90	4 376.90	7 767.80	-
Particle and photon detectors: supplies and equipment	-	10 065.24	10 065.24	-
Services on the CERN site	2 805.03	8 937.78	11 742.81	
Store purchase / Electronics&Electric supplies	810.11	-	810.11	
Store purchase / Mechanical supplies and raw materials	150.74	-	150.74	
Store purchase / Office supply & equipment	35.80	-	35.80	
Technical support	8 743.00	-	8 743.00	
Trainees - Subsistence allowances	7 785.00	-	7 785.00	
Vacuum: supplies and equipment	-	-	-	-
Voyages - logement	1 019.93	-	1 019.93	
Voyages - Indemnities journalieres de voyage	884.85	-	884.85	
Grand Total	139 282.03	37 685.86	176 967.89	-

CERN - MEDICIS PROJECT - MoU KM3384/KT/EN/180C*Expenses - Material (1 January - 30 November 2023): 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	94.71	-	94.71	-
Grand Total	94.71	-	94.71	-

Expenses - Material (1 January - 30 November 2023): 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	213.89	-	213.89	-
Confer-seminars registration fees	851.14	-	851.14	-
Editing, publishing, audiovisual services	165.00	-	165.00	-
Electronics & electrical engineering: supplies, equipt & sces	3 654.48	144.41	3 798.89	-
Entertainment expenses	603.50	-	603.50	-
External transport and packaging	7 755.64	1 426.80	9 182.44	-
Gases and chemicals	1 291.31	422.75	1 714.06	-
Health, safety & environment: supplies and equipment	-	-	-	-
IT supplies, equipment and services	15 000.00	-	15 000.00	-
Measurement instruments	3 564.00	-	3 564.00	-
Mechanical supplies, equipment and works	8 900.60	198.56	9 099.16	-
Mechanical technologies - subcontracting	33 358.69	-	33 358.69	-
Office supplies, equipment and furniture	785.85	19.58	805.43	-
Optics and photonics: supplies and equipment	519.05	4 009.27	3 490.22	-
Project associates - Subsistence allowances	4 714.00	-	4 714.00	-
Services on the CERN site	18 087.83	5 625.82	23 713.65	-
Store purchase / CERN Shop	50.00	-	50.00	-
Store purchase / Electronics&Electric supplies	114.50	-	114.50	-
Store purchase / Gases & chemicals supplies	14.50	-	14.50	-
Store purchase / Health, Safety & Environment	246.30	-	246.30	-
Store purchase / Mechanical supplies and raw materials	714.12	-	714.12	-
Store purchase / Office supply & equipment	19.20	-	19.20	-
Technical support	46 074.71	8 118.00	54 192.71	-
Vacuum: supplies and equipment	380.47	-	380.47	-
Voyages - Autres depenses	297.69	-	297.69	-
Voyages - Indemnit�s journali�res de voyage	1 951.95	-	1 951.95	-
Voyages - logement	1 059.78	-	1 059.78	-
Voyages - transport	2 058.46	323.40	2 381.86	-
Voyages - Indemnit�s journalieres de voyage	884.85	-	884.85	-
Grand Total	150 800.87	12 270.05	163 070.92	

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Expenses - Personnel (1 January - 30 November 2023): 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 Cooperation Associate - 4 months	33%	01/01/23 - 30/04/23	19 200
1 Trainee - 6 months	50%	01/07/23 - 31/12/23	7 785

1557 CHF expected in December

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Expenses - Personnel (1 January - 30 November 2023): 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:			169 919
4 persons comprising 1FTE (BC 57317):			
Staff No.1	30%	01/01/23 - 31/12/23	
Staff No.2	40%	01/01/23 - 31/12/23	
Staff No.3	15%	01/01/23 - 31/12/23	
Staff No.4	15%	01/01/23 - 31/12/23	
Accelerator Systems Department (incl. Material Expenses - BC 63137):			
1 Project Associate - 2 months	17%	01/01/23 - 28/02/23	4 714

15447 CHF expected in December

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Financial contributions for the year 2023 at 30 November 2023: Funded from Financial Contributions (BC 23300)

(Figures based on signed MoUs - Annex 3)

Participant	Received Financial Contributions (kCHF)	Financial Contributions Invoiced (kCHF)
KU Leuven*	147	147
IST	5	5
Latvia Consortium	40	40
PSI	20	20
Total	212	212

* including 2 kCHF of transport reimbursement; 88 kCHF for purchase of an HPLC/ICP-MS system

Details of received donations/grants via C&S Foundation at 30 November 2023

Donor	Donations/grants (kCHF)
Anonymous donation	20
Total	20

Details of expected donations/grants via C&S Foundation for the year 2023

Donor	Donations/grants (kCHF)
Pro-techno Foundation	25
Total	25

Details of expected PRISMAP funds for the year 2023

Participant	Financial Contribution (kCHF)
PRISMAP	24
Total	24

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Financial Summary (2018-Nov2023): Funded from Financial Contributions (BC 23300) and CERN

Accounting Category	2018	2019	2020	2021	2022	2023 (Jan-Nov)
Personnel	138	170.5	173	175	0	
Materials (charged)	309	309	265	322	58	139
Total charged	447	480	438	496	58	139

Participant	2018	2019	2020	2021	2022	2023 (Jan-Nov)
HUG	0	100	100	0		
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

Donor	2018	2019	2020	2021	2022	2023 (Jan-Nov)
ADAM	200	150	150	0		
Fond. Lutte contre cancer	100	25	0	50		
Pro-techno	0	50	0	25	50	
Anonymous						20
Total donations	300	225	150	75	50	20

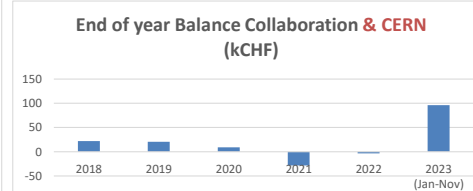
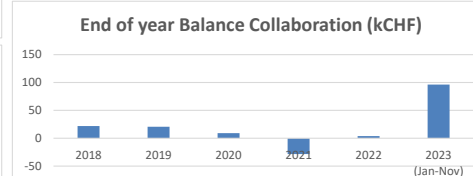
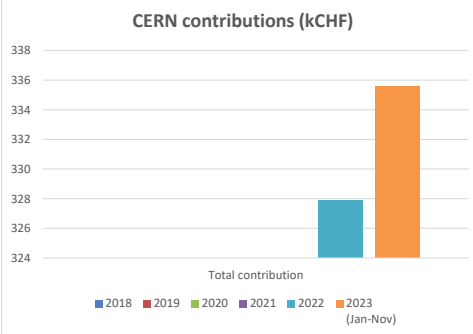
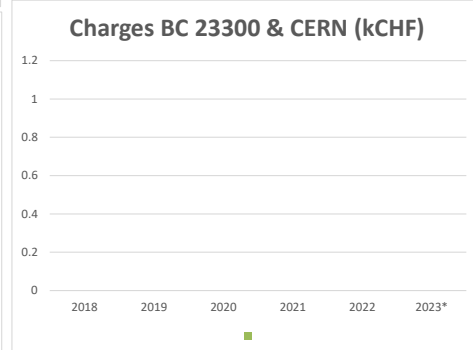
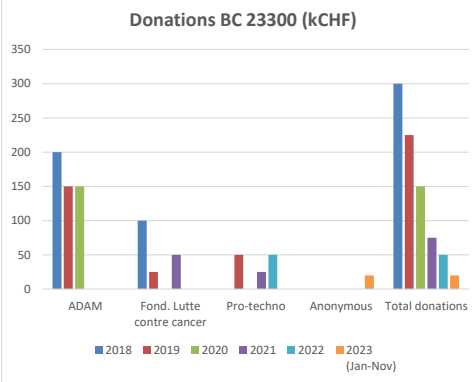
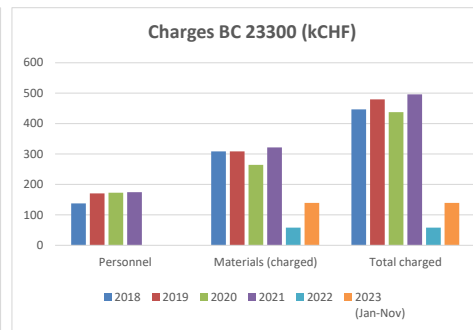
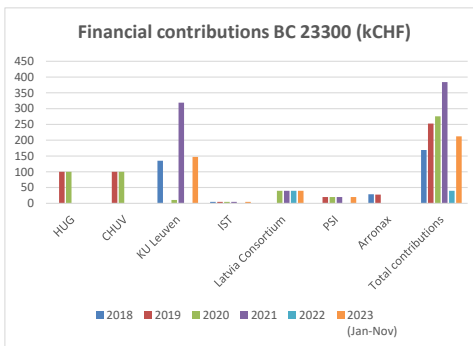
EU Grants	2018	2019	2020	2021	2022	2023 (Jan-Nov)
PRISMAP						
Total grants						0

Cumulative Balance	2018	2019	2020	2021	2022	2023 (Jan-Nov)
Income-spent (Cash/Accounting Balance)	22	21	9	-28	4	96

CERN contribution	2018	2019	2020	2021	2022	2023 (Jan-Nov)
Medical Applications					328	336
Total contribution					328	336

CERN expenses	2018	2019	2020	2021	2022	2023*
Personnel					178	178
Materials (charged)					157	151
Total charged	0	0	0	0	335	329

Collaboration/CERN Cumulative Balance	2018	2019	2020	2021	2022	2023 (Jan-Nov)
Income-spent	22	21	9	-28	-3	96



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

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		100k CHF/year for 2 years from 2019	5 isotope batches over 3 years
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	Students and professor activities at CERN		
Fundación Andaluza Beturia para la Investigación en Salud (F.A.B.I.S.), Huelva, Spain	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		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			