



Economic Commission for Europe

Executive Body for the Convention on Long-range
Transboundary Air Pollution

**Steering Body to the Cooperative Programme for
Monitoring and Evaluation of the Long-range
Transmission of Air Pollutants in Europe**

Working Group on Effects

Seventh joint session

Geneva, 12–16 September 2022

Item 5 of the provisional agenda

Financial and budgetary matters

Financial and budgetary matters***Note by the secretariat***Summary*

The present note sets out the financial requirements for the implementation of activities under the Convention on Long-range Transboundary Air Pollution in 2023–2024. In particular, it outlines the needs for the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe (EMEP), in accordance with the Protocol on long-term financing of the EMEP (EMEP Protocol) and provides financial information on core activities under the Convention not covered by the EMEP Protocol. The note was prepared for consideration by the EMEP Steering Body and the Working Group on Effects at their eighth joint session.

The note also presents proposed recommendations to the Executive Body for the Convention, as required by the EMEP Protocol and Executive Body decision 2002/1 as revised by decisions 2018/8, 2019/22 and 2021/4.

* The present document is being issued without formal editing.



Introduction

1. Section I of the present note sets out the financial requirements for 2023–2024 for the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe (EMEP), as required under article 5 of the 1984 Protocol on the Long-term financing of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe (EMEP Protocol). Section II below sets out the requirements for 2023–2024 for the core activities not covered by the EMEP Protocol, as required by the Executive Body for the Convention on Long-range Transboundary Air Pollution in its decision 2002/1 (ECE/EB.AIR/77/Add.1, annex I, as revised by decisions 2018/8, 2019/22 and 2021/4).¹ The note also provides the basis for, and lists, proposed recommendations to the Executive Body, as required by the EMEP Protocol and revised decision 2002/1.

I. Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe

2. The present section reports on use of the 2021 EMEP budget and the status of contributions by Parties, including those that are outstanding. It also presents the proposed schedule of mandatory contributions for 2023, which will be submitted to the Executive Body for approval, calculated on the basis of the 2021 United Nations scale of assessments.² It further presents the details of the EMEP budget for 2023, prepared by the EMEP Steering Body Bureau.

A. Status of the trust fund, contributions in kind and extrabudgetary contributions

3. The contributions paid by the Parties to the Convention for the long-term financing of EMEP as of 31 July 2022 are summarized in table 1 below. They include both the mandatory contributions from the Parties to the EMEP Protocol within the geographic scope of EMEP and the voluntary contributions from Canada and the United States of America, as Parties outside the geographic scope of EMEP. As detailed in table 1 below, payments in cash in 2022 totalling \$1,138,670 were received by 15 August 2022. The expected cash contributions for 2022 to the trust fund from the following Parties were still outstanding: Albania, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Georgia, Germany, Greece, Hungary, Ireland, Italy, Liechtenstein, Lithuania, Monaco, North Macedonia, Norway, Portugal, Republic of Moldova, Romania, Russian Federation, Sweden, Türkiye and Ukraine.

4. According to the secretariat's records, the total arrears in cash and in kind by 1 January 2022 stood at \$2,742 while the arrears by 1 January 2021 stood at \$107,723.

5. As of 1 January 2022, the following Parties still had outstanding contributions: Greece (for 2019 (partially)); Liechtenstein (for 2021); Montenegro (for 2021); Portugal (for 2021 (partially)) and Republic of Moldova (for 2018, 2019, 2020 and 2021). As of 15 August 2022, Montenegro had paid its arrears.

6. The use of budgeted resources by the EMEP centres in 2021 is presented in table 2 below.

7. In addition to the contributions summarized in table 1 below, voluntary extrabudgetary contributions have been allocated directly to the EMEP centres. In 2021, MSC-West reported in-kind contributions of \$891,680 (including \$75,094 from CIAM and \$147,467 from CEIP), MSC-E an in-kind contribution of \$79,891 (including \$21,048 from

¹ All Executive Body decisions referred to in the present document are available at <https://unece.org/decisions>.

² See General Assembly resolution 76/238 on the scale of assessments for the apportionment of the expenses of the United Nations (A/RES/76/238).

HELCOM and \$58,843 from the OSPAR Commission), and CCC an in-kind contribution of \$12,045.

B. Budget and mandatory contributions for 2023

8. At its forty-first session (Geneva, 6-8 December 2021), the Executive Body approved the detailed use of resources in 2022 in the amount of \$2,358,700, and requested the Steering Body, with the assistance of its Bureau, to present the details of the 2023 budget for approval by the Executive Body at its forty-second session (Geneva, 12–16 December 2022).³ Table 3 below presents the details of the EMEP budget for 2023.

9. At its forty-first session (Geneva, 6-8 December 2021), the Executive Body requested the secretariat to present a revised annex to the EMEP Protocol and a revised scale of mandatory contributions for 2023, based on the most recent United Nations scale of assessments, for consideration at the forty-second session in 2022. A revised schedule of contributions calculated on the basis of the 2021 United Nations scale of assessments is proposed for consideration as set out in Table 4 below. A draft revised annex to the EMEP Protocol is contained in the Annex to this document.

C. Proposed decisions

10. The eighth joint session of the EMEP Steering Body and the Working Group on Effects may wish to:

(a) Take note of the information on the status of contributions to the financing of EMEP provided in the present document and the additional information provided by the secretariat during the session;

(b) Approve the use of resources by the EMEP Centres in 2021, as presented in table 2 below;

(c) Recommend to the Executive Body to agree on the schedule of mandatory contributions from Parties for 2023, as set out in table 4 below;

(d) Call upon the Parties to the EMEP Protocol to consider making voluntary contributions (in kind or in cash through the trust fund) to ensure that the work, especially the difficult tasks required in 2023, can be accomplished as foreseen in the workplan;

(e) Agree on the detailed budget for EMEP for 2023 as presented in table 3 below and submit it to the Executive Body for approval;

(f) Urge Parties that have not yet done so to pay their 2022 contributions in cash to the trust fund and, in 2023, to pay their contributions so that they reach the trust fund in the first half of the year;

(g) Urge Parties owing arrears to pay them in full to the trust fund;

(h) Recommend to the Executive Body to amend the EMEP Protocol by adopting, in accordance with article 4, paragraph 3, of the Protocol, the revised annex set out in the Annex.

II. Core activities not covered by the Protocol on long-term financing of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe

11. The present section sets out the financial requirements of the programme centres not funded through the EMEP Protocol. It reports, as specified in revised decision 2002/1, on the contributions from Parties, both in cash and in kind, made in 2021 and 2022. It also presents

³ ECE/EB.AIR/148, para. 31 (a) and (d).

a proposed budget for 2023 and provisional budgets for 2024 and 2025 for review and submission to the Executive Body for approval. It also presents a recommended scale of contributions for 2023.

A. Contributions from Parties in 2021 and 2022 and the use of contributions

12. At its forty-first session, the Executive Body decided to adopt a total budget for 2022 of \$2,358,700 for the core activities not funded by the EMEP Protocol.⁴ The secretariat sent a letter to all Parties informing them of the recommended contributions to meet the 2022 budget and inviting them to pay those contributions to the trust fund for effects-oriented activities, as agreed in revised decision 2002/1.

13. Throughout 2021 and in 2022, Parties made cash contributions to the trust fund in accordance with revised decision 2002/1. Some contributions were earmarked for particular programme centres and are listed accordingly. Other contributions were not earmarked and are listed as non-earmarked contributions to the trust fund. Table 5 below (2021 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention) and table 6 below (2022 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention, as of 15 August 2022) also identify the contributions recommended to Parties by the Executive Body, as well as the actual contributions made.

14. For 2021, a total of 37 Parties made contributions totalling \$2,421,661, of which \$1,717,298 were contributions in kind directly to the centres and \$704,363 were contributions in cash to the trust fund.

15. As of 15 August 2022, as allowed under revised decision 2002/1, Italy, Norway, Sweden, and the United Kingdom of Great Britain and Northern Ireland informed the secretariat of their contributions in kind for 2021 and 2022. These contributions are presented in tables 7 and 8 below. The use of earmarked and non-earmarked cash contributions for the period 2013–2022 is presented in table 9 below. Table 10 below includes the proposed international coordination costs for 2023, while table 11 below presents recorded contributions to partially fund the effects-oriented activities in 2021.

16. As contributions are received throughout the year, with no advance notice of the amounts to be received, it is not possible to plan for contracts with the centres. Contracts for the current year are drawn up on the basis of contributions made by Parties to the trust fund received in the preceding year. Non-earmarked contributions are divided equally between the centres.

17. In addition to the cash contributions, additional contributions were made by the lead countries of the programmes and by the countries hosting programme centres. A number of Parties also provided additional support through hosting task force meetings, workshops and/or expert meetings.

B. Budget and contributions required for 2023 and provisional budgets for 2024 and 2025

18. At its forty-first session, the Executive Body decided that the budget for financing the core activities not funded by the EMEP Protocol, would provisionally be \$2,358,700 (including 3 per cent programme support costs) in 2023 and \$2,358,700 in 2024.⁵ The details of the budget (international coordination costs) are presented in table 11 below.

19. The Executive Body invited the secretariat to provide the information on the amount of contributions made to the trust fund for effects-oriented activities as of 30 November 2022, and to make it available to the Executive Body at its forty-second session and to use the

⁴ ECE/EB.AIR/148, para. 32 (c).

⁵ *ibid.*, para. 32 (c).

amount as a basis to co-fund the effects-oriented activities in 2023. The Executive Body encouraged Parties to make contributions to the trust fund before 30 November each year.⁶

20. The Executive Body requested the secretariat to present a revised recommended scale of contributions based on the most recent United Nations scale of assessment, for consideration at its forty-second session in 2022. A revised scale of contributions calculated on the basis of the 2021 United Nations scale of assessments is set out in table 12 below.

C. Proposed decisions

21. At their eighth joint session, the EMEP Steering Body and the Working Group on Effects may wish to:

(a) Note the cash contributions made to the trust fund for effects-oriented activities in 2021 and 2022, but also to express disappointment at the lack of response from many Parties;

(b) Approve the 2023 essential international coordination costs of \$2,358,700 for different elements of the effects-oriented activities and the provisional cost estimate of \$2,358,700 for 2024 and 2025, for submission to the Executive Body;

(c) Recommend to the Executive Body to agree on the recommended scale of contributions to the trust fund for core activities not covered by the EMEP Protocol for 2023, as outlined in table 12 below, and to revise decision 2002/1 to reflect the new scale of contributions based on the 2021 United Nations scale of assessments;

(d) Invite all Parties to provide the recommended contributions to the trust fund before 30 November each year;

(e) Note with appreciation the essential support provided to the Convention and its bodies by lead countries, countries hosting coordinating centres and those countries organizing meetings, as well as countries that fund activities of their national focal centres/points and the active participation of national experts.

⁶ *ibid.*, para. 32 (f) and (h).

Table 1

Contributions to the financing of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe as of 31 July 2022

(in United States dollars)

<i>Parties</i>	<i>EMEP Protocol in force since</i>	<i>Contributions received</i>			<i>Contributions in 2022</i>	
		<i>In kind 1981–2010</i>	<i>In cash 1981–2021</i>	<i>Arrears by 1 Jan. 2022</i>	<i>Expected</i>	<i>Received</i>
Albania	6 Sep. 2011	—	4 240	—	530	—
Armenia	21 Jan. 2014	—	2 810	—	460	460
Austria	28 Jan. 1988	—	1 388 514	—	44 890	44 890
Belarus	28 Jan. 1988	120 650	34 560	—	3 250	—
Belgium	28 Jan. 1988	—	1 641 243	—	54 440	—
Bosnia and Herzegovina	6 Mar. 1992	—	13 945	—	790	—
Bulgaria	28 Jan. 1988	60 169	37 600	—	3 050	—
Canada	28 Jan. 1988	—	86 614	—	Voluntary	—
Croatia	8 Oct. 1992	—	103 961	—	5 110	—
Cyprus	18 Feb. 1992	—	54 138	—	2 390	—
Czechia	1 Jan. 1993	—	434 392	—	20 620	—
Denmark	28 Jan. 1988	—	1 152 520	—	36 730	—
Estonia	7 Mar. 2002	—	31 169	—	2 590	2 590
Finland	28 Jan. 1988	—	987 969	—	27 920	27 920
France	28 Jan. 1988	—	8 852 589	—	293 530	293 530
Georgia	8 May 2014	—	3 730	—	530	—
Germany	28 Jan. 1988	—	13 150 496	—	403 790	—
Greece	22 Sep. 1988	—	729 676	895	24 270	—
Hungary	28 Jan. 1988	24 945	280 578	—	13 660	—
Ireland	28 Jan. 1988	—	549 248	—	24 600	—
Italy	12 Apr. 1989	—	6 616 512	—	219 270	—
Latvia	19 May 1997	—	42 560	—	3 120	3 120
Liechtenstein	28 Jan. 1988	—	12 199	—	600	—
Lithuania	7 Nov. 2003	—	48 490	—	4 710	—
Luxembourg	28 Jan. 1988	—	110 298	—	4 440	4 440
Malta	12 June 1997	—	18 340	—	1 130	1 130
Monaco	25 Nov. 1999	—	7 782	—	730	—
Montenegro	23 Oct. 2006	—	2 935	260	260	520
Netherlands	28 Jan. 1988	—	2 843 618	—	89 910	89 910

<i>Parties</i>	<i>EMEP Protocol in force since</i>	<i>Contributions received</i>			<i>Contributions in 2022</i>	
		<i>In kind 1981–2010</i>	<i>In cash 1981–2021</i>	<i>Arrears by 1 Jan. 2022</i>	<i>Expected</i>	<i>Received</i>
North Macedonia	31 Mar. 2010	—	4 490	—	460	—
Norway	28 Jan. 1988	—	1 387 529	—	49 990	—
Poland	13 Dec. 1988	131 337	866 123	—	53 180	53 180
Portugal	10 Apr. 1989	—	571 904	87	23 210	—
Rep. of Moldova	26 July 2016	—	250	900	200	—
Romania	27 July 2003	—	138 780	—	13 130	—
Russian Federation	28 Jan. 1988	2 434 909	2 383 139	—	159 460	—
Serbia	27 Apr. 1992	—	58 865	—	1 860	1 860
Slovakia	28 May 1993	—	165 245	—	10 140	10 140
Slovenia	6 July 1992	—	115 116	—	5 040	5 040
Spain	28 Jan. 1988	—	3 781 364	—	142 290	142 290
Sweden	28 Jan. 1988	—	1 848 319	—	60 070	—
Switzerland	28 Jan. 1988	—	2 013 777	—	76 320	76 320
Türkiye	28 Jan. 1988	—	1 052 159	—	90 900	—
Ukraine	28 Jan. 1988	180 164	79 617	—	3 780	—
United Kingdom	28 Jan. 1988	—	8 674 475	—	302 810	302 810
United States	28 Jan. 1988	—	179 850	—	Voluntary	—
European Union	28 Jan. 1988	—	2 318 857	—	78 540	78 540
Former Czechoslovakia		113 405	—	—	—	—
Former German Democratic Republic		171 052	—	—	—	—
Former Soviet Union		2 669 522	—	—	—	—
Former Yugoslavia		—	25 699	—	—	—
Total	47 Parties	5 906 153	64 908 284	2 742	2 358 700	1 138 670

Table 2

Use of budgeted resources in 2021

(in United States dollars)

Activity area	Total		CCC		MSC-E		MSC-W	
	Budgeted	Reported	Budgeted	Reported	Budgeted	Reported	Budgeted	Reported
A. Atmospheric monitoring	824 000	824 000	824 000	824 000	—	—	—	—
B. Atmospheric modelling	856 000	587 803	—	—	400 000	400 000	456 000	187 803
C. Source-receptor calculations	177 000	449 300	—	—	59 000	59 000	118 000	390 300
D. Integrated assessment modelling ^a	169 000	169 002	—	—	—	—	169 000	169 002
E. Emission inventories ^b	264 000	264 947	—	—	—	—	264 000	264 947
Subtotal (A–E)	2 290 000	2 295 052	824 000	824 000	459 000	459 000	1 007 000	1 012 052
F. Programme support cost (3 percent of A–E)	68 700							
Total (A–F)	2 358 700							

^a Work implemented together with CIAM.

^b Work implemented together with CEIP.

Table 3

Proposed 2023 Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe budget covered by mandatory contributions

(in United States dollars)

<i>Work area</i>	<i>Total</i>	<i>CCC</i>	<i>MSC-E</i>	<i>MSC-W (combined) a</i>	<i>MSC-W (own) b</i>	<i>CEIP</i>	<i>CIAM</i>
A. Atmospheric monitoring	824 000	824 000	—	—	—	—	—
B. Atmospheric modelling	856 000	—	400 000	456 000	456 000	—	—
C. Source-receptor calculations	177 000	—	59 000	118 000	118 000	—	—
D. Integrated assessment modelling	169 000	—	—	169 000	—	—	169 000
E. Emission inventories	264 000	—	—	264 000	—	264 000	—
Subtotal	2 290 000	824 000	459 000	1 007 000	574 000	264 000	169 000
F. Programme support cost (3 per cent)	68 700						
Grand total	2 358 700						

^a Represents the budget for MSC-W, CEIP and CIAM covered by mandatory contributions.

^b Represents the budget for MSC-W alone.

Table 4

Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe scale of contributions calculated on the basis of the 2021 United Nations scale of assessments and the schedule of contributions for 2023

<i>Parties</i>	<i>United Nations 2021 assessment rate (percentage)</i>	<i>“EMEP share” (percentage)</i>	<i>EMEP scale of contributions (percentage)</i>	<i>2023 schedule of contributions (in US dollars)</i>
<i>Non-European Union Parties to the EMEP Protocol</i>				
Albania	0.008	0.0232	0.0234	550
Armenia	0.007	0.0203	0.0205	480
Belarus	0.041	0.1191	0.1198	2 830
Bosnia and Herzegovina	0.012	0.0348	0.0351	830
Canada	2.628	<i>a</i>	<i>a</i>	<i>a</i>
Georgia	0.008	0.0232	0.0234	550
Liechtenstein	0.010	0.0290	0.0292	690
Monaco	0.011	0.0319	0.0321	760
Montenegro	0.004	0.0116	0.0117	280
North Macedonia	0.007	0.0203	0.0205	480
Norway	0.679	1.9719	1.9839	46 790
Rep. of Moldova	0.005	0.0145	0.0146	340
Russian Federation	1.866	5.4191	5.4520	128 600
Serbia	0.032	0.0929	0.0935	2 200
Switzerland	1.134	3.2933	3.3133	78 150
Türkiye	0.845	2.4540	2.4689	58 230
Ukraine	0.056	0.1626	0.1636	3 860
United Kingdom	4.375	12.7056	12.7828	301 510
United States	22.000	<i>a</i>	<i>a</i>	<i>a</i>
<i>European Union Parties</i>				
Austria	0.679	1.9719	1.9839	46 790
Belgium	0.828	2.4046	2.4192	57 060
Bulgaria	0.056	0.1626	0.1636	3 860
Croatia	0.091	0.2643	0.2659	6 270
Cyprus	0.036	0.1045	0.1052	2 480
Czechia	0.340	0.9874	0.9934	23 430
Denmark	0.553	1.6060	1.6157	38 110
Estonia	0.044	0.1278	0.1286	3 030
Finland	0.417	1.2110	1.2184	28 740

<i>Parties</i>	<i>United Nations 2021 assessment rate (percentage)</i>	<i>“EMEP share” (percentage)</i>	<i>EMEP scale of contributions (percentage)</i>	<i>2023 schedule of contributions (in US dollars)</i>
France	4.318	12.5401	12.6162	297 580
Germany	6.111	17.7472	17.8550	421 150
Greece	0.325	0.9438	0.9496	22 400
Hungary	0.228	0.6621	0.6662	15 710
Ireland	0.439	1.2749	1.2827	30 260
Italy	3.189	9.2613	9.3176	219 770
Latvia	0.050	0.1452	0.1461	3 450
Lithuania	0.077	0.2236	0.2250	5 310
Luxembourg	0.068	0.1975	0.1987	4 690
Malta	0.019	0.0552	0.0555	1 310
Netherlands	1.377	3.9990	4.0233	94 900
Poland	0.837	2.4308	2.4455	57 680
Portugal	0.353	1.0252	1.0314	24 330
Romania	0.312	0.9061	0.9116	21 500
Slovakia	0.155	0.4501	0.4529	10 680
Slovenia	0.079	0.2294	0.2308	5 440
Spain	2.134	6.1974	6.2351	147 070
Sweden	0.871	2.5295	2.5449	60 030
European Union	<i>b</i>	3.3300	3.3300	78 540
Total		99.4163	100.000	2 358 700
Azerbaijan	0.030	0.1367	<i>b</i>	<i>b</i>
Iceland	0.036	0.0781	<i>b</i>	<i>b</i>
Kazakhstan	0.133	0.4967	<i>b</i>	<i>b</i>
Kyrgyzstan	0.002	0.0056	<i>b</i>	<i>b</i>
Total (excluding Canada and United States)	33.287	100.000		

^a Voluntary.

^b Not applicable.

Table 5

2021 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention

(in United States dollars)

<i>Parties</i>	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M and M</i>	<i>Health</i>	<i>CIAM</i>	<i>Earmarked in cash</i>	<i>Non-earmarked in cash</i>	<i>Total cash received</i>	<i>Recommended contribution</i>
Albania	—	—	—	—	—	—	—	—	—	487	487	527
Armenia	—	—	—	—	—	—	—	—	—	—	—	461
Austria	2 385	—	—	—	—	—	—	42 170	44 555	—	44 555	44 555
Azerbaijan	—	—	—	—	—	—	—	—	—	2 972	2 972	3 225
Belarus	—	—	—	—	—	—	—	—	—	3 225	3 225	3 225
Belgium	—	—	—	—	—	—	—	—	—	38 146	38 146	54 032
Bosnia and Herzegovina	—	—	—	—	—	—	—	—	—	790	790	790
Bulgaria	525	—	—	—	—	—	—	—	525	3 027	3 552	3 027
Canada	—	—	—	—	—	—	—	—	—	—	—	—
Croatia	—	—	—	—	—	—	—	—	—	5 068	5 068	5 068
Cyprus	—	—	—	—	—	—	—	—	—	2 369	2 369	2 369
Czechia	1 500	—	—	—	—	—	—	—	—	20 468	21 968	20 468
Denmark	2 070	—	—	—	—	—	—	—	2 070	36 440	38 510	36 440
Estonia	262	—	—	—	—	—	—	—	262	—	262	2 567
Finland	1 585	—	—	—	—	—	—	—	1 585	—	1 585	27 707
France	17 985	—	—	—	—	—	—	—	17 985	—	17 985	291 354
Georgia	—	—	—	—	—	—	—	—	—	527	527	527
Germany	27 705	—	—	—	—	—	—	—	27 705	—	27 705	400 801
Greece	—	—	—	—	—	—	—	—	—	—	—	24 088

<i>Parties</i>	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M and M</i>	<i>Health</i>	<i>CIAM</i>	<i>Earmarked in cash</i>	<i>Non-earmarked in cash</i>	<i>Total cash received</i>	<i>Recommended contribution</i>
Hungary	675	—	—	—	—	—	—	—	675	13 557	14 232	13 557
Iceland	—	—	—	—	—	—	—	—	—	1 823	1 823	1 843
Ireland	—	—	—	—	—	—	—	—	—	24 417	24 417	24 417
Italy	—	—	—	—	—	—	—	—	—	—	—	217 643
Kazakhstan	—	—	—	—	—	—	—	—	—	11 715	11 715	11 715
Kyrgyzstan	—	—	—	—	—	—	—	—	—	—	—	132
Latvia	—	—	—	—	—	—	—	—	—	—	—	3 093
Liechtenstein	—	—	—	—	—	—	—	—	—	592	592	592
Lithuania	1 182	—	—	—	—	—	—	—	1 182	4 673	5 855	4 673
Luxembourg	—	—	—	—	—	—	—	—	—	4 409	4 409	4 409
Malta	—	—	—	—	—	—	—	—	—	1 095	1 095	1 119
Monaco	—	—	—	—	—	—	—	—	—	724	724	724
Montenegro	24	—	—	—	—	—	—	—	24	263	287	263
Netherlands	—	—	—	—	—	—	—	—	—	89 222	89 222	89 222
North Macedonia	—	—	—	—	—	—	—	—	—	461	461	461
Norway	1 693	49 613	—	—	—	—	—	—	51 306	—	51 306	49 623
Poland	—	—	—	—	—	—	—	—	—	52 782	52 782	52 782
Portugal	—	—	—	—	—	—	—	—	—	—	—	23 035
Rep. of Moldova	—	—	—	—	—	—	—	—	—	—	—	197
Romania	—	—	—	—	—	—	—	—	—	—	—	13 031
Russian Federation	—	—	—	—	—	—	—	—	—	—	—	158 280
Serbia	321	—	—	—	—	—	—	—	—	1 682	2 003	1 843

<i>Parties</i>	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M and M</i>	<i>Health</i>	<i>CIAM</i>	<i>Earmarked in cash</i>	<i>Non-earmarked in cash</i>	<i>Total cash received</i>	<i>Recommended contribution</i>
Slovakia	785	—	—	—	—	—	—	—	785	—	785	10 069
Slovenia	—	—	—	—	—	—	—	—	—	5 002	5 002	5 002
Spain	10 620	—	—	—	—	—	—	—	10 620	—	10 620	141 235
Sweden	—	—	—	—	—	—	—	—	—	59 607	59 607	59 627
Switzerland	—	—	—	—	—	—	—	—	—	75 751	75 751	75 751
Türkiye	—	—	—	—	—	—	—	—	—	—	—	90 230
Ukraine	—	—	—	—	—	—	—	—	—	3 424	3 424	3 751
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	300 568
United States	—	—	—	—	—	—	—	—	—	—	—	—
European Union	—	—	—	—	—	—	—	—	—	78 545	78 545	78 545
Total	69 317	49 613	—	—	—	—	—	42 170	161 100	543 263	704 363	2 358 700

Note: Contributions listed under programme centres and other subsidiary bodies of the Convention include earmarked funds towards their work. Recommended contributions are as agreed by the Executive Body.

Abbreviations: ICP F, International Cooperative Programme (ICP) on Assessment and Monitoring of Air Pollution Effects on Forests; ICP W, ICP on Assessment and Monitoring of the Effects of Air Pollution on Rivers and Lakes; ICP M, ICP on Effects of Air Pollution on Materials, including Historic and Cultural Monuments; ICP V, ICP on Effects of Air Pollution on Natural Vegetation and Crops; ICP IM, ICP on Integrated Monitoring of Air Pollution Effects on Ecosystems; ICP M and M, ICP on Modelling and Mapping of Critical Levels and Loads and Air Pollution Effects, Risks and Trends; Health, Joint Task Force on the Health Aspects of Air Pollution; CIAM, Centre for Integrated Assessment Modelling.

Table 6

2022 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention, as of 15 August 2022

(in United States dollars)

<i>Parties</i>	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M and M</i>	<i>Health</i>	<i>CIAM</i>	<i>Earmarked in cash</i>	<i>Non-earmarked in cash</i>	<i>Total cash received</i>	<i>Recommended contribution</i>
Albania	—	—	—	—	—	—	—	—	—	—	—	527
Armenia	—	—	—	—	—	—	—	—	—	—	—	461
Austria	2 385	—	—	—	—	—	—	—	2 385	—	2385	44 555
Azerbaijan	—	—	—	—	—	—	—	—	—	—	—	3 225
Belarus	—	—	—	—	—	—	—	—	—	—	—	3 225
Belgium	—	—	—	—	—	—	—	—	—	—	—	54 032
Bosnia and Herzegovina	—	—	—	—	—	—	—	—	—	—	—	790
Bulgaria	525	—	—	—	—	—	—	—	525	—	525	3 027
Canada	—	—	—	—	—	—	—	—	—	—	—	—
Croatia	—	—	—	—	—	—	—	—	—	—	—	5 068
Cyprus	—	—	—	—	—	—	—	—	—	—	—	2 369
Czechia	—	—	—	—	—	—	—	—	—	—	—	20 468
Denmark	2 070	—	—	—	—	—	—	—	2 070	—	2 070	36 440
Estonia	262	—	—	—	—	—	—	—	262	—	262	2 567
Finland	—	—	—	—	—	—	—	—	—	—	—	27 707
France	17 985	—	—	—	—	—	—	—	17 985	—	17 985	291 354
Georgia	—	—	—	—	—	—	—	—	—	—	—	527
Germany	—	—	—	—	—	—	—	—	—	—	—	400 801
Greece	—	—	—	—	—	—	—	—	—	—	—	24 088

<i>Parties</i>	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M and M</i>	<i>Health</i>	<i>CIAM</i>	<i>Earmarked in cash</i>	<i>Non-earmarked in cash</i>	<i>Total cash received</i>	<i>Recommended contribution</i>
Hungary	675	—	—	—	—	—	—	—	675	—	675	13 557
Iceland	—	—	—	—	—	—	—	—	—	—	—	1 843
Ireland	—	—	—	—	—	—	—	—	—	—	—	24 417
Italy	—	—	—	—	—	—	—	—	—	—	—	217 643
Kazakhstan	—	—	—	—	—	—	—	—	—	—	—	11 715
Kyrgyzstan	—	—	—	—	—	—	—	—	—	—	—	132
Latvia	—	—	—	—	—	—	—	—	—	—	—	3 093
Liechtenstein	—	—	—	—	—	—	—	—	—	—	—	592
Lithuania	—	—	—	—	—	—	—	—	—	—	—	4 673
Luxembourg	168	—	—	—	—	—	—	—	168	—	168	4 409
Malta	—	—	—	—	—	—	—	—	—	—	—	1 119
Monaco	—	—	—	—	—	—	—	—	—	—	—	724
Montenegro	24	—	—	—	—	—	—	—	24	—	24	263
Netherlands	—	—	—	—	—	—	—	—	—	—	—	89 222
North Macedonia	—	—	—	—	—	—	—	—	—	—	—	461
Norway	1 685	—	—	—	—	—	—	—	1 685	—	1 685	49 623
Poland	—	—	—	—	—	—	—	—	—	—	—	52 782
Portugal	—	—	—	—	—	—	—	—	—	—	—	23 035
Rep. of Moldova	—	—	—	—	—	—	—	—	—	—	—	197
Romania	532	—	—	—	—	—	—	—	532	13031	13 563	13 031
Russian Federation	—	—	—	—	—	—	—	—	—	—	—	158 280
Serbia	—	—	—	—	—	—	—	—	—	—	—	1 843

<i>Parties</i>	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M and M</i>	<i>Health</i>	<i>CIAM</i>	<i>Earmarked in cash</i>	<i>Non-earmarked in cash</i>	<i>Total cash received</i>	<i>Recommended contribution</i>
Slovakia	785	—	—	—	—	—	—	—	785	—	785	10 069
Slovenia	—	—	—	—	—	—	—	—	—	—	—	5 002
Spain	—	—	—	—	—	—	—	—	—	—	—	141 235
Sweden	—	—	—	—	—	—	—	—	—	—	—	59 627
Switzerland	3 390	—	—	—	—	—	—	—	3 390	—	3 390	75 751
Türkiye	—	—	—	—	—	—	—	—	—	—	—	90 230
Ukraine	—	—	—	—	—	—	—	—	—	3 751	3 751	3 751
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	300 568
United States	—	—	—	—	—	—	—	—	—	—	—	—
European Union	—	—	—	—	—	—	—	—	—	—	—	78 545
Total	30 486	49 612	—	—	—	—	—	—	30 486	16 782	47 268	2 358 700

Note: Contributions listed under programme centres and other subsidiary bodies of the Convention include earmarked funds towards their work. Recommended contributions are as agreed by the Executive Body

Table 7

Contributions in kind towards financing selected core activities under the Convention in 2021

(in United States dollars)

<i>Contributors in 2021</i>	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>CCE</i>	<i>CDM</i>	<i>Health</i>	<i>Total (Party)</i>
Finland	—	—	—	—	136 000	—	—	—	136 000
Germany ^a	477 289	—	—	—	—	488 734	—	—	966 023
Italy	—	—	48 000	—	—	—	—	—	48 000
Norway ^b	—	200 823	33 375	—	—	—	—	—	234 198
Sweden ^c	—	—	60 804	—	70 159	—	61 974	—	192 937
Switzerland	—	—	—	—	—	—	—	—	—
United Kingdom ^d	—	—	—	140 140	—	—	—	—	140 140
Total (body)	477 289	200 823	142 179	140 140	206 159	488 734	61 974	0	1 717 298

Notes: For column heading abbreviations, please see notes to table 5. CCE = Coordination Centre for Effects, CDM= Centre for Dynamic Modelling

^a Contributions in kind worth €401,400 and €411,025 respectively

^b Contributions in kind worth NOK 1,757,000 and NOK 292,000 respectively.

^c Contributions in kind worth SEK 520,000, SEK 600,000 and SEK 530,000 respectively.

^d Contribution in kind worth GBP 100,200

Table 8

Contributions in kind towards financing selected core activities under the Convention in 2022 (preliminary as of 15 August 2022)

(in United States dollars)

<i>Contributors in 2021</i>	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>CCE</i>	<i>CDM</i>	<i>Health</i>	<i>Total (Party)</i>
Finland ^a	—	—	—	—	—	—	—	—	—
Germany ^b	416 937	—	—	—	—	423 503	—	—	840 440
Italy	—	—	48 000	—	—	—	—	—	48 000
Norway ^c	—	179 414	31 757	—	—	—	—	—	211 171
Sweden ^d	—	—	50 441	—	53 351	—	61 112	—	164 904
Switzerland ^e	—	—	—	—	—	—	—	—	—
United Kingdom ^e	—	—	—	116 703	—	—	—	—	116 703
Total (body)	416 937	179 414	130 198	116 703	53 351	423 503	61 112	0	1 381 218

^a Data not provided by 15 August 2022.

^b Contributions in kind worth €411,100 and €417,574 respectively

^c Contributions in kind worth Nkr 1,757,000 and Nkr 311,000 respectively.

^d Contributions in kind worth SKr 520,000, SKr 550,000 and SKr 630,000 respectively.

^e Contribution in kind worth £96,280.

Table 9

Use of cash contributions to partially fund the effects-oriented activities in the period 2013–2022

(in United States dollars)

<i>Activity area</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022^a</i>
<i>Earmarked</i>										
ICP F	36 700	59 900	54 600	35 900	52 200	56 900	56 900	66 400	60 500	69 300
ICP W	41 900	41 900	42 800	55 900	41 800	46 300	46 400	47 100	45 300	49 600
ICP M	—	—	—	—	—	55 200	—	44 500	—	—
ICP V	—	—	—	8 000	—	—	—	—	—	—
ICP IM	—	—	—	—	—	—	—	—	—	—
CCE	—	—	—	—	76 100	—	—	—	—	—
CDM	—	—	—	—	—	—	—	—	—	—
CIAM	38 600	38 600	37 800	40 800	36 800	36 900	37 000	37 700	36 300	42 200
Health	—	—	—	—	—	—	—	—	—	—
Total earmarked	117 200	140 400	135 200	140 600	206 900	195 300	145 400	195 700	144 100	161 100
<i>Non-earmarked</i>										
ICP F	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800	54 600	60 300
ICP W	48 700	47 600	42 600	49 800	51 000	52 900	73 200	59 800	54 600	60 300
ICP M	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800	54 600	60 300
ICP V	48 700	47 600	42 600	49 800	51 000	52 900	73 200	59 800	54 600	60 300
ICP IM	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800	54 600	60 300
CCE	48 700	47 600	42 600	49 800	51 000	52 900	73 200	59 800	54 600	60 300
CDM	—	—	—	—	—	—	—	59 800	54 600	60 300
CIAM	48 700	47 600	42 600	49 800	51 000	52 900	73 200	59 800	54 600	60 300
Health	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800	54 600	60 300
Total non-earmarked	389 600	380 800	340 800	398 400	408 800	423 200	585 600	538 200	491 400	542 700

^a Committed but not yet disbursed from the trust fund.

^b Non-earmarked contributions were shared equally among ICPs, the Task Force on Health and CIAM.

Table 10

International coordination costs for core activities in 2023 not funded through the Protocol on long-term financing of the Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe

(in United States dollars)

<i>Activities</i>	<i>ICP F PCC^a</i>	<i>ICP W; PC^b</i>	<i>ICP M; PMRC^c</i>	<i>ICP V; PCC^d</i>	<i>ICP IM PC^e</i>	<i>ICP M and M/CCE^f</i>	<i>ICP M and M/CDM^g</i>	<i>Health^h</i>	<i>CIAMⁱ</i>	<i>Total (activities)</i>
Monitoring and assessment	100 000	60 000	70 000	30 000	75 000	—	—	—	—	335 000
Dose-response	40 000	60 000	75 000	75 000	40 000	—	30 000	—	—	290 000
Critical loads and levels	45 000	35 000	70 000	55 000	30 000	135 000	50 000	—	—	370 000
Dynamic modelling	35 000	40 000	35 000	20 000	80 000	140 000	100 000	—	—	350 000
Database management	85 000	65 000	60 000	70 000	75 000	35 000	20 000	—	—	390 000
Total (body)	305 000	260 000	310 000	250 000	300 000	310 000	200 000	115 000	240 000	2 290 000^j

Abbreviations: PC, Programme Centre; PCC, Programme Coordinating Centre; PMRC, Programme Main Research Centre.

^a Lead Country: Germany. Programme Coordinating Centre: Thünen Institute of Forest Ecosystems, Eberswalde, Germany.

^b Lead Country: Norway. Programme Centre: Norwegian Institute for Water Research, Oslo.

^c Lead Countries: Sweden and Italy. PMRC: Research Institutes of Sweden KIMAB, Stockholm.

^d Lead Country: United Kingdom of Great Britain and Northern Ireland. PCE: United Kingdom Centre for Ecology and Hydrology, Bangor, United Kingdom of Great Britain and Northern Ireland.

^e Lead Country: Sweden. PC: Swedish University of Agricultural Sciences, Uppsala, Sweden.

^f Lead Country: France. CCE: German Environment Agency, Dessau-Roßlau, Germany.

^g Lead Country: Sweden. PC: Swedish Environmental Research Institute, Stockholm.

^h Led by the World Health Organization (WHO) European Centre for Environment and Health (ECEH), Bonn, Germany; essential coordination costs borne by WHO ECHEH.

ⁱ Hosted by the International Institute for Applied Systems Analysis, Laxenburg, Austria.

^j Subject to 3 per cent programme support costs, i.e. \$68,700.

Table 11
Recorded contributions to partially fund the effects-oriented activities in 2021
(in United States dollars)

<i>Activities</i>	<i>Contributions paid from the trust fund</i>		<i>Contributions in kind</i>	<i>Total recorded contributions</i>	<i>Budget 2021</i>	<i>Budget deficit (in percentage)</i>
	<i>Earmarked</i>	<i>Non-earmarked^a</i>				
ICP F	60 500	54 600	477 289	592 389	305 000	—
ICP W	45 300	54 600	200 823	300 723	260 000	—
ICP M	—	54 600	142 179	196 779	310 000	37
ICP V	—	54 600	140 140	194 740	250 000	22
ICP IM	—	54 600	206 159	260 759	300 000	13
ICP M and M/CCE	—	54 600	488 734	543 334	310 000	—
ICP M and M/CDM	—	54 600	61 974	116 574	200 000	42
CIAM	36 300	54 600	—	92 900	240 000	61
Health	—	54 600	—	54 600	115 000	53
Total	144 100	491 400	1 717 298	2 352 798	2 290 000	

Notes: The total budget is subject to 3 per cent programme support costs, i.e. \$62,700.

^a Non-earmarked contributions were shared equally among the ICPs, the Task Force on Health and CIAM.

Table 12

Recommended scale of contributions to the trust fund for core activities not covered by the EMEP Protocol for 2023

<i>Parties to Convention ^a</i>	<i>United Nations 2021 assessment rate ^b (percentage)</i>	<i>Recommended scale (percentage)</i>	<i>Recommended contribution (in US dollars)</i>
<i>Non-European Union countries</i>			
Albania	0.008	0.023	548
Armenia	0.007	0.020	479
Azerbaijan	0.030	0.087	2 055
Belarus	0.041	0.119	2 808
Bosnia and Herzegovina	0.012	0.035	822
Georgia	0.008	0.023	548
Iceland	0.036	0.105	2 466
Kazakhstan	0.133	0.386	9 110
Kyrgyzstan	0.002	0.006	137
Liechtenstein	0.010	0.029	685
Monaco	0.011	0.032	753
Montenegro	0.004	0.012	274
North Macedonia	0.007	0.020	479
Norway	0.679	1.972	46 511
Rep. of Moldova	0.005	0.015	342
Russian Federation	1.866	5.419	127 821
Serbia	0.032	0.093	2 192
Switzerland	1.134	3.293	77 679
Türkiye	0.845	2.454	57 882
Ukraine	0.056	0.163	3 836
United Kingdom	4.375	12.706	299 687
<i>European Union countries</i>			
Austria	0.679	1.972	46 511
Belgium	0.828	2.405	56 718
Bulgaria	0.056	0.163	3 836
Croatia	0.091	0.264	6 233
Cyprus	0.036	0.105	2 466
Czechia	0.340	0.987	23 290
Denmark	0.553	1.606	37 880
Estonia	0.044	0.128	3 014

<i>Parties to Convention ^a</i>	<i>United Nations 2021 assessment rate ^b (percentage)</i>	<i>Recommended scale (percentage)</i>	<i>Recommended contribution (in US dollars)</i>
Finland	0.417	1.211	28 564
France	4.318	12.540	295 782
Germany	6.111	17.747	418 603
Greece	0.325	0.944	22 262
Hungary	0.228	0.662	15 618
Ireland	0.439	1.275	30 071
Italy	3.189	9.261	218 446
Latvia	0.050	0.145	3 425
Lithuania	0.077	0.224	5 274
Luxembourg	0.068	0.197	4 658
Malta	0.019	0.055	1 301
Netherlands	1.377	3.999	94 324
Poland	0.837	2.431	57 334
Portugal	0.353	1.025	24 180
Romania	0.312	0.906	21 372
Slovakia	0.155	0.450	10 617
Slovenia	0.079	0.229	5 411
Spain	2.134	6.197	146 179
Sweden	0.871	2.530	59 663
European Union	—	3.33	78 545
Total	33.287	100 000	2 358 700

Notes:

^a Canada and the United States of America: voluntary contributions.

^b See General Assembly resolution 76/238 on the scale of assessments for the apportionment of the expenses of the United Nations.

Annex

Draft annex referred to in article 4 of the Protocol on Long-term Financing of the Cooperative Programme for the Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe

Mandatory contributions for sharing of costs for financing EMEP shall from 2022 onwards be calculated according to the scale set out in the following table.**

<i>Contracting Party</i>	<i>Percentage</i>
Albania	0.0232
Armenia	0.0203
Belarus	0.1191
Bosnia and Herzegovina	0.0348
Canada	Voluntary
Georgia	0.0232
Liechtenstein	0.0290
Monaco	0.0319
Montenegro	0.0116
North Macedonia	0.0203
Norway	1.9719
Republic of Moldova	0.0145
Russian Federation	5.4191
Serbia	0.0929
Switzerland	3.2933
Türkiye	2.4540
Ukraine	0.1626
United Kingdom	12.7056
United States	Voluntary
Austria	1.9719
Belgium	2.4046
Bulgaria	0.1626
Croatia	0.2643
Cyprus	0.1045
Czechia	0.9874

** The order in which the Contracting Parties are listed in this annex is specifically made in relation to the cost-sharing system agreed upon by the Executive Body for the Convention. Accordingly, the listing is a feature which is specific to the Protocol on the Financing of EMEP.

<i>Contracting Party</i>	<i>Percentage</i>
Denmark	1.6060
Estonia	0.1278
Finland	1.2110
France	12.5401
Germany	17.7472
Greece	0.9438
Hungary	0.6621
Ireland	1.2749
Italy	9.2613
Latvia	0.1452
Lithuania	0.2236
Luxembourg	0.1975
Malta	0.0552
Netherlands	3.9990
Poland	2.4308
Portugal	1.0252
Romania	0.9061
Slovakia	0.4501
Slovenia	0.2294
Spain	6.1974
Sweden	2.5295
European Union	3.3300
Total	99.4163
