



Economic and Social Council

Distr.: General
10 August 2021

English only

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, 13–16 September 2021

Item 4 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 2022–2023. 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 seventh 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 and 2019/22.



Introduction

1. Section I of the present note sets out the financial requirements for 2022–2023 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 2022–2023 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 and 2019/22).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 2020 EMEP budget and the status of contributions by Parties, including those that are outstanding. It also presents the proposed schedule of mandatory contributions for 2022, which will be submitted to the Executive Body for approval, calculated on the basis of the 2018 United Nations scale of assessments.² It further presents the details of the EMEP budget for 2022, 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 2021 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 2021 totalling \$1,799,658 were received by 31 July 2021. The expected cash contributions for 2021 to the trust fund from the following Parties were still outstanding: European Union, Greece, Ireland, Liechtenstein, Montenegro, North Macedonia, Portugal, Republic of Moldova, Romania, Slovenia, Turkey and United Kingdom of Great Britain and Northern Ireland.

4. According to the secretariat's records, the total arrears in cash and in kind by 1 January 2021 stood at \$107,723 while the arrears by 1 January 2020 stood at \$136,033.

5. As of 1 January 2021, the following Parties still had outstanding contributions: Armenia (for 2017 (partially), 2018, 2019 and 2020); Bosnia and Herzegovina (for 2019 and 2020); Greece (for 2019 (partially)); Republic of Moldova (for 2018, 2019 and 2020); Serbia (for 2020); Slovenia (for 2019 and 2020); and Turkey (for 2020). As of 31 July 2021, Armenia, Bosnia and Herzegovina and Serbia had paid their arrears.

6. The use of budgeted resources by the EMEP centres in 2020 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 over several years. In 2011, the Meteorological Synthesizing Centre-West (MSC-W) received extrabudgetary contributions directly from its host institution, the Norwegian Meteorological

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

² See General Assembly resolution 73/271 on the scale of assessments for the apportionment of the expenses of the United Nations (A/RES/73/271).

Institute, totalling \$737,329 (\$1,366,277 in 2012, and \$1,576,212 in 2013), excluding the contribution by the Centre for Integrated Assessment Modelling (CIAM) of \$97,329 (\$108,611 in 2012, and \$197,590 in 2013). In 2011, the Chemical Coordinating Centre (CCC) received the equivalent of \$150,000 (\$65,000 in 2012, and \$111,000 in 2013) from its host institution, the Norwegian Institute for Air Research. Also in 2011, the Meteorological Synthesizing Centre-East (MSC-E) received \$105,436 from the European Union, \$17,861 from the Baltic Marine Environment Protection Commission (HELCOM), \$19,340 from the Italian National Agency for New Technologies, Energy and Sustainable Economic Development and \$8,100 from Sweden in the framework of the Baltic Persistent Organic Pollutants Project. The total value of the in-kind contribution by MSC-E to its own work in 2011 was \$150,537 (no in-kind contribution was reported in 2012, and \$57,635 was contributed in 2013). In 2014, CCC reported in-kind contributions of a value of \$127,000, MSC-W reported in-kind contributions of a value of \$1,698,443 (including \$137,613 from CIAM) and MSC-E reported in-kind contributions valued at \$75,308. In 2015, MSC-W reported in-kind contributions of a value of \$1,632,156 (including \$96,264 from CIAM) while MSC-E reported in-kind contributions valued at \$40,678. In 2016, MSC-W reported in-kind contribution of a value of \$627,666 (including \$155,516 from CIAM), MSC-E reported in-kind contribution valued at \$94,139, while CCC reported in-kind contribution valued at \$23,361. In 2017, MSC-W reported in-kind contributions of \$400,574 (including \$156,695 from CIAM), MSC-E an in-kind contribution of \$33,879, and CCC an in-kind contribution of \$45,433. In 2018, MSC-W reported in-kind contributions of \$534,847 (including \$95,901 from CIAM and \$190,610 from the Centre on Emission Inventories and Projections (CEIP), MSC-E an in-kind contribution of \$49,549, and CCC an in-kind contribution of \$16,411. In 2019, MSC-W reported in-kind contributions of \$725,524 (including \$156,551 from CIAM and \$183,800 from CEIP), MSC-E an in-kind contribution of \$21,733 from HELCOM, and CCC an in-kind contribution of \$162,022. In 2020, MSC-West reported in-kind contributions of \$688,727 (including \$116,649 from CIAM and \$140,900 from CEIP), MSC-E an in-kind contribution of \$48,964 (including \$19,943 from HELCOM and \$29,021 from the German Environment Agency), and CCC an in-kind contribution of \$331,368.

B. Budget and mandatory contributions for 2022–2023

8. At its fortieth session (Geneva, 18 December 2020), the Executive Body approved the detailed use of resources in 2021 in the amount of \$2,358,700, and requested the Steering Body, with the assistance of its Bureau, to present the details of the 2022 budget for approval by the Executive Body at its forty-first session (Geneva, 6–10 December 2021).³ Table 3 below presents the details of the EMEP budget for 2022.

9. Table 4 below contains the schedule of mandatory contributions for 2022, based on the annex to the EMEP Protocol, as amended at the thirty-ninth session of the Executive Body (Geneva, 9–13 December 2019).⁴ It is proposed that the schedule of mandatory contributions for 2023 be prepared on the basis of a revised annex to the EMEP Protocol reflecting the 2021 United Nations scale of assessments.

C. Proposed decisions

10. The seventh 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 2020, as presented in table 2 below;

³ ECE/EB.AIR/146, para. 21 (a) and (d).

⁴ ECE/EB.AIR/144, para. 48 (g).

(c) Agree on the schedule of mandatory contributions from Parties for 2022, as set out in table 4 below, and recommend to the Executive Body that the schedule of mandatory contributions for 2023 be based on a revised annex to EMEP Protocol taking into account the 2021 United Nations scale of assessments;

(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 2022, can be accomplished as foreseen in the workplan;

(e) Agree on the detailed budget for EMEP for 2022 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 2021 contributions in cash to the trust fund and, in 2022, 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.

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 2020 and 2021. It also presents a proposed budget for 2022 and provisional budgets for 2023 and 2024 for review and submission to the Executive Body for approval. It also presents a recommended scale of contributions for 2022.

A. Contributions from Parties in 2020 and 2021 and the use of contributions

12. At its fortieth session, the Executive Body decided to adopt a total budget for 2021 of \$2,358,700 for the core activities not funded by the EMEP Protocol.⁵ The secretariat sent a letter to all Parties informing them of the recommended contributions to meet the 2021 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 2020 and in 2021, 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 (2020 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention) and table 6 below (2021 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention, as of 31 July 2021) also identify the contributions recommended to Parties by the Executive Body, as well as the actual contributions made.

14. For 2020, a total of 37 Parties made contributions totalling \$1,826,186, of which \$1,190,300 were contributions in kind directly to the centres and \$635,886 were contributions in cash to the trust fund.

15. As of 31 July 2021, as allowed under revised decision 2002/1, Finland, Italy, Norway, Sweden, Switzerland and the United Kingdom of Great Britain and Northern Ireland informed the secretariat of their contributions in kind for 2020 and 2021. These contributions are presented in tables 7 and 8 below. The use of earmarked and non-earmarked cash contributions for the period 2012–2021 is presented in table 9 below. Table 10 below includes

⁵ ECE/EB.AIR/146, para. 22 (c).

the proposed international coordination costs for 2022, while table 11 below presents recorded contributions to partially fund the effects-oriented activities in 2020.

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 by 30 November of 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 2022 and provisional budgets for 2023 and 2024

18. At its fortieth session, the Executive Body decided that the budget for financing the core activities not funded by the EMEP Protocol, would be provisionally be \$2,358,700 (including 3 per cent programme support costs) in 2022 and \$2,358,700 in 2023.⁶ 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 2021, and to make it available to the Executive Body at its forty-first session. It recommended that the amount be used as a basis to co-fund the effects-oriented activities in 2022. The Executive Body encouraged Parties to make contributions to the trust fund before 30 November each year.⁷

20. The Executive Body amended decision 2002/1 by adopting a new scale of contributions, based on the 2018 United Nations scale of assessments (decision 2019/22). A recommended scale of contributions for 2022, based on decision 2002/1 as amended by decision 2019/22, is set out in table 12 below. It is proposed that the recommended scale of contributions for 2023 be prepared on the basis of a revised annex to decision 2002/1 reflecting the 2021 United Nations scale of assessments.

C. Proposed decisions

21. At their seventh 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 2020 and 2021, but also to express disappointment at the lack of response from many Parties;

(b) Approve the 2022 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 2023 and 2024, for submission to the Executive Body;

(c) Agree on the recommended scale of contributions to the trust fund for core activities not covered by the EMEP Protocol for 2022, as outlined in table 12 below, and recommend that the recommended scale of contributions for 2023 be 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

⁶ *ibid.*, para. 22 (c).

⁷ *ibid.*, para. 22 (f) and (h).

organizing meetings, as well as countries that fund activities of their national focal centres/
points and the active participation of national experts.

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 2021
(in United States dollars)

<i>Parties</i>	<i>EMEP Protocol in force since</i>	<i>Contributions received</i>			<i>Contributions in 2021</i>	
		<i>In kind 1981–2010</i>	<i>In cash 1981–2020</i>	<i>Arrears by 1 Jan. 2021</i>	<i>Expected</i>	<i>Received</i>
Albania	6 Sep. 2011	—	3 710	—	530	530
Armenia	21 Jan. 2014	—	832	1 518	460	1 978
Austria	28 Jan. 1988	—	1 343 624	—	44 890	44 890
Belarus	28 Jan. 1988	120 650	31 310	—	3 250	3 250
Belgium	28 Jan. 1988	—	1 586 803	—	54 440	54 440
Bosnia and Herzegovina	6 Mar. 1992	—	11 555	1 600	790	2 390
Bulgaria	28 Jan. 1988	60 169	34 550	—	3 050	3 050
Canada	28 Jan. 1988	—	86 614	—	Voluntary	Voluntary
Croatia	8 Oct. 1992	—	98 851	—	5 110	5 110
Cyprus	18 Feb. 1992	—	51 748	—	2 390	2 390
Czechia	1 Jan. 1993	—	413 772	—	20 620	20 620
Denmark	28 Jan. 1988	—	1 115 790	—	36 730	36 730
Estonia	7 Mar. 2002	—	28 579	—	2 590	2 590
Finland	28 Jan. 1988	—	960 049	—	27 920	27 920
France	28 Jan. 1988	—	8 559 059	—	293 530	293 530
Georgia	8 May 2014	—	3 200	—	530	530
Germany	28 Jan. 1988	—	12 746 706	—	403 790	403 790
Greece	22 Sep. 1988	—	705 406	895	24 270	—
Hungary	28 Jan. 1988	24 945	266 918	—	13 660	13 660
Ireland	28 Jan. 1988	—	524 648	—	24 600	—
Italy	12 Apr. 1989	—	6 397 242	—	219 270	219 270
Latvia	19 May 1997	—	39 440	—	3 120	3 120
Liechtenstein	28 Jan. 1988	—	12 199	—	600	—
Lithuania	7 Nov. 2003	—	43 780	—	4 710	4 710
Luxembourg	28 Jan. 1988	—	105 858	—	4 440	4 440
Malta	12 June 1997	—	17 210	—	1 130	1 130
Monaco	25 Nov. 1999	—	7 052	—	730	730
Montenegro	23 Oct. 2006	—	2 935	—	260	—
Netherlands	28 Jan. 1988	—	2 753 708	—	89 910	89 910

<i>Parties</i>	<i>EMEP Protocol in force since</i>	<i>Contributions received</i>			<i>Contributions in 2021</i>	
		<i>In kind 1981–2010</i>	<i>In cash 1981–2020</i>	<i>Arrears by 1 Jan. 2021</i>	<i>Expected</i>	<i>Received</i>
North Macedonia	31 Mar. 2010	—	4 030	—	460	—
Norway	28 Jan. 1988	—	1 337 539	—	49 990	49 990
Poland	13 Dec. 1988	131 337	812 943	—	53 180	53 180
Portugal	10 Apr. 1989	—	548 781	—	23 210	—
Rep. of Moldova	26 July 2016	—	250	700	200	—
Romania	27 July 2003	—	125 650	—	13 130	—
Russian Federation	28 Jan. 1988	2 434 909	2 223 679	—	159 460	159 460
Serbia	27 Apr. 1992	—	55 145	1 860	1 860	3 720
Slovakia	28 May 1993	—	155 105	—	10 140	10 140
Slovenia	6 July 1992	—	99 826	10 250	5 040	—
Spain	28 Jan. 1988	—	3 639 074	—	142 290	142 290
Sweden	28 Jan. 1988	—	1 788 249	—	60 070	60 070
Switzerland	28 Jan. 1988	—	1 937 457	—	76 320	76 320
Turkey	28 Jan. 1988	—	870 359	90 900	90 900	—
Ukraine	28 Jan. 1988	180 164	75 837	—	3 780	3 780
United Kingdom	28 Jan. 1988	—	8 371 665	—	302 810	—
United States	28 Jan. 1988	—	179 850	Voluntary	Voluntary	Voluntary
European Union	28 Jan. 1988	—	2 240 317	—	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	62 444 603	107 723	2 358 700	1 799 658

Table 2
Use of budgeted resources in 2020
(in United States dollars)

Activity area	Total		CCC		MSC-E		MSC-W	
	Budgeted	Reported	Budgeted	Reported	Budgeted	Reported	Budgeted	Reported
A. Atmospheric monitoring	834 000	834 000	834 000	834 000	—	—	—	—
B. Atmospheric modelling	873 000	648 558	—	—	409 000	409 000	464 000	239 558
C. Source-receptor calculations	180 000	410 323	—	—	60 000	60 000	120 000	350 323
D. Integrated assessment modelling ^a	169 000	169 008	—	—	—	—	169 000	169 008
E. Emission inventories ^b	234 000	234 014	—	—	—	—	234 000	234 014
Subtotal (A–E)	2 290 000	2 295 903	834 000	834 000	469 000	469 000	987 000	992 903
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 2022 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 2018 United Nations scale of assessments and the schedule of contributions for 2022

<i>Parties</i>	<i>United Nations 2018 assessment rate (percentage)</i>	<i>“EMEP share” (percentage)</i>	<i>EMEP scale of contributions (percentage)</i>	<i>2022 schedule of contributions (in US dollars)</i>
<i>Non-European Union Parties to the EMEP Protocol</i>				
Albania	0.008	0.0223	0.0225	530
Armenia	0.007	0.0195	0.0197	460
Belarus	0.049	0.1367	0.1377	3 250
Bosnia and Herzegovina	0.012	0.0335	0.0337	790
Canada	2.734	<i>a</i>	<i>a</i>	<i>a</i>
Georgia	0.008	0.0223	0.0225	530
Liechtenstein	0.009	0.0251	0.0253	600
Monaco	0.011	0.0307	0.0309	730
Montenegro	0.004	0.0112	0.0112	260
North Macedonia	0.007	0.0195	0.0197	460
Norway	0.754	2.1038	2.1195	49 900
Rep. of Moldova	0.003	0.0084	0.0084	200
Russian Federation	2.405	6.7105	6.7606	159 460
Serbia	0.028	0.0781	0.0787	1 860
Switzerland	1.151	3.2115	3.2355	76 320
Turkey	1.371	3.8254	3.8540	90 900
Ukraine	0.057	0.1590	0.1602	3 780
United Kingdom	4.567	12.7429	12.8382	302 810
United States	22.000	<i>a</i>	<i>a</i>	<i>a</i>
<i>European Union Parties</i>				
Austria	0.677	1.8890	1.9031	44 890
Belgium	0.821	2.2908	2.3079	54 440
Bulgaria	0.046	0.1284	0.1293	3 050
Croatia	0.077	0.2148	0.2165	5 110
Cyprus	0.036	0.1004	0.1012	2 390
Czechia	0.311	0.8678	0.8742	20 620
Denmark	0.554	1.5458	1.5573	36 730
Estonia	0.039	0.1088	0.1096	2 590
Finland	0.421	1.1747	1.1835	27 920

<i>Parties</i>	<i>United Nations 2018 assessment rate (percentage)</i>	<i>“EMEP share” (percentage)</i>	<i>EMEP scale of contributions (percentage)</i>	<i>2022 schedule of contributions (in US dollars)</i>
France	4.427	12.3523	12.4446	293 530
Germany	6.090	16.9924	17.1194	403 790
Greece	0.366	1.0212	1.0289	24 270
Hungary	0.206	0.5748	0.5791	13 660
Ireland	0.371	1.0352	1.0429	24 600
Italy	3.307	9.2273	9.2962	219 270
Latvia	0.047	0.1311	0.1321	3 120
Lithuania	0.071	0.1981	0.1996	4 710
Luxembourg	0.067	0.1869	0.1883	4 440
Malta	0.017	0.0474	0.0478	1 130
Netherlands	1.356	3.7835	3.8118	89 910
Poland	0.802	2.2378	2.2545	53 180
Portugal	0.350	0.9766	0.9839	23 210
Romania	0.198	0.5525	0.5566	13 130
Slovakia	0.153	0.4269	0.4301	10 140
Slovenia	0.076	0.2121	0.2136	5 040
Spain	2.146	5.9878	6.0326	142 290
Sweden	0.906	2.5279	2.5468	60 070
European Union	<i>b</i>	3.3300	3.3300	78 540
Total		99.2829	100.000	2 358 700
Azerbaijan	0.049	0.1367	<i>b</i>	<i>b</i>
Iceland	0.028	0.0781	<i>b</i>	<i>b</i>
Kazakhstan	0.178	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)	34.646	100.000		

^a Voluntary.

^b Not applicable.

Table 5

2020 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	—	—	—	—	—	—	—	—	—	913	913	481
Armenia	—	—	—	—	—	—	—	—	—	420	420	420
Austria	2 385	—	—	—	—	—	—	38 279	40 664	—	40 664	40 471
Azerbaijan	—	—	—	—	—	—	—	—	—	2 943	2 943	2 943
Belarus	—	—	—	—	—	—	—	—	—	2 943	2 943	2 943
Belgium	—	—	—	—	—	—	—	—	—	49 918	49 918	49 313
Bosnia and Herzegovina	—	—	—	—	—	—	—	—	—	721	721	721
Bulgaria	525	—	—	—	—	—	—	—	525	2 763	3 288	2 763
Canada	—	—	—	—	—	—	—	—	—	—	—	—
Croatia	—	—	—	—	—	—	—	—	—	4 625	4 625	4 625
Cyprus	—	—	—	—	—	—	—	—	—	—	—	2 162
Czechia	1 470	—	—	—	—	—	—	—	1 470	18 680	20 150	18 680
Denmark	2 070	—	—	—	—	—	—	—	2 070	—	2 070	33 276
Estonia	262	—	—	—	—	—	—	—	262	—	262	2 343
Finland	1 605	—	—	—	—	—	—	—	1 605	—	1 605	25 287
France	17 985	—	—	—	—	—	—	—	17 985	—	17 985	265 908
Georgia	—	—	—	—	—	—	—	—	—	481	481	481
Germany	27 705	—	—	—	—	—	—	—	27 705	—	27 705	365 796
Greece	—	—	—	—	—	—	—	—	—	—	—	21 984

<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	12 373	13 048	12 373
Iceland	—	—	—	—	—	—	—	—	—	1 682	1 682	1 682
Ireland	—	—	—	—	—	—	—	—	—	22 284	22 284	22 284
Italy	—	—	—	—	—	—	—	—	—	—	—	198 635
Kazakhstan	—	—	—	—	—	—	—	—	—	10 692	10 692	10 692
Kyrgyzstan	—	—	—	—	—	—	—	—	—	—	—	120
Latvia	—	—	—	—	—	—	—	—	—	2 823	2 823	2 823
Liechtenstein	—	—	—	—	—	—	—	—	—	—	—	541
Lithuania	—	—	—	—	—	—	—	—	—	4 265	4 265	4 265
Luxembourg	—	—	—	—	—	—	—	—	—	4 024	4 024	4 024
Malta	—	—	—	—	—	—	—	—	—	—	—	1 021
Monaco	—	—	—	—	—	—	—	—	—	661	661	661
Montenegro	—	—	—	—	—	—	—	—	—	477	477	240
Netherlands	—	—	—	—	—	—	—	—	—	81 428	81 428	81 448
North Macedonia	—	—	—	—	—	—	—	—	—	420	420	420
Norway	1 695	45 274	—	—	—	—	—	—	46 969	—	46 969	45 289
Poland	—	—	—	—	—	—	—	—	—	48 194	48 194	48 172
Portugal	—	—	—	—	—	—	—	—	—	—	—	21 023
Rep. of Moldova	—	—	—	—	—	—	—	—	—	—	—	180
Romania	—	—	—	—	—	—	—	—	—	11 851	11 851	11 893
Russian Federation	—	—	—	—	—	—	—	—	—	—	—	144 457
Serbia	—	—	—	—	—	—	—	—	—	1 682	1 682	1 682

<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	9 190
Slovenia	—	—	—	—	—	—	—	—	—	9 279	9 279	4 565
Spain	—	—	—	—	—	—	—	—	—	—	—	128 900
Sweden	—	—	—	—	—	—	—	—	—	54 419	54 419	54 419
Switzerland	3 390	—	—	—	—	—	—	—	3 390	69 135	72 525	69 135
Turkey	—	—	—	—	—	—	—	—	—	—	—	82 349
Ukraine	—	—	—	—	—	—	—	—	—	—	—	3 424
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	274 317
United States	—	—	—	—	—	—	—	—	—	—	—	—
European Union	—	—	—	—	—	—	—	—	—	71 685	71 685	71 685
Total	60 552	45 274	—	—	—	—	—	38 279	144 105	491 781	635 886	2 152 700

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

2021 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention, as of 31 July 2021

(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	—	—	—	—	—	—	—	—	—	16 209	16 209	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	—	—	—	—	—	—	—	—	—	20 468	20 468	20 468
Denmark	2 070	—	—	—	—	—	—	—	2 070	36 440	38 510	36 440
Estonia	—	—	—	—	—	—	—	—	—	—	—	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		—	—	—	—	—	—	—	—	13 557	13 557	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	—	—	—	—	—	—	—	—	—	4 673	4 673	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
Norway	1 693	49 612	—	—	—	—	—	—	51 305	—	51 305	49 623
Poland	—	—	—	—	—	—	—	—	—	52 782	52 782	52 782
Portugal	—	—	—	—	—	—	—	—	—	—	—	23 035
Rep. of Moldova	—	—	—	—	—	—	—	—	—	—	—	197
Romania	—	—	—	—	—	—	—	—	—	—	—	13 031
Russian Federation	—	—	—	—	—	—	—	—	—	—	—	158 280
Serbia	—	—	—	—	—	—	—	—	—	1 682	1 682	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	—	—	—	—	—	—	—	—	—	—	—	10 069
Slovenia	—	—	—	—	—	—	—	—	—	5 002	5 002	5 002
Spain	—	—	—	—	—	—	—	—	—	—	—	141 235
Sweden	—	—	—	—	—	—	—	—	—	59 607	59 607	59 627
Switzerland	—	—	—	—	—	—	—	—	—	75 751	75 751	75 751
Turkey	—	—	—	—	—	—	—	—	—	—	—	90 230
Ukraine	—	—	—	—	—	—	—	—	—	3 424	3 424	3 751
United Kingdom	—	—	—	—	—	—	—	—	—	300 550	300 550	300 568
United States	—	—	—	—	—	—	—	—	—	—	—	—
European Union	—	—	—	—	—	—	—	—	—	—	—	78 545
Total	53 972	49 612	—	—	—	—	—	42 170	145 754	742 870	888 624	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 2020

(in United States dollars)

<i>Contributors in 2020</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	308 645	—	—	—	—	157 244	—	—	465 889
Italy	—	—	48 000	—	—	—	—	—	48 000
Norway ^b	—	196 400	32 640	—	—	—	—	—	229 040
Sweden ^c	—	—	59 729	—	45 945	—	31 151	—	136 825
Switzerland ^d	—	—	—	—	—	—	—	43 907	43 907
United Kingdom ^e	—	—	—	130 639	—	—	—	—	130 639
Total (body)	308 645	196 400	140 369	130 639	181 945	157 244	31 151	43 907	1 190 300

Abbreviations: CCE, Coordination Centre for Effects; CDM, Centre for Dynamic Modelling.

^a Contributions in kind worth €262,040 and €135,000 respectively.

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

^c Contributions in kind worth SKr 520,000, SKr 400,000 and SKr 271,200 respectively.

^d Contribution in kind worth CHF 40,000.

^e Contribution in kind worth £100,200.

Table 8

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

(preliminary as of 31 July 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	—	—	—	—	—	—	—	—	—
Italy	—	—	48 000	—	—	—	—	—	48 000
Norway ^b	—	200 823	33 375	—	—	—	—	—	234 198
Sweden ^c	—	—	60 804	—	58 465	—	49 345	—	168 614
Switzerland	—	—	—	—	—	—	—	—	—
United Kingdom ^e	—	—	—	140 140	—	—	—	—	140 140
Total (body)	0	200 893	142 179	140 140	194 465	0	49 345	0	726 952

^a Data not provided by 31 July 2021.

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

^c Contributions in kind worth SKr 400,000, SKr 520,000 and SKr 250,000 respectively.

^e Contribution in kind worth £100,200.

Table 9

Use of cash contributions to partially fund the effects-oriented activities in the period 2012–2021

(in United States dollars)

<i>Activity area</i>	<i>2012</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^a</i>
<i>Earmarked</i>										
ICP F	57 800	36 700	59 900	54 600	35 900	52 200	56 900	56 900	66 400	60 500
ICP W	40 600	41 900	41 900	42 800	55 900	41 800	46 300	46 400	47 100	45 300
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
Health	—	—	—	—	—	—	—	—	—	—
Total earmarked	98 400	117 200	140 400	135 200	140 600	206 900	195 300	145 400	195 700	144 100
<i>Non-earmarked</i>										
ICP F	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800	54 600
ICP W	70 700	48 700	47 600	42 600	49 800	51 000	52 900	73 200	59 800	54 600
ICP M	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800	54 600
ICP V	70 700	48 700	47 600	42 600	49 800	51 000	52 900	73 200	59 800	54 600
ICP IM	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800	54 600
CCE	70 700	48 700	47 600	42 600	49 800	51 000	52 900	73 200	59 800	54 600
CDM	—	—	—	—	—	—	—	—	59 800	54 600
CIAM	70 700	48 700	47 600	42 600	49 800	51 000	52 900	73 200	59 800	54 600
Health	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800	54 600
Total non-earmarked	565 600	389 600	380 800	340 800	398 400	408 800	423 200	585 600	538 200	635 500

^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 2022 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: Finnish Environment Institute, Helsinki.

^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 2020
(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 2020</i>	<i>Budget deficit (in percentage)</i>
	<i>Earmarked</i>	<i>Non-earmarked^a</i>				
ICP F	66 400	59 800	308 645	434 845	305 000	—
ICP W	47 100	59 800	196 400	303 300	260 000	—
ICP M	44 500	59 800	140 369	244 668	310 000	21
ICP V	—	59 800	130 639	190 438	250 000	24
ICP IM	—	59 800	181 945	241 745	300 000	19
ICP M and M/CCE	—	59 800	157 244	217 043	310 000	30
ICP M and M/CDM	—	59 800	31 151	90 950	—	—
CIAM	37 700	59 800	—	97 500	240 000	59
Health	—	59 800	43 907	103 707	115 000	10
Total	195 700	538 200	1 190 300	1 924 196	2 090 000	

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 2022

<i>Parties to Convention ^a</i>	<i>United Nations 2018 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	0.022	527
Armenia	0.007	0.020	461
Azerbaijan	0.049	0.137	3 225
Belarus	0.049	0.137	3 225
Bosnia and Herzegovina	0.012	0.033	790
Georgia	0.008	0.022	527
Iceland	0.028	0.078	1 843
Kazakhstan	0.178	0.497	11 715
Kyrgyzstan	0.002	0.006	132
Liechtenstein	0.009	0.025	592
Monaco	0.011	0.031	724
Montenegro	0.004	0.011	263
North Macedonia	0.007	0.020	461
Norway	0.754	2.104	49 623
Rep. of Moldova	0.003	0.008	197
Russian Federation	2.405	6.710	158 280
Serbia	0.028	0.078	1 843
Switzerland	1.151	3.212	75 751
Turkey	1.371	3.825	90 230
Ukraine	0.057	0.159	3 751
United Kingdom	4.567	12.743	300 568
<i>European Union countries</i>			
Austria	0.677	1.889	44 555
Belgium	0.821	2.291	54 032
Bulgaria	0.046	0.128	3 027
Croatia	0.077	0.215	5 068
Cyprus	0.036	0.100	2 369
Czechia	0.311	0.868	20 468
Denmark	0.554	1.546	36 460
Estonia	0.039	0.109	2 567

<i>Parties to Convention ^a</i>	<i>United Nations 2018 assessment rate ^b (percentage)</i>	<i>Recommended scale (percentage)</i>	<i>Recommended contribution (in US dollars)</i>
Finland	0.421	1.175	27 707
France	4.427	12.352	291 354
Germany	6.090	16.992	400 801
Greece	0.366	1.021	24 088
Hungary	0.206	0.575	13 557
Ireland	0.371	1.035	24 417
Italy	3.307	9.227	217 643
Latvia	0.047	0.131	3 093
Lithuania	0.071	0.198	4 673
Luxembourg	0.067	0.187	4 409
Malta	0.017	0.047	1 119
Netherlands	1.356	3.784	89 242
Poland	0.802	2.238	52 782
Portugal	0.350	0.977	23 035
Romania	0.198	0.552	13 031
Slovakia	0.153	0.427	10 069
Slovenia	0.076	0.212	5 002
Spain	2.146	5.988	141 235
Sweden	0.906	2.528	59 627
European Union	—	3.33	78 545
Total	34 646	100 000	2 358 700

Notes:

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

^b See General Assembly resolution 73/271 on the scale of assessments for the apportionment of the expenses of the United Nations.