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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

Fifth joint session

Geneva, 9–13 September 2019

Item 6 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 2018-2019. 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 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 fourth joint session.

The note also presents proposed recommendations to the Executive Body for the Convention, as required by the EMEP Protocol and Executive Body revised decision 2002/1 (ECE/EB.AIR/77/Add.1, annex I, ECE/EB.AIR/137, para. 54 (d) and decision 2018/8).

* The present document is being issued without formal editing.



Introduction

1. Chapter I of the present note sets out the financial requirements for 2020–2021 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). Chapter II sets out the requirements for 2020–2021 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 revised decision 2002/1 (ECE/EB.AIR/77/Add.1, annex I, ECE/EB.AIR/137, para. 54 (d) and decision 2018/8). 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. This chapter reports on use of the 2018 EMEP budget and the status of contributions by Parties, including those that are outstanding. It also presents the proposed schedule of mandatory contributions for 2020–2021, which will be submitted to the Executive Body for approval, calculated on the basis of the 2018 United Nations scale of assessments.¹

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 August 2019 are summarized in table 1. 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, payments in cash in 2019 totalling \$1, 852,822 were received by 31 August 2019. The expected cash contributions for 2019 to the trust fund from the following Parties were still outstanding: Albania, Belgium, Bosnia and Herzegovina, Greece, Italy, North Macedonia, Portugal, Republic of Moldova, Slovenia, Spain and Ukraine.

4. According to the secretariat's records, the total arrears in cash and in kind by 1 January 2019 stood at \$136,475 while the arrears by 1 January 2018 stood at \$121,370.

5. As of 1 January 2019, the following Parties still had outstanding contributions: Armenia (for 2015–2018), Greece (for 2017–2018), Portugal (for 2015–2018) and North Macedonia (for 2011–2018). As of 31 August 2019, Armenia had paid its arrears for 2015–2016, and partially paid its arrears for 2017.

6. The use of budgeted resources by the EMEP centres in 2018 is presented in table 2.

7. In addition to the contributions summarized in table 1, 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 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 (NILU). Also in 2011, the Meteorological Synthesizing Centre-East (MSC-E) received \$105,436 from the European Union (EU), \$17,861 from the Baltic Marine Environment Protection Commission, \$19,340 from the Italian National

¹ See Resolution A/RES/73/271 on the scale of assessments for the apportionment of the expenses of the United Nations, adopted by the General Assembly on 22 December 2018.

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 and 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 CEIP), MSC-E an in-kind contribution of \$49,549 and CCC an in-kind contribution of \$16,411.

B. Budget and mandatory contributions for 2020–2021

8. At its thirty-eighth session (Geneva, 10–14 December 2018), the Executive Body approved the detailed use of resources in 2019 in the amount of \$2,358,700 (ECE/EB.AIR/142, para.70 (a)) and requested the Steering Body, with the assistance of its Bureau, to present the details of the 2020 budget for approval by the Executive Body at its thirty-ninth session.

9. The Executive Body further requested the secretariat to present a revised annex to the EMEP Protocol and a revised scale of mandatory contributions for the period 2020–2021, based on the most recent United Nations scale of assessments, for consideration at the thirty-ninth session in 2019. A revised schedule of contributions for 2020 and 2021, calculated on the basis of the 2018 United Nations scale of assessments is proposed for consideration as set out in table 3 below. A draft revised annex to the EMEP Protocol is contained in the Annex to this document.

C. Proposed decisions

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

(a) To take note of 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) To approve the use of resources by the EMEP Centres in 2018, as presented in table 2;

(c) To agree on the schedule of mandatory contributions from Parties for 2020 and provisionally agree on those for 2021 as set out in table 3 below;

(d) To 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 2020, can be accomplished as foreseen in the workplan;

(e) To agree on the detailed budget for EMEP for 2020 and submit it to the Executive Body for approval;

(f) To urge Parties that have not yet done so to pay their 2019 contributions in cash to the trust fund and, in 2020, to pay their contributions so that they reach the trust fund in the first half of the year;

(g) To urge Parties with arrears to pay them in full to the trust fund;

(h) To 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. This chapter 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 2018 and 2019. It also presents a proposed budget for 2020 and provisional budgets for 2021 and 2022 for review and submission to the Executive Body for approval. It also presents a revised recommended scale of contributions for the period 2020–2021, based on the most recent United Nations scale of assessments.

A. Contributions from Parties in 2017 and 2018 and the use of contributions

12. At its thirty-eighth session (Geneva, 10–14 December 2018), the Executive Body decided to adopt a total budget for 2018 of \$2,152,700 for the core activities not funded by the EMEP Protocol (ECE/EB.AIR/142 para. 71 (c)). The secretariat sent a letter to all Parties informing them of the recommended contributions to meet the 2019 budget and invited them to pay them to the trust fund for effects-oriented activities, as agreed in revised decision 2002/1.

13. Throughout 2018 and in 2019, 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. Tables 4 (2018 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention) and 5 (2019 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention, as of 31 August 2019) also identify the contributions recommended to Parties by the Executive Body, as well as the actual contributions made.

14. For 2019, a total of 33 Parties made contributions totalling \$1,730,950 of which \$1,064,944 were contributions in kind and \$666,006 were contributions in cash to the trust fund.

15. As of 31 August 2019, as allowed under revised decision 2002/1, Finland, Germany, Italy, Norway, Sweden, Switzerland and the United Kingdom informed the secretariat of their contributions in kind for 2018 and 2019. These contributions are presented in tables 6 and 7. The use of earmarked and non-earmarked cash contributions for the period 2009–2018 is presented in table 8. Table 9 includes the proposed international coordination costs for 2019, while table 10 presents recorded contributions to partially fund the effects-oriented activities in 2018.

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 2020 and provisional budgets for 2021 and 2022

18. At its thirty-eighth session, the Executive Body adopted, for the core activities not funded by the EMEP Protocol, a budget of \$2,152,700 for 2019 (including 3 per cent programme support costs) and provisional budgets for 2020 and 2021 at the same level.

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 2019, and to make it available to the Executive Body at its thirty-ninth session in December 2019 (ECE/EB.AIR/142, para. 71(d)). It recommended that the amount be used as a basis to co-fund the effects-oriented activities in 2020. The Executive Body encouraged Parties to make contributions to the trust fund before 30 November each year.

20. The Executive Body requested the secretariat to present a revised recommended scale of contributions for the period 2020–2021, based on the most recent United Nations scale of assessments, for consideration at its thirty-ninth session in 2019. A revised scale of contributions is set out in table 11 below.

C. Proposed decisions

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

(a) To note the cash contributions made to the trust fund for effects-oriented activities in 2018 and 2019, but also to express disappointment at the lack of response by many Parties;

(b) To approve the 2020 essential international coordination costs of \$2,152,700 for different elements of the effects-oriented activities and the provisional cost estimate of \$2,152,700 for 2021 and 2022, for submission to the Executive Body;

(c) To agree on the recommended scale of contributions to the trust fund for core activities not covered by the EMEP Protocol for 2020, and provisionally agree on the one for 2021, as outlined in table 11 below;

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

(e) To note with appreciation the essential support provided to the Convention and its bodies by lead countries, countries hosting coordinating centres and those 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 EMEP² as of 31 August 2019
(in United States dollars)

<i>Parties</i>	<i>EMEP Protocol in force since</i>	<i>Contributions received</i>			<i>Contributions in 2019</i>	
		<i>In kind 1981–2010</i>	<i>In cash 1981–2018</i>	<i>Arrears by 01/01/2019</i>	<i>Expected</i>	<i>Received</i>
Albania	06/09/2011	—	2 680	—	500	—
Armenia	21/01/2014	—	—	1 520	370	832
Austria	28/01/1988	—	1 254 044	—	44 690	44 690
Belarus	28/01/1988	120 650	24 580	—	3 480	3 480
Belgium	28/01/1988	—	1 477 433	—	54 930	—
Bosnia and Herzegovina	06/03/1992	—	11 555	—	810	—
Bulgaria	28/01/1988	60 169	28 710	—	2 790	2 790
Canada	28/01/1988	—	86 614	—	voluntary	voluntary
Croatia	08/10/1992	—	87 601	—	6 140	6 140
Cyprus	18/02/1992	—	46 688	—	2 670	2 670
Czechia	01/01/1993	—	371 802	—	21 350	21 350
Denmark	28/01/1988	—	1 042 810	—	36 250	36 250
Estonia	07/03/2002	—	23 629	—	2 360	2 360
Finland	28/01/1988	—	903 829	—	28 300	28 300
France	28/01/1988	—	7 963 949	—	301 580	301 580
Georgia	08/05/2014	—	2 170	—	500	500
Germany	28/01/1988	—	11 946 366	—	396 550	396 550
Greece	22/09/1988	—	622 676	30 125	29 230	—
Hungary	28/01/1988	24 945	243 268	—	9 990	9 990
Ireland	28/01/1988	—	479 258	—	20 790	20 790
Italy	12/04/1989	—	5 945 342	—	232 630	—
Latvia	19/05/1997	—	33 220	—	3 100	3 100
Liechtenstein	28/01/1988	—	11 169	—	430	430
Lithuania	07/11/2003	—	34 600	—	4 470	4 470
Luxembourg	28/01/1988	—	97 448	—	3 970	3 970
Malta	12/06/1997	—	15 090	—	990	990
Monaco	25/11/1999	—	5 702	—	620	620
Montenegro	23/10/2006	—	2 425	—	250	250

² Cooperative Programme for Monitoring and Evaluation of the Long-range Transmission of Air Pollutants in Europe.

<i>Parties</i>	<i>EMEP Protocol in force since</i>	<i>Contributions received</i>			<i>Contributions in 2019</i>	
		<i>In kind 1981–2010</i>	<i>In cash 1981–2018</i>	<i>Arrears by 01/01/2019</i>	<i>Expected</i>	<i>Received</i>
Netherlands	28/01/1988	—	2 571 818	—	91 980	91 980
North Macedonia	31/03/2010	—	—	3 140	430	—
Norway	28/01/1988	—	1 234 849	—	52 700	52 700
Poland	13/12/1988	131 337	707 563	—	52 200	52 200
Portugal	10/04/1989	—	399 801	101 440	24 330	—
Republic of Moldova	26/07/2016	—	250	250	250	—
Romania	27/07/2003	—	101 100	—	11 420	11 420
Russian Federation	28/01/1988	2 434 909	1 872 559	—	191 660	191 660
Serbia	27/04/1992	—	53 155	—	1 990	1 990
Slovakia	28/05/1993	—	135 035	—	9 930	9 930
Slovenia	06/07/1992	—	99 826	—	5 210	—
Spain	28/01/1988	—	3 345 154	—	151 630	—
Sweden	28/01/1988	—	1 668 839	—	59 340	59 340
Switzerland	28/01/1988	—	1 790 377	—	70 760	70 760
Turkey	28/01/1988	—	807 179	—	63 180	63 180
Ukraine	28/01/1988	180 164	65 667	—	6 390	—
United Kingdom	28/01/1988	—	7 791 845	—	277 010	277 010
United States	28/01/1988	—	179 850	voluntary	voluntary	voluntary
European Union	28/01/1988	—	2 083 227	—	78 550	78 550
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	57 698 451	136 475	2 358 700	1 852 822

Table 2
Use of budgeted resources in 2018
(in United States dollars)

Activity area	Total		CCC		MSC-E		MSC-W	
	Budgeted	Reported	Budgeted	Reported	Budgeted	Reported	Budgeted	Reported
A. Atmospheric monitoring	820 000	850 000	820 000	850 000	—	—	—	—
B. Atmospheric modelling	845 000	703 637	—	—	395 000	394 994	450 000	308 643
C. Source-receptor calculations	180 000	323 400	—	—	60 000	60 038	120 000	263 362
D. Integrated assessment modelling ^a	155 000	155 285	—	—	—	—	155 000	155 285
E. Emission inventories ^b	220 000	240 154	—	—	—	—	220 000	240 154
F. Emerging issues	70 000	19 968	30 000	—	20 000	19 968	20 000	—
G. Programme support cost (3 percent of A-K)	68 700							
Subtotal (A-F)	2 358 700	2 292 444	850 000	850 000	475 000	475 000	965 000	967 444

^a Work implemented together with the CIAM.

^b Work implemented together with the EMEP Centre on Emission Inventories and Projections (CEIP).

Table 3

EMEP scale of contributions calculated on the basis of the 2018 United Nations scale of assessments and the schedule of contributions for 2020–2021

	<i>United Nations 2018 assessment rate (%)</i>	<i>“EMEP share” (%)</i>	<i>EMEP scale of contributions (%)</i>	<i>2020 schedule of contribution (in US\$)</i>	<i>2021 schedule of contribution (in US\$)</i>
<i>Non-EU Parties to the EMEP Protocol</i>					
Albania	0.008	0.0223	0.0225	530	530
Armenia	0.007	0.0195	0.0197	460	460
Belarus	0.049	0.1367	0.1377	3 250	3 250
Bosnia and Herzegovina	0.012	0.0335	0.0337	790	790
Canada	2.734	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
Georgia	0.008	0.0223	0.0225	530	530
Liechtenstein	0.009	0.0251	0.0253	600	600
Monaco	0.011	0.0307	0.0309	730	730
Montenegro	0.004	0.0112	0.0112	260	260
North Macedonia	0.007	0.0195	0.0197	460	460
Norway	0.754	2.1038	2.1195	49 990	49 900
Republic of Moldova	0.003	0.0084	0.0084	200	200
Russian Federation	2.405	6.7105	6.7606	159 460	159 460
Serbia	0.028	0.0781	0.0787	1 860	1 860
Switzerland	1.151	3.2115	3.2355	76 320	76 320
Turkey	1.371	3.8254	3.8540	90 900	90 900
Ukraine	0.057	0.1590	0.1602	3 780	3 780
United States	22.000	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
<i>EU Parties</i>					
Austria	0.677	1.8890	1.9031	44 890	44 890
Belgium	0.821	2.2908	2.3079	54 440	54 440
Bulgaria	0.046	0.1284	0.1293	3 050	3 050
Croatia	0.077	0.2148	0.2165	5 110	5 110
Cyprus	0.036	0.1004	0.1012	2 390	2 390
Czechia	0.311	0.8678	0.8742	20 620	20 620
Denmark	0.554	1.5458	1.5573	36 730	36 730
Estonia	0.039	0.1088	0.1096	2 590	2 590
Finland	0.421	1.1747	1.1835	27 920	27 920
France	4.427	12.3523	12.4446	293 530	293 530
Germany	6.090	16.9924	17.1194	403 790	403 790

	<i>United Nations 2018 assessment rate (%)</i>	<i>“EMEP share” (%)</i>	<i>EMEP scale of contributions (%)</i>	<i>2020 schedule of contribution (in US\$)</i>	<i>2021 schedule of contribution (in US\$)</i>
Greece	0.366	1.0212	1.0289	24 270	24 270
Hungary	0.206	0.5748	0.5791	13 660	13 660
Ireland	0.371	1.0352	1.0429	24 600	24 600
Italy	3.307	9.2273	9.2962	219 270	219 270
Latvia	0.047	0.1311	0.1321	3 120	3 120
Lithuania	0.071	0.1981	0.1996	4 710	4 710
Luxembourg	0.067	0.1869	0.1883	4 440	4 440
Malta	0.017	0.0474	0.0478	1 130	1 130
Netherlands	1.356	3.7835	3.8118	89 910	89 910
Poland	0.802	2.2378	2.2545	53 180	53 180
Portugal	0.350	0.9766	0.9839	23 210	23 210
Romania	0.198	0.5525	0.5566	13 130	13 130
Slovakia	0.153	0.4269	0.4301	10 140	10 140
Slovenia	0.076	0.2121	0.2136	5 040	5 040
Spain	2.146	5.9878	6.0326	142 290	142 290
Sweden	0.906	2.5279	2.5468	60 070	60 070
United Kingdom	4.567	12.7429	12.8382	302 810	302 810
European Union	<i>b</i>	3.3300	3.3300	78 540	78 540
Total		99.2829	100.000	2 358 700	2 358 700
<i>Parties to the Convention not Party to the EMEP Protocol</i>					
Azerbaijan	0.049	0.1367	<i>b</i>	<i>b</i>	<i>b</i>
Iceland	0.028	0.0781	<i>b</i>	<i>b</i>	<i>b</i>
Kazakhstan	0.178	0.4967	<i>b</i>	<i>b</i>	<i>b</i>
Kyrgyzstan	0.002	0.0056	<i>b</i>	<i>b</i>	<i>b</i>
Total (excluding Canada and United States)	34.646	100.000			

^a Voluntary.

^b Not applicable.

Table 4

2018 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention

(in United States dollars)

	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M&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	—	—	—	—	—	—	—	—	—	452	452	452
Armenia	—	—	—	—	—	—	—	—	—	—	—	344
Austria	2 385	—	—	—	—	—	—	38 086	40471	—	40471	40 471
Azerbaijan	—	—	—	—	—	—	—	—	—	3 380	3 380	3 380
Belarus	—	—	—	—	—	—	—	—	—	3 143	3 143	3 143
Belgium	—	—	—	—	—	—	—	—	—	35 098	35 098	49 749
Bosnia and Herzegovina	—	—	—	—	—	—	—	—	—	732	732	732
Bulgaria	525	—	—	—	—	—	—	—	525	2 540	3 065	2 540
Canada	—	—	—	—	—	—	—	—	—	—	—	—
Croatia	—	—	—	—	—	—	—	—	—	5 575	5 575	5 575
Cyprus	—	—	—	—	—	—	—	—	—	—	—	2 411
Czechia	1 500	—	—	—	—	—	—	—	1 500	19 331	20 831	19 331
Denmark	—	—	—	—	—	—	—	—	—	32 829	32 829	32 829
Estonia	262	—	—	—	—	—	—	—	262	—	262	2 131
Finland	—	—	—	—	—	—	—	—	—	—	—	25 639
France	17 985	—	—	—	—	—	—	—	17 985	—	17 985	273 199
Georgia	—	—	—	—	—	—	—	—	—	452	452	452
Germany	27 705	—	—	—	—	—	—	—	27 705	—	27 705	359 221
Greece	—	—	—	—	—	—	—	—	—	—	—	26 478

	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M&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	9 012	9 687	9 041
Iceland	—	—	—	—	—	—	—	—	—	—	—	1 292
Ireland	—	—	—	—	—	—	—	—	—	18 836	18 836	18 836
Italy	—	—	—	—	—	—	—	—	—	—	—	210 728
Kazakhstan	—	—	—	—	—	—	—	—	—	—	—	10 742
Kyrgyzstan	—	—	—	—	—	—	—	—	—	—	—	108
Latvia	—	—	—	—	—	—	—	—	—	—	—	2 820
Liechtenstein	—	—	—	—	—	—	—	—	—	—	—	387
Lithuania	1 201	—	—	—	—	—	—	—	—	4 047	5 248	4 047
Luxembourg	185	—	—	—	—	—	—	—	—	3 595	3 780	3 595
Malta	—	—	—	—	—	—	—	—	—	829	829	904
Monaco	—	—	—	—	—	—	—	—	—	560	560	560
Montenegro	—	—	—	—	—	—	—	—	—	—	—	215
Netherlands	—	—	—	—	—	—	—	—	—	166 662	166 662	83 331
North Macedonia	—	—	—	—	—	—	—	—	—	—	—	387
Norway	1 695	47 725	—	—	—	—	—	—	49 420	—	49 420	47 725
Poland	—	—	—	—	—	—	—	—	—	47 295	47 295	47 295
Portugal	—	—	—	—	—	—	—	—	—	—	—	22 044
Republic of Moldova	—	—	—	—	—	—	—	—	—	215	215	215
Romania	555	—	—	—	—	—	—	—	555	10 354	10 909	10 354
Russian Federation	—	—	—	—	—	—	—	—	—	—	—	173 615

	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M&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>
Serbia	321	—	—	—	—	—	—	—	321	1 808	2 129	1 808
Slovakia	—	—	—	—	—	—	—	—	—	—	—	8 998
Slovenia	—	—	—	—	—	—	—	—	—	4 714	4 714	4 714
Spain	5 310	—	—	—	—	—	—	—	5 310	—	5 310	137 364
Sweden	—	—	56 868	—	—	—	—	—	56 868	53 753	110 621	53 753
Switzerland	3 390	—	—	—	—	—	—	—	3 390	64 086	67 476	64 086
Turkey	—	—	—	—	—	—	—	—	—	—	—	57 240
Ukraine	—	—	—	—	—	—	—	—	—	5 791	5 791	5 791
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	250 919
United States	—	—	—	—	—	—	—	—	—	—	—	—
European Union	—	—	—	—	—	—	—	—	—	71 709	71 709	71 709
Total	63 694	47 725	56 868	—	—	—	—	38 086	206 373	577 540	783 913	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 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&M = ICP on Modelling and Mapping of Critical Levels and Loads and Air Pollution Effects, Risks and Trends; Health = the Joint Task Force on the Health Aspects of Air Pollution; CIAM = Centre for Integrated Assessment Modelling.

Table 5
**2019 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention,
as of 31 August 2019**
(in United States dollars)

	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M&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	—	—	—	—	—	—	—	—	—	—	—	452
Armenia	—	—	—	—	—	—	—	—	—	—	—	344
Austria	—	—	—	—	—	—	—	38 086	38 086	—	38 086	40 471
Azerbaijan	—	—	—	—	—	—	—	—	—	3 380	3 380	3 380
Belarus	—	—	—	—	—	—	—	—	—	3 143	3 143	3 143
Belgium	—	—	—	—	—	—	—	—	—	20 198	20 198	49 749
Bosnia and Herzegovina	—	—	—	—	—	—	—	—	—	732	732	732
Bulgaria	525	—	—	—	—	—	—	—	525	2 540	3 065	2 540
Canada	—	—	—	—	—	—	—	—	—	—	—	—
Croatia	—	—	—	—	—	—	—	—	—	5 575	5 575	5 575
Cyprus	—	—	—	—	—	—	—	—	—	—	—	2 411
Czechia	1 470	—	—	—	—	—	—	—	1 470	19 331	20 801	19 331
Denmark	2 070	—	—	—	—	—	—	—	2 070	32 799	34 869	32 829
Estonia	—	—	—	—	—	—	—	—	—	—	—	2 131
Finland	3 180	—	—	—	—	—	—	—	3 180	—	3 180	25 639
France	17 962	—	—	—	—	—	—	—	17 962	—	17 962	273 199
Georgia	—	—	—	—	—	—	—	—	—	452	452	452
Germany	27 705	—	—	—	—	—	—	—	27 705	—	27 705	359 221

	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M&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>
Greece	—	—	—	—	—	—	—	—	—	—	—	26 478
Hungary	675	—	—	—	—	—	—	—	675	9 041	9 716	9 041
Iceland	—	—	—	—	—	—	—	—	—	1 292	1 292	1 292
Ireland	—	—	—	—	—	—	—	—	—	18 836	18 836	18 836
Italy	—	—	—	—	—	—	—	—	—	—	—	210 728
Kazakhstan	—	—	—	—	—	—	—	—	—	10 742	10 742	10 742
Kyrgyzstan	—	—	—	—	—	—	—	—	—	216	216	108
Latvia	—	—	—	—	—	—	—	—	—	—	—	2 820
Liechtenstein	—	—	—	—	—	—	—	—	—	379	379	387
Lithuania	—	—	—	—	—	—	—	—	—	4 047	4 047	4 047
Luxembourg	—	—	—	—	—	—	—	—	—	3 595	3 595	3 595
Malta	—	—	—	—	—	—	—	—	—	—	—	904
Monaco	—	—	—	—	—	—	—	—	—	560	560	560
Montenegro	—	—	—	—	—	—	—	—	—	—	—	215
Netherlands	—	—	—	—	—	—	—	—	—	83 331	83 331	83 331
North Macedonia	—	—	—	—	—	—	—	—	—	—	—	387
Norway	1 647	47 695	—	—	—	—	—	—	49 342	—	49 342	47 725
Poland	—	—	—	—	—	—	—	—	—	—	—	47 295
Portugal	—	—	—	—	—	—	—	—	—	—	—	22 044
Republic of Moldova	—	—	—	—	—	—	—	—	—	—	—	215
Romania	—	—	—	—	—	—	—	—	—	10 354	10 354	10 354

	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M&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>
Russian Federation	—	—	—	—	—	—	—	—	—	—	—	173 615
Serbia	—	—	—	—	—	—	—	—	—	1808	1808	1 808
Slovakia	785	—	—	—	—	—	—	—	785	—	785	8 998
Slovenia	—	—	—	—	—	—	—	—	—	—	—	4 714
Spain	—	—	—	—	—	—	—	—	—	—	—	137 364
Sweden	—	—	45 097	—	—	—	—	—	45 097	53 723	98 820	53 753
Switzerland	—	—	—	—	—	—	—	—	—	64 086	64 086	64 086
Turkey	—	—	—	—	—	—	—	—	—	57 240	57 240	57 240
Ukraine	—	—	—	—	—	—	—	—	—	—	—	5 791
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	250 919
United States	—	—	—	—	—	—	—	—	—	—	—	—
European Union	—	—	—	—	—	—	—	—	—	71 709	71 709	71 709
Total	56 019	47 695	45 097	—	—	—	—	38 086	186 897	479 109	666 006	2 152 700

Note: Abbreviations used in the table are defined in the notes to table 4 above. 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 6
Contributions in kind towards financing selected core activities under the Convention in 2018
(in United States dollars)

<i>Contributors in 2018</i>	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M&M/CCE</i>	<i>Health</i>	<i>Total (Party)</i>
Finland	—	—	—	—	136 000	—	—	136 000
Germany ^a	273 495	—	—	7 024	—	—	10 080	290 599
Italy	—	—	48 000	—	—	—	—	48 000
Norway ^b	—	193 194	33 275	—	—	—	—	226 469
Sweden ^c	—	—	—	—	41 840	—	10 960	52 800
Switzerland ^d	—	—	—	—	—	—	52 356	52 356
United Kingdom ^e	—	—	—	181 076	—	—	—	181 076
Total (body)	273 495	193 194	81 275	188 100	177 840	—	73 396	987 300

Notes: For column heading abbreviations, please see notes to table 4. CCE = Coordination Centre for Effects.

^a Contributions in kind worth €238,860, €5,900 and €8,466 respectively.

^b Contributions in kind worth NOK 1,525,000 and NOK 267,000 respectively

^c Contributions in kind worth SEK 380,000 and SEK 100,000 respectively

^d Contribution in kind worth CHF 50,000.

^e Contribution in kind worth GBP 149,953.

Table 7
Contributions in kind towards financing selected core activities under the Convention in 2019
(preliminary as of 31 August 2019)
(in United States dollars)

<i>Contributors in 2019</i>	<i>ICP F</i>	<i>ICP W</i>	<i>ICP M</i>	<i>ICP V</i>	<i>ICP IM</i>	<i>ICP M&M/CCE</i>	<i>Health</i>	<i>Total (Party)</i>
Finland	—	—	—	—	136 000	—	—	136 000
Germany ^a	255 275	—	—	—	—	129 615	9 564	394 454
Italy	—	—	48 000	—	—	—	—	48 000
Norway ^b	—	197 562	32 833	—	—	—	—	230 395
Sweden ^c	—	—	—	—	33 400	—	10 430	43 830
Switzerland ^d	—	—	—	—	—	—	39 177	39 177
United Kingdom ^e	—	—	—	173 088	—	—	—	173 088
Total (body)	255 275	197 562	80 833	173 088	169 400	129 615	59 171	1 064 944

Notes: For column heading abbreviations, please see notes to table 4. CCE = Coordination Centre for Effects.

^a Contributions in kind worth €239,351, €115,875 and €8,582 respectively.

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

^c Contributions in kind worth SEK 380,000 and SEK 100,000 respectively.

^d Contribution in kind worth CHF 40,000.

^e Contribution in kind worth GBP 143,119

Table 8

Use of cash contributions to partially fund the effects-oriented activities in the period 2010–2019

(in United States dollars)

<i>Activity area</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019^a</i>
<i>Earmarked</i>										
ICP F	48 000	74 160	57 800	36 700	59 900	54 600	35 900	52 200	56 900	56 900
ICP W	36 000	38 000	40 600	41 900	41 900	42 800	55 900	41 800	46 300	46 400
ICP M	—	—	—	—	—	—	—	—	55 200	—
ICP V	—	—	—	—	—	—	8 000	—	—	—
ICP IM	—	—	—	—	—	—	—	—	—	—
ICP M&M	—	12 000	—	—	—	—	—	76 100	—	—
Health	—	—	—	—	—	—	—	—	—	—
CIAM	43 000	52 000	—	38 600	38 600	37 800	40 800	36 800	36 900	37 000
Total earmarked	127 000	176 160	98 400	117 200	140 400	135 200	140 600	206 900	195 300	145 400
<i>Non-earmarked^b</i>										
ICP F	68 000	49 000	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200
ICP W	68 000	49 000	70 700	48 700	47 600	42 600	49 800	51 000	52 900	73 200
ICP M	68 000	49 000	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200
ICP V	68 000	49 000	70 700	48 700	47 600	42 600	49 800	51 000	52 900	73 200
ICP IM	68 000	49 000	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200
ICP M&M	68 000	49 000	70 700	48 700	47 600	42 600	49 800	51 000	52 900 ^a	73 200
Health	68 000	49 000	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200
CIAM	68 000	49 000	70 700	48 700	47 600	42 600	49 800	51 000	52 900	73 200
Total non-earmarked	544 000	392 000	565 600	389 600	380 800	340 800	398 400	408 800	423 200	585 600

Notes: Abbreviations used in this table are defined in the notes to table 4 above.

^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 9

International coordination costs for core activities in 2020 not funded through the EMEP Protocol

(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&M CCE^f</i>	<i>Health^g</i>	<i>CIAM^h</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	—	—	—	290 000
Critical loads and levels	45 000	35 000	70 000	55 000	30 000	135 000	—	—	370 000
Dynamic modelling	35 000	40 000	35 000	20 000	80 000	140 000	—	—	350 000
Database management	85 000	65 000	60 000	70 000	75 000	35 000	—	—	390 000
Total (body)	305 000	260 000	310 000	250 000	300 000	310 000	115 000	240 000	2 090 000ⁱ

Notes: Abbreviations used in the table are defined in the notes to table 4 above. In addition, CCE = Coordination Centre for Effects; 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 (NIVA), Oslo.

^c Lead Countries: Sweden and Italy. Programme Main Research Centre: RISE KIMAB, Stockholm.

^d Lead Country: United Kingdom. Programme Coordination Centre: Centre for Ecology and Hydrology, Bangor, United Kingdom.

^e Lead Country: Sweden. Programme Centre: Finnish Environment Institute, Helsinki.

^f Lead Country: France. CCE: Germany, Federal Environment Agency, Dessau, Germany.

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

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

ⁱ Subject to 3 per cent programme support costs, i.e., \$62,700.

Table 10

Recorded contributions to partially fund the effects-oriented activities in 2018

(in United States dollars)

	<i>Contributions in each paid by Trust Fund</i>		<i>Contributions in kind</i>	<i>Total recorded contributions</i>	<i>Budget 2018</i>	<i>Budget deficit (in %)</i>
	<i>Earmarked</i>	<i>Non-earmarked^a</i>				
ICP F	56 900	52 900	273 495	383 295	305 000	—
ICP W	46 300	52 900	193 194	292 394	260 000	—
ICP M	55 200	52 900	81 275	189 375	310 000	39
ICP V	—	52 900	188 100	241 000	250 000	4
ICP IM	—	52 900	177 840	230 740	300 000	23
ICP M&M and CCE	—	52 900	—	52 900	310 000	83
CIAM	36 900	52 900	—	89 800	240 000	63
Health	—	52 900	73 396	126 296	115 000	—
Total	195 300	423 200	987 300	1 605 800	2 090 000	

Notes: The total budget is subject to 3 per cent programme support costs, i.e., \$62 700. Abbreviations used in the table are defined in the notes to table 4 above. In addition, CCE = Coordination Centre for Effects.

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

Table 11
Recommended scale of contributions to the trust fund for core activities not covered by the EMEP Protocol for 2020–2021

<i>Parties to the Convention ^a</i>	<i>United Nations 2018 assessment rate ^b (%)</i>	<i>Recommended scale (%)</i>	<i>Recommended contribution per year (in US\$)</i>
<i>Non-EU countries</i>			
Albania	0.008	0.022	481
Armenia	0.007	0.020	420
Azerbaijan	0.049	0.137	2 943
Belarus	0.049	0.137	2 943
Bosnia and Herzegovina	0.012	0.033	721
Georgia	0.008	0.022	481
Iceland	0.028	0.078	1 682
Kazakhstan	0.178	0.497	10 692
Kyrgyzstan	0.002	0.006	120
Liechtenstein	0.009	0.025	541
Monaco	0.011	0.031	661
Montenegro	0.004	0.011	240
North Macedonia	0.007	0.020	420
Norway	0.754	2.104	45 289
Republic of Moldova	0.003	0.008	180
Russian Federation	2.405	6.710	144 457
Serbia	0.028	0.078	1 682
Switzerland	1.151	3.212	69 135
Turkey	1.371	3.825	82 349
Ukraine	0.057	0.159	3 424
<i>EU countries</i>			
Austria	0.677	1.889	40 664
Belgium	0.821	2.291	49 313
Bulgaria	0.046	0.128	2 763
Croatia	0.077	0.215	4 625
Cyprus	0.036	0.100	2 162
Czechia	0.311	0.868	18 680
Denmark	0.554	1.546	33 276
Estonia	0.039	0.109	2 343
Finland	0.421	1.175	25 287

<i>Parties to the Convention ^a</i>	<i>United Nations 2018 assessment rate ^b (%)</i>	<i>Recommended scale (%)</i>	<i>Recommended contribution per year (in US\$)</i>
France	4.427	12.352	265 908
Germany	6.090	16.992	365 796
Greece	0.366	1.021	21 984
Hungary	0.206	0.575	12 373
Ireland	0.371	1.035	22 284
Italy	3.307	9.227	198 635
Latvia	0.047	0.131	2 823
Lithuania	0.071	0.198	4 265
Luxembourg	0.067	0.187	4 024
Malta	0.017	0.047	1 021
Netherlands	1.356	3.784	81 448
Poland	0.802	2.238	48 172
Portugal	0.350	0.977	21 023
Romania	0.198	0.552	11 893
Slovakia	0.153	0.427	9 190
Slovenia	0.076	0.212	4 565
Spain	2.146	5.988	128 900
Sweden	0.906	2.528	54 419
United Kingdom	4.567	12.743	274 317
European Union	—	3.33	71 685
Total	34 646	100 000	2 152 700

Notes

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

^b See General Assembly resolution A/RES/73/271 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 2020 onwards be calculated according to the scale set out in the following table.**

<i>Contracting Party</i>	<i>Percentage</i>
Albania	0.0223
Armenia	0.0195
Belarus	0.1367
Bosnia and Herzegovina	0.0335
Canada	Voluntary
Georgia	0.0223
Liechtenstein	0.0251
Monaco	0.0307
Montenegro	0.0112
North Macedonia	0.0195
Norway	2.1038
Republic of Moldova	0.0084
Russian Federation	6.7105
Serbia	0.0781
Switzerland	3.2115
Turkey	3.8254
Ukraine	0.1590
United States	Voluntary
Austria	1.8890
Belgium	2.2908
Bulgaria	0.1284
Croatia	0.2148
Cyprus	0.1004
Czechia	0.8678
Denmark	1.5458

** 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>
Estonia	0.1088
Finland	1.1747
France	12.3523
Germany	16.9924
Greece	1.0212
Hungary	0.5748
Ireland	1.0352
Italy	9.2273
Latvia	0.1311
Lithuania	0.1981
Luxembourg	0.1869
Malta	0.0474
Netherlands	3.7835
Poland	2.2378
Portugal	0.9766
Romania	0.5525
Slovakia	0.4269
Slovenia	0.2121
Spain	5.9878
Sweden	2.5279
United Kingdom	12.7429
European Union	3.3300
Total	99.2829
