



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****Sixth joint session**

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Item 2 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 2021-2022. 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), decision 2018/8 and decision 2019/22).

* The present document is being issued without formal editing.



Introduction

1. Chapter I of the present note sets out the financial requirements for 2021–2022 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 2021–2022 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), decision 2018/8 and decision 2019/22). 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 2019 EMEP budget and the status of contributions by Parties, including those that are outstanding. It also presents the proposed schedule of mandatory contributions for 2021 and 2022, which will be submitted to the Executive Body for approval, calculated on the basis of the 2018 United Nations scale of assessments.¹ It also presents the details of the EMEP budget for 2021, prepared by the 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 August 2020 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 2020 totalling \$1,962,370 were received by 31 August 2020. The expected cash contributions for 2020 to the trust fund from the following Parties were still outstanding: Armenia, Bosnia and Herzegovina, Greece, Hungary, Netherlands, North Macedonia, Portugal, Republic of Moldova, Serbia, Slovenia, Spain, Turkey and Ukraine.

4. According to the secretariat's records, the total arrears in cash and in kind by 1 January 2020 stood at \$136,033 while the arrears by 1 January 2019 stood at \$136,475.

5. As of 1 January 2020, the following Parties still had outstanding contributions: Albania (for 2019), Armenia (for 2017 (partially), 2018 and 2019), Bosnia and Herzegovina (for 2019), Greece (for 2019 (partially)), North Macedonia (for 2017–2019), Portugal (for 2015–2019), Republic of Moldova (for 2018 and 2019), Slovenia (for 2019) and. As of 31 August 2020, Albania had paid its arrears for 2019.

6. The use of budgeted resources by the EMEP centres in 2019 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

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.

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 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. 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.

B. Budget and mandatory contributions for 2021–2022

8. At its thirty-ninth session (Geneva, 9–13 December 2019), the Executive Body approved the detailed use of resources in 2020 in the amount of \$2,358,700 (ECE/EB.AIR/144, para.48 (a)) and requested the Steering Body, with the assistance of its Bureau, to present the details of the 2021 budget for approval by the Executive Body at its fortieth session. Table 3 presents the details of the EMEP budget for 2021, prepared by the Steering Body Bureau.

9. The Executive Body adopted a revised annex to the EMEP Protocol, in accordance with article 4(3) of the Protocol, and a revised scale of mandatory contributions for the period 2020–2021, based on the 2018 United Nations scale of assessments. It provisionally agreed on the schedule of mandatory contributions for 2021, based on the amended Annex to the EMEP Protocol. The schedule of mandatory contributions for 2021 and 2022 is proposed for consideration as set out in table 4 below.

C. Proposed decisions

10. The sixth 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 2019, as presented in table 2;

(c) To agree on the schedule of mandatory contributions from Parties for 2021 and provisionally agree on those for 2022 as set out in table 4 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 2021, can be accomplished as foreseen in the workplan;

(e) To agree on the detailed budget for EMEP for 2021 as presented in table 3 below and submit it to the Executive Body for approval;

(f) To urge Parties that have not yet done so to pay their 2020 contributions in cash to the trust fund and, in 2021, 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;

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 2019 and 2020. It also presents a proposed budget for 2021 and provisional budgets for 2022 and 2023 for review and submission to the Executive Body for approval. It also presents a revised recommended scale of contributions for the period 2021–2022, based on the most recent United Nations scale of assessments.

A. Contributions from Parties in 2019 and 2020 and the use of contributions

12. At its thirty-ninth session (Geneva, 9–13 December 2019), the Executive Body decided to adopt a total budget for 2020 of \$2,152,700 for the core activities not funded by the EMEP Protocol (ECE/EB.AIR/144 para. 49 (c)). The secretariat sent a letter to all Parties informing them of the recommended contributions to meet the 2020 budget and invited them to pay them to the trust fund for effects-oriented activities, as agreed in revised decision 2002/1.

13. Throughout 2019 and in 2020, 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 5 (2019 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention) and 6 (2020 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention, as of 31 August 2020) also identify the contributions recommended to Parties by the Executive Body, as well as the actual contributions made.

14. For 2020, a total of 30 Parties made contributions totalling \$1,089,023 of which \$628,503 were contributions in kind and \$460,520 were contributions in cash to the trust fund.

15. As of 31 August 2020, as allowed under revised decision 2002/1, Germany, Finland, Italy, Norway, Sweden and Switzerland and the United Kingdom informed the secretariat of their contributions in kind for 2019 and 2020. These contributions are presented in tables 7 and 8. The use of earmarked and non-earmarked cash contributions for the period 2011–2020 is presented in table 9. Table 10 includes the proposed international coordination costs for 2021, while table 11 presents recorded contributions to partially fund the effects-oriented activities in 2019.

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 2021 and provisional budgets for 2022 and 2023

18. At its thirty-ninth session, the Executive Body decided that the budget for financing the core activities not funded by the EMEP Protocol, would be provisionally be \$2,152,700 (including 3 per cent programme support costs) in 2021 and \$2,152,700 in 2022. The Executive Body also adopted decision 2019/22 designating a new international centre at the Swedish Environmental Research Institute (Centre for Dynamic Modelling). In view of this, it is proposed to increase the budget for 2021, and the provisional budgets for 2022 and 2023 to 2,358,700. The details of the budget (international coordination costs) are presented in table 10.

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 2020, and to make it available to the Executive Body at its fortieth session in December 2020 (ECE/EB.AIR/144, para. 49(d)). It recommended that the amount be used as a basis to co-fund the effects-oriented activities in 2021. The Executive Body encouraged Parties to make contributions to the trust fund before 30 November each year.

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 the period 2021-2022, based on decision 2002/1 as amended by decision 2019/22 and the proposed budget of 2,358,700 is set out in table 12 below.

C. Proposed decisions

21. At their sixth 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 2019 and 2020, but also to express disappointment at the lack of response by many Parties;

(b) To approve the 2021 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 2022 and 2023, 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 2021, and provisionally agree on the one for 2022, as outlined in table 12 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 2020
(in United States dollars)

<i>Parties</i>	<i>EMEP Protocol in force since</i>	<i>Contributions received</i>			<i>Contributions in 2020</i>	
		<i>In kind 1981–2010</i>	<i>In cash 1981–2019</i>	<i>Arrears by 01/01/2020</i>	<i>Expected</i>	<i>Received</i>
Albania	06/09/2011	—	2 680	500	530	1 030
Armenia	21/01/2014	—	832	1 058	460	
Austria	28/01/1988	—	1 298 734	—	44 890	44 890
Belarus	28/01/1988	120 650	28 060	—	3 250	3 250
Belgium	28/01/1988	—	1 532 363	—	54 440	54 440
Bosnia and Herzegovina	06/03/1992	—	11 555	810	790	—
Bulgaria	28/01/1988	60 169	31 500	—	3 050	3 050
Canada	28/01/1988	—	86 614	—	voluntary	voluntary
Croatia	08/10/1992	—	93 741	—	5 110	5 110
Cyprus	18/02/1992	—	49 358	—	2 390	2 390
Czechia	01/01/1993	—	393 152	—	20 620	20 620
Denmark	28/01/1988	—	1 079 060	—	36 730	36 730
Estonia	07/03/2002	—	25 989	—	2 590	2 590
Finland	28/01/1988	—	932 129	—	27 920	27 920
France	28/01/1988	—	8 265 529	—	293 530	293 530
Georgia	08/05/2014	—	2 670	—	530	530
Germany	28/01/1988	—	12 342 916	—	403 790	403 790
Greece	22/09/1988	—	681 136	895	24 270	—
Hungary	28/01/1988	24 945	253 258	—	13 660	
Ireland	28/01/1988	—	500 048	—	24 600	24 600
Italy	12/04/1989	—	6 177 972	—	219 270	219 270
Latvia	19/05/1997	—	36 320	—	3 120	3 120
Liechtenstein	28/01/1988	—	11 599	—	600	600
Lithuania	07/11/2003	—	39 070	—	4 710	4 710
Luxembourg	28/01/1988	—	101 418	—	4 440	4 440
Malta	12/06/1997	—	16 080	—	1 130	1 130
Monaco	25/11/1999	—	6 322	—	730	730
Montenegro	23/10/2006	—	2 675	—	260	260

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 2020</i>	
		<i>In kind 1981–2010</i>	<i>In cash 1981–2019</i>	<i>Arrears by 01/01/2020</i>	<i>Expected</i>	<i>Received</i>
Netherlands	28/01/1988	—	2 663 798	—	89 910	
North Macedonia	31/03/2010	—	2 280	1 290	460	—
Norway	28/01/1988	—	1 287 549	—	49 990	49 990
Poland	13/12/1988	131 337	759 763	—	53 180	53 180
Portugal	10/04/1989	—	399 801	125 770	23 210	—
Republic of Moldova	26/07/2016		250	500	200	—
Romania	27/07/2003	—	112 520	—	13 130	13 130
Russian Federation	28/01/1988	2 434 909	2 064 219	—	159 460	159 460
Serbia	27/04/1992	—	55 145	—	1 860	
Slovakia	28/05/1993	—	144 965	—	10 140	10 140
Slovenia	06/07/1992	—	99 826	5 210	5 040	—
Spain	28/01/1988	—	3 496 784	—	142 290	—
Sweden	28/01/1988	—	1 728 179	—	60 070	60 070
Switzerland	28/01/1988	—	1 861 137	—	76 320	76 320
Turkey	28/01/1988	—	870 359	—	90 900	
Ukraine	28/01/1988	180 164	72 057	—	3 780	—
United Kingdom	28/01/1988	—	8 068 855	—	302 810	302 810
United States	28/01/1988	—	179 850	voluntary	voluntary	voluntary
European Union	28/01/1988	—	2 161 777	—	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	60 057 593	136 033	2 358 700	1 962 370

Table 2
Use of budgeted resources in 2019
 (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	833 196	820 000	833 196	—	—	—	—
B. Atmospheric modelling	845 000	636 094	—	—	395 000	394 586	450 000	241 508
C. Source-receptor calculations	180 000	393 921	—	—	60 000	60 831	120 000	333 090
D. Integrated assessment modelling ^a	155 000	155 060	—	—	—	—	155 000	155 060
E. Emission inventories ^b	220 000	220 459	—	—	—	—	220 000	220 459
F. Priority issues	70 000	59 764	10 000	—	10 000	9 583	50 000	50 181
G. Programme support cost (3 percent of A-K)	68 700							
Subtotal (A-F)	2 358 700	2 298 494	830 000	833 196	465 000	465 000	995 000	1 000 298

^a Work implemented together with the CIAM.

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

Table 3
Proposed 2021 EMEP 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						

Abbreviations: CCC, the Chemical Coordinating Centre; CEIP, the Centre on Emission Inventories and Projections; CIAM, the Centre for Integrated Assessment Modelling; MSC-E, the Meteorological Synthesizing Centre-East; MSC-W, the Meteorological Synthesizing Centre-West

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

^b Represents the budget for MSC-W alone.

Table 4

EMEP scale of contributions calculated on the basis of the 2018 United Nations scale of assessments and the schedule of contributions for 2021–2022

	<i>United Nations 2018 assessment rate (%)</i>	<i>“EMEP share” (%)</i>	<i>EMEP scale of contributions (%)</i>	<i>2021 schedule of contribution (in US\$)</i>	<i>2022 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>2021 schedule of contribution (in US\$)</i>	<i>2022 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 5

2019 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
Armenia	—	—	—	—	—	—	—	—	—	—	—	344
Austria	2385	—	—	—	—	—	—	38 086	40 471	—	40 471	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	2 411	2 411
Czechia	1 470	—	—	—	—	—	—	—	1 470	19 331	20 801	19 331
Denmark	2070	—	—	—	—	—	—	—	2 070	32 799	34 869	32 829
Estonia	262	—	—	—	—	—	—	—	262	—	262	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
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	9 041	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	24	—	—	—	—	—	—	—	24	—	24	215
Netherlands	—	—	—	—	—	—	—	—	—	83 331	83 331	83 331
North Macedonia	—	—	—	—	—	—	—	—	—	1 104	1 104	387
Norway	1 647	47 695	—	—	—	—	—	—	49 342	—	49 342	47 725
Poland	—	—	—	—	—	—	—	—	—	47 273	47 273	47 295
Portugal	—	—	—	—	—	—	—	—	—	—	—	22 044
Republic of Moldova	—	—	—	—	—	—	—	—	—	—	—	215
Romania	—	—	—	—	—	—	—	—	—	10 354	10 354	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	—	—	—	—	—	—	—	—	—	1808	1808	1 808
Slovakia	785	—	—	—	—	—	—	—	785	—	785	8 998
Slovenia	—	—	—	—	—	—	—	—	—	—	—	4 714
Spain	5 310	—	—	—	—	—	—	—	5 310	—	5 310	137 364
Sweden	—	—	45 097	—	—	—	—	—	45 097	53 723	98 820	53 753
Switzerland	3 390	—	—	—	—	—	—	—	3 390	64 086	64 086	64 086
Turkey	—	—	—	—	—	—	—	—	—	57 240	57 240	57 240
Ukraine	—	—	—	—	—	—	—	—	—	5 791	5 791	5 791
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	250 919
United States	—	—	—	—	—	—	—	—	—	—	—	—
European Union	—	—	—	—	—	—	—	—	—	71 709	71 709	71 709
Total	67 390	47 695	45 097	—	—	—	—	38 086	198 268	535 688	733 956	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 6

2020 contributions in cash, earmarked and non-earmarked, towards financing the core activities under the Convention, as of 31 August 2020

(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	—	—	—	—	—	—	—	—	—	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	—	—	—	—	—	—	—	—	—	20 021	20 021	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	2070	—	—	—	—	—	—	—	2070	—	—	33 276
Estonia	262	—	—	—	—	—	—	—	262	—	262	2 343
Finland	—	—	—	—	—	—	—	—	—	—	—	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>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		—	—	—	—	—	—	—				12 373
Iceland	—	—	—	—	—	—	—	—	—	1 682	1 682	1 682
Ireland	—	—	—	—	—	—	—	—	—			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
Norway	1 695	45 274	—	—	—	—	—	—	46 969	—	46 969	45 289
Poland	—	—	—	—	—	—	—	—	—			48 172
Portugal	—	—	—	—	—	—	—	—	—	—	—	21 023
Republic of Moldova	—	—	—	—	—	—	—	—	—	—	—	180
Romania	—	—	—	—	—	—	—	—	—	11 851	11 851	11 893
Russian Federation	—	—	—	—	—	—	—	—	—	—	—	144 457
Serbia	—	—	—	—	—	—	—	—	—	1682	1682	1 682

	<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>
Slovakia		—	—	—	—	—	—	—		—		9 190
Slovenia	—	—	—	—	—	—	—	—	—	4 565	4 565	4 565
Spain		—	—	—	—	—	—	—		—		128 900
Sweden	—	—		—	—	—	—	—				54 419
Switzerland	3 390	—	—	—	—	—	—	—	3 390	69 135	69 135	69 135
Turkey	—	—	—	—	—	—	—	—	—			82 349
Ukraine	—	—	—	—	—	—	—	—	—			3 424
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	274 317
United States	—	—	—	—	—	—	—	—	—	—	—	—
European Union	—	—	—	—	—	—	—	—	—	71 685	71 685	71 685
Total	57 487	45 274		—	—	—	—	38 279	141 040	319 480	460 520	2 152 700

Note: Abbreviations used in the table are defined in the notes to table 5 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 7

Contributions in kind towards financing selected core activities under the Convention in 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	—	—	—	—	33 521	—	2 618	36 139
Switzerland ^d	—	—	—	—	—	—	39 177	39 177
United Kingdom ^e	—	—	—	173 088	—	—	—	173 088
Total (body)	255 275	197 562	80 833	173 088	169 521	129 615	51 359	1 057 254

Notes: For column heading abbreviations, please see notes to table 5. 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 320,000 and SEK 25,000 respectively.

^d Contribution in kind worth CHF 40,000.

^e Contribution in kind worth GBP 143,119

Table 8

Contributions in kind towards financing selected core activities under the Convention in 2019

(preliminary as of 31 August 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	—	—	—	—	—	—	—	35 000	35 000
Italy	—	—	48 000	—	—	—	—	—	48 000
Norway ^b	—	196 400	32 640	—	—	—	—	—	229 040
Sweden ^c	—	—	59 728	—	45 495	—	28 715	—	136 556
Switzerland ^d	—	—	—	—	—	—	—	43 907	43 907
United Kingdom ^e	—	—	—	—	—	—	—	—	—
Total (body)	0	196 400	140 368	0	181 495	0	28 715	81 525	628 503

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

^a Data not provided by 31 August 2020, estimate provided by WHO

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

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

^d Contribution in kind worth CHF 40,000.

^e Data not provided by 31 August 2020

Table 9

Use of cash contributions to partially fund the effects-oriented activities in the period 2011–2020

(in United States dollars)

<i>Activity area</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</i>	<i>2020^a</i>
<i>Earmarked</i>										
ICP F	74 160	57 800	36 700	59 900	54 600	35 900	52 200	56 900	56 900	66 400
ICP W	38 000	40 600	41 900	41 900	42 800	55 900	41 800	46 300	46 400	47 100
ICP M	—	—	—	—	—	—	—	55 200	—	44 500
ICP V	—	—	—	—	—	8 000	—	—	—	—
ICP IM	—	—	—	—	—	—	—	—	—	—
ICP M&M	12 000	—	—	—	—	—	76 100	—	—	—
Health	—	—	—	—	—	—	—	—	—	—
CIAM	52 000	—	38 600	38 600	37 800	40 800	36 800	36 900	37 000	37 700
CDM										
Total earmarked	176 160	98 400	117 200	140 400	135 200	140 600	206 900	195 300	145 400	195 700
<i>Non-earmarked^b</i>										
ICP F	49 000	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800
ICP W	49 000	70 700	48 700	47 600	42 600	49 800	51 000	52 900	73 200	59 800
ICP M	49 000	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800
ICP V	49 000	70 700	48 700	47 600	42 600	49 800	51 000	52 900	73 200	59 800
ICP IM	49 000	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800
ICP M&M	49 000	70 700	48 700	47 600	42 600	49 800	51 000	52 900 ^a	73 200	59 800
Health	49 000	70 700	48 700	47 600	42 600	49 800	51 100	52 900	73 200	59 800
CIAM	49 000	70 700	48 700	47 600	42 600	49 800	51 000	52 900	73 200	59 800
CDM										
Total non-earmarked	392 000	565 600	389 600	380 800	340 800	398 400	408 800	423 200	585 600	538 200

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 10

International coordination costs for core activities in 2021 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>ICP M&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

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 Lead Country: Sweden. Programme Centre: Swedish Environmental Research Institute, Stockholm.

^h 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.

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 2019
 (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 2019</i>	<i>Budget deficit (in %)</i>
	<i>Earmarked</i>	<i>Non-earmarked^a</i>				
ICP F	56 900	73 200	255 275	383 295	305 000	—
ICP W	46 400	73 200	197 562	292 394	260 000	—
ICP M	—	73 200	80 833	189 375	310 000	50
ICP V	—	73 200	173 088	241 000	250 000	2
ICP IM	—	73 200	169 400	230 740	300 000	19
ICP M&M and CCE	—	73 200	129 615	52 900	310 000	35
CIAM	37 000	73 200	—	89 800	240 000	54
Health	—	73 200	59 171	126 296	115 000	—
Total	145 400	585 600	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 12

Recommended scale of contributions to the trust fund for core activities not covered by the EMEP Protocol for 2021–2022

<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	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
Republic 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
<i>EU 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
Finland	0.421	1.175	27 707

<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	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
United Kingdom	4.567	12.743	300 568
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 A/RES/73/271 on the scale of assessments for the apportionment of the expenses of the United Nations.