



**Economic and Social
Council**

Distr.
GENERAL

EB.AIR/2000/6
19 September 2000

ORIGINAL : ENGLISH

ECONOMIC COMMISSION FOR EUROPE

**EXECUTIVE BODY FOR THE CONVENTION ON
LONG-RANGE TRANSBOUNDARY AIR POLLUTION**

Eighteenth session, Geneva
(28 November – 1 December 2000)
Item 10 of the provisional agenda

**FINANCIAL REQUIREMENTS FOR THE IMPLEMENTATION OF THE COOPERATIVE
PROGRAMME FOR MONITORING AND EVALUATION OF THE LONG-RANGE
TRANSMISSION OF AIR POLLUTANTS IN EUROPE (EMEP)**

Note by the secretariat

1. This note sets out the financial requirements of EMEP for the year 2001. It is based on the decisions taken by the Steering Body for EMEP at its twenty-fourth session (EB.AIR/GE.1/2000/2, paras. 64-69). It reports on the status of the EMEP Trust Fund and the contributions by Parties, including those that are outstanding. The note presents for approval by the Executive Body the proposed EMEP budget for 2001 and the schedule of mandatory contributions calculated on the basis of this budget.

Documents prepared under the auspices or at the request of the Executive Body for the Convention on Long-range Transboundary Air Pollution for GENERAL circulation should be considered provisional unless APPROVED by the Executive Body.

I. STATUS OF THE TRUST FUND, CONTRIBUTIONS IN KIND AND EXTRABUDGETARY CONTRIBUTIONS

2. The contributions paid by the Parties to the Convention for the long-term financing of EMEP as of 12 September 2000 are summarized in table 1 below. They include both the mandatory contributions by the Parties to the EMEP Protocol within the geographic scope of EMEP and voluntary contributions by Canada and the United States, as Parties outside the geographic scope of EMEP. The Protocol on the Long-term Financing of the Cooperative Programme for Monitoring and Evaluation of Long-range Transboundary Air Pollution (EMEP) had 38 Parties by 12 September 2000.

3. Table 1 also includes the mandatory contributions in kind: in 1999 only Belarus contributed in kind to the work of the Meteorological Synthesizing Centre-East (MSC-E). All other Parties have agreed to pay their contributions in cash.

4. In addition to the contributions summarized in table 1, voluntary contributions directly to the centres have been allocated over several years. In the period 1994-1998, the Meteorological Synthesizing Centre-West (MSC-W) received in total the equivalent of US\$ 1,885,220 from Norway and the United Kingdom, US\$ 1,797,322 from Norway and US\$ 30,000 from the United States. Between 1994 and 1996, the Chemical Coordinating Centre (CCC) received in total the equivalent of US\$ 465,641 from its host institution, the Norwegian Institute from Air Research (NILU). In 1999, the CCC received the equivalent of US\$ 65,533 from NILU.

5. According to the payment records communicated to the secretariat by 12 September 2000, the total arrears in cash and in kind from 1991 to 1999 stand at US\$ 601,084, of which US\$ 317,639 outstanding payments in cash. Yugoslavia is still in arrears for 1991, 1992, 1993, 1994, 1996, 1997, 1998 and 1999; Bosnia and Herzegovina for 1996, 1997, 1998 and 1999; Ukraine for 1992, 1993, 1994, 1996, 1997, 1998 and 1999; and Germany, Italy and Malta for 1999. Ukraine's arrears for 1992 to 1998 relate to contributions in kind equivalent to US\$ 283,445, while it agreed to pay in cash as of 1999. A proposal by Ukraine to cover its arrears in kind had been discussed by the EMEP Bureau, which has recommended that the project should proceed after having been reoriented to focus on the priorities discussed by the EMEP Steering Body. The situation of Germany is explained in paragraphs 7-9 below. Italy informed the EMEP Steering Body of an additional payment to be made in the course of 2000 (EB.AIR/GE.1/2000/2, para. 66).

6. In addition, as detailed in table 1 below, payments in cash for 2000 totalling US\$ 1,149,177 from Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Denmark, Germany, Greece, Hungary, Italy, Latvia, Malta, Spain, Ukraine, United Kingdom, Yugoslavia and European Community in cash to the Trust Fund and an in-kind contribution from Belarus are still outstanding.

7. At its seventeenth session in 1999, the Executive Body decided on the use of resources in 2000 as detailed in table 2 below (ECE/EB.AIR/68, para. 73 (b)). Germany, however, reserved its position on its 2000 mandatory contribution, as it had earlier reserved its position on its 1999 contribution, calculated on the basis of the United Nations scales of assessments for these years. Use of these scales had led to a steep increase in Germany's contributions to EMEP. The delegation of Germany repeated that it did not find the use of the United Nations scales of assessment appropriate for calculating the EMEP contributions (ECE/EB.AIR/68, para. 72).

8. Germany submitted a formal statement in writing on this matter to the Executive Secretary of ECE on 21 February 2000. Referring to article 4 of the EMEP Protocol, Germany stressed that any change in the scale of assessments must be made by consensus of the Executive Body and that the German Government therefore took the view that Germany had no obligation under international law to pay the contributions as calculated. Germany informed the secretariat that it had earmarked US\$ 438,000 for 2000 instead of the calculated US\$ 476,002. This was approximately 10% more than Germany had paid in 1999, i.e. US\$ 398,114 (the calculated contribution for 1999 was US\$ 467,629).

9. The secretariat informed the Bureaux of the Steering Body and the Executive Body about this issue before the finalization of the contracts between UN/ECE and the EMEP centres for 2000. The contracts could not exceed the amount that was expected to be paid to the Trust Fund. Consequently, the Bureau of the Executive Body decided at its meeting on 11 April 2000 that the total EMEP budget for 2000 should be reduced by US\$ 107,517, as proposed by the Chairman of the Steering Body in consultation with its Bureau. This would cover the deficits of 1999 and 2000 due to Germany's smaller contributions. It also decided to deduct this amount proportionally from the EMEP centres' budgets for 2000. The revised 2000 budget is detailed in table 3 below.

II. 2001 BUDGET AND MANDATORY CONTRIBUTIONS

10. At its seventeenth session, the Executive Body decided to set the totals of EMEP budgets from 2001 to 2003 at the same level as in 2000 (US\$ 2,040,495) and to calculate the mandatory contributions for these years in United States dollars according to the 2000 United Nations scale of assessments.

11. The Steering Body considered the detailed 2001 budget at its twenty-fourth session and adopted the proposal for the 2001 budget set out in table 4 below and for the schedule of mandatory contributions from Parties for 2001 set out in the last column of table 5 (EB.AIR/GE.1/2000/2, para. 69 (e)).

III. PROPOSED DECISIONS

12. The Executive Body may wish, inter alia, to:

(a) Approve the decision by its Bureau to revise the budget for 2000 as set out in table 3 below;

(b) Decide on the detailed use of resources in 2001 as set out in table 4 and on the scale of mandatory contributions as set out in table 5 (last two columns);

(c) Reaffirm its decision of the seventeenth session to keep budgets for 2002 and 2003 at the same level as in 2000 and 2001 (US\$ 2,040,495) and to calculate the mandatory contributions for these years in United States dollars according to the 2000 United Nations scale of assessments;

(d) Request the Steering Body, with the assistance of its Bureau, to consider further the details of the 2002 budget together with the work-plan for approval by the Executive Body at its nineteenth session; and

(e) Urge Parties to pay their 2000 contributions in cash to the Trust Fund if they have not yet done so and, in 2001, to pay their contributions in February/March according to the procedure that will be explained in a circular letter by the secretariat.

Table 1. Contributions to the financing of the EMEP programme (12 September 2000)

Party	EMEP Protocol Ratification	Contributions		Arrears by 1999	Contributions 2000	
		1981-1987	1988-1999 <u>a/</u>		Expected	Received
			In kind	In cash		
Austria	04.06.1987	46,408		342,029		45,490
Belarus	04.10.1985		103,833			2,753
Belgium	05.08.1987	64,761		469,805		53,313
Bosnia and Herzegovina	06.03.1992			928	2,001	241
Bulgaria	26.09.1986	3,400 <u>b/</u>	56,769	906		531
Canada	04.12.1985	37,798		48,816		voluntary
Croatia	08.10.1992			17,286		1,449
Cyprus	20.11.1991			6,981		1,642
Czech Republic	01.01.1993			104,316		5,167
Denmark	29.04.1986	52,500		287,003		33,417
Finland	24.06.1986	140,333		227,604		26,222
France	30.10.1987	30,000		2,524,204		316,063
Germany	07.10.1986	416,826		3,604,769	69,515 <u>c/</u>	476,002
- former GDR till 1990		16,000 <u>b/</u>	155,052			438,000
Greece	24.06.1988			197,270		16,950
Hungary	08.05.1985	2,250 <u>b/</u>	22,695	58,380		5,795
Ireland	26.06.1987	9,754		98,765		10,817
Italy	12.01.1989			1,331,210	190,981	262,557
Latvia	18.02.1997			4,465		821
Liechtenstein	01.05.1985	160		3,934		290
Luxembourg	24.08.1987	671		23,042		3,284
Malta	14.03.1997			395	675	676
Monaco	27.08.1999					193
Netherlands	22.10.1985	159,816		672,072		78,810
Norway	12.03.1985	151,099		269,761		29,457
Poland	14.09.1988	9,000 <u>b/</u>	122,337	117,196		9,465
Portugal	10.01.1989	7,050		79,386		20,813
Russian Federation	21.08.1985		2,434,909	243,302		52,009
- former USSR till 1991		1,593,000 <u>b/</u>	1,076,522			52,027
Slovakia	28.05.1993			37,510		1,690
Slovenia	06.07.1992			17,723		2,946
Spain	11.08.1987	61,303		814,890		125,121
Sweden	12.08.1985	163,034		529,062		52,106
Switzerland	26.07.1985	57,922		476,398		58,673
Turkey	20.12.1985	16,336		136,198		21,248
Ukraine	30.08.1985		180,164	0	297,844 <u>d/</u>	9,175
United Kingdom	12.08.1985	227,495		1,892,318		245,896
United States	29.10.1984	40,000		79,850		voluntary
Yugoslavia, since 1993	28.10.1987			5,618	21,094	1,256
- former Yugoslavia		4,056		21,643	18,974	
European Community	17.07.1986	74,559		664,376		68,158
Former Czechoslovakia		9,000 <u>b/</u>	104,405			
Total, in cash		1,761,881		15,409,411	317,639	2,037,743
Total, in kind		1,632,650	4,256,686		283,445	2,753
Total (all)	38 Parties	3,394,531	19,666,097	601,084	2,040,496	1,128,913

Notes:

a/ The EMEP Protocol entered into force on 28.1.1988.b/ Contribution in kind.c/ Germany reserved its position on its 1999 and 2000 contributions. The shortfall for 1999 is US\$ 69,515 and for 2000 US\$ 38,002.d/ Arrears for Ukraine include the equivalent of US\$ 283,445 to be contributed in kind. As of 1999, Ukraine is expected to pay in cash.

Table 2. 2000 EMEP budget covered by the mandatory contributions through the Trust Fund (in US\$) - as adopted by the Executive Body at its seventeenth session

		TOTAL	CCC	MSC-E	MSC-W
I.	Acid deposition and eutrophication				
	Modelling	247,500			247,500
	Measurements	440,000	440,000		
II.	Photo-oxidants				
	Modelling	215,600			215,600
	Measurements	255,200	255,200		
III.	Heavy metals				
	Modelling	187,000		187,000	
	Measurements	55,000	55,000		
IV.	Persistent organic pollutants				
	Modelling	214,500		214,500	
	Measurements	60,500	60,500		
V.	Integrated assessment modelling	66,220			66,220 ^{a/}
VI.	Small particles	66,000	27,500	11,000	27,500
VII.	Emission database	154,000			154,000
VIII	Cooperation with national programmes	15,090	5,030	5,030	5,030
.					
	Sub-total	1,976,610	843,230	417,530^{b/}	715,850^{c/}
IX.	Programme support cost (3%)	61,132			
	Belarus in kind	2,753			
	TOTAL	2,040,495			

“Modelling” includes all necessary elements of the activity, such as: input data preparation for model runs (emission data, meteorological data, etc.), model development, model verification and model calculations. “Measurements” includes data monitoring, data storage, quality control and quality assurance, etc.

^{a/} To be used for external consultancy.

^{b/} Expected contributions in kind equivalent to US\$ 2,753 from Belarus to MSC-E to be added.

^{c/} Extrabudgetary voluntary contribution of some US\$ 500,000 from Norway and the United Kingdom to MSC-W expected.

Table 3. Revised 2000 EMEP budget covered by the mandatory contributions through the Trust Fund (in US\$)
Adopted by the Executive Body's Bureau on 11.4.2000

	TOTAL	CCC	MSC-E	MSC-W
I. Acid deposition and eutrophication				
Modelling	234,000			234,000
Measurements	420,000	420,000		
II. Photo-oxidants				
Modelling	207,000			207,000
Measurements	255,200	255,200		
III. Heavy metals				
Modelling	176,180		176,180	
Measurements	55,000	55,000		
IV. Persistent organic pollutants				
Modelling	203,580		203,580	
Measurements	36,720	36,720		
V. Integrated assessment modelling	56,235			56,235 ^{a/}
VI. Small particles	61,000	27,500	11,000	22,500
VII. Emission database	154,000			154,000
VIII. Cooperation with national programmes	15,090	5,030	5,030	5,030
Sub-total	1,874,005	799,450	395,790^{b/}	678,765^{c/}
IX. Programme support cost (3% of expenditures)	56,220			
Belarus in kind	2,753			
TOTAL	1,932,978			

“Modelling” includes all necessary elements of the activity, such as: input data preparation for model runs (emission data, meteorological data, etc.), model development, model verification and model calculations.

“Measurements” includes data monitoring, data storage, quality control and quality assurance, etc.

^{a/} To be used for external consultancy.

^{b/} Expected contributions in kind equivalent to US\$ 2,753 from Belarus to MSC-E to be added.

^{c/} Extrabudgetary voluntary contribution of some US\$ 500,000 from Norway and the United Kingdom to MSC-W expected.

Table 4. Draft 2001 EMEP budget covered by the mandatory contributions through the Trust Fund (in US\$)

		CCC	MSC-E	MSC-W
	TOTAL			
I. Acid deposition and eutrophication				
Modelling	160,800			160,800
Measurements	330,000	330,000		
II. Photo-oxidants				
Modelling	215,600			207,000
Measurements	255,200	255,200		
III. Heavy metals				
Modelling	176,000		176,000	
Measurements	55,000	55,000		
IV. Persistent organic pollutants				
Modelling	226,500		226,500	
Measurements	60,500	60,500		
V. Integrated assessment modelling	66,220			66,220 ^{a/}
VI. Small particles ^{d/}	250,300	127,500		122,800
VII. Emission database and verification of data	154,000			154,000 ^{e/}
VIII. Cooperation with national programmes	25,090	15,030	15,030	5,030
Sub-total	1,976,610	843,230	417,530^{b/}	715,850^{c/}
IX. Programme support cost (3%)	61,132			
Belarus in kind	2,753			
TOTAL	2,040,495			

“Modelling” includes all necessary elements of the activity, such as: input data preparation for model runs (emission data, meteorological data, etc.), model development, model verification and model calculations.

“Measurements” includes data monitoring, data storage, quality control and quality assurance, etc.

^{a/} To be used for external consultancy in consultation with the Centre for Integrated Assessment Modelling.

^{b/} Expected contributions in kind equivalent to US\$ 2,753 from Belarus to MSC-E to be added.

^{c/} Extrabudgetary voluntary contribution of some US\$ 461,700 from Norway, the European Community and the United Kingdom to MSC-W expected.

^{d/} Work on particles at MSC-E is included in work on heavy metals and POPs (III and IV).

^{e/} Voluntary contribution of US\$ 42,300 in 2000 from the Netherlands and Switzerland to support the development of an interim particulate matter emission inventory in Europe by an external consultant. Additional contribution expected in 2001.

**Table 5. Mandatory EMEP contributions for 2001
calculated on the basis of the 2000 United Nations scale of assessments**

Parties to the EMEP Protocol	UN 2000 assessment	EMEP share	2001 contribution	
	rate (%)	%	%	US \$
Belarus	0.0570	0.1344	0.1349	2,753
Bosnia and Herzegovina	0.0050	0.0118	0.0118	241
Bulgaria	0.0110	0.0259	0.0260	531
Canada	2.7320			voluntary
Croatia	0.0300	0.0707	0.0710	1,449
Cyprus	0.0340	0.0802	0.0805	1,642
Czech Republic	0.1070	0.2523	0.2532	5,167
Hungary	0.1200	0.2830	0.2840	5,795
Latvia	0.0170	0.0401	0.0402	821
Liechtenstein	0.0060	0.0141	0.0142	290
Malta	0.0140	0.0330	0.0331	676
Monaco	0.0040	0.0094	0.0095	193
Norway	0.6100	1.4386	1.4436	29,457
Poland	0.1960	0.4622	0.4639	9,465
Russian Federation	1.0770	2.5399	2.5488	52,008
Slovakia	0.0350	0.0825	0.0828	1,690
Slovenia	0.0610	0.1439	0.1444	2,946
Switzerland	1.2150	2.8654	2.8754	58,672
Turkey	0.4400	1.0377	1.0413	21,248
Ukraine	0.1900	0.4481	0.4497	9,175
United States	25.0000			voluntary
Yugoslavia	0.0260	0.0613	0.0615	1,256
Austria	0.9420	2.2215	2.2293	45,489
Belgium	1.1040	2.6036	2.6127	53,312
Denmark	0.6920	1.6320	1.6377	33,417
Finland	0.5430	1.2806	1.2851	26,221
France	6.5450	15.4352	15.4893	316,058
Germany	9.8570	23.2460	23.3274	475,995
Greece	0.3510	0.8278	0.8307	16,950
Ireland	0.2240	0.5283	0.5301	10,817
Italy	5.4370	12.8222	12.8671	262,553
Luxembourg	0.0680	0.1604	0.1609	3,284
Netherlands	1.6320	3.8488	3.8623	78,809
Portugal	0.4310	1.0164	1.0200	20,813
Spain	2.5910	6.1104	6.1318	125,119
Sweden	1.0790	2.5446	2.5535	52,105
United Kingdom	5.0920	12.0086	12.0506	245,893
European Community		3.3300	3.3417	68,186
Total		99.6510	100.0000	2,040,495
Parties to the Convention, but not Parties to the EMEP Protocol:				
Armenia	0.0060	0.0141		
Estonia	0.0120	0.0283		
Georgia	0.0070	0.0165		
Iceland	0.0320	0.0755		
Kyrgyzstan	0.0060	0.0141		
Lithuania	0.0150	0.0354		
Republic of Moldova	0.0100	0.0236		
Romania	0.0560	0.1321		
The FYR of Macedonia	0.0040	0.0094		
Total (excl. Canada & USA)	40.9910	100.0000		