# No. 27708

# FEDERAL REPUBLIC OF GERMANY and HUNGARY

Agreement on cooperation in environmental protection (with work plan). Signed at Budapest on 12 December 1988

Authentic texts: German and Hungarian.

Registered by Germany on 7 December 1990.

# RÉPUBLIQUE FÉDÉRALE D'ALLEMAGNE et HONGRIE

Accord relatif à la coopération en matière de protection de l'environnement (avec plan de travail). Signé à Budapest le 12 décembre 1988

Textes authentiques: allemand et hongrois.

Enregistré par l'Allemagne le 7 décembre 1990.

# [Translation — Traduction]

# AGREEMENT BETWEEN THE GOVERNMENT OF THE FEDERAL REPUBLIC OF GERMANY AND THE GOVERNMENT OF THE HUNGARIAN PEOPLE'S REPUBLIC ON COOPERATION IN ENVIRONMENTAL PROTECTION

The Government of the Federal Republic of Germany and the Government of the Hungarian People's Republic,

Seeking to develop and promote cooperation in environmental protection,

Desiring, pursuant to the Final Act of the Conference on Security and Cooperation in Europe,<sup>2</sup> the Convention on Long-Range Transboundary Air Pollution concluded at Geneva in 1979<sup>3</sup> and at Helsinki in 1985,<sup>4</sup> and the resolution adopted by the Multilateral Environmental Conference at Munich in 1984, to make an effective contribution to environmental protection within the framework of close and lasting cooperation between the two countries,

In accordance with the aims of the Agreement of 7 October 1987 between the Government of the Federal Republic of Germany and the Government of the Hungarian People's Republic concerning cooperation in scientific research and technological development,<sup>5</sup>

Have agreed as follows:

# Article 1

The two Parties shall promote cooperation on selected aspects of environmental protection which are of concern to both Parties. Their efforts in that connection shall be focused in particular on the investigation of harmful effects on the environment, the joint formulation of ways and means to improve the state of the environment, and the solution of problems relating to the rational use of natural resources.

# Article 2

Cooperation shall be pursued in the following areas in particular:

- (a) Measures and technologies for reducing and measuring noxious substances in the air;
- (b) Identification of the causes of forest damage and measures for reducing such damage;
  - (c) Measures and technologies for protecting surface water and groundwater;
- (d) Avoidance, recycling and safe disposal of wastes, and reclamation of old waste sites;
  - (e) Experience and measures in the area of nature conservation;

<sup>&</sup>lt;sup>1</sup> Came into force on 12 December 1988 by signature, in accordance with article 10.

<sup>&</sup>lt;sup>2</sup> International Legal Materials, vol. 14 (1975), p. 1292 (American Society of International Law). <sup>3</sup> United Nations, *Treaty Series*, vol. 1302, p. 217. <sup>4</sup> *Ibid.*, vol. 1480, No. I-25247.

<sup>&</sup>lt;sup>5</sup> *Ibid.*, vol. 1555, No. I-27015.

(f) General and organizational aspects of environmental policy and law, and economic aspects of environmental policy and education.

For this purpose, meetings of experts, specialized activities, exchanges of experts, interchange of information and further training, and transmission of scientific and technical information, including the results of research, shall be carried out on a basis of reciprocity.

### Article 3

For the purpose of implementing this Agreement, work plans shall be drawn up for successive periods of three years. They shall establish in particular the specific topics, the number of participants and the duration of the respective activities. Further details of the work plans shall be set out in work programmes.

### Article 4

With a view to promoting the implementation of this Agreement, a working group for cooperation in the field of environmental protection (hereinafter referred to as the "working group") shall be formed of representatives of the two Parties.

Within three months following the entry into force of this Agreement, each Party shall communicate to the other Party the name of its chairman of the working group.

The working group shall meet at least every two years, the venue alternating between the two Parties.

Subsequent to the first work plan, as referred to in article 10, the working group shall decide upon further work plans for cooperation, for periods of three years in each case, and shall, where required, review current work plans.

The working group shall discuss the results of cooperation and decide upon concrete measures in connection therewith.

### Article 5

In accordance with the aims of this Agreement, both Parties shall support the establishment and development of contacts and cooperation between institutions, organizations and enterprises.

# Article 6

The two Parties may, by mutual agreement, apprise third parties of the results of their cooperation. In information exchanges and in the transmission of information to third parties, both Parties shall observe the laws, rights of third parties and international obligations in force.

The use of confidential or restricted information shall be subject to special provisions.

### Article 7

Travel costs incurred in the assignment of experts shall be borne by the sending Party, unless otherwise provided in particular cases.

### Article 8

Pursuant to the Quadripartite Agreement of 3 September 1971,<sup>1</sup> this Agreement shall, in accordance with the established procedures, be extended to Berlin (West).

### Article 9

This Agreement is concluded for a period of five years.

It shall thereafter be extended for further periods of five years unless one of the two Parties denounces the Agreement in writing no later than three months before the date of its expiry.

# Article 10

This Agreement and the first work plan shall enter into force on the date of signature of this Agreement.

Further work plans shall be formulated in accordance with article 4 and shall enter into force under a joint protocol.

Done at Budapest, on 12 December 1988, in two originals, in the German and Hungarian languages, both texts being equally authentic.

For the Government of the Federal Republic of Germany:

Dr. Hans-Alfred Steger Dr. Klaus Töpfer

For the Government of the Hungarian People's Republic:

Dr. László Maróthy

<sup>&</sup>lt;sup>1</sup> United Nations, *Treaty Series*, vol. 880, p. 115.

Work plan for the implementation of the Agreement of 12 December 1988 between the Government of the Federal Republic of Germany and the Government of the Hungarian People's Republic on cooperation in environmental protection for the period 1989 to 1991

		Entity responsible for coordination in the		D /		
No.	Topics/activities	Federal Republic of Germany	Hungarian People's Republic	Persons/ days	Inviting party	Date
1	2	3	4	5	6	7
1.0	Measures and technologies for reducing and measuring noxious substances in the air					
1.1	Measures and technologies for waste-gas cleaning in connection with SO <sub>2</sub> , NO <sub>x</sub> , dust and hydrocarbons;	Federal Ministry of the Environment, Nature Conservation and Reactor Safety	Ministry of the Environment and Water Management	3/3	Federal Republic of Germany	1989
	technological processes with low pollutant emissions (at power stations, in the cement industry, in metalworking			3/3	Hungarian People's Republic	1990
	and in the chemical industry)			3/3	Federal Republic of Germany	1991
1.2	Methods and instruments for measuring and monitoring emissions and immissions; development of atmospheric pollution networks; evaluation and processing of measuring results; classification of air in human	Federal Ministry of the Environment, Nature Conservation and Reactor Safety	Ministry of the Environment and Water Management	3/3	Hungarian People's Republic	1989
				3/3	Federal Republic of Germany	1990
	settlements, and smog warning plans			3/3	Hungarian People's Republic	1991
1.3	Reduction of air pollution from traffic	Federal Ministry of the Environment, Nature	Environment and	2/3	Federal Republic of Germany	1989
	Technical means for pollution control, widespread introduction of unleaded gasoline, motor vehicle inventories, and organization of traffic	Conservation and Reactor Safety	Water Management	2/3	Hungarian People's Republic	1990
	organization of traine			2/3	Federal Republic of Germany	1991

		2	5	7	5	· ·	,
Vol. 1587, I-27708	2.0	Identification of the causes of forest damage and measures for reducing such damage	Federal Ministry of Food, Agriculture and Forestry	Ministry of the Environment and Water Management	3/3	Hungarian People's Republic	1989
					3/3	Federal Republic of Germany	1990
					3/3	Hungarian People's Republic	1991

- Methods for surveying and monitoring 2.1 forest damage
- Precise definition of the mechanisms of 2.2 forest damage caused by immissions
- Forestry-based means for improving the hardiness of woodlands in exposed areas, limiting the rate of forest loss and facilitating the reafforestation of woodland areas damaged by immissions, and measures to safeguard land-based resources 2.3

	1 2	3	7	5	U	/
Vol. 1587,	Avoidance, recycling and safe disposal of wastes, in particular special wastes, and reclamation of old waste sites	Federal Ministry of the Environment, Nature Conservation and	Ministry of the Environment and Water Management	3/3	Hungarian People's Republic	1989
I-27708	Reactor Safety	Reactor Safety	Ü	3/3	Federal Republic of Germany	1990
				3/3	Hungarian People's Republic	1991

- Disposal of special wastes, in particular by means of thermal processes, including hospital waste disposal 4.1
- Techniques for the avoidance and recycling of special wastes 4.2
- Technical, economic and organizational aspects of household waste disposal, in particular the separate collection of noxious materials 4.3
- Clean-up of contaminated areas 4.4

289

1990

1	2	3	4	5	6	7
5.0	Experience and measures in the area of nature conservation					
5.1	General aspects of nature conservation and landscape protection (organization, strategies, laws, planning instruments, protected area systems, and promotional measures)	Federal Ministry of the Environment, Nature Conservation and Reactor Safety	Ministry of the Environment and Water Management	3/3	Hungarian People's Republic	1989
				3/3	Federal Republic of Germany	1990
				3/3	Hungarian People's Republic	1991
5.2	Protection of animal and plant species (biotope protection, reconstruction and interlinking, and implementation of	Federal Ministry of the Environment, Nature Conservation and	Ministry of the Environment and Water Management	3/3	Hungarian People's Republic	1989
	international conventions)	Reactor Safety	water management	3/3	Federal Republic of Germany	1990
				3/3	Hungarian People's Republic	1991

	1	2	3	4	5	6	7
Vol. 1587, I-27708	economic aspects of environmental	General environmental policy and law, economic aspects of environmental policy, and promotion of environmental	Federal Ministry of the Environment, Nature Conservation and Reactor Safety	Ministry of the Environment and Water Management	4/2	Hungarian People's Republic	1989
I-27708		awareness			4/2	Federal Republic of Germany	1990
					4/2	Hungarian People's Republic	1991
	6.1	General environmental policy					
		Principles of environmental policy, cooperation between authorities and institutions, and the role of the media and civic groups					
	6.2	Environmental law					
	6.3	Ecological compatibility testing					
	6.4	Economic aspects of environmental policy; product quality certificates; inclusion of environmental protection factors in merchandise testing					
	6.5	Strategies and measures for restricting or banning the production or use of dangerous substances					
	6.6	Promotion of environmental awareness, and scholastic and extrascholastic environmental education					

# ANNEX TO THE WORK PLAN 1989-1991

Work programme for the first meeting on the topics included in the work plan for the period 1989 to 1991 for the purpose of implementing the Agreement of 12 December 1988 between the Government of the Federal Republic of Germany and the Government of the Hungarian People's Republic on cooperation in environmental protection

The experts' discussions shall, to the extent possible, be supported by inspections of relevant installations.

The work programmes for each subsequent discussion shall be formulated by the experts on the basis of the topics included in the work plan.

Work programme relating to point 1.1 of the work plan

Measures and technologies for waste-gas cleaning in connection with  $SO_2$ ,  $NO_x$ , dust and hydrocarbons; technological processes with low pollutant emissions (at power stations, in the cement industry, in metalworking and in the chemical industry)

- 1. Reporting on measures already adopted to reduce  $SO_2$ ,  $NO_{\chi}$  and dust emissions from furnaces
  - 2. Waste-gas cleaning techniques

### Participants:

Dr. Günter Reimann Federal Ministry of the Environment, Nature Conservation and Reactor Safety P.O. Box 12 06 29 Bonn 1

Dr. Michael Lange P.O. Box Berlin (West) 33

Dr. Eberhardt Winkler
Ministry of Regional Development
and Environmental Affairs of Bavaria
Rosenkavalierplatz 2
Munich 81

Dr. Béla Donáth Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

Dr. Árpád Bakonyi Ministry of Industry Budapest Mártírok útja 85 H-1024

Dr. Endre Kovács Environmental Protection Institute Budapest Aga u. 4 H-1113 Work programme relating to point 1.2 of the work plan

Methods and instruments for measuring and monitoring emissions and immissions; development of atmospheric pollution networks; evaluation and processing of measuring results; classification of air in human settlements, and smog warning plans

- 1. Legal instruments for the reduction of air pollution levels
- 2. Methods for measuring emissions and immissions
- 3. Smog alerts; drafting of smog warning plans (smog alert mechanisms and related air pollutants)

# Participants:

Erich Weber Federal Ministry of the Environment, Nature Conservation and Reactor Safety P.O. Box 12 06 29 Bonn 1

Dr. Dieter Jost P.O. Box Berlin (West) 33

Reiner Strauss Ministry of Regional Development and Environmental Affairs of Bavaria Rosenkavalierplatz 2 Munich 81 Dr. Béla Donáth Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

Róbert Rakics Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

Dr. Magdolna Kertész State Health Institute Budapest Gyáli u. 2/6 H-1097 Work programme relating to point 1.3 of the work plan

Reduction of air pollution from traffic

- 1. Interchange of information on technical means for pollution control on
- Private motor vehicles, in particular by the fitting of regulated three-way catalytic converters
- Commercial vehicles, in particular through the development of environmentally friendly diesel motors
  - 2. Widespread introduction of unleaded gasoline
- 3. Exchange of experience on the compiling of inventories on motor vehicles and emission factors in individual vehicle groups
  - 4. Organization of traffic

### Participants:

Dr. Konrad Berendes
Federal Ministry of the
Environment, Nature Conservation
and Reactor Safety
P.O. Box 12 06 29
Bonn 1

Dr. Klaus Becker P.O. Box Berlin (West) 33 Dr. Gyözö Kiss Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

Dr. Miklós Kovács Traffic Institute Budapest Than Károly u. 3/5 H-1119 Work programme relating to point 2.0 of the work plan

Identification of the causes of forest damage and measures for reducing such damage

- 1. Symptoms of forest damage
- 2. Representative terrestrial survey of forest damage (intensity and spatial distribution of damage)
- 3. Effects of air pollutants ( $SO_2$ ,  $NO_x$ , ozone and photo-oxidants individually and in combination) on vegetation
  - 4. Effects of air pollutants on soil
  - 5. Care of damaged and threatened forestry stocks
  - 6. Fertilization and soil improvement
  - 7. Reafforestation of woodland areas damaged by immissions

# Participants:

Dr. Hartmut Herbsleb Federal Ministry of Food, Agriculture and Forestry P.O. Box 14 02 70 Bonn 1

Dr. Hans-Detlef Gregor P.O. Box Berlin (West) 33

Peter Weidenbach
Ministry of Food, Agriculture
and Forestry of
Baden-Württemberg
Marienstrasse 7
Stuttgart 1

Dr. Mátyás Kovács Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

Ernö Führer Institute of Forestry Science Soproni Állomás Sopron Ifjúság tér 17 H-9400

Csaba Beró Ministry of Agriculture and Food Budapest Kossuth tér 11 H-1055 Work programme relating to point 3.1 of the work plan

Planning, organizational and technical aspects in determining and assessing water conditions and effluent taking account of water use and water conservation as components of ecology management; application of planning instruments; setting up of water quality-control networks; sampling and analysis methods; evaluation, processing and presentation of measuring results

- 1. Aims and legal basis of water management planning, including practical application, and assessment of water use demands taking account of water conservation as a component of ecology management
- 2. Experience and problems in the use of sampling and analysis procedures, particularly in the case of heavy metals and organic microcontaminants
- 3. Establishment and maintenance of water pollution networks for monitoring the properties of surface water and groundwater
  - 4. Basic guidelines for assessing water conditions (classification)

### Participants:

Dr. Ludwig Dinkloh Federal Ministry of the Environment, Nature Conservation and Reactor Safety P.O. Box 12 06 29 Bonn 1

Dr. Horst Mierheim P.O. Box Berlin (West) 33

Klaus Müller Building Authority Ministry of Internal Affairs of Bavaria Karl-Scharnagl-Ring 60 Munich 22 Emil Katona Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

Ferenc Dolánszky Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

Dr. Béla Hock Scientific Research Centre for Water Management Budapest Kvassay u. 1 H-1095 Work programme relating to point 3.2 of the work plan

Technical means for preventing or reducing water pollution from effluent and through surface seepage, and regulations for the imposition and monitoring of standards

- 1. Legal basis for the imposition of sewage discharge standards and for monitoring compliance
- 2. Experience in the treatment of domestic sewage, particularly with regard to chemical and biological phosphorus removal, and nitrification and denitrification
- 3. Prevention and reduction of water pollution by hazardous substances (heavy metals, organic halogen compounds) from specific branches of industry

# Participants:

Dietrich Ruchay
Federal Ministry of the
Environment, Nature Conservation
and Reactor Safety
P.O. Box 12 06 29
Bonn 1

Carsten Ross P.O. Box Berlin (West) 33

Victor Schweizer Ministry of the Environment of Baden-Württemberg P.O. Box 6 05 Stuttgart 1 Emil Katona
Ministry of the Environment
and Water Management
Budapest
Fö utca 44/50
H-1011

Sándor Jobbágy Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

László Balázs Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011 Work programme relating to point 4.0 of the work plan

Avoidance, recycling and safe disposal of wastes, and reclamation of old waste sites

- 1. Interchange of information on the situation with regard to waste disposal
- Planning
- Legal basis
- Execution
- Pollutant-related problems, including methods to overcome them
- 2. Facilities for the incineration of special wastes, small-scale incineration plants for business enterprises, special incineration plants, operating conditions, pyrolysis of special wastes, disposal of hospital wastes (particularly with regard to the AIDS risk)
  - 3. Opportunities for cooperation in waste management

# Participants:

Bert-Axel Szelinski Federal Ministry of the Environment, Nature Conservation and Reactor Safety P.O. Box 12 06 29 Bonn 1

Lothar Barniske P.O. Box Berlin (West) 33

Klaus Eggerking Ministry of the Environment of Lower Saxony Archivstrasse 2 Hannover 1 Attila Takáts Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

Róbert Reiniger Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

Dénes Olessák Environmental Protection Institute Budapest Aga u. 4 H-1113 Work programme relating to point 5.1 of the work plan

General aspects of nature conservation and landscape protection

- Organization
- Nature conservation situation
- Nature conservation strategies
- Nature conservation law
- Protected area systems
- Promotional measures
- Recreational functions

### Participants:

Horst Obermann
Federal Ministry of the
Environment, Nature Conservation
and Reactor Safety
P.O. Box 12 06 29
Bonn 1

Dr. Walter Mrass
Federal Research Institute for
Nature Conservation and
Landscape Ecology
Konstantinstrasse 110
Bonn 2

Thomas Neiss Ministry of the Environment, Area Planning and Agriculture of North Rhine-Westphalia P.O. Box 30 06 52 Düsseldorf 30 István Keszthelyi Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

Dr. Sándor Szabó Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

Dr. Károly Tóth Kiskunsági Nemzeti Park Kecskemét Pf. 186 H-6001 Work programme relating to point 5.2 of the work plan

Protection of animal and plant species

- 1. Interchange of information on the situation and developments with regard to endangered species
- Species at risk
- Biotopes at risk
- Progress to date
- Prospects for further developments
  - 2. Strategies and plans for the protection of species and for biotope protection
- Status of scientific opinion
- Legal instruments
- Administrative action
- Research
  - 3. Opportunities for cooperation

### Participants:

Dr. Fritz Dieterich
Federal Ministry of the
Environment, Nature Conservation
and Reactor Safety
P.O. Box 12 06 29
Bonn 1

Dr. Knut Harrmann
Federal Research Institute for
Nature Conservation and
Landscape Ecology
Konstantinstrasse 110
Bonn 2

Prof. Dr. Peter Berthold Max-Planck-Institut Radolfzell László Haraszthy Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011

István Csapody
Office for Environmental
Protection and Water
Management of the North
Transdanubian Region
Györ
Arpád utca 28-32
H-9021

Gábor Nechay Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011 Work programme relating to point 6.0 of the work plan

General environmental policy and law, economic aspects of environmental policy, and promotion of environmental awareness

### Work area 6.1

General environmental policy

- 1. Principles of environmental policy
- 2. Cooperation between authorities and institutions
- 3. The role of civic groups, associations and societies
- 4. The role of the media
- 5. Environmental protection database and methodology for analysing environmental conditions

### Work area 6.4

Economic aspects of environmental policy; product quality certificates; inclusion of environmental protection factors in merchandise testing

- 1. Cost-benefit analysis
- Basis for determining and assessing costs of environmental protection/non-implementation of environmental protection and benefits of investment in and measures for environmental protection
- Cases of practical application
  - 2. System for financing investments in environmental protection
- Exchange of experience on investment in environmental protection and promotion of funding
- Funding incentives
  - 3. Examination of economic regulations
- Practical application of economic instruments
- Prospects for extending economic instruments in the area of environmental protection

# Participants:

Dr. Rudolf Vieregge
Federal Ministry of the
Environment, Nature Conservation
and Reactor Safety
P.O. Box 12 06 29
Bonn 1

Volker Hoffmann
Federal Ministry of the
Environment, Nature Conservation
and Reactor Safety
P.O. Box 12 06 29
Bonn 1

Dr. István Szirota
Ministry of the Environment
and Water Management
Budapest
Fö utca 44/50
H-1011

Dr. Miklós Bulla Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011 Karl Tietmann P.O. Box Berlin (West) 33

Herbert Köpnick Ministry of Regional Development and Environmental Affairs of Bavaria Rosenkavalierplatz 2 Munich 81 István Szönyi Ministry of the Environment and Water Management Budapest Fö utca 44/50

Fö utca 44/50 H-1011

Péter Ipper Ministry of the Environment and Water Management Budapest Fö utca 44/50 H-1011