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Conformément au règlement (CEE, Euratom) n° 354/83 du Conseil du 1er février 1983 concernant l'ouverture au public des archives historiques de la Communauté économique européenne et de la Communauté européenne de l'énergie atomique (JO L 43 du 15.2.1983, p. 1), tel que modifié par le règlement (CE, Euratom) n° 1700/2003 du 22 septembre 2003 (JO L 243 du 27.9.2003, p. 1), ce dossier est ouvert au public. Le cas échéant, les documents classifiés présents dans ce dossier ont été déclassifiés conformément à l'article 5 dudit règlement.

In accordance with Council Regulation (EEC, Euratom) No 354/83 of 1 February 1983 concerning the opening to the public of the historical archives of the European Economic Community and the European Atomic Energy Community (OJ L 43, 15.2.1983, p. 1), as amended by Regulation (EC, Euratom) No 1700/2003 of 22 September 2003 (OJ L 243, 27.9.2003, p. 1), this file is open to the public. Where necessary, classified documents in this file have been declassified in conformity with Article 5 of the aforementioned regulation.

In Übereinstimmung mit der Verordnung (EWG, Euratom) Nr. 354/83 des Rates vom 1. Februar 1983 über die Freigabe der historischen Archive der Europäischen Wirtschaftsgemeinschaft und der Europäischen Atomgemeinschaft (ABl. L 43 vom 15.2.1983, S. 1), geändert durch die Verordnung (EG, Euratom) Nr. 1700/2003 vom 22. September 2003 (ABl. L 243 vom 27.9.2003, S. 1), ist diese Datei der Öffentlichkeit zugänglich. Soweit erforderlich, wurden die Verschlussachen in dieser Datei in Übereinstimmung mit Artikel 5 der genannten Verordnung freigegeben.

COMMISSION OF THE EUROPEAN COMMUNITIES

COM(83) 540 final

Brussels, 21 September 1983

Proposal for a
COUNCIL DECISION

amending Decision 82/402/EEC adopting a research and development
programme (1982 to 1985) in the raw materials sector

(submitted to the Council by the Commission)



COM(83) 540 final

Proposal for a Council Decision amending a multi-annual research and development programme (1982-1985) for the European Economic Community in the raw materials sector

On 12 November 1979 (1), the Council adopted an R & D programme for the European Economic Community in the field of the recycling of urban and industrial waste (secondary raw materials). This programme, which took effect on 1 November 1979, covers a period of four years and comes to an end on 31 October 1983. The appropriations required for the programme were fixed at 9 million ECU, including the expenditure relating to a staff of 5. A cooperation agreement with the Kingdom of Sweden on the programme on the recycling of urban and industrial waste (2) was concluded on 25 May 1982.

On a proposal from the Commission, the Council, by its Decision of 17 May 1982 (3), linked this programme to the research and development programme (1982-1985) in the raw materials sector.

According to the opinion expressed by the Scientific and Technical Research Committee (CREST) at its meeting of 7 July 1981 on the Commission proposal relating to a multiannual R & D programme for the European Communities in the raw materials sector (4), the programme on the recycling of urban and industrial waste should be continued until October 1983, at which time the need to extend it or possibly to merge it with the subprogramme on the recycling of non-ferrous metals would be examined.

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- (1) OJ No L 293, 20.11.1979, pp. 19-22 (79/968/EEC)
 - (2) OJ No L 174, 21.6.1982, pp. 30-40
 - (3) OJ No L 174, 21.6.1982, pp. 23-29 (82/402/EEC)
 - (4) RECH 54, 9782/81, 8 October 1981

On the basis of the results expected and already obtained, the Commission considers that the programme should be extended to 31 December 1985 so as to be able to follow up the most promising R & D projects, complete the coordination activities in progress and continue cooperation with the Kingdom of Sweden. An amount of about 2 000 000 ECU, taken from the appropriations of 6 500 000 ECU for the subprogramme on the recycling of non-ferrous metals, should be sufficient for continuation of the research and coordination work, with the emphasis on projects of the greatest scientific and economic value.

To this end, the Commission proposes that this programme be merged with subprogramme III on the recycling of non-ferrous metals, without any increase in its appropriations, from 1 November 1983 to 31 December 1985. The ACPM on the recycling of urban and industrial waste should remain active over the same period (4).

The CREST Subcommittee on Raw Materials has delivered a favourable opinion on this proposal.

The Commission requests the Council to adopt the annexed proposal amending Decision 82/402/EEC.

(4) Without prejudice to any modifications to advisory bodies resulting from Council approval of the Commission proposals on structures and procedures for the common policy in the field of science and technology (COM(83)143 final of 16 March 1983).

Proposal for a Council Decision amending Decision 82/402/EEC adopting a research and development programme (1982 to 1985) in the raw materials sector

The COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community, and in particular Article 235 thereof,
Having regard to the proposal from the Commission,
Having regard to the opinion of the European Parliament,

Whereas by Decision 79/968/EEC (1) the Council adopted for a period of four years with effect from 1 November 1979 a research and development programme for the European Economic Community in the field of the recycling of urban and industrial waste (secondary raw materials);

Whereas by Decision 82/402/EEC (2) the Council adopted for a period of four years with effect from 1 January 1982 a research and development programme in the raw materials sector which includes, inter alia, the programme for the recycling of urban and industrial waste already under way and due to end on 31 October 1983, set out in section B of the Annex thereto;

Whereas the programme for the recycling of urban and industrial waste should to be extended to 31 December 1985 in order to complete the research in progress; whereas for this purpose it should be merged with the sub-programme on the recycling of non-ferrous metals forming part of the programme in the raw materials sector;

Whereas the Scientific and Technical Research Committee (CREST) has given its opinion on the Commission proposal,

HAS DECIDED AS FOLLOWS :

Article 1

Decision 82/402/EEC is hereby amended as follows :

1. The following point (d) is added to Article 3:

- "(d) the Advisory Committee on Programme Management "Urban and Industrial Waste Recycling" set up by Decision 79/968/EEC shall remain active from 1 November 1983 to 31 December 1985 for research topics 4 to 7 of the sub-programme "Recycling of non-ferrous metals and urban and industrial waste"."

(1) OJ No L 293, 20.11.1979, pp. 19-22

(2) OJ No L 174, 21.6.1982, pp. 23-29

2. In part A of the Annex, sub-programme III "Recycling of non-ferrous metals" becomes sub-programme III "Recycling of non-ferrous metals and of urban and industrial waste".

3. Section A III of the Annex is replaced by the following:

"III. RECYCLING OF NON-FERROUS METALS AND URBAN AND INDUSTRIAL WASTE

An amount of 6.5 million ECU is allocated to this sub-programme. It covers the following research areas :

	Indirect action	Coordinated action
1. Collection and characterization of non-ferrous metals scraps and waste	-	x
2. Physical processing of non-ferrous metal scrap and waste		
2.1 Mechanical processes		
- Selective grinding and shredding	-	x
- Optimization of these techniques with respect to energy consumption	x	x
2.2 Physical processes		
- Advanced gravimetric processes using magnetic fluids	x	x
- Advanced methods of electronic separation	x	x
- Advanced processes using eddy currents	-	x
- Advanced dry gravimetric processes (fluidized beds)	-	x
- New flotation techniques	-	x
3. Metallurgical processing of non-ferrous scraps and waste		
3.1 Physical separation of charges for pyrometallurgical and hydrometallurgical processes		x
3.2 Hydrometallurgical processes		
3.2.1 Leaching	-	x
3.2.2 Purification of solutions and extraction of non-ferrous metals from solutions	x	x
3.2.3 Direct hydrometallurgical processing of sludges containing non-ferrous metals	x	x

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3.3 High-temperature pyrometallurgical processes		
3.3.1 High-temperature pretreatment to separate metals from non-metallic components		
3.3.2 Fusion processes	-	X
3.3.3 High-temperature processes based on the formation of a gaseous phase	-	X
3.4 Secondary metals refining - molten salt electrolysis	X	X
Technico-economic studies		office studies
As from 1 November 1983		
4. Sorting of household waste		
4.1 Assessment of waste sorting projects	-	X
4.2 Methods for sampling and analysis of household waste	-	X
4.3 Evaluation of health hazards	-	X
4.4 Technology for the sorting of bulk waste	X	X
4.5 Materials recovery		
- Paper	X	X
- Plastics	X	X
- Non-ferrous metals	X	X
4.6 Energy recovery	X	X
4.7 New collection and transport systems	-	X
5. Thermal treatment of waste		
5.1 Firing of waste-derived fuel	(see topic 4.6)	(see topic 4.6)
5.2 Pyrolysis and gasification	X	X
5.3 Recovery of metal and glass from residue	-	X
6. Fermentation and hydrolysis		
6.1 Anaerobic digestion	X	X
6.2 Carbohydrate hydrolysis	X	X
6.3 Composting	-	X
7. Recovery of rubber waste		
7.1 Retreading	-	X
7.2 Size reduction	-	X
7.3 Reclaiming and recycling of rubber powder	-	X
7.4 Pyrolysis	-	X "

4. Section B II of the Annex is deleted.

Article 2

The remaining appropriations for the programme on the recycling of urban and industrial waste shall be allocated to the continuation of work on research topics 4 to 7 of the sub-programme "Recycling of non-ferrous metals and urban and industrial waste."

Done at

For the Council