

No. 20756

MULTILATERAL

Community-COST Concertation Agreement on a concerted action project in the field of teleinformatics (with annexes). Concluded at Brussels on 22 January 1981

Authentic texts: Danish, German, Greek, English, French, Italian and Dutch.

Registered by the European Economic Community on 17 February 1982.

MULTILATÉRAL

Accord de concertation Communauté-COST relatif à une action concertée dans le domaine de la téléinformatique (avec annexes). Conclu à Bruxelles le 22 janvier 1981

Textes authentiques : danois, allemand, grec, anglais, français, italien et néerlandais.

Enregistré par la Communauté économique européenne le 17 février 1982.

COMMUNITY-COST CONCERTATION AGREEMENT ON A CONCERTED ACTION PROJECT IN THE FIELD OF TELEINFORMATICS (COST PROJECT 11 *bis*)

The European Economic Community, hereinafter referred to as "the Community",

Finland and Sweden, hereinafter referred to as the "participating non-member States",

Whereas a research project on a European Informatics Network, carried out pursuant to an Agreement concluded on 23 November 1971 in the framework of European Co-operation in the field of Scientific and Technical Research (COST Project 11), produced very encouraging results;

Whereas a European concerted research project in the above-mentioned field will contribute effectively in particular to

- The study of the specification of the new services which can be offered by the combination of computation and data communication with a view to maximizing their potential for the user;
- The study of the influence of the new technical developments from the point of view of the user of distributed services and networks;
- The promotion of international standardization in developing and testing common solutions;

Whereas by its Decision of 11 September 1979 the Council of the European Communities adopted a four-year programme for the development of data processing in the Community which includes support for the concertation of the research activities of the Member States in the field of network technology;

¹ Came into force on 1 February 1981 in respect of the following States and organization, i.e., the first day of the month following that in which the Community and at least one of the participating non-member States notified the Secretary-General of the Council of the European Communities of the completion of the procedures necessary under their internal provisions for the implementation of the Agreement, in accordance with article 6 (2). The notifications were effected as follows:

<i>State or organization</i>	<i>Date of the notification</i>
European Economic Community	22 January 1981
Sweden	22 January 1981

Subsequently, the Agreement came into force in respect of the following State on the first day of the second month following the month in which the notification of the completion of the necessary procedures was transmitted to the Secretary-General of the Council of the European Communities, in accordance with article 6 (2):

<i>State</i>	<i>Date of the notification</i>
Finland	30 April 1981
(With effect from 1 June 1981.)	

Subsequently, the Agreement came into force in respect of the following States on the date of deposit of the instrument of accession with the Secretary-General of the Council of the European Communities, in accordance with article 6 (3):

<i>State</i>	<i>Date of deposit of the instrument of accession</i>
Yugoslavia	6 July 1981
(With effect from 6 July 1981.)	
Norway	30 July 1981
(With effect from 30 July 1981.)	

Whereas by its Decision of 13 March 1980 the Council of the European Communities adopted a research programme which includes activities in the field of teleinformatics;

Whereas the Member States of the Community, the participating non-member States, hereinafter referred to as "the States", and the Community intend, subject to the rules and procedures applicable to their national programmes, to carry out the research described in Annex A and are prepared to integrate such research into a process of concertation which they consider will be of mutual benefit;

Whereas the implementation of the research covered by the concerted action project will require a financial contribution of some 15 million European units of account from the States and the Community,

Have agreed as follows:

Article 1. The Community and the participating non-member States, hereinafter referred to as "the contracting parties", shall participate for a period extending until 11 September 1983 in a concerted action project in the field of teleinformatics.

The main purpose of the project is to create an environment and a structure for promoting concertation between the Community concerted action programme and the corresponding programmes of the participating non-member States.

The project is described in greater detail in Annex A.

The States remain entirely responsible for the research executed by their national institutions or bodies except research under contract with the Commission of the European Communities, hereinafter referred to as "the Commission".

Article 2. The concertation between the contracting parties shall be effected through a Community-COST Concertation Committee, hereinafter referred to as "the Committee". The Committee shall draw up its rules of procedure; its secretariat will be provided by the Commission. The terms of reference and the composition of this Committee are defined in Annex B.

Article 3. In order to ensure optimum efficiency in the execution of this concerted action project, a technical secretariat headed by a project leader and composed of 3 to 5 technical experts shall be set up. The project leader shall be appointed by the Commission in agreement with the delegates of the participating non-member States on the Committee.

Article 4. The maximum financial contribution by the contracting parties to the co-ordination costs shall be:

- 1,200,000 European units of account from the Community,
- 38,888 European units of account from each participating non-member State for the period referred to in the first paragraph of Article 1. In addition, each participating non-member State shall pay an amount calculated by applying to a basic amount of 850,000 European units of account, representing a part of the Community contribution, the ratio between the gross domestic product of each participating non-member State for 1976 and the gross domestic product of the Community for 1976.

The European unit of account is as defined by the Financial Regulation in force applicable to the general budget of the European Communities and by the financial arrangements adopted pursuant thereto.

The rules governing the financing of the Agreement are set out in Annex C.

Article 5. 1. Through the Committee, the States and the Community shall exchange regularly all useful information concerning the execution of the research covered by the concerted action project. They shall also endeavour to provide information on similar research planned or carried out by other bodies. Any information shall be treated as confidential if the State which provides it so requests.

2. In agreement with the Committee the Commission shall prepare yearly progress reports on the basis of the information supplied and shall forward them to the States.

3. At the end of the concertation period, the Commission shall, in agreement with the Committee, forward to the States a general report on the execution and results of the project. This report shall be published by the Commission six months after it has been forwarded, unless a State objects. In that case the report shall be confidential and shall be forwarded, on request and with the agreement of the Committee, solely to the institutions and undertakings whose research or production activities justify access to knowledge resulting from the performance of the research covered by the concerted action project.

Article 6. 1. Each of the contracting parties shall, after signing this Agreement, notify the Secretary-General of the Council of the European Communities as soon as possible of the completion of the procedures necessary under its internal provisions for the implementation of this Agreement.

2. For the contracting parties which have transmitted the notification provided for in paragraph 1, this Agreement shall enter into force on the first day of the month following that in which the Community and at least one of the participating non-member States transmitted these notifications.

For those contracting parties which transmit the notification after the entry into force of this Agreement, it shall come into force on the first day of the second month following the month in which the notification was transmitted.

Contracting parties which have not yet transmitted this notification at the time of entry into force of this Agreement shall be able to take part in the work of the Committee without voting rights for a period of six months following the entry into force of this Agreement.

3. For a period of six months following its entry into force, the Agreement shall be open for accession by the other European States which took part in the Ministerial Conference held in Brussels on 22 and 23 November 1971. The instruments of accession shall be deposited with the General Secretariat of the Council of the European Communities. A State which accedes to this Agreement shall become a contracting party within the meaning of Article 1 on the date of deposit of the instrument of accession.

4. The Secretary-General of the Council of the European Communities shall notify each of the contracting parties of the deposit of the notifications provided for in paragraph 1, of the date of entry into force of this Agreement and of the deposit of the instruments of accession provided for in paragraph 3.

Article 7. This Agreement, drawn up in a single original in the Danish, Dutch, English, French, German, Greek and Italian languages, each text being equally authentic, shall be deposited in the archives of the General Secretariat of the Council of the European Communities, which shall transmit a certified copy to each of the contracting parties.

UDFÆRDIGET i Bruxelles, den toogtyvende januar nitten hundrede og enogfirs.

GESCHEHEN zu Brüssel am zweiundzwanzigsten Januar neunzehnhundert-einundachtzig.

ΈΓΙΝΕ ΣΤΙΣ ΒΡΥΞΕΛΛΕΣ, ΣΤΙΣ ΕΙΚΟΣΙΔΥΟ ΙΑΝΟΥΑΡΙΟΥ ΧΙΛΙΑ
ΕΝΝΕΑΚΟΣΙΑ ΟΓΔΟΝΤΑ ΈΝΑ.

DONE at Brussels on the twenty-second day of January in the year one thousand nine hundred and eighty-one.

FAIT à Bruxelles, les vingt-deux janvier mil neuf cent quatre-vingt-un.

FATTO a Bruxelles, addì vendidue gennaio millenovecentottantuno.

GEDAAN te Brussel, de tweeëntwintigste januari negentienhonderd eenen-tachtig.

For Det europæiske økonomiske Fællesskab:

Für die Europäische Wirtschaftsgemeinschaft:

ΓΙΑ ΤΗΝ ΕΥΡΩΠΑΪΚΗ ΟΙΚΟΝΟΜΙΚΗ ΚΟΙΝΟΤΗΤΑ;

For the European Economic Community:

Pour la Communauté économique européenne :

Per la Comunità Economica Europea :

Voor de Europese Economische Gemeenschap :

[H. J. CH. RUTTEN]

[DIETRICH HAMMER]

For the Government of the Republic of Finland:

[Pour le Gouvernement de la République de Finlande :]

[AKE WIHTOL]

For the Government of Sweden:

[Pour le Gouvernement de la Suède :]

[KARL-VILHELM WÖHLER]

ANNEX A

PURPOSE OF THE PROJECT

The main purpose of the project is to create an environment and a structure in order

- To promote collaboration, the exchange of results and the pooling of resources between research teams working in the teleinformatics field;
- To facilitate the exchange of ideas, the identification of problems and the definition of common strategies where this seems desirable and to make recommendations to the relevant authorities in participating countries;
- To promote standardization in developing and testing solutions to problems of a transnational character in contact with the official standardization bodies;
- To transfer the results of the research activities to European industry, users, standardization bodies and other interest parties;
- To assist industry or other outside organizations in testing some of their ideas.

In order to assist in achieving these objectives, the following actions in particular should be pursued:

- Promoting pilot projects;
- Promoting the development of tools which could also serve as models for collaborative work in other areas.

The project shall finance activities necessary to reach its objectives, such as:

- Exchange of researchers;
- Sponsoring work of common interest carried out under contractual arrangements with industry, research institutes, consultants, etc.

The project should whenever possible use EURONET and other data transmission networks provided by the authorized telecommunications agencies. This will facilitate the linking up of a very large number of teams interested in these developments.

A description of a few activities which can be undertaken immediately is given below.

1. *Computer Message System*

The purpose of this activity will be in part to assess the impact of distributed processing on computer message systems (that is, mailbox and teleconferencing systems), and in part to act as a tool to support the general work of the project.

It will be based on results which are expected to be available by the end of 1980, namely the specification of separate centralized systems that will already have been implemented and used for some months. A specification should be developed for a decentralized system, amongst other objectives, to reduce the extent to which messages need to be transmitted between centres. The user, however, should be able to operate the system in the same way whether his correspondents are local or remote.

This improved specification should then be subjected to practical tests, and the Committee should determine how the work is to continue.

2. *Testing of Protocols*

The purpose of this activity is to test protocols on such matters as transport stations, virtual terminals, etc., that have been implemented by project participants. It will be based on results which are expected to be available by the end of 1980 on the testing of implementations of X 25 interfaces. The Committee should determine, at the start of the project, what protocols the participants have implemented, or are intending to implement, and what are their requirements for testing them

3. *Interconnection of local networks*

The purpose of this project will be, within the framework of the ISO architectural model for open systems, and taking account of CCITT specifications, to study the design of local networks and especially the means for interconnecting them via the new public data networks.

The work will start with a survey of the methods that have been implemented, or can be envisaged, to connect local networks that exist already or are otherwise well defined. This survey should be completed within six months, and the work could if desired be entrusted to a specialized firm.

Based on the results of this survey, protocols will be proposed for future local networks which simplify and harmonize their architecture, and improve the level of service to users.

A classified list of possible further topics is given below.

This list of topics will be revised from time to time as the project is progressing, taking into account the technological evolution and the capacity of the research teams involved.

- (1) *Distributed applications; distributed computing*
 - .11 Distributed data bases
 - .12 High level protocols and HLP based on X 25:
 - .121 Network job control; network operating system
 - .1211 File handling services
 - .1212 Terminal handling services
 - .122 Theory of protocols
- (2) *User-level applications*
 - .21 Applications in everyday life
 - .22 Office-orientated applications
 - .221 Computer message services; (distributed) mailbox; (distributed) teleconferencing
 - .222 Text processing or editing
- (3) *Popularization*
 - .31 User-friendly interfaces
 - .32 Simple end-to-end protocol
 - .33 Protocols for easy internetwork connections; local networks
 - .34 Directory and information services
- (4) *Technical aspects*
 - .41 Universal X 25 interface
 - .42 Security systems for data in transit and in data bases
 - .43 Add-on services, e.g., message store-and-forward, message broadcast, virtual terminal
 - .44 Unconventional interfaces
 - .45 Use of microcomputers in interfacing and networking
 - .46 Transborder traffic flow, third party traffic switching
 - .47 Network implementation language; design of networks

(5) *Generic aspects*

- .51 Simulation and modelling for reliability and availability analysis
- .52 Testing of services; protocol monitoring and measurement
- .53 Evaluation and dissemination of project experience and results.

ANNEX B

TERMS OF REFERENCE AND COMPOSITION OF THE COMMUNITY-COST CONCERTATION COMMITTEE ON TELEINFORMATICS

1. The Committee shall:

- 1.1. Contribute to the optimum execution of the concerted action project giving its opinion on all its aspects, including in particular:
 - Promoting and co-ordinating activities at national level within the concerted actions;
 - Defining subjects of particular importance or of common interest;
 - Allocating financial support from the co-ordination fund;
 - Selecting contractors for specific tasks;
 - Appointing the technical secretariat and determining its location;
 - Giving guidance to the project leader.
- 1.2 Evaluate the results of the project and draw conclusions as to their application.
- 1.3 Be responsible for the exchange of information referred to in Article 5 (1) of the Agreement.

2. The Committee's reports and opinions shall be forwarded to the States.

3. The Committee shall be composed of two delegates from the Commission representing the Community programmes, one delegate from each participating non-member State, one delegate from each Member State representing its national programme, and the project leader. Each delegate may be accompanied by experts.

The Committee may invite representatives of users, of CEPT and of European bodies supporting standardization activities, to give their views.

ANNEX C

FINANCING RULES

Article 1. These provisions lay down the financing rules referred to in Article 4 of the Agreement.

Article 2. At the beginning of each financial year, the Commission shall send to each of the participating non-member States a call for funds corresponding to its share of the annual coordination costs under the Agreement, calculated in proportion to the maximum amounts laid down in Article 4 of the Agreement.

This contribution shall be expressed both in European units of account and in the currency of the State concerned, the value of the European unit of account being defined in the Financial Regulation applicable to the general budget of the European Communities and determined on the date of the call for funds.

The total contributions shall cover the travel and subsistence costs of the delegates to the Committee, in addition to the co-ordination costs proper.

Each participating non-member State shall pay its annual contribution to the co-ordination costs under the Agreement at the beginning of each year, and by 31 March at the latest. Any delay in the payment of the annual contribution shall give rise to the payment of interest by the participating non-member State concerned at a rate equal to the highest discount rate obtaining in the States on the due date. The rate shall be increased by 0.25 of a percentage point for each month of delay. The increased rate shall be applied to the entire period of delay.

Article 3. The funds paid by participating non-member States shall be credited to the concerted action project as budget receipts allocated to a heading in the statement of revenue of the budget of the Commission.

Article 4. The provisional schedule for the co-ordination costs referred to in Article 4 of the Agreement is annexed.

Article 5. The Financial Regulation in force applicable to the general budget of the European Communities shall apply to the management of the appropriations.

Article 6. At the end of each financial year, a statement of appropriations for the concerted action project shall be prepared and transmitted to the participating non-member States for information.

PROVISIONAL SCHEDULE FOR THE CONCERTED ACTION PROJECT

Teleinformatics (COST Project 11 bis)

Budget Item 3702: Implementation of Community projects for the development of data processing

(in EUA)

	1980		1981		1982		1983		Total	
	AC	AP	AC	AP	AC	AP	AC	AP	AC	AP
I. Initial estimate of overall requirements:										
— Administrative operating expenditure and contracts	200,000	200,000	400,000	400,000	400,000	400,000	200,000	200,000	1,200,000	1,200,000
TOTAL (to be covered by item 3702)	200,000	200,000	400,000	400,000	400,000	400,000	200,000	200,000	1,200,000	1,200,000
II. Revised estimate of expenditure taking into account additional requirements arising from the accession of participating non-member States:										
— Administrative operating expenditure and contracts	200,000	200,000	400,000	400,000	400,000	400,000	200,000	200,000	1,200,000	1,200,000
— Supplementary contracts	10,000	10,000	50,000	50,000	50,000	50,000	30,000	30,000	140,000	140,000
NEW TOTAL	210,000	210,000	450,000	450,000	450,000	450,000	230,000	230,000	1,340,000	1,340,000
III. Difference between I and II to be covered by contributions from participating non-member States	10,000	10,000	50,000	50,000	50,000	50,000	30,000	30,000	140,000	140,000

AC: Account credited.

AP: Account paid.