



## NEWSLETTER

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JULY 1983

22

from the Department for Scientific and Technical Communication

## Opportunities for European Community support for research and development

### 1. Objectives

The Commission of the European Communities is launching the experimental phase of a stimulation action designed to improve the efficacy of European Research and Development.

The two year experimental phase of this action is intended to test the various methods by which it is to be carried out and which will need to be innovative by comparison with the range of community approaches which have been used for several years in Community scientific and technical programmes.

### 2. Areas of activity

The primary intention is to support activities

- for which the bringing together of research teams is beneficial or indispensable, either on a mono-disciplinary or interdisciplinary basis.
- which would encourage the promotion of high quality teams which do not yet benefit from the support which would seem to be justified by their own worth and the potential value of their work, because of its novel nature.
- which would lead to a strengthening of the communication and dissemination of information within the scientific and technical system.

Seven areas of activity have been selected initially for the experimental phase:

- Pharmacobiology
  - Solid state physics
  - Optics
  - Combustion
  - Photometry/photoacoustics
  - Interface phenomena
  - Climatology
- If proposals are put forward which seem even more appropriate from the point of view of their exem-

plary qualities, or which have even greater potential scientific or technical value the Commission may take them into account.

### 3. Methods to be tested

- Research grants
- Increasing mobility of researchers
- Twinning of laboratories in different countries
- Developing multidisciplinary, multinational projects

### 4. Opportunities for Community financial support

The Commission would welcome proposals for research projects meeting the criteria given in sections 2 and 3 and setting out the costs envisaged. These proposals will be assessed by a "peer review" system, overseen by the Committee for the European Development of Science and Technology (CODEST) whose responsibility it will be to make recommendations to the Commission. The level of Commission support will vary depending on the intervention method, and the number of proposals selected in each area.

### 5. Procedure

Those wishing to learn more about the experimental phase of the Stimulation action, or who wish to submit a proposal, are invited to request copies of the background information package, application forms as soon as possible from:

The Directorate General for Science, Research & Development  
(Directorate A)  
"Stimulation action"  
Commission of the European Communities  
Rue de la Loi, 200  
B - 1049 BRUSSELS  
Belgium

The latest date upon which proposals can be considered with a view to a decision and contract this year is 10 September 1983.

## Selected recent publications

### 1. Fruit flies of economic importance

This publication relates the results of an international symposium devoted to fruit flies pests. The economic damage caused by these harmful insects is the cause of considerable concern in many areas of the world.

The work of the meeting, which was divided into sessions, was concerned with six main topics involving, in particular, aspects of behaviour and genetics, relationships between insects and host-plants, pest management, and methods of biotechnical and integrated control.

EUR 8364 EN ISBN 90 6191 503 1  
pp.: xii + 642  
price: Hfl. 105  
Order from: A.A. BALKEMA, P.O. Box 1675, 3000 BR ROTTERDAM (NL)

### 2. Photochemical, Photoelectrochemical and Photobiological Processes - Series D, Volume 2

The present volume includes presentations of all the Commission's contractors in the field of photochemistry, photoelectrochemistry and photobiology. The report also includes reviews of the various sectors which have been worked out in separate meetings.

The book provides an excellent overview of the present status of research in this field as most of the best European groups being active in this area are contractors of the Commission and participate in this programme.

EUR 8474 EN ISBN 90 277 1614 5  
pp.: x + 294  
price: Hfl. 105  
Order from: D. REIDEL Publishing Company, P.O. Box 17, 3300 AA DORDRECHT (NL)

### 3. Solar Thermal Energy in Europe - Series A, Volume 3

The purpose of this Assessment Study is to provide a context for the whole range of R & D activities in the field of solar heating and cooling being carried out in Europe. It not only allows the individual research worker to see how his work fits into the whole, but it also provides decision-makers with well-founded arguments to concentrate R & D efforts on those problems which, once solved, will enhance the introduction of solar technologies in the building industry and/or improve the application potential for solar heating and cooling.

EUR 8473 EN ISBN 90 277 1592 0  
pp.: xiv + 273  
price: Hfl. 90  
Order from: D. REIDEL Publishing Company, P.O. Box 17, 3300 AA DORDRECHT (NL)

### 4. Wind Energy - Series G, Volume 1

With the present volume, the Commission of the European Communities starts a publication of a new series on research and development in the field of wind energy. The Commission has had a programme in this field since 1981 and more than 30 contracts have been concluded by the Commission since then with various industries, universities and research institutions in Europe. This book gives a report of the present status of the work performed by the contractors who met in Brussels in November 1982.

EUR 8475 EN ISBN 90 277 1603 X  
pp.: x + 220  
price: Hfl. 75  
Order from: D. REIDEL Publishing Company, P.O. Box 17, 3300 AA DORDRECHT (NL)

### 5. Plants as Solar Collectors - Series E, Volume 4

The book gives an excellent overview of the productivity problem and some suggestions on ways and means to approach it. An analysis is given of the fundamental mechanisms of light trapping and CO<sub>2</sub> absorption in the plant's leaf and as a result the basic limitations of productivity in a plant. Water, temperature, nutrient and other stresses for the plant's development are reviewed and the limits to productivity analysed in detail. The book ends with recommendations for future work on how to improve the plant's productivity by means of a comprehensive breeding programme.

EUR 8575 EN ISBN 90 277 1625 0  
pp.: xxii + 210  
price: Hfl. 75  
Order from: D. REIDEL Publishing Company, P.O. Box 17, 3300 AA DORDRECHT (NL)

### 6. Programming for Software Sharing

Software represents an ever-increasing proportion of the cost of computing and these costs tend to nullify all the economic advantages flowing from the wider availability of cheap hardware.

It was these considerations which led in 1979 to the organization of two-week course on "Programming for Software Sharing" at the European Community Joint Research Centre, Ispra Establishment (Italy).

The present volume is however not the proceedings of this course held some years ago. It is a monograph inspired by that activity. Some contributions are indeed updated versions of material presented during the course, but others are recent papers prepared for the book.

EUR 8516 EN ISBN 90 277 1591 2  
pp.: x + 283  
price: Hfl. 90  
Order from: D. REIDEL Publishing Company, P.O. Box 17, 3300 AA DORDRECHT (NL)

### 7. Environmental Impact of Future Coal Production and Use in the EEC

The purpose of this study is:

- to assess according to energy consuming sectors the expected increased level of coal consumptions in the EEC over the 1980-2000 period;
- to estimate to what extent this demand is likely to be met by indigenous coal production;
- to determine the level of polluting emissions and other physical environmental impacts that are likely to be associated with these levels of changed coal production and consumption on a local, regional, national and global basis according to the appropriate context of their evaluation;
- where existing or developing coal use and conversion technologies offer alternative means of utilizing coal, to compare the impacts of coal use via these technologies with more traditional and/or direct consumption methods.

EUR 8261 EN ISBN 0 86010 446 X  
pp.: 158  
price: £ 16  
Order form: GRAHAM & TROTMAN, Sterling House, 66  
Wilton Road, LONDON SW1V 1DE (UK)

### 8. Acid Deposition

This volume contains the proceedings of a workshop on "Acid Deposition" held on September 9, 1982 at the Reichstag in Berlin.

The workshop programme consisted of the presentation and discussion of five invited review papers covering different areas of the acid deposition problem and of ongoing work on topics which are relevant to acid deposition.

EUR 8307 EN ISBN 90 277 1588 2  
pp.: x + 235  
price: Hfl. 75  
Order form: D. REIDEL Publishing Company, P.O. Box  
17, 3300 AA DORDRECHT (NL)

### 9. Agriculture - C.E.C. Programme on Integrated and Biological Control

This report summarizes the results of the work carried out by contractors from 1979 to 1981, which in the opinion of the Commission merits publication in a context which permits an evaluation of its role and its efforts in this field, as well as of the value and importance of the aims to be reached.

EUR 8273 EN  
pp.: v + 344  
price: Microfiche BFr. 480,—/Blow-up copy BFr. 1740,—  
Order form: Office for Official Publications of the European Communities, L-2985 LUXEMBOURG

### 10. New Office Technology - Human and Organizational Aspects

The Inter-institutional, iNtegrated Services Information System, known by its abbreviation, INSIS, is a programme consisting of a strategic action plan within which co-ordinated projects are being initiated to introduce advanced office technology and communications services into public institutions and representative bodies from the EEC and its Member States.

INSIS has specific objectives for stimulating the implementation of advanced information systems within the EEC and the growth of European information technology and information industries.

EUR 8289 EN ISBN 0 86187 282 7  
pp.: 243  
price: £ 15  
Order form: FRANCES PINTER Ltd, 5 Dryden Street,  
LONDON WC2E 9NW (UK)

### 11. Regional Industrial Information Transfer

A first symposium of industrial information transfer agencies led to the adoption of a resolution aimed at the setting up of a European network for the exchange of information and experience.

The main objectives of this association are the following:

— to establish a continuous exchange of experience on the methodology of industrial information transfer, particularly by means of informal contacts bet-

ween members, of symposia and seminars, etc.; the creation of a professional journal will be considered; — to take all necessary practical measures to enable members to contact each other easily, notably with the aim of securing access to information which they cannot obtain from their usual sources; among possible practical measures, the compilation of a directory showing the particular fields of expertise of each member is envisaged.

EUR 8252 EN ISBN 0 86187 324 6  
pp.: xii + 228  
price: £ 16  
Order form: FRANCES PINTER Ltd, 5 Dryden Street,  
LONDON WC2E 9NW (UK)

## CONFERENCES AND SYMPOSIA

1983

1. 3rd Symposium on analysis of micropollutants in water  
19-21 September 1983, OSLO (N)  
Mr G. ANGELETTI  
DG. XII/G1  
Commission of the European Communities  
200, rue de la Loi  
B-1049 BRUXELLES  
Tel. 235 84 32
2. Symposium on acid deposition  
19-21 September 1983, KARLSRUHE (D)  
Mr G. ANGELETTI  
DG. XII/G1  
Commission of the European Communities  
200, rue de la Loi  
B-1049 BRUXELLES  
Tel. 235 84 32
3. 3rd International Symposium on processing and use of sewage sludge  
27-29 September 1983, BRIGHTON (UK)  
Mr P. L'HERMITE  
DG XII/G1  
Commission of the European Communities  
200, rue de la Loi  
B-1049 BRUXELLES  
Tel. 235 51 63
4. Testing, evaluation and shallow land burials of low and medium radioactive waste forms  
28-29 September 1983, GEEL (B)  
Mr W. KRISCHER  
DG XII/D1  
Commission of the European Communities  
200, rue de la Loi  
B-1049 BRUXELLES  
Tel. 235 66 21
5. Conférence sur la Télé-informatique (Actions COST 11 bis)  
3-6 October 1983, VARESE (I)  
Mr KALIN  
DG III  
Joint Research Centre ISPRA  
I - VARESE
6. 5th Photovoltaic solar energy conference  
17-22 October 1983, ATHENS (GR)  
Mr D. NICOLAY  
DG XIII/A2  
Commission of the European Communities  
Jean Monnet Building  
PO Box 1907  
L-2920 LUXEMBOURG  
Tel. 43012946

7. Symposium health service market in Europe  
17-19 October 1983, LUXEMBOURG  
Mr R. RAPPARINI  
DG XIII/A2  
Commission of the European Communities  
Jean Monnet Building  
PO Box 1907  
L-2920 LUXEMBOURG  
Tel. 43012780
8. Journée d'information charbon -  
'Creusement des galeries'  
9-10 November 1983, LUXEMBOURG  
Mr P.P. ROTONDO  
DG XIII  
Commission of the European Communities  
Jean Monnet Building  
PO Box 1907  
L-2920 LUXEMBOURG  
Tel. 43013166
9. International seminar on energy saving in buildings  
14-16 November 1983, THE HAGUE (NL)  
Mr H. EHRINGER  
DG. XII/E3  
Commission of the European Communities  
200, rue de la Loi  
B-1049 BRUXELLES  
Tel. 235 3632/5840
10. Thermal processing and quality of foods  
14-18 November 1983, ATHENS (GR)  
Mr G. Vos  
DG. III/A2  
Commission of the European Communities  
200, rue de la Loi  
B-1040 BRUXELLES  
Tel. 235 17 77
11. 4th European Symposium on the financing of  
innovation — 'Venture Capital Markets for the  
Regeneration of Industry'  
23-25 November 1983, LUXEMBOURG  
Mr J.M. GIBB  
DG XIII/A2  
Commission of the European Communities  
Jean Monnet Building  
PO Box 1907  
L-2920 LUXEMBOURG  
Tel. 43012918
12. 3rd International seminar on the results of  
EC Geothermal energy research —  
'European geothermal update'  
29 November - 1 December 1983, MUENCHEN (D)  
Mr G GERINI  
DG XVII/E2  
Commission of the European Communities  
200, rue de la Loi  
B-1049 BRUXELLES  
Tel. 235 12 16/235 35 48
- 1984
13. 1st EC Conference on solar heating  
30 April - 4 May 1984, AMSTERDAM (NL)  
Mr W. Palz  
DG XII/E2  
Commission of the European Communities  
200, rue de la Loi  
B-1049 BRUXELLES  
Tel. 235 69 22/235 71 24
14. Seminar anaerobic digestion and  
carbohydrate hydrolisis of waste  
8-11 May 1984, LUXEMBOURG  
Mr G. FERRERO  
DG XII/G2  
Commission of the European Communities  
200, rue de la Loi  
B-1049 BRUXELLES  
Tel. 235 79 72/235 79 79
15. Decommissioning of nuclear power plants —  
Conférence sur le démantèlement des centrales nu-  
cléaires  
22-24 May 1984, LUXEMBOURG  
Mr K. SCHALLER  
DG. XII/D1  
Commission of the European Communities  
200, rue de la Loi  
B-1049 BRUXELLES  
Tel. 235 83 21
16. 1st European symposium on fires in buildings  
19-20 September 1984, LUXEMBOURG  
Mr R. MOURAREAU  
DG. III/C3  
Commission of the European Communities  
200, rue de la Loi  
B-1049 BRUXELLES  
Tel. 235 39 43  
and  
Mr J.Ph. HAYEZ, co-organizing  
European Associat. of Professional  
Fire Brigade Officers - Fire Sce  
11, avenue de l'Héliport  
B-1000 BRUXELLES  
Tel. 219 60 31
17. 3rd EC Conference on energy from biomass  
8-12 October 1984, VENICE (I)  
Mr G. GRASSI  
DG. XII/E1  
Commission of the European Communities  
200, rue de la Loi  
B-1049 BRUXELLES  
Tel. 235 68 01

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