



RTD INFO

News Roundup on EC Research and Technological Development Programmes

Fourth Framework Programme first calls for proposals

Initial results show heavy industrial participation

A high level of participation, a greater industrial presence, an increase in the average number of partners per project, and more pluridisciplinary: these are, in short, the results of the first evaluations carried out in the specific programmes of the Fourth Framework Programme (4FP) for RTD (1994-1998).

Most of the 19 specific programmes under 4FP closed their first calls for proposals on 15 March of this year. After the scientific and technical evaluation of the proposals, carried out by independent experts, and the agreement of the programme committees, the Commission adopted the first projects launched under 4FP (see table).

• a marked preference for shared-cost projects.

MORE INTERNATIONAL, MORE SMES

The evaluations of the first projects adopted show a wider international dimension, with a high level of participation from organisations in non-member states of the European Union. And a large number of proposals have been received from SMEs (Small and Medium-sized Enterprises) for "exploratory awards" and "cooperative research"; many more are expected over the coming months.

Finally, many projects will have an important contribution to make to the work of the task forces recently set up by the Commission (see *RTD Info* No. 9). ■

From the first calls for proposals, a certain number of trends have appeared which can be seen as being common to all the specific programmes:

- a response which far outweighs the funding available (on average only one project in five can be accepted);
- a strong cooperative dimension (an average of more than 6 participants per project);
- an increase in the number of industrial partners (up to 60% for the Industrial and Materials Technologies programme);

FOURTH FRAMEWORK PROGRAMME (1994 - 1998)

Projects adopted by the Commission
(at 15 October 1995)

Information Technologies (ESPRIT)	*
Telematics	335
Advanced Communications Technologies and Services (ACTS)	119
Industrial and Materials Technologies (Brite-EuRam III)	209
Standards, Measurements and Testing	51
Environment and Climate	179
Marine Science and Technology (MAST III)	46
Biotechnology	62
Biomedicine and Health (BIOMED 2)	308
Agriculture and Fisheries (FAIR)	89
Non-nuclear Energy (Joule-Thermie)	
RTD	181
Demonstration	401
Nuclear Fission Safety	109
Transport	111
Targeted Socio-economic Research	*
International Cooperation	80
Dissemination and Exploitation of Results (INNOVATION)	100
Training and Mobility of Researchers	
Access to Large-scale Facilities	84
Euroconferences, Summerschools and Practical Training Courses	53
Total	2517

International cooperation and RTD

Community policy set out in new position paper

On 18 October the Commission adopted a communication to the Council and to the Parliament on international cooperation in research and technological development (RTD). This document, entitled "Responses to the changes and challenges" describes the direction Community RTD policy will take in the area of international

cooperation over the coming years. The major changes which have taken place on the international scene in the past few years, and the need to set up world-wide cooperation in certain scientific and technological fields, are two of the main reasons why this document has been produced.

(continued on page 2)

* Evaluation in progress

International cooperation

(continued from page 1)

A beneficial balance between cooperation and competition

In international cooperation, Community RTD policy must, according to the document "establish a beneficial balance between cooperation and competition".

To achieve this, five aims have been defined:

- develop European competitiveness and technologies of the future;
- reinforce cohesion in an enlarged European area;
- share responsibilities and carry out research on global challenges;
- promote RTD and sustainable development for developing countries;
- contribute to the exchange of information and to "mega-projects".

The Commission has proposed the following five actions:

- use funding from European Union (EU) external policy budgets to stimulate RTD cooperation with third countries and notably enable organizations from these countries to participate in the Fourth Framework Programme;
- include RTD as a priority in Mediterranean initiatives;
- promote the access of countries from central and eastern Europe to Community RTD programmes, in the light of their eventual membership of the EU;
- reinforce the dialogue between research and industry;
- encourage EU delegations in third countries to follow more closely scientific and technological developments in those countries.

INCO: a specific programme for international cooperation

The promotion of international cooperation in RTD is one of the objectives of the Fourth Framework Programme (4FP) (1994-1998). There is a specific programme under 4FP (INCO - Cooperation with Third countries and International Organizations) with a budget of 540 MECU (million Ecu), whose aim is to extend scientific and technological cooperation beyond the geographical frontiers of the 15 member states. ■

*The full text of the document can be obtained from B. Rhode, DG XII.
Fax + 32 2 2963308*

RESULTS OF THE "RTD INFO" QUESTIONNAIRE

In the two years since its creation, *RTD Info* has grown into the primary quick reference information source on the European Union's Research and Technological Development programmes.

As the publication enters its third year, a reader survey was conducted to determine what the publication's customers think of *RTD Info*, and what they would like to see in future issues.

The results can be summarised as follows:

Who are the readers?

- Some 50% of all readers belong to the research community (universities, research centres, etc). But, while they work in research centres, only 16% of them are researchers. A large number of the readers are managers, administrators and teachers.
- Some 33% of readers belong to industry.
- An analysis of the questionnaires received reveals that each copy is read, on average, by seven people, which brings the actual 'pass-on' readership to 200,000 readers across Europe.

What readers think of the publication's presentation and content?

- The majority of readers are most interested in

content related to EU Research programmes.

- The reader category that appreciates the present content of *RTD Info* the most is Small and Medium-sized Enterprises (SMEs). They are especially interested in the 'Calls' and 'Programme Updates' sections.
- Larger companies seem to be 'less pleased' - however 75% of respondents registered interest in the 'Calls' section while 70% were pleased with the 'Programme Updates'.
- The presentation of *RTD Info* is clear and pleasing to the eye, according to 80% of all respondents.
- *RTD Info* is issued five times per year. Some 65% of respondents would like to see the publication appear bi-monthly. However, nearly 25% of the readership asked for a monthly publication.

RTD Info vs other EU research publications

- When compared to the CORDIS publications covering RTD, 42% of all respondents confirmed that they read only *RTD Info*. Some 50% also read *CORDIS focus* and *RTD magazine*.
- Some 50% of the readers from research centres and universities read only *RTD Info*. Of the reader group representing large and

medium-sized companies, 80% of this public read other RTD publications.

Good points and bad points

- The good news highlighted by readers is that the concise presentations and the summary approach to the reporting in the publication are highly rated.
- The main area highlighted for improvement is the late delivery of some issues; this however, should now longer happen, as recent late deliveries were due to specific administrative hold-ups inside the Commission services.

Other suggestions include:

- E-mail addresses; names of key personnel - and changes of position - in the Commission; more success stories; less use of abbreviations - sometimes confusing and difficult to decode.

About "RTD Info"

RTD Info is published by the European Commission, DG XII, Science, Research, Development. To obtain the newsletter free of charge in English, French or German, fax your name and address, with the language version you require to:

DG XII Information Services,
Fax + 32 2 2958220

Simpler model contracts make applying easier

A new standard contract has been introduced by the European Commission's DG XII. It aims to make the contract process smoother for organisations wishing to participate in EU research and technological development programmes such as the Fourth Framework Programme.

The new standard contract is a revised, shortened and updated version of the document which has existed since 1988, but

which has been the subject of much criticism from users as being too complex for the 'normal user' to complete.

The new version is better structured and more streamlined. It is half as long as the previous version, and structured so that a company can complete it quickly and easily. It is the result of extensive consultation with research organisations - such as IRDAC (the Industrial R&D Advisory Committee of the European

Commission), UNICE (the EU industries and employers union) and UEAPME (the European group representing artisans and SMEs).

It was driven by the call for simplification by Edith Cresson, Commissioner for Research, Education and Training (RTD).

In addition to being shorter and easier to use than its predecessor, the new standard contract brings applicants

several useful new features - such as increased protection of the ideas they develop in these projects.

The contract will be supported by a series of new user manuals, which aim to make the process smoother for first-time applicants and SMEs. ■

You can find the new contract on DG XII's Web pages at: www.cec.lu/en/comm/dg12/dg121st2.html



Vegetable cleaning oils for Europe's printing works

If you have ever visited a printing shop, you will probably recall the fast-operating machines, taking in blank paper at amazing speed on the one end and spitting out printed sheets at the other. Your nose, however, will probably recall something else - the smell of petrol - the most important organic solvent in the printing industry. Machines are cleaned several times a day with petrol when a change of colour is required or for new printing jobs. As a result, the European printing industry emits more than 100,000 tonnes of solvents per year, more than 5% of the overall industrial solvent emission. These are harmful to the environment and hazardous to the health of workers.

This cleaning technology is both obsolete and not very intelligent from a chemical point of view - instead of dissolving the printing colours, organic solvents destroy them. The old technology has only

one advantage: it is a "use and forget" technology, as the solvents evaporate after use, and turn to invisible waste.

From kitchen table to Europe

Colours, however, can be cleaned in other ways. In Denmark three printers, concerned about the health of their colleagues, conducted the first experiments on their kitchen table back in 1988. They remembered how tar and oil stains are removed after walks on the beach: with fat (butter, margarine or vegetable oil). This was the basic idea behind the new technology. Seven years later, 50% of Danish printing works are cleaning their machines with products based on vegetable oils which do not evaporate in the environment and are not hazardous to human health. They also increase consumer protection by eliminating printing room petrol odours from food packaging

production, and, once the printers have learnt how to use them, they reduce costs.

To spread the technique to other regions of the Union, the European Commission's DG XIII has promoted the "SUBSPRINT" project as part of the Sprint Programme. After initial successful results, the project was extended to Austria, Belgium, Denmark, Finland, Germany, Iceland, Italy, Luxembourg, the Netherlands, Spain, Sweden and the UK, accompanied by a whole series of back-up measures to help in the acceptance of the technology.

The aim is to increase substantially the number of printing works that use the technology, and by the end of the project, some 20% of the printing works in the participating countries are expected to be using it.

Solving the problems

Despite the apparent simplicity of the technology, many technical problems have had to be overcome, and the vegetable cleaning agents now on the market are the fourth generation - the results of continuous improvement. Considerable changes also had to be made to machines and machine accessories, and as a

consequence, many machinery manufacturers unveiled new "green" printing machines at "DRUPA" '95, the world's biggest printing fair. A final problem was convincing the printers, as the new cleaning agents require a different, far more careful working method. Cooperation with national trade unions was often helpful here.

The number of printing works using the new technology continues to rise, and, encouraged by the success in the printing industry, other sectors are now being included. For example, non-toxic cleaning agents are being introduced in the metals and paints industries with the support of a new project supported by the European Commission's DG XII and DG VI. ■

Contact: Lothar Lißner,
Kooperationstelle Hamburg,
Fax + 49 40 2858 641

If you wish to send us your own "success story", please refer to RTD Info 8 (January 95) for more details about presentation, or fax us for a detailed information sheet:
Michel Claessens,
Fax + 32 2 2958220

TELEMATICS

The Telematics Applications Programme has published a third call for proposals for RTD actions (OJ C240/14 of 15.9.95).

Areas covered by the call: Telematics for research; Education and training; Health-care; Disabled and elderly; Language engineering. An optional outline proposal may be submitted for pre-screening and consultation involving the Commission services if so desired by the proposers. Deadline for submission of outline proposals (which are optional): 30 November 1995 (17.00). The deadline for the submission of final proposals: 15 January 1996 (17.00).

For more details of technical areas, or a copy of the Information Package, contact: Telematics Applications Programme
Fax +32-2-2952354
E-mail: telematics@dg13.cec.be

ACTS

Advanced communications technologies and services

A second call for proposals has been published for RTD actions under the ACTS programme (1994-1998) (OJ C 240/7 of 15.9.1995).

A key element is the special provisions made for organizations and SMEs from Central and Eastern Europe who are eligible to be funded up to 50% of the costs of participation in ACTS RTD projects (under the programme for the promotion of international cooperation in the field of Community research with third countries).

Deadline for submission of proposals: 1 March 1996 (17.00).

For more details about the technical areas covered by the

call, or a copy of the Information Package, contact: ACTS, Fax + 32 2 2950654
E-mail via Internet: aco@postman.dg13.cec.be
E-mail via CompuServe: 100302,2607

ESPRIT

Information Technologies

A call for proposals was published on 15 September (OJ C240 of 15.9.95).

For details of areas and topics see contact points below. Deadline for submission of proposals: 15 December 1995 (17.00).

Continuous submissions

In the call published on 15 December 1994 (OJ No C 357 of 15.12.1994), invitations for continuous submissions for certain actions were announced. Proposals for open LTR projects (task 4.1), technology transfer and support measures, and SME exploratory awards may be submitted at any time up to 15 February 1996.

In the call published on 15 June 1995 (OJ C 148 of 15.6.1995), an invitation for continuous submissions of proposals for IT project traineeships was announced.

Proposals for these actions may be submitted at any time up to 15 February 1996.

For more detailed information and a copy of the Information Package, contact: DG III, IT Information Desk
E-mail: esprit@dg3.cec.be.
The work programme and information package are also available via the World Wide Web on:
<http://www.ecrc.de/eu/esprit/home.html>
<http://www.cordis.lu/esprit/home.html>
or, via FTP, from:
<ftp://ftp.ecrc.de/pub/ec/esprit>.

Another call is expected to be published on 15 December 1995. Closing date 15.3.96

INNOVATION

Dissemination and optimization of the results of activities in the field of research and technological development, including demonstration (1994-1998).

A call for proposals for the implementation of regional development projects was published on 15 September (OJ C 240/15 of 15.9.1995).

The purpose of this call is to invite proposals for the analysis of regional innovation and technology transfer infrastructures and strategies (RITTS), for the elaboration of regional innovation strategies (RIS) and for regional technology transfer projects (RTT), and for the relevant accompanying measures. Proposals are also invited for the preparation and launching of pilot regional technology transfer projects, based on inter-regional collaboration, for demonstrating best practice in technology transfer.

Deadline for the submission of project proposals: 15 December 1995 for RITTS, RIS, and accompanying measures and 15 March 1996 for regional technology transfer projects.

For further details or an information package on RIS and regional technology transfer projects, contact: (citing the reference "DG XVI Article 10 ERDF"): DG XVI
Fax + 32 2 2950138/39/40

For RITTS projects and accompanying measures, contact: DG XIII, INNOVATION Programme
Fax + 352 4301 34544.

A call for proposals has been published (OJ C 240/20 of 15.9.1995) for training and dissemination schemes, projects to promote and apply

methodologies and best practice in the following areas:

- Increasing public awareness of science and technology and, more generally, of innovation;
- Securing the involvement of social actors in decisions concerning the implementation of new technologies.

Deadline for the submission of proposals: 15 December 1995 (17.00).

For more details or a copy of the information package, contact: DG XIII
Fax +352 4301 32084

Two calls are expected to be published on 15 December 1995 for the following areas:

- Innovation management techniques
- European networks and services.

Closing date: 15.3.96

STANDARDS, MEASUREMENTS AND TESTING

Deadlines:

- for industrial and basic research projects only: 15.11.1995
- for thematic networks in Themes I, II, and III: continuously open until 17.12.1997
- for cooperative research (CRAFT) only in Theme I: continuously open until final dates specified hereafter:
 - proposals for an exploratory award with a view to submit at stage 2 an industrial research project: 12.6.1996
 - proposals for an exploratory award with a view to submit at stage 2 a cooperative research project: 11.6.1997
 - proposals for a cooperative research project (stage 2): 17.12.1997

For more information contact: RTD projects and Thematic Networks proposals, SMT Programme
Fax + 32 2 2958072

BIOTECHNOLOGY

A call for proposals was published on 15 September (OJ C240/9 of 15.9.1995)

Deadline for receipt of proposals: 10 January 1996. Proposals for shared-cost preparatory awards for the

participation of SMEs in RTD projects can be submitted continuously until 31.12.96

For an Information Package or more detail on technical areas, contact DG XII E-1 Fax + 32 2 2991860

An important element of this call for proposals is the reintroduction of the possibility to

submit proposals for Preparatory Awards for SMEs. Initially this possibility was restricted to the first call. Demonstration projects are to be included in the Biotechnology Programme to give the programme a mechanism to further exploit and disseminate the technology on a scale of operations which more closely represent reality. Up to

6% of the programme is earmarked to "prove the technical viability of a new technology, and its economic advantage".

For further details on demonstration projects Contact: A. Herrero Fax + 32 2 2955365

TELEMATICS 2C; ACTS; ESPRIT

The first calls for proposals for the ACTS, Esprit and TELEMATICS Applications programmes, announced in 1994, attracted a total of 2 332 proposals between them. This represented a total request for EU funding of ECU 7.8 billion. Following evaluation, a total of 588 projects were selected for EU funding of 1 190 MECU (million Ecu).

The breakdown between the three programmes is:

- ACTS: 199 proposals selected for recommended funding of 459 MECU;
- ESPRIT: 179 proposals selected for recommended funding of 307 MECU;
- TELEMATICS: 290 proposals selected for recommended funding of 424 MECU.

All three programmes had introduced improved procedures to help proposers and make evaluation faster and more reliable. For example: The Esprit programme now holds calls for proposals every three months, each call focusing on just part of the programme. The TELEMATICS Applications programme introduced an optional outline proposal scheme and comments and suggestions from

Commission staff were sent back to each proposer. The ACTS programme pioneered the submission of proposals by electronic transfer of encrypted and digitally signed files. Most ACTS proposals were received by this means and this considerably speeded up the evaluation process. The three programmes continued to encourage SME participation and user representation. The first projects are expected to start sometime in the next few months.

INDUSTRIAL AND MATERIALS TECHNOLOGIES

Following the first Call for proposals, 209 projects have been selected with a total funding of 402 MECU (million Ecu). More than 1 600 partners are involved in the projects; 60% of these are from industry.

A second Call for proposals is due to be published at the end of 1995, with an equivalent amount of Community funding. Taking into account the coherence of the three research areas covered by the programme (production technologies, materials and technologies for product innovation, and technologies for transport means), this call will be open for all three areas together. The information about the second

Call was published in the *Official Journal* of 17 October 1995. For the specific actions to stimulate the technological development of SMEs (small and medium-sized enterprises), 225 MECU will be allocated during the period 1995-1998. The Call is continuously open, allowing for the submission of proposals at any time. Since the beginning of this year, 156 exploratory awards and 28 cooperative research projects have been funded, for a total amount of 17 MECU. More than 400 SMEs are taking part in these projects. The next rounds of evaluation and selection are being held in October 95 and February 96.

NUCLEAR FISSION SAFETY

On the basis of the assessment of the proposals received received by the deadline 20 March 1995 for the call for proposals for nuclear fission safety (reactor safety, waste management and radiation protection), the Commission will draw up the list of research fields and topics to be covered by the second phase of the call for proposals (ending 28 February 1996). This list will be published in the *Official Journal* on 21 November 1995.

INTERNATIONAL COOPERATION (INCO)

Part C: S&T Cooperation with Developing Countries

A total of 104 proposals were received in response to the first phase of the first call (closing date 15 June 1995) which covered two specific topics - human vaccines and animal health. These have now been evaluated and 25 proposals have been recommended for funding. The second phase (closing date 6 September 1995) covering other sectors, i.e. renewable natural resources, agriculture/agroindustry, health and information and communication technologies yielded 1 060 proposals. These are currently under evaluation.

Discussions are underway with various developing country regions to help identify priority topics for possible inclusion in the next call for proposals which is expected to be announced in March 1996 with a closing date in September 1996.

FAIR 2

The closing date for the second call for proposals (4th Framework Programme) was 15 September 1995. 231 pro-

posals were received – 32 in Area 2 (Scaling-up and Processing Methodologies), 176 in Area 3 (Generic Science and Advanced Technologies for Nutritious Foods) and 23 Demonstration projects, of which 14 deal with Non-food and 9 with Food. Evaluation of these proposals was taking place in Brussels in October.

For further details contact:
C. Mangan
Fax + 32 2 2964322

BIOTECHNOLOGY

Following the first call for proposals, 60 RTD projects have been selected, with a total funding of 73 MECU. The pro-

jects involve 528 laboratories from both EU member states and associated countries. These include 77 industrial undertakings, more than double the number in the previous programme, a sign of the hopes the pharmaceutical, chemical and agri-food industries place in biotechnology.

For more information, contact:
E. Magnien
Fax + 32 2 2955365

TRAINING AND MOBILITY OF RESEARCHERS (TMR)

TMR Research Training Grants worth 41.4 MECU have been awarded in the first TMR

selection round. Out of the 2 200 proposals submitted to the Commission, 513 projects have been selected. The young researchers chosen will undertake their work in a laboratory of their own choice, based in a country outside their current or usual residence. Over the lifetime of the TMR programme 260 MECU will provide for the award of some 2 000 to 3 000 research training grants. Most of the finance is for post-doctoral researchers while a maximum of 20% of the funding is for post-graduate research. Next deadlines for research training grants are 15 December 95 and 15 June 96.

TMR – Access to Large-scale Facilities

In its first selection round under TMR, finance has been awarded to 84 new research projects out of 193 eligible proposals. Researchers will now gain access to a range of top level facilities normally “off limits” to non-nationals. Special and unique experimental opportunities using such facilities as large telescopes, synchrotron light sources, earthquake simulators and lasers can now be conducted. Some 40 MECU of funding remains, and interested parties should note the next deadline for applications is March 1997.

Contact: G. Blythe
Fax + 32 2 2963270
Internet: see “TMR - Publications”

CONFERENCES AND WORKSHOPS

ESPRIT

EITC '95 - Managing Change
European IT Conference
Brussels (B), 27-29 November
Contact: EITC '95 Conference
Secretariat: Fax + 32 2 2966930
E-mail: eitic@dg13.ccc.be
WWW: <http://www.cordis.lu>

INDUSTRIAL AND MATERIALS TECHNOLOGIES

Railtex Exhibition
Wembley (GB), 21-23 November
Contact: M. Andrieu
Fax + 32 2 2966775
or M. Robinson
Fax + 44 114 275 56 25

STANDARDS, MEASUREMENTS AND TESTING

Journée européenne des technologies médicales – Euromédecine '95

Objectives: presentation of 6 EC research programmes with impact on medical technologies and standardization activities in the biomedical field including information on the relevant EC directives and funded projects. Montpellier (F), 10 November
Contact: U. Faure (IMT),
C. Profilis (SMT)
Fax + 32 2 2966757
or Mme Dumas
Fax + 33 67 13 61 01

ENVIRONMENT AND CLIMATE

Effects of the Environment on Indoor Cultural Property
Objectives: to review the results of research projects funded by the Environment and Climate programme in this field, to promote networking between these projects and other related initiatives and to improve understanding of innovative technologies of controlling factors affecting the transfer of pollutants inside museums (including effects of mass tourism).

Würzburg (D), 11-13 December
Contact: J. Acevedo
Fax + 32 2 2963024

Non destructive testing to evaluate damage due to environmental effects on historic monuments.

Objectives: presentation and discussion of the research projects funded under the Environment and Climate programme and other initiatives in the field of non destructive investigation methods which are applicable to the monitoring and evaluation of reinforcement techniques for conservation and rehabilitation of the European Cultural Heritage.

Trieste (I), 15-17 February 1996
Contact: J. Acevedo
Fax + 32 2 2963024

International Workshop “UV-B and Biosphere”

Objectives: to summarize the present status and knowledge related to effects of UV-B radiation on the biosphere.
Wageningen (NL), 15-18 December
Contact: C. Nolan
Fax + 32 2 2963024

FAIR

International Developments in Process Efficiency and Quality of the Meat Industry: Their impact on Competitiveness

Organised by The National Food Centre, Ireland in association with DG XII.

Objectives: to present recent international advances in meat processing efficiency and quality.
Dublin Castle (IRL), 16-17 November
Contact: L. Breslin
Fax + 32 2 2964322

Second European Symposium on Sous Vide

Objectives: to narrow the gap between research and industrial practice in the *sous vide* area. Practical realisations are presented in combination with more fundamental research results on heat transfer, safety aspects, sensory quality and physico-chemical changes.
Leuven (B), 10-12 April 1996
Contact: J. Cornelese
Fax + 32 2 2964322

NON-NUCLEAR ENERGY (Joule Component)

Sustainable development in the rural world – Decentralised electrification

Marrakech (Morocco),
13-17 November

Second European Wave Power Conference

Lisbon (P), 8-10 November

Contact: K. Diamantaras
Fax + 32 2 2960621

4th European Conference on Solar Energy in Architecture and Urban Planning

Berlin (D), 26-29 March 1996

Contact: G. Deschamps
Fax + 32 2 2960621

The technological progress for Competitiveness and Employment

The case Energy - Environment

This seminar will adopt a "technical" approach to the Energy - Environment - Employment problematic and will address three major questions: relationship between energy, environment and employment, impacts of several energy-related policies and instruments on employment and role of energy technologies on job creation.

Chambre du Commerce et d'Industrie de Paris
Paris (F), 1 December

Contact: E. Donni
Fax + 32 2 2994991

NUCLEAR FISSION SAFETY

FISA-95 Symposium - EU Research on Severe Accidents

The following areas are covered:

Area 1: Accident progression analysis

Area 2: Behaviour and qualification of the containment systems

Area 3: Accident management support

Luxembourg (L), 20-22 November

Contact: G. Van Goethem
Fax + 32 2 2954991

First International Conference of the European Commission, Belarus, Russian Federation and Ukraine on the Radiological Consequences of the Chernobyl Accident

Minsk (Belarus),
18-22 March 1996

Joint International Conference: One Decade after Chernobyl, Summing up the Consequences of the Accident

Vienna (A), 8-12 April 1996

Contact: A. Karaoglou
Fax + 32 2 2966256

Fourth European Community Conference of the EC programme on Radioactive Waste Management and Disposal

Luxembourg (L),
25-29 March 1996

Contact: Mr McMenamin
Fax + 32 2 2966883

THERMONUCLEAR FUSION

3rd European Fusion Physics Workshop

Segovia (E), 13-15 December

Contact: R. Saison
Fax + 32 2 2964252

European Week for Scientific and Technological Culture 1995 Fusion-Industry Exhibition

During the European Week for Scientific and Technological Culture 1995, the European Commission is presenting an Exhibition on:

– the EU's fusion research programme

– European industry's contributions to this programme. The achievements of the European fusion programme and its impact on European industry are presented, and the exhibition shows how European industry plays an increasing role in the development of fusion research by means of specific contracts placed by the fusion laboratories, resulting in an increased competitiveness of the companies and also in technology transfer towards other fields.

In parallel to the Week, a fusion-industry seminar - to be attended by participants from European companies as well as from fusion research institutes - is also

being held in Strasbourg, Salle de l'Aubette, Place Kléber, Strasbourg (F), 13-21 November

Contact: R. Saison
Fax + 32 2 2964252

TRAINING AND MOBILITY OF RESEARCHERS (TMR) EUROCONFERENCES

A complete listing of Commission-supported Euro-conferences is available on the Internet (see "TMR - publications"). Young researchers, in particular, are encouraged to seek more details as each Euroconference organizer has funding to help meet their travel and subsistence costs.

The next deadline for Euroconference, Summer School and Practical Training Course applications is 1 April 1996.

Fifth International Conference: The Future of Science Has Begun

(The communication of science to the public; Science and the media)

Milan (I), 15-16 February 1996

Contact: Kathleen White,
Fondazione Carlo Erba
Fax + 39 2 72023691

ESPRIT 3

Information Technologies

ESSI pilot phase projects

Summaries of the pilot phases of ESSI (European System and Software Initiative) projects under the ESPRIT programme of the Third Framework Programme for RTD activities (1990-1994).

The goal of ESSI is to promote improvements in the software development process in industry to achieve greater efficiency, higher quality, and greater economies of scale.

The publication is available (free of charge, in English) from:

IT Information Desk
Fax +32-2-2968388
E-mail: esprit@dg13.cec.be

TELEMATICS (DELTA 2)

Final report of the Telematics for Flexible and Distance Learning programme (DELTA) (1991-1995).

This final report presents the key scientific results achieved by the projects, concerted actions and studies financed under DELTA

(developing European learning through technological advance).

Copies of the report can be obtained, free of charge, from: Telematics Applications Programme
Fax +32-2-2962392
E-mail: telet@dg13.cec.be

IMPACT 2

The European Geographic Information System (GIS) fact sheets

The information pack on European Geographic Information System (GIS) gives background information on a variety of issues related to GIS and describes eight projects funded by the Community's IMPACT 2 programme to develop applications of GIS technology.

For further information, contact: *IMPACT Central Office - GIS projects*
Fax + 352 4301 32847

CORDIS

The latest edition of the CORDIS CD-ROM has been published. It contains all the information in the CORDIS on-line databases up to the date of issue and provides detailed information about Community RTD activities. It also incorporates Watch-CORDIS, a new Windows compatible user interface offering superior search and retrieval software, as well as the facility to link related records in different databases. An annual subscription to the CORDIS CD-ROM is Ecu 250 for four editions. A single edition is Ecu 100.

For further information about CORDIS or to receive a single copy, contact:

CORDIS Customer Service
Fax + 352 3498 1248

For a subscription, contact:
OPOEC, OP4C - OFL
Fax + 352 2929 42027

STANDARDS, MEASUREMENTS AND TESTING

A list of all publications from 1994 can be found in the "Measurements and Testing Newsletter" March 1995, vol 3 n°1.

To obtain a copy of the newsletter or for more information
Fax + 32 2 2958072

ENVIRONMENT AND CLIMATE

Methods and testing strategies for evaluating the genotoxic properties of chemicals
EUR 15945 EN Joint publication of DG XI and DG XII.

Global change and Arctic terrestrial ecosystems
Ecosystems research report n° 10 EUR 15519 EN -
Proceedings of a scientific meeting at Uppdal (NW) in August 1993

Contact: *J. Acevedo*
Fax + 32 2 2963024

NON-NUCLEAR ENERGY (JOULE Component)

Proceedings of the 8th EC Conference on Biomass for Energy, Environment, Agriculture and Industry
Vienna, 3-5 October 1994
Edited by Ph. Chartier, AACM Beenackers, G. Grassi; Elsevier Science Ltd. 1995

Contact: *Mr J. Sachau*
Fax + 32 2 2960621

NUCLEAR FISSION SAFETY

The Community's R&D Programme (1990-1994) on Radioactive Waste Management and Storage - Shared-cost action - Annual progress report 1994
EUR 16548 EN - Price (excl. VAT) ECU 69.50

Contact: *OPOCE Luxembourg*,
Fax + 352 488573 or
G. Cottone
Fax + 32 2 2966883

Handbook on the Decommissioning of Nuclear Installations
EUR 16211 EN - Price (excl. VAT) ECU 59.50

Proceedings of the Third International Conference on the Decommissioning of Nuclear Installations

ISBN 92-827-4016-1
Price (excl. VAT) ECU 100

Contact: *OPOCE Luxembourg*
Fax + 352 488573 or
R. Wampach,
Fax + 32 2 2954991

Health Effects of Internally Deposited Radionuclides
Proceedings of an International Seminar - EUR 15877 EN
Heidelberg, 18-21 April 1994

Contact: *A. Karaoglou*
Fax + 32 2 2966256

FAIR



- *Production of Thermo-Bioplastics and Fibres based mainly on Biological Materials* (EUR 16102 EN)
- *Mycotoxins in Human Nutrition and Health* (EUR 16048 EN)
- *Ways to improve the quality of Domestically Produced Proteins for use in Animal Feed Industry* (EUR 16103 EN)
- *Industrial Fibre Crops* (EUR 16101 EN)
- *IEA Bioenergy Annual Report 1994*

Contact: *J. Cornelese*
Fax + 32 2 2964322

TRAINING AND MOBILITY OF RESEARCHERS (TMR)

The Work programme and Information packages for the TMR programme are available through the CORDIS World

Wide Web server on the Internet. Also on the Internet is the "TMR News" bulletin and other pertinent TMR information. All can be accessed using any of the standard browser packages (Gopher, Netscape, Mosaic WinWeb etc.) and can be found at <http://www.cordis.lu/> (under Fourth Framework Programme). The "Home Page" for the TMR programme on the CORDIS server is being updated in October.

For further information, contact *Cordis Help desk:*
Fax + 352 34 98 12 48
E-mail: helpdesk@cordis.lu

Natural Risk and Civil Protection

Edited by Tom Horlick-Jones, London School of Economics, UK, Aniello Amendola, CEC Joint Research Centre, Italy and Ricardo Casale, DG XII. The first detailed examination of the emerging "science" of risk management-based civil protection and the first book to tackle head-on the differences in perspective that characterise the diverse world of civil protection. 400pp hardback, 0-419-19970-5, £85.00.

Order from *E & F N Spon*
Fax + 44 1264 342787/342761

Cyberspace Reflections
Authors: Vicente Colom and Herman van Bolhuis, preface by Ricardo Petrella. This report deals with the basic features and aspects of the emerging information society. The authors try to frame the developments in two different perspectives. First, from technology into society and second from cyberspace to society.

Contact: *Vincente Colom or Herman van Bolhuis*
Fax + 32 2 2964299
A printed copy can be obtained from *Anne de Greef*
Fax + 32 2 2964299
E-mail: M397-de-greef.a@mhsg.cec.be