



# STOA NEWSLETTER

European Parliament - Directorate-General for Research - Directorate A  
May 1999

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## *Ethical issues in research and technology*

This was the first STOA project to be based on a specially-created Website. On-line questionnaires were used to help gather information about current activity in the area of 'Ethical issues in research and technology', and to give philosophers, scientists and citizens the chance to express their concerns. The study reports the results in such areas as medicine and the life sciences, information technology and environmental ethics. It also takes a specific look at how ethical issues are dealt with under the Fifth Framework Programme on Research and Technological Development of the European Union.

## *New studies available on: Bioinformatics, Cultural diversity in the new media, SMEs, Discards in fisheries*

These and other (Draft) Final and Interim Studies will be delivered to the STOA Panel at its meeting on 6 May in Strasbourg.

## *European elections on 10-13 June*

Since the elections to the European Parliament will take place on 10-13 June, the STOA Panel meeting of 6 May will be the last of the current Parliament.

Readers are informed that there will be one issue of this Newsletter for the months of June and July together, no Newsletter in August. We plan to get back to the normal rhythm of publication in September

Strasbourg, 5 May 1999

PE 167.874

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# NEWS

## ☐ **Presentation to STOA Panel**

Mr Murray CAMERON of WIP (Wirtschaft und Infrastruktur & Co - Planungs-KG), Munich, will be giving a presentation of the 1997 project on 'Appropriate energy storage technologies for the use with distributed, stochastic energy sources' at the STOA Panel meeting on 6 May 1999 in Strasbourg

There was a disappointment at the April Panel when the presentations by Mrs FEINDT on 'Electronic commerce' and Mrs TREIBER on 'Learning to live in the Information Society as an older person', announced in the April STOA Newsletter and foreseen for the Panel meeting of 15 April, had to be cancelled since the speakers were prevented from reaching Strasbourg by bad weather.

## WORKING DOCUMENTS, STUDIES, PAPERS, BRIEFS

Work in Progress - The following Working documents are being presented to the STOA Panel in May:

### **Workplan 1999**

- ☐ **Personal protective equipment at work**, by Ineke MALSCH, Malsch TechnoValuation, Utrecht, the Netherlands  
Interim Study, Working document for the STOA Panel, Workplan 1999 - 99/20/01, EN, May 1999, PE 168.188/Int.St.

### **Workplan 1998**

- ☐ **Ethical issues in research and technology**, by Ruth CHADWICK, Adam HEDGECOE, Lars ISAKSEN and Louise SARCH, Centre for Professional Ethics, University of Central Lancashire, UK  
Draft Final Study, Working Document for the STOA Panel, Workplan 1998 - 98/05/01, EN, May 1999, PE 167.955/Drft.Fin.St.
- ☐ **A nuclear amplifier for energy for electricity production**, by Jean-Pierre HUSSON and Philippe DE MONTGOLFIER, ESSOR Europe, Paris, France  
Draft Final Study, Working document for the STOA Panel, Workplan 1998 - 98/05/04, EN, May 1999, PE 167.954/Drft.Fin.St.
- ☐ **Bioinformatics**, by Andrew WEBSTER and Nick BROWN, Science & Technology Studies Unit (SATSU), Anglia Polytechnic University, Cambridge, UK, in association with Leiden

University Medical Center, Sylvius Laboratories, Department of Human Genetics, The Netherlands

Draft Final Study, Working document for the STOA Panel, Workplan 1998 - 98/05/05, EN, May 1999, PE 167.885/Drft.Fin.St.

- ☐ **Technology-induced atypical workforms**, by Gérard VALENDUC and Patricia VENDRAMIN, Fondation Travail-Université (FTU) asbl, Namur, Belgium, in association with Andrew GILLESPIE and Randal RICHARDSON, CURDS, Newcastle-upon-Tyne, UK  
Final Study, Working document for the STOA Panel, Workplan 1998 - 98/08/01, EN, May 1999, PE 167.794/Fin.St.
- ☐ **Cultural diversity in the new media**, by Mariagrazia FORCELLA, Bergamo, Italy  
Final Study, Working Document for the STOA Panel, Workplan 1998 - 98/12/01, EN, May 1999, PE 167.965/Fin.St.
- ☐ **Development of surveillance technology and risk of abuse of economic information (Appraisal of technologies of political control)**
  - (1) **The perception of economic risks arising from the potential vulnerability of electronic commercial media to interception; Survey of opinions of experts**, by Nikos BOGONIKOLOS, Zeus E.E.I.G, Patras, Greece  
Interim Study, Working document for the STOA Panel, Workplan 1998 - 98/14/01, EN, May 1999, PE 168.184/Int.St./Part 1/4
  - (2) **The legality of the interception of electronic communications: A concise survey of the principal legal issues and instruments under international, European and national law**, by Chris ELLIOTT, Surrey, UK  
Final Study, Working document for the STOA Panel, Workplan 1998 - 98/14/01, EN, April 1999, PE 168.184/part 2/4
  - (3) **Encryption and cryptosystems in electronic surveillance: A survey of the technology assessment issues**, by Franck LEPRÉVOST, Technische Universität Berlin, Germany  
Final Study, Working document for the STOA Panel, Workplan 1998 - 98/14/01, EN, April 1999, PE 168.184/part 3/4
  - (4) **The state of the art in Communications Intelligence (COMINT) of automated processing for intelligence purposes of intercepted broadband multi-language leased or common carrier systems, and its applicability to COMINT targeting and selection, including speech recognition**, by Duncan CAMPBELL, IPTV Ltd., Edinburgh, UK  
Final Study, Working document for the STOA Panel, Workplan 1998 - 98/14/01, EN, April 1999, PE 168.184/part 4/4
- ☐ **Small and medium sized enterprises, technology and development**, by Luciano d'ANDREA, CERFE, Rome, Italy  
Final Study, Working document for the STOA Panel, Workplan 1998 - 98/13/01, EN, May 1999, PE 167.795/Fin.St.
- ☐ **New options for renewable energy sources, including solar power, in the developing world**, by Edgard BLAUSTEIN, Bernard DEVIN, Hugues LE BARS and Anjali SHANKER,

Innovation Environnement Développement (IED), Paris, France, in association with Energy 21, Paris, France

Final Study, Working document for the STOA Panel, Workplan 1998 - 98/13/02, EN, May 1999, PE 167.886/Fin.St.

- ☐ **The problem of discards in fisheries**, by Ian GOULDING, Megapesca, Alfeizerao, Portugal  
Draft Final Study, Working document for the STOA Panel, Workplan 1998 - 98/17/01, EN, May 1999, PE 168.884/Drft.Fin.St.

#### **Workplan 1997**

- ☐ **Appropriate energy storage technologies for the use with distributed, stochastic energy**, by Murray CAMERON and Peter HELM, WIP (Wirtschaft und Infrastruktur & Co - Planungs-KG), Munich, Germany  
Final Study, Working Document for the STOA Panel, Workplan 1997 - 97/05/02, EN, May 1999, PE 167.059/Fin.St.  
Options Brief, PE 167.059/OB

## **PROJECT STEERING GROUPS**

**The following Project Steering Group (PSG) has held a meeting in the past month:**

#### **Workplan 1999**

- ☐ **99/03/01 - Cost-benefit analysis of EU RTD research**

**Date/place:** 5 May 1999, Strasbourg

**Participants included:** Mr ADAM, MEP; Mrs McNALLY, MEP; Ms HOOPPELL-SMITH, Assistant to Mr Adam; Mr MILLER, DGII/Secretariat of the Committee on Budgets; Mr LEHMANN, DGII/Secretariat of the Committee on Research/Energy; Mr LAKE, DGIV/Energy; Mrs DI PIETROGIACOMO, EC/JRC; Mr BERTIN, EC/DGXIII; Mr MAYER, European Science Foundation; Mr HOLDSWORTH, Head of the STOA Unit; Mr SOSA, STOA Projects Administrator; Mrs MARTINSSON, STOA secretariat; several STOA Scholars.

**Contractor:** Mr PEDRELLI, Pragmata srl, Reggio-Emilia, Italy.

**Main outcomes:** Agreement on project scope and timing on the basis of a Scoping Paper.

**For more information please contact:** Dick HOLDSWORTH.

## OTHER STOA INFORMATION

- ☐ STOA is sad to announce that Patricia VIGNERON has left the Team. We wish her all the best for the future.
- ☐ STOA is however glad to welcome Yoann BENARD, a French Environmental biologist as a new Visiting Researcher to the Brussels Team.

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Please address your requests for any of the documents listed above to Mr Frans SCHAERLAEKEN by **fax** (+352-4300.22418) or **e-mail** ([fschaerlaeken@europarl.eu.int](mailto:fschaerlaeken@europarl.eu.int)).

## STOA Workplan 1999: Table of projects

<i>Committee</i>		<i>Project title</i>	<i>Member responsible</i>
03	Budgets	Cost-benefit analysis of EU research and technological development programmes	SAMLAND, WYNN
04	Economic	Economic aspects of the development of technologies for the waste treatment industry	VON WOGAU, MALERBA
05	Research	Genetically-modified food: Objectives for EU funded research and development	SCAPAGNINI, ADAM
		Use of new technologies and cost of water management in view of the new water directive of the EU	SCAPAGNINI, ESTEVAN BOLEA
06	External economic	The impact of rapid technological change in information technology on the stability of world trade and international capital flows	HERZOG, SEPPÄNEN
07	Legal	New technologies for the marketing and sale of medicines on the Internet and television networks	DE CLERCQ, MOSIEK-URBAHN
10	Transport	Technological options for a community strategy for a system of navigation by satellite (GNSS)	BAZIN, LANGENHAGEN
12	Culture	Linguistic diversity on the Internet: Assessment of the contribution of machine translation	PEX, ROBLES PIQUER
13	Development	Evaluation of agricultural or other technologies fighting against hunger and poverty	ROCARD, ROBLES PIQUER
14	Civil liberties	Crowd control and prison technologies (An appraisal of technologies of political control)	D'ANCONA, FORD
19	Women's rights	Women professionals in the media in the context of new technological developments	HAUTALA, McNALLY, HEINISCH
20	Petitions	Personal protective equipment at work	FONTANA, CAMISÓN ASENSIO

## STOA Workplan 1998: Summary of projects

<i>Committee project n°</i>	<i>Committee</i>	<i>Project title</i>
0201	Agriculture	Consequences of climate change for agricultural production
0401	EMAC	State of play of the interstate customs computer network
0501	CERT	Ethical issues in European research and technology
0502		Comparative study into coalmining technology and costs between the EU (including countries of C. and E. Europe) and major competitors in USA, Australia, S. Africa
0503		Building regulations as a means of requiring energy saving and use of renewable energies: current status and future potential at Member State and EU level
0504		A nuclear amplifier for energy for electricity production
0505		Bio-informatics: a technology assessment of recent developments in bio-informatics and related areas of research and development including high-throughput screening and combinatorial chemistry
0801	ASOC	Technology-induced atypical work-forms: Existing and proposed regulatory strategies concerning social agents (state, employers, trade unions) dealing with technologically-induced a-typical forms of work (tele-work, stand-by work, 24-hour-office-operation)
0901	Regional	The selection of indicators for the evaluation of programmes of regional assistance in the European Union: Classification of criteria for an empirical assessment principally based on research and development, technological innovation and technology transfer indicators
1001	Transport	Revitalising railways: Examples of failures and successes in the revitalisation of railways outside the European Union
1101	Environment	Sustainable use of pesticides
1102		Biodiversity strategy
1103		Orphan drugs
1201	Culture	Cultural diversity in the new media
1301	Development	SMEs, technology and development
1302		New options for renewable energy sources, including solar power, in the developing world
1401	Civil liberties	Development of surveillance technology and risk of abuse of economic information (Appraisal of technologies of political control)
1402		Use of modern technology for the purpose of setting up a European juridical network
1701	Fisheries	The problem of discards in fisheries
1801	Rules	Ways to facilitate the EP's work by the use of new technologies



## STOA PANEL

### Committee

#### **BUREAU**

##### *CHAIRMAN*

Mr Alain POMPIDOU (F, UPE)

##### *VICE-CHAIRPERSONS*

Mrs Renate HEINISCH (D, PPE)

Mr David BOWE (UK, PSE)

##### *EP BUREAU REPRESENTATIVE (non-voting)*

Mr Guido PODESTÀ (I, PPE)

Culture/Youth

Environment/Public Health

Vice-President of the EP

#### **MEMBERS**

Mr Leo TINDEMANS

(B, PPE)

Foreign Affairs, Security

Mr Lutz GOEPEL

(D, PPE)

Agriculture

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(..., .....,)

Budgets

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(B, PPE)

Economic and Monetary Affairs

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(D, PSE)

Research/Energy

Mrs Erika MANN

(D, PSE)

External Economic Relations

Mr Stéphane BUFFETAUT

(F, I-EDN)

Legal Affairs

Mr Nikolaos PAPAKYRIAZIS

(GR, PSE)

Social Affairs and Employment

Mr Antoni GUTIÉRREZ DIAZ

(E, GUE)

Regional Policy

Mrs Brigitte LANGENHAGEN

(D, PPE)

Transport and Tourism

Mr Roberto SPECIALE

(I, PSE)

Development and Cooperation

Mr Glyn FORD

(UK, PSE)

Civil Liberties and Internal Affairs

Mr Andrea MANZELLA

(I, PSE)

Institutional Affairs

Mr Ulf HOLM

(SV, V)

Budgetary Control

Mr Gordon ADAM

(UK, PSE)

Fisheries

Mr Florus WIJSENBEEK

(NL, ELDR)

Rules of Procedure

Mrs Eryl McNALLY

(UK, PSE)

Women's Rights

Mr Felipe CAMISÓN ASENSIO

(ES, PPE)

Petitions

#### **SUBSTITUTES**

Mr Joe WILSON

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Mr Esko Olavi SEPPÄNEN

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(UK, PPE)

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Women's Rights

ONLY THE MEMBERS NAMED ABOVE HAVE THE **RIGHT TO VOTE** AT THE  
STOA PANEL MEETINGS.

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RAMSAY, Robert	Director-General	4300-22535	SCH 6/01
SILVESTRO, Massimo	Director	4300-22902	SCH 6/23
VAN DER PERRE, Lieven	Head of Division	4300-22558	SCH 6/64
<b>STOA Unit</b>			
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SOSA IUDICISSA, Marcelo	Projects Administrator	28-43962	LEO 6D46
WEIERS, Jackie	Secretary	4300-22623	SCH 4/60
SERCU, Karin	Secretary	28-43748	LEO 6D110
MARTINSSON, Marianne	Secretary	28-42844	LEO 6D48
SCHAERLAEKEN, Frans	Secretariat	4300-23942	SCH 4/62
OVERSTALL, John	Principal Administrator, Budget	4300-22618	SCH 6/07
BEEVERS, Thomas	Ramón y Cajal Scholar, Ecologist	4300-24226	SCH 4/59
BENARD, Yoann	Visiting Researcher, Environmental biologist	28-42377	LEO 6DBIB
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LUEGINGER, Julia	Visiting Researcher, Human biologist	28-43571	LEO 6D108
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MARSHALL, Timothy	Ramón y Cajal Scholar, Philosopher	28-42377	LEO 6DBIB
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## STOA PROGRAMME

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