



# **STOA NEWSLETTER**

*European Parliament - Directorate-General for Research - Directorate A*  
*February 1999*

## ***Fast start to 1999 projects ahead of European Parliament Elections***

With the European Parliament Elections coming in the middle of 1999, STOA has made an earlier start on execution of the annual Workplan than ever before. It aims to deliver Interim Studies for all projects before Parliament dissolves. The Final Studies will be ready at the latest by the time the new Parliament starts work. This rapid start-up has been facilitated by the early decisions on the approval of the 1999 Workplan taken by the STOA Panel in December and the Bureau of the European Parliament in January.

As a result, half the calls for tenders will already have been launched by mid-February.

## ***Latest studies delivered by STOA include 'Coal-mining technology', 'Orphan drugs' and 'Renewable energy sources for the developing world'***

The STOA Panel will receive several Draft Final Studies at its meeting of 11 February in Strasbourg resulting from 1998 projects: 'Coal-mining technology' for the Committee on Research, Technological Development and Energy; 'SMEs, technology and development' and 'Renewable energy sources in the developing world', for the Committee on Development and Cooperation; and 'Orphan Drugs' for the Committee on the Environment, Public Health and Consumer Protection. In addition, the following Interim Studies will also be distributed: 'Bioinformatics', 'Revitalising Railways', 'Cultural diversity', 'Juridical network' and 'Discards in fisheries'.

**Strasbourg, 10 February 1999**

**PE 167.865**

DA

DE

EL

EN

ES

FR

IT

NL

PT

FI

SV

*Cataloguing data:*

**Title:** STOA Newsletter

**Publisher:** European Parliament  
Directorate General for Research  
Directorate B  
STOA

**Editors:** Mr Dick HOLDSWORTH, Head of STOA Unit  
Editorial assistant, Ms Karin SERCU

**Date:** February 1999

**PE number:** PE 167.865

---

This document is a Working Document for the 'STOA Panel'. Its contents have not been refereed, and it is not an official publication of STOA.

This document does not necessarily represent the views of the European Parliament.

## NEWS

- ☐ **Visit to the European Bioinformatics Institute (EBI) in Cambridge**  
Dr Graham CAMERON, Co-Director, welcomed Mrs McNALLY, Mr WIJSENBEEK, Mr HOLDSWORTH and Mr SOSA at the EBI on Thursday, 4 February 1999. After a general introduction and discussion in the morning, the afternoon was dedicated to a visit of the Sanger Centre and the Human Genome Mapping Project Resource Centre. Prof. WEBSTER and Dr Nick BROWN of SATSU at the Anglia Polytechnic University, and STOA's contractors on the 1998 'Bioinformatics' project, were also present.
- ☐ **Presentation to STOA Panel**  
Mrs Athena TAVOULTZIDOU of Integrated Environmental Management (IEM), Athens, is giving a presentation of their Final Study on the 1998 project on 'Consequences of climate change for agricultural production' at the meeting of the STOA Panel on 11 February in Strasbourg.
- ☐ **Colloquium on Ethics**  
The PACT Association (Prospectives et Actions Communautaires pour les Technologies et l'Ethique), the UPE Group of the European Parliament, and Prof. POMPIDOU, Chairman of STOA, organised a Colloquium on 'Info-éthique, quels acteurs face à quelles responsabilités?' on 25 January 1999 at the French Sénat in Paris. There were also interventions by Mrs QUISTHOUDT-ROWOHL and Mr MALERBA, MEPs, and other relevant political and professional figures from France and other countries. The many facets of ethical challenges posed by the emerging of the information society were addressed in an enlightening way.

## WORKING DOCUMENTS, STUDIES, PAPERS, BRIEFS

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

### Workplan 1998

- ☐ **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  
Interim Study, Working document for the STOA Panel, Workplan 1998 - 98/05/05, EN, February 1999, PE 167.885/Int.St.
- ☐ **Comparative study into coalmining technology**, by Luis RAMOS, IDOM, Bilbao, Spain, in association with Eddy HINDMARSH, International Mining Consultants (IMC), Huthwaite, UK

Draft Final Study, Working document for the STOA Panel, Workplan 1998 - 98/05/02, EN,  
February 1999, PE 167.778/Drft.Fin.St.

- ☐ **Revitalising railways: Examples of failures and successes in the revitalisation of railways outside the EU**, by Lucio DI MARTINO, Aix-en-Provence, France  
Interim Study, Working document for the STOA Panel, Workplan 1998 - 98/10/01, EN,  
February 1999, PE 167.953/Int.St./FR
- ☐ **Orphan drugs**, by Stéphane LAMY, StratCare, Paris, France  
Draft Final Study, Working document for the STOA Panel, Workplan 1998 - 98/11/03, EN,  
February 1999, PE 167.780/Drft.Fin.St.
- ☐ **Small and medium sized enterprises, technology and development**, by Luciano d'ANDREA, CERFE, Roma, Italy  
Draft Final Study, Working document for the STOA Panel, Workplan 1998 - 98/13/01, EN,  
February 1999, PE 167.795/Drft.Fin.St.  
Executive Summary, Working document for the STOA Panel, Workplan 1998 - 98/13/01, EN,  
February 1999, PE 167.795/Exec.Sum.
- ☐ **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  
Draft Final Study, Working document for the STOA Panel, Workplan 1998 - 98/13/02, EN,  
February 1999, PE 167.886/Drft.Fin.St.
- ☐ **Cultural diversity in the new media**, by Mariagrazia FORCELLA, Bergamo, Italy  
Interim Study, Working document for the STOA Panel, Workplan 1998 - 98/12/01, EN,  
February 1999, PE 167.965/Int.St.
- ☐ **Use of modern technology for the purpose of setting up a European juridical network**, by Eric SUTTER, Bureau Van Dijk, Paris, France  
Interim Study, Working document for the STOA Panel, Workplan 1998 98/14/02, FR,  
February 1999, PE 167.956/Int./FR
- ☐ **The problem of discards in fisheries**, by Ian GOULDING, MegaPesca Lda, Alfeizerão, Portugal  
Interim Study, Working document for the STOA Panel, Workplan 1998 - 98/17/01, EN,  
February 1999, PE 167.884/Int.St.

Several Project Briefs for 1999 projects are also available.

# PROJECT STEERING GROUPS

**The following Project Steering Groups (PSG) will be holding PSG or Scoping meetings:**

## **Workplan 1999**

- ☐ **99/20/01 - Personal protective equipment at work.** A Project Steering Group meeting with Mr CAMISÓN ASENSIO, MEP, took place in the morning of 11 February 1999 in Strasbourg.
- ☐ **99/14/01 - Crowd control and prison technologies.** A Project Steering Group meeting with Mr FORD, and Mr PRADIER, MEPs, is planned to be held on 16 February 1999 in Brussels.

**The following Project Steering Groups (PSG) have held meetings in the past months:**

## **Workplan 1999**

- ☐ **99/04/01 - Economic aspects of the development of technologies for the waste treatment industry**

**Date/place:** 3 February 1999, Brussels

**Participants included:** Mr MALERBA, MEP; Mr BERTON, DGII, Head of Division, Committee on Economic and Monetary Affairs; Mr DE SANT, JRC Ispra; Mrs DI PIETROGIACOMO, JRC Brussels; Mr SILVA MAIA, PPE Group; Mr VAN DER PERRE, Head of Division Environment/Energy/STOA; Mr HOLDSWORTH, Head of the STOA Unit; Mr SOSA, STOA Projects Administrator; Ms TOSSI, STOA Scholar; Mr OUDIN, STOA Scholar; Ms DANTE, STOA Scholar; Ms CORDÓN, STOA Scholar; Ms LUEGINGER, STOA Scholar.

**External experts:** Mr CUTTICA, Agenzia per la Protezione dell'Ambiente, Italy; Mr BAJEAT, Agence de l'Environnement (ADEME), France; Mr MARTENS, European Environmental Bureau (EEB), Belgium; Mr FLAMENT, ADEME Lorraine, France

**Main outcomes:** Agreement on project scope and timing on the basis of a Project Brief.

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

- ☐ **99/05/02 - Use of new technologies and cost of water management in view of the new water directive of the EU**

**Date/place:** 3 February 1999, Brussels

**Participants included:** Mrs ESTEVAN BOLEA, MEP; Mrs JUAREZ BOAL, DGII/Research Committee; Mr HOLDSWORTH, Head of the STOA Unit; Mr SOSA, STOA Projects Administrator; Mr OUDIN, STOA Scholar; Ms CORDÓN, STOA Scholar; Ms DANTE, STOA Scholar; Ms LUEGINGER, STOA Scholar

**Main outcomes:** Agreement on project scope and timing on the basis of a Project Brief.

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

- ☐ **99/07/01 - New technologies for the marketing and sale of medicines on the Internet and television networks**

**Date/place:** 27 January 1999, Brussels

**Participants included:** Mrs HEINISCH, MEP; Ms STARMANN, Assistant to Mrs Heinisch; Mr HOLDSWORTH, Head of the STOA Unit; Mr SOSA, STOA Projects Administrator; Ms HAUTAMÄKI, STOA Scholar; Ms DANTE, STOA Scholar; Ms CORDÓN, STOA Scholar; Mrs ZIANGA, STOA Scholar.

**Main outcomes:** Agreement on project scope and timing on the basis of a Project Brief.

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

#### **Workplan 1998**

- ☐ **98/C14/01 - Development of surveillance technology and risk of abuse of economic information**

**Date/place:** 2 February 1999, Brussels

**Participants included:** Mr FORD, MEP; Mr HOLDSWORTH, Head of the STOA Unit; Mr SOSA, STOA Projects Administrator; Ms DANTE, STOA Scholar; Mr OUDIN, STOA Scholar; Ms TOSSI, STOA Scholar; Ms LUEGINGER, STOA Scholar; Ms CORDÓN, STOA Scholar.

**Contractors:** Mr BOGONIKOLOS and Ms KATRAMI of ZEUS EEIG, Patras, Greece/Brussels, Belgium

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

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

- ☐ **98/C14/02 - Use of modern technology for the purpose of setting up a European juridical network**

**Date/place:** 10 February 1999, Strasbourg

**Participants included:** Mr BONTEMPI, MEP; Mr SOSA, STOA Projects Administrator

**Contractor:** Mr SUTTER, Bureau Van Dijk, Paris, France

**Main outcomes:** The Interim Study was presented and discussed.

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

- ☐ **98/C18/01 - Ways to facilitate the EP's work by the use of new technologies**

**Date/place:** 10 February 1999, Strasbourg

**Participants included:** Mr FORD, MEP; Mr WIJSENBECK, MEP; Mr HOLDSWORTH, Head of the STOA Unit; Mr SOSA, STOA Projects Administrator; Ms HAUTAMÄKI, STOA Scholar; Ms ROSSI, STOA Scholar. There were apologies from the Secretariat of the Committee on the Rules of Procedure.

**Contractor:** Mr SUTTER, Bureau Van Dijk, Paris, France

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

A questionnaire in English and French was distributed.

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

## OTHER STOA INFORMATION

- ☐ STOA is sad to announce that Mr Jonathan SHIN has left the Team. We wish him all the best for the future.
- ☐ STOA is however glad that Ms Julia LUEGINGER, a British Ramón y Cajal Scholar with a degree in human biology, has joined the Team in Brussels.

---

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 (GNSSI)	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) Culture/Youth

Mr David BOWE (UK, PSE) Environment/Public Health

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

Mr Guido PODESTÀ (I, PPE) Vice-President of the EP

#### **MEMBERS**

Mr Leo TINDEMANS	(B, PPE)	Foreign Affairs, Security
Mr Lutz GOEPEL	(D, PPE)	Agriculture
.....	(.....)	Budgets
Mr Fernand HERMAN	(B, PPE)	Economic and Monetary Affairs
Mr Rolf LINKOHR	(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 WIJSENBECK	(NL, ELDR)	Rules of Procedure
Mrs Eryl McNALLY	(UK, PSE)	Women's Rights
Mr Felipe CAMISÓN ASENSIO	(ES, PPE)	Petitions

#### **SUBSTITUTES**

Mr Joe WILSON	(UK, PSE)	Agriculture
Mr Esko Olavi SEPPÄNEN	(FIN, GUE/NGL)	Budgets
Mr Franco MALERBA	(I, PPE)	Economic and Monetary Affairs
Mr Christof TANNERT	(D, PSE)	Research/Energy
Mrs Elly PLOOIJ-VAN GORSEL	(NL, ELDR)	External Economic Relations
Mr Julio AÑOVEROS TRIAS DE BES	(E, PPE)	Legal Affairs
Mr Friedrich WOLF	(D, V)	Social Affairs and Employment
Mr Jaime VALDIVIELSO DE CUÉ	(E, PPE)	Regional Policy
Mr Ulrich STOCKMANN	(D, PSE)	Transport and Tourism
Mr Hans-Peter LIESE	(D, PPE)	Environment
Mr Aldo ARRONI	(I, PPE)	Culture/Youth
Mr Bernd POSSELT	(D, PPE)	Civil Liberties and Internal Affairs
Mr Jonas SJÖSTEDT	(SV, GUE/NGL)	Institutional Affairs
Mr James PROVAN	(UK, PPE)	Fisheries
Mrs Renate HEINISCH	(D, PPE)	Women's Rights

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

**Directorate-General for Research, Directorate A, Division for Environment, Energy, Research and STOA**

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>			
HOLDSWORTH, Dick	Head of Unit	4300-22511 28-43747	SCH 4/61 LEO 6D112
SOSA IUDICISSA, Marcelo	Projects Administrator	28-43962	LEO 6D46
WEIWERS, 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 4/106
MOURAO TAPADA, Paolino	Stagiaire secretariat	4300-24226	SCH 4/59
OVERSTALL, John	Principal Administrator, Budget	4300-22618	SCH 6/07
CORDÓN RODRÍGUEZ, Ana María	Ramón y Cajal Scholar, Chemist	28-42377	LEO 6DBIB
DANTE, Roberta	Visiting Researcher, Aeronautical engineer	28-43571	LEO 6D108
HAUTAMÄKI, Anne Kaarina	Visiting Researcher, Lawyer	4300-23923	SCH 4/57
LUEGINGER, Julia	Ramón y Cajal Scholar, Human biologist	28-43962	LEO 6D46
LOUDIN, Philippe	Visiting Researcher, Biochemist (water)	4300-24226	SCH 4/59
ROSSI, Laura	Ramón y Cajal Scholar, Environmental scientist	4300-24342	SCH 4/62
TOSSI, Giorgia	Ramón y Cajal Scholar, Industrial chemist	4300-23596	SCH 4/59
VIGNERON, Patricia	Visiting Researcher, Environmental engineer	4300-23923	SCH 4/57
ZIANGA, Fotini	Visiting Researcher, Civil engineer	28-42377	LEO 6DBIB

	Fax Numbers	Phone Numbers	Addresses
<b>Luxembourg</b> (+352)	4300.22418 or 4300.24167	4300.22511 or 4300.22623	Schuman Building L-2929 Luxembourg
<b>Brussels</b> (+322)	284.9059	284.3747 or 284.3748	Leopold Building 60, rue Wiertz B-1047 Bruxelles
<b>Strasbourg</b> (+33)	388.17.9040	388.17.2259 or 388.17.4712	Palais Building (Offices 2078 - 2079) F-67070 Strasbourg

**E-mail addresses**

LUX: rholdsworth@europarl.eu.int  
 BXL: msosa@europarl.eu.int  
 or: ksercu@europarl.eu.int  
<http://www.europarl.eu.int/dg4/stoa/en/default.htm>

## **STOA PROGRAMME**

### **EUROPEAN PARLIAMENT DIRECTORATE-GENERAL FOR RESEARCH DIRECTORATE A**

**SCHUMAN 4/61  
L-2929 LUXEMBOURG**

**TEL. 352/4300.22511  
FAX 352/4300.22418  
E-MAIL [rholdsworth@europarl.eu.int](mailto:rholdsworth@europarl.eu.int)**

**LEOPOLD 6D110  
60, RUE WIERTZ  
B-1047 BRUXELLES**

**TEL. 32/2/284.3748  
FAX 32/2/284.9059  
E-MAIL [ksercu@europarl.eu.int](mailto:ksercu@europarl.eu.int)**