



STOA NEWSLETTER

European Parliament - Directorate-General for Research - Directorate A
May 2000

JUN 20 2000

European Commission Delegation
Library
2500 M Street, NW
Washington, DC 20037

STOA Workplan 2000 fully approved

All 18 projects adopted by the STOA Panel have now also been approved by the Bureau of the European Parliament. The last three received their approval at the Bureau meeting of 3 May 2000.

'Linguistic Diversity on the Internet' and 'Global Navigation Satellite System GNSS' - Final Studies available now

The above mentioned Final Studies are available at the STOA Panel meeting of 18 May 2000 in Strasbourg.

STOA welcomes new staff

Last month's Newsletter failed to do justice to one of STOA's newest staff: Cristina HELLARA. Cristina, a native of Andalucia, joined STOA from the University of Salamanca and will be with us for the coming year, based in Brussels. Together with Graham and Theo, she makes up the STOA "triumvirate" responsible for the annual Workplan and the running of the STOA Team. Christina accompanied Graham and the STOA delegation to the JRC at Ispra. Photos of the visit and the joint Press Release appear later.

Strasbourg, 18 May 2000

PE 289.880

EN

EN

Cataloguing data:

Title: STOA Newsletter

Publisher: European Parliament
Directorate General for Research
Directorate A
STOA

Editors: Mr Graham CHAMBERS, Head of STOA Unit
Editorial assistant, Mrs Jackie WEIERS

Date: May 2000

PE number: PE 289.880

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

□ **STOA Members visit JRC in Ispra**

On 5 May Prof. TRAKATELLIS, Chairman of the STOA Panel, accompanied by Mrs LANGENHAGEN, Mr RÜBIG, Mr SPERONI and Mr CHAMBERS and Mrs HELLARA of the STOA secretariat were welcomed at the JRC in Ispra by Mr ALLGEIER, Director-General of the European Commission's Joint Research Centre.

Press release - JRC, ISPRA 5th May 2000.

A delegation from the European Parliament visits the Joint Research Centre

A delegation of Members of the European Parliament visited the Joint Research Centre at Ispra today, on the invitation of Herbert Allgeier, the Director-General.

The delegation, comprising members of the STOA (Science and Technology Options Assessment) Panel was headed by Professor A. Trakatellis, Chairman of the STOA Panel and included Mrs. Langenhagen, Mr. Rübig and Mr. Speroni.

The delegation saw developing aspects of the JRC's support of EU legislation in health and consumer protection, assessment of chemical hazards, environment, and EU-wide information exchange.

Members noted the role of the JRC in defining and monitoring the standards set by Parliament and Council legislation and in creating methodologies for the detection and prevention of fraud particularly in agriculture, health, environment and consumer protection.

Especially interesting in the light of BSE and various food scandals were methods for detecting the presence of animal protein in animal feed for herbivores and the presence of genetically modified organisms in basic foodstuffs.

The delegation emphasised the changing but indispensable role of the JRC in working for the European Union as a whole.

It advocated increased co-operation on technical and scientific matters of mutual concern to Parliament and the Commission and noted the importance of the JRC to the region and to the many networking research centres, in both the EU and the candidate countries.

Both parties expressed satisfaction with the visit and exchange of views and look forward to further cooperation between the JRC and the European Parliament.



- **Presentation on 'Women professionals in the media'**
 Mrs FORCELLA of TESEO, Bergamo, Italy, gave a presentation on the 99/19/01 STOA study on 'Women professionals in the media in the context of new technological developments' at the meeting of the Committee on Women's Rights and Equal Opportunities on Monday, 17 April, in Brussels.
- **Presentation on 'Silicones'**
 Mr MARTÍN-MORENO of the Spanish School of National Health, Madrid, will be giving a presentation on the 99/20/02 study on 'Health risks posed by silicone implants in general, with a special attention to breast implants' at the meeting of the Committee on Petitions on Tuesday, 23 May, at approx. 10.30 in Brussels (room P4B01).
 Other interested EP committees have also received invitations.

- **Presentation at next STOA Panel meeting**
Mr KALLIS of ERN, Athens, Greece, has been invited to give a presentation of his study 99/05/02 'Use of new technologies and cost of water management in view of the new water directive of the EU' at the next STOA Panel meeting on 15 June in Strasbourg (room SDM7)

WORKING DOCUMENTS, STUDIES, PAPERS, BRIEFS

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

Workplan 1999

- **TECHNOLOGICAL OPTIONS FOR A COMMUNITY STRATEGY FOR A SYSTEM OF NAVIGATION BY SATELLITE (GNSS)**
Rodney FEWINGS, INECO, Cranfield College of Aeronautics, UK
Final Study, Working document for the STOA Panel, Workplan 1999 - 99/10/01, EN, May 2000, PE168.392/Fin.St./EN
- **LINGUISTIC DIVERSITY ON THE INTERNET**
Tom MORING, European Bureau for Lesser Used Languages, Brussels, Belgium
Final Study, Working document for the STOA Panel, Workplan 1999 - 99/12/01, EN, May 2000, PE289.662/Fin.St./EN
- **CROWD CONTROL TECHNOLOGIES (An appraisal of technologies of political control)**
Steve WRIGHT, Omega Foundation, Manchester, UK
Draft Final Study, Working document for the STOA Panel, Workplan 1999 - 99/14/01/A, EN, May 2000, PE 168.394/Draft.Fin.St.A + 168.394 Technical Annex / EN
- **HEALTH RISKS POSED BY SILICONE IMPLANTS IN GENERAL, WITH A SPECIAL ATTENTION TO BREAST IMPLANTS,**
José MARTÍN-MORENO, National School of Public Health, Madrid, Spain
Final Study, Working document for the STOA Panel, Workplan 1999 - 99/20/02, EN, May 2000, PE168.396/Fin.St.
- **PHYSIOLOGICAL AND ENVIRONMENTAL EFFECTS OF ELECTROMAGNETIC RADIATION**
Jean-Pierre CHEVALIER and Jean-Pierre HUSSON, Epsilon Europe, Paris, France
Draft Final Study, Working document for the STOA Panel, Workplan 1999 - 99/INDU/01, EN, May 2000, PE168.399/Draft Fin.St./EN

- ☐ **DIOXINS AND PCBs: ENVIRONMENTAL AND HEALTH IMPACTS**
Alexander POTRYKUS, IRCE, Munich, Germany
Draft Final Study, Working document for the STOA Panel, Workplan 1999 - 99/ENVI/01, EN, May 2000, PE168.400/Draft.FinSt./EN
- ☐ **THE ETHICAL IMPLICATIONS OF RESEARCH INVOLVING HUMAN EMBRYOS**
Tony McGLEENAN, Queen's University, Belfast, UK
Draft Final Study, Working document for the STOA Panel, Workplan 1999 - 99/INDU/02, EN, May 2000, PE289.665/Drft.St./EN
- ☐ **EUROPEAN POLICY ON FOOD SAFETY**
Interim Study, Working document for the STOA Panel, Workplan 1999 - 99/INDU/ENVI/03, EN, May 2000, PE292.026/Int.St.
- ☐ **THE IMPACT OF ELECTRONIC COMMERCE ON THE COMPETITIVENESS OF SMEs IN THE EUROPEAN UNION**
Interim Study, Working document for the STOA Panel, Workplan 1999 - 99/JURI/02, EN, May 2000, PE292.025/Int.St.

Workplan 2000

- ☐ **DEVELOPING COUNTRIES AND THE ICT REVOLUTION**
Project Brief, Workplan 2000 -00/C14 -DEVE/01/PB01, EN, May 2000
- ☐ **ECOLOGICAL FOOTPRINTING**
Project Brief, Workplan 2000 -00/C09-ENVI/03, EN, May 2000
- ☐ **THE CONSEQUENCES OF ENLARGEMENT ON EU AGRICULTURE**
Project Brief, Workplan 2000 -00/C10-AGRI/01, DE, March 2000

Also available are the following briefing notes by STOA Scholars:

- ☐ **ELECTROMAGNETIC INCOMPATIBILITY**, WIP 2000/05/125, PE 296.027

PROJECT STEERING GROUPS

The following Project Steering Groups (PSG) will be meeting:

- ☐ **00/C13-CULT/02 - Communications, culture and access to new information resources.**
A Project Steering Group meeting with Mr VANDER TAELEN, MEP, is planned on 23 May in Brussels.

**The following Project Steering Groups (PSGs) have held meetings in the past months:
Workplan 2000**

- ☐ **00/C10-AGRI/01 - The consequences of enlargement on EU agriculture**
Date/place: 19 April 2000, Brussels
Participants included: Mr EMMES, Assistant to Mr Graefe zu Baringdorf;
Mr COLLANDER, ELDR Group secretariat; Mr KARAPIPERIS, Deputy Head of STOA;
Mr DRATWA, STOA Scholar.
Main outcomes: Agreement on project scope and timing on the basis of a Project Brief
For more information please contact: Theo KARAPIPERIS

- ☐ **00/C14-DEVE/01 - Developing countries and the ICT revolution**
Date/place: 10 May 2000, Brussels
Participants included: Mr WIJLMAN, MEP; Mr ERICSSON, Assistant to Mr Wijkman;
Mr KALB, DGII/DEVE Committee secretariat; Mr TINCANI, EC/DG Development;
Mr KARAPIPERIS, Deputy Head of STOA; Ms HELLARA, STOA; Mr DRATWA, STOA
Scholar
Main outcomes: Agreement on project scope and timing on the basis of a Project Brief
For more information please contact: Theo KARAPIPERIS

OTHER STOA INFORMATION

- ☐ STOA is glad to announce that the following Ramón y Cajal Scholars have joined the Team in Luxembourg: Ramin PARSA-PARSI, an Irano-German medical doctor, and Graziella IOSSA, an Italian Naturalist.

- ☐ STOA is however sad to announce that the following have left the Team: Isabel ROMERO DE CÓRDOBA, Adam HILTON and Teresa PIBERNAT. We wish them all the best for the future.

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).

STOA WORKPLAN 2000 - SUMMARY

Projects adopted at the STOA Panel meetings of 20 January, 17 February and 16 March 2000
and approved by the Bureau of the European Parliament at its meetings of 1 March and 3 May
2000

Committee <i>CHAIRMAN/Head of Division</i>	Project title	Member(s) responsible
01-AFET <i>E. BROK C. Huber</i>	01/01-New technologies in defence policy and conflict management: A challenge for the EU	Mr MORILLON Mrs LALUMIÈRE Messrs LAGENDIJK and GAHRTON
05-ECON <i>C. RANDZIO-PLATH J.L. Berton</i>	05/01-Technological feasibility of reducing the costs of small cross-border credit transfers (CBCTs) within the euro-zone	Mrs RANDZIO-PLATH
06-JURI <i>A. PALACIO H.P. Schiffauer</i>	06/01-Security technologies for digital media	Mr HARBOUR
	99/JURI/02(*)-The impact of electronic commerce on the competitiveness of SMEs in the EU	Mr HARBOUR
07-ITRE <i>C. WESTENDORP L. Martin-Oar</i>	07/02-Environmental and health impact of aviation	Mrs LUCAS
09-ENVI <i>C. JACKSON F. Jacobs</i>	09/01-Microbiological threats to food	Mr TRAKATELLIS
	09/02-A European health card	Mr TRAKATELLIS
	09/03-Ecological footprinting	Mr DE ROO
	09/04-Neurotoxicology of environmental pollutants	Mr NISTICO
	99/ENVI/01(*)-Recycled cooking oils: Assessment of risks for public health	Mr TRAKATELLIS
10-AGRI <i>F. GRAEFE G. Comini</i>	10/01-The consequences of enlargement on EU agriculture	Mr GRAEFE zu BARINGDORF
12-RETT <i>K. HATZIDAKIS F. Wiehler</i>	12/01-Meeting demand for sustainable transport and transport infrastructure in the enlarged EU	Mr COSTA
13-CULT <i>G. GARGANI M. Houben</i>	13/01-Globalisation of the media industry and possible threats to cultural diversity	Mr GRAÇA MOURA
	13/02-Communications, culture and access to new information resources: An assessment of cultural and technological obstacles to Europe's transformation into an information society	Mr VANDER TAELEN
	13/04-Technological requirements in architectural and archeological restoration	Mrs GUTIERREZ-CORTINES

Committee CHAIRMAN/Head of Division	Project title	Member(s) responsible
14-DEVE J. MIRANDA G. Friedel	14/01-Developing countries and the ICT revolution	Mr WIJKMAN
	14/02-Technology cooperation in the field of environmentally sound technologies	Mr WIJKMAN
17-PETI V. GEMELLI E. Boaretto	17/01-Comparative study on possibly toxic effects resulting from the reprocessing plants at Cap La Hague and Sellafield	

(*) Projects already approved at the Panel meeting of 19 October 1999 being executed under the 2000 budget

<p>AFET: Foreign Affairs, Human Rights, Common Security and Defence Policy</p> <p>BUDG: Budgets</p> <p>BUDC: Budgetary Control</p> <p>LIBE: Citizens' Freedoms and Rights, Justice and Home Affairs</p> <p>ECON: Economic and Monetary Affairs</p> <p>JURI: Legal Affairs and the Internal Market</p> <p>ITRE: Industry, External Trade, Research and Energy</p> <p>EMPL: Employment and Social Affairs</p>	<p>ENVI: Environment, Public Health and Consumer Policy</p> <p>AGRI: Agriculture and Rural Development</p> <p>PECH: Fisheries</p> <p>RETT: Regional Policy, Transport and Tourism</p> <p>CULT: Culture, Youth, Education, the Media and Sport</p> <p>DEVE: Development and Cooperation</p> <p>AFCO: Constitutional Affairs</p> <p>FEMM: Women's Rights and Equal Opportunities</p> <p>PETI: Petitions</p>
---	---

STOA Workplan 1999: Table of projects

NOTICE: The numbering of the projects is based on the Committee Number in the way they were named and listed during the out-going EP in June 1999.

<i>Committee</i>		<i>Project title</i>	<i>Member(s) responsible</i>
03/01	Budgets	Cost-benefit analysis of EU research and technological development programmes	SAMLAND, WYNN
04/01	Economic	Economic aspects of the development of technologies for the waste treatment industry	VON WOGAU, MALERBA
05/02	Research	Genetically-modified food: Objectives for EU funded research and development	SCAPAGNINI, ADAM
05/02		Use of new technologies and cost of water management in view of the new water directive of the EU	SCAPAGNINI, ESTEVAN BOLEA
06/01	External economic	The impact of rapid technological change in information technology on the stability of world trade and international capital flows	HERZOG, SEPPÄNEN
07/01	Legal	New technologies for the marketing and sale of medicines on the Internet and television networks	DE CLERCQ, MOSIEK-URBAHN
10/01	Transport	Technological options for a community strategy for a system of navigation by satellite (GNSS)	BAZIN, LANGENHAGEN
12/01	Culture	Linguistic diversity on the Internet: Assessment of the contribution of machine translation	PEX, ROBLES PIQUER
13/01	Development	Evaluation of agricultural or other technologies fighting against hunger and poverty	ROCARD, ROBLES PIQUER
14/01	Civil liberties	Crowd control and prison technologies (An appraisal of technologies of political control)	D'ANCONA, FORD
19/01	Women's rights	Women professionals in the media in the context of new technological developments	HAUTALA, McNALLY, HEINISCH
20/01	Petitions	Personal protective equipment at work	FONTANA, CAMISÓN ASENSIO
20/02		Health risks posed by silicone implants	FONTANA, SCHMIDBAUER, MILLER

URGENT ADDITIONAL PROJECTS 1999

Proposals for urgent additional STOA projects made since the European elections of 13 June 1999 by Committees of the newly elected European Parliament and adopted by the new STOA Panel at its meeting of 19 October 1999 in Brussels

NOTICE: The numbering of the projects is based on the Committee Number in the way they were named and listed after the elections of the EP in June 1999.

Committee Ref. n°	PROJECT TITLE
JURI 01	Digital technology evolution and its impact on the EU entertainment and media sectors
JURI 02	The impact of electronic commerce on the competitiveness of SMEs in the European Union
INDU 01	Physiological and environmental effects of electromagnetic radiation
INDU 02	Ethical implications of research involving human embryos
INDU/ENVI 03	European policy on food safety
ENVI 01	Recycled cooking oils: Assessment of risks for public health
ENVI 02	Dioxins and PCBs: Environment and health effects

STOA Panel

STOA Bureau

Antonios TRAKATELLIS, Chairman

David BOWE, Vice-Chairman

Yves PIÉTRASANTA, Vice-Chairman

Alejo VIDAL-QUADRAS ROCA, Vice-President of the EP, Member ex-officio of the STOA Bureau

	Committee	STOA Panel Member	STOA Panel Substitute
01	AFET	Philippe MORILLON (FR, PPE)	Francesco SPERONI (IT, TDI) Pedro MARSET CAMPOS (ES, GUE/NGL)
02	BUDG	Alejo VIDAL-QUADRAS ROCA (ES, PPE)	
03	CONT	Brigitte LANGENHAGEN (DE, PPE)	
04	LIBE	Christian VON BÖTTICHER (DE, PPE)	Glyn FORD (UK, PSE)
05	ECON	Alain LIPIETZ (FR, Greens/EFA)	Ioannis MARINOS (GR, PPE)
06	JURI	Malcolm HARBOUR (UK, PPE)	
07	ITRE	Paul RÜBIG (AU, PPE) Eryl McNALLY (UK, PSE)	Elly PLOOIJ-VAN GORSEL (NL, ELDR) Yves PIÉTRASANTA (FR, Greens/EFA) Konstantinos ALYSSANDRAKIS (GR, GUE/NGL)
08	EMPL	Pierre JONCKHEER (BE, Greens/EFA)	
09	ENVI	Antonios TRAKATELLIS (GR, PPE) David BOWE (UK, PSE)	Emilia MÜLLER (DE, PPE) Minerva MALLIORI (GR, PSE)
10	AGRI	Friedrich GRAEFE ZU BARINGDORF (DE, Greens/EFA)	
11	PECH	Dominique SOUCHET (FR, UEN)	
12	RETT	Per STENMARCK (SV, PPE)	Brian SIMPSON (UK, PSE)
13	CULT	Cristina GUTIÉRREZ-CORTINES (ES, PPE)	Christa PRETS (AU, PSE)
14	DEVE	Anders WIJMAN (SV, PPE)	

15	AFCO	Johannes VOGGENHUBER (AU, Greens /EFA)	
16	FEMM	Lissy GRÖNER (DE, PSE)	Maria AVILES-PEREA (ES, PPE)
17	PETI	Jean LAMBERT (UK, Greens/EFA)	Roy PERRY (UK, PPE)

ONLY THE MEMBERS NAMED ABOVE HAVE THE **RIGHT TO VOTE** AT THE
STOA PANEL MEETINGS WHICH ARE HELD EVERY THURSDAY OF STRASBOURG PART-SESSIONS.

AFET:	Foreign Affairs, Human Rights, Common Security and Defence Policy	ENVI:	Environment, Public Health and Consumer Policy
BUDG:	Budgets	AGRI:	Agriculture and Rural Development
BUDC:	Budgetary Control	PECH:	Fisheries
LIBE:	Citizens' Freedoms and Rights, Justice and Home Affairs	RETT:	Regional Policy, Transport and Tourism
ECON:	Economic and Monetary Affairs	CULT:	Culture, Youth, Education, the Media and Sport
JURI:	Legal Affairs and the Internal Market	DEVE:	Development and Cooperation
ITRE:	Industry, External Trade, Research and Energy	AFCO:	Constitutional Affairs
EMPL:	Employment and Social Affairs	FEMM:	Women's Rights and Equal Opportunities
		PETI:	Petitions

Directorate-General for Research, Directorate A, Division for Industry, Research and Energy			
CIOFFI, Enrico	Director-General	4300-22535	SCH 06A011
SIL VESTRO, Massimo	Director	4300-22902	SCH 06B023
.....	Head of Division	4300-22558	SCH 06B001
STOA Unit			
CHAMBERS, Graham	Head of Unit	4300-22511 28-43747	SCH 04A034 ASP 06D112
KARAPIPERIS, Theo	Administrator	28-43812	ASP 06D046
HELLARA, Cristina	National expert	28-43571	ASP 06D108
WEIWERS, Jackie	Secretary	4300-22623	SCH 04A033
SERCU, Karin	Secretary	28-43748	ASP 06D055
MARTINSSON, Marianne	Secretary	28-42844	ASP 06D048
SCHAERLAEKEN, Frans	Secretariat	4300-23942	SCH 04A035
JOLLY, Emmanuelle	Secretary Stagiaire	4300-24226	SCH 04A032
BOLOTTI, Fabio	Ramón y Cajal Scholar, Aerospace engineer	4300-22291	SCH 04A031
HOPPER, Eva	Ramón y Cajal Scholar, Electronics engineer	4300-22027	SCH 04A030
IOSSA, Graziella	Ramón y Cajal Scholar, Natural scientist	4300-23596	SCH 04A032
PARSA-PARSI, Ramin	Ramón y Cajal Scholar, Medical doctor	4300-23923	SCH 04A030
SALVA-GARAU, Beatriz	Ramón y Cajal Scholar, Computer scientist	4300-24226	SCH 04A032

	Fax Numbers	Phone Numbers	Addresses
Luxembourg (+352)	4300.22418 or 4300.24167	4300.22511 or 4300.22623	Schuman Building L-2929 Luxembourg
Brussels (+322)	284.9059 or 284.4980	284.3747 or 284.3748	Altiero Spinelli Building 60, rue Wiertz B-1047 Bruxelles
Strasbourg (+33)	388.17.9040	388.17.2259 or 388.17.2645 or 388.17.4712	Salvador de Madariaga Building (Offices 701 - 702) F-67070 Strasbourg
E-mail addresses	LUX: gchambers@europarl.eu.int BXL: tkarapiperis@europarl.eu.int		
URL-address	http://www.europarl.eu.int/dg4/stoa/en/default.htm		

**EUROPEAN PARLIAMENT
DIRECTORATE-GENERAL FOR RESEARCH
DIRECTORATE A
STOA PROGRAMME**

**SCHUMAN 04A034
KIRCHBERG
L-2929 LUXEMBOURG**

**TEL. 352/4300.22511
FAX 352/4300.22418
E-MAIL gchambers@europarl.eu.int**

**ALTIERO SPINELLI 06D055
60, RUE WIERTZ
B-1047 BRUXELLES**

**TEL. 32/2/284.3748
FAX 32/2/284.9059
E-MAIL ksercu@europarl.eu.int**