



COST

European Cooperation
in the Field of Scientific
and Technical Research

Participation of Switzerland

Annual Report 2008



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Home Affairs FDHA
State Secretariat for Education and Research SER

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Contents

Introduction	5
Swiss participation in COST in 2008	5
COST at international level in 2008	9
Swiss Delegates in the Domain Committees (DC)	13
Running Actions with Swiss participation and their Swiss Delegates (=Coordinators) in the Management Committee (MC) of the respective Action	14
- Information and Communication Technologies (ICT)	14
- Transport and Urban Development (TUD)	15
- Materials, Physical and Nanosciences (MPNS)	16
- Earth System Science and Environmental Management (ESSEM)	17
- Food and Agriculture (FA)	18
- Individuals, Societies, Cultures and Health (ISCH)	19
- Biomedicine and Molecular Biosciences (BMBS)	20
- Chemistry and Molecular Sciences and Technologies (CMST)	21
- Forest, Their Products and Services (FPS)	22
- Other	23
COST Actions in preparation by Switzerland	24
Table 1: Financial commitments 2008 per COST-Domain and contract	26
Table 2: Payments in 2008 per Domain	34

Introduction

In 2008, discussions at international level were focussed mainly on the future legal status of COST. Will the intergovernmental structure of COST still be the best structure to meet the challenges, once the 7th EU Framework Programme period is over? How should COST be positioned within the European Research Area to ensure that it plays a major role in the implementation of the EU's Vision 2020 for the European Research Area? A strengthening of COST within the European Research Area (ERA) would encourage Swiss researchers to use the ERA even more extensively, which would lead to a subsequent strengthening of Switzerland as a research location.

For COST Switzerland, 2008 went smoothly and was spent consolidating past achievements. COST Switzerland was mainly involved in supporting research projects and applicants in the Open Call as well as in providing information about COST to the public at large.

This annual report gives details on COST Switzerland, COST at international level, the Swiss representation in various technical committees and Swiss participation in COST Actions.

For further information on Swiss involvement in COST we refer to the COST CDROM which may be downloaded from the SER Web site.

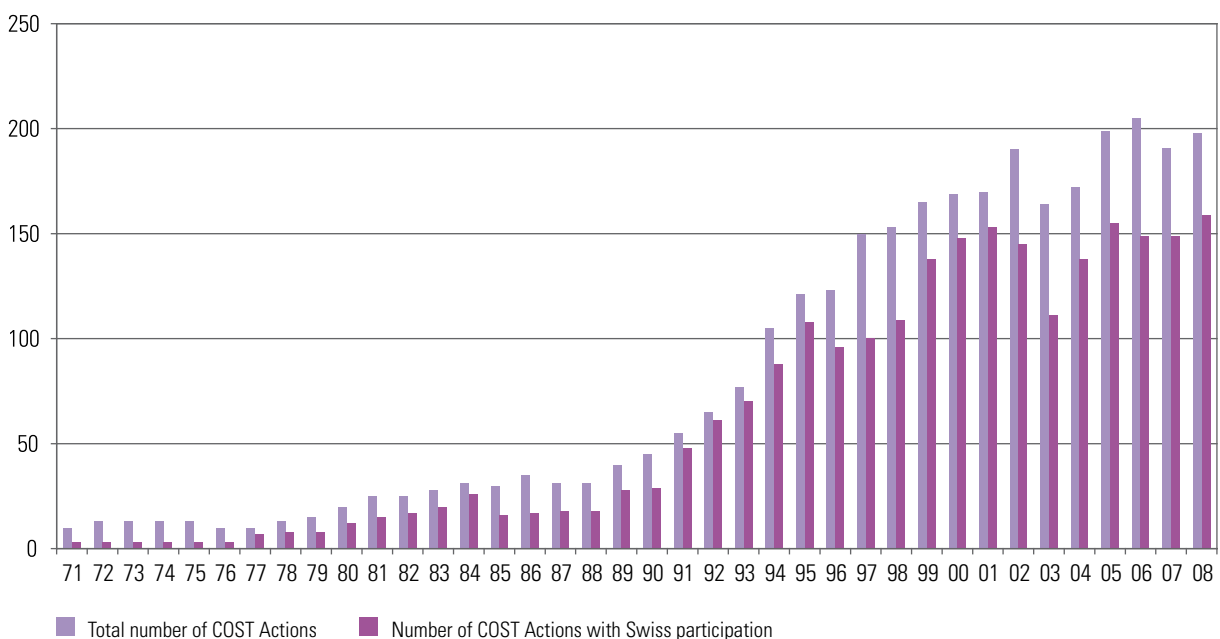
Swiss participation in COST in 2008

Participation in new COST Actions

The Committee of Senior Officials (CSO) approved 55 new COST Actions in 2008. Six of these new Actions were the result of Swiss proposals (TU0801, BM0803, FA0803, ES0806, FP0803, MP0803) and are under Swiss chairmanship. Presently, a total of 20 COST Actions originating from Swiss proposals are active.

In 2008, Switzerland joined 47 COST Actions, which had been approved by the CSO in 2007 or 2008. On 31 December 2008, Switzerland was involved in 159 of the 198 ongoing Actions (Figure 1).

Figure 1: Number of COST Actions since 1971



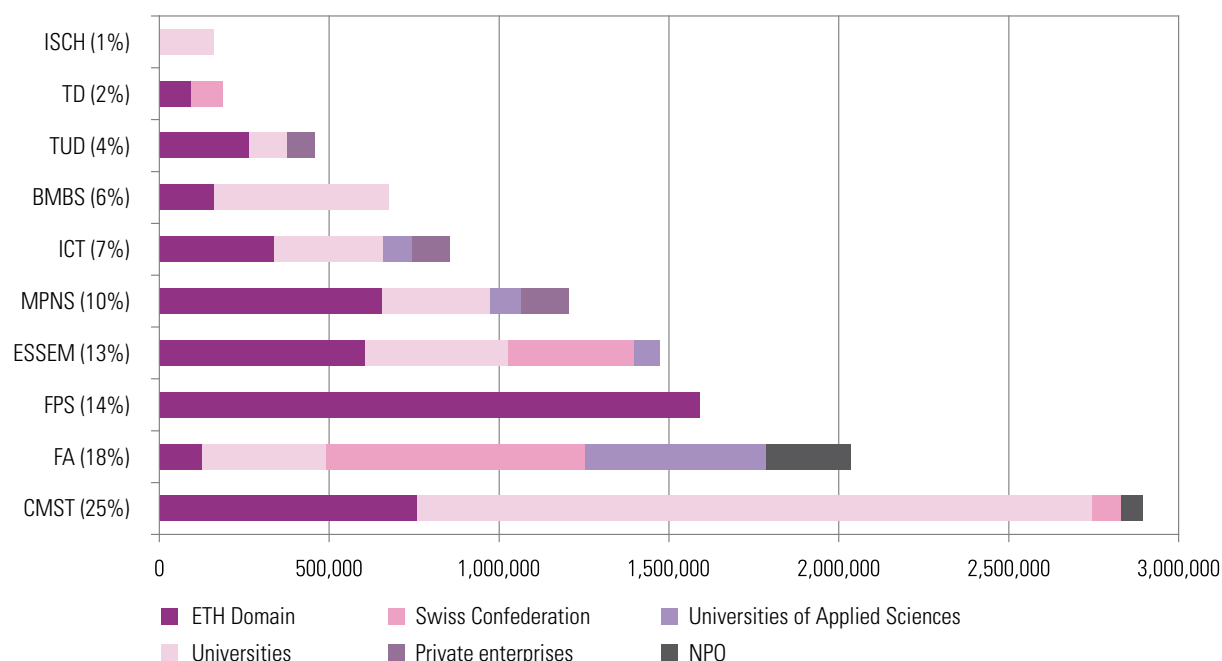
Commitment credit

The new commitment credit for the period 2008 – 2011 stands at CHF 28 million. Of this total, CHF 11.6 million was already allocated in 2008.

The statistical tables on the commitment credit show the funds that were allocated in 2008. The data on individual commitments is presented by domain in Table 1.

This table shows that most of the commitments over CHF 1.5 million each went to three areas: Chemistry and Molecular Sciences and Technologies (CMST); Food and Agriculture (FA); Forests, their Products and Services (FPS). Commitments over CHF 1 million went to: Earth System Sciences and Environmental Management (ESSEM); Material, Physical and Nanosciences (MPNS) (see Figure 2 and Table 1).

Figure 2: Distribution of commitments by type of institution and scientific domain in 2008 (total CHF 11.55m)



COST is primarily an instrument for tertiary level institutions (Figure 3): 40% of the commitments went to the ETH Domain and 36% went to cantonal universities. Swiss universities of applied sciences secured a 7% share of the commitments allocated in 2008. The Swiss government’s research institutes (e.g. Agroscope, MeteoSwiss, etc.) received 11% of the commitments allocated in 2008 and the private sector received 6%.

Within the ETH domain (Figure 4), commitments were allocated as follows: ETH Zurich (33%); EPF Lausanne (22%); the Federal Institute for Forest, Snow and Landscape Research in Birmensdorf (WSL) (23%); and the Swiss Federal Laboratories for Materials Testing and Research (EMPA) (15%).

Most of the commitments to cantonal universities in 2008 (Figure 5) were allocated to western Switzerland: University of Geneva (42%), University of Lausanne (12%) and University of Fribourg (11%); In the German-speaking part of Switzerland, the University of Zurich and the University of Bern each received a 15% share of the total commitments allocated in 2008.

Figure 3: Distribution of commitments by type of institution in 2008 (total CHF 11.55m)

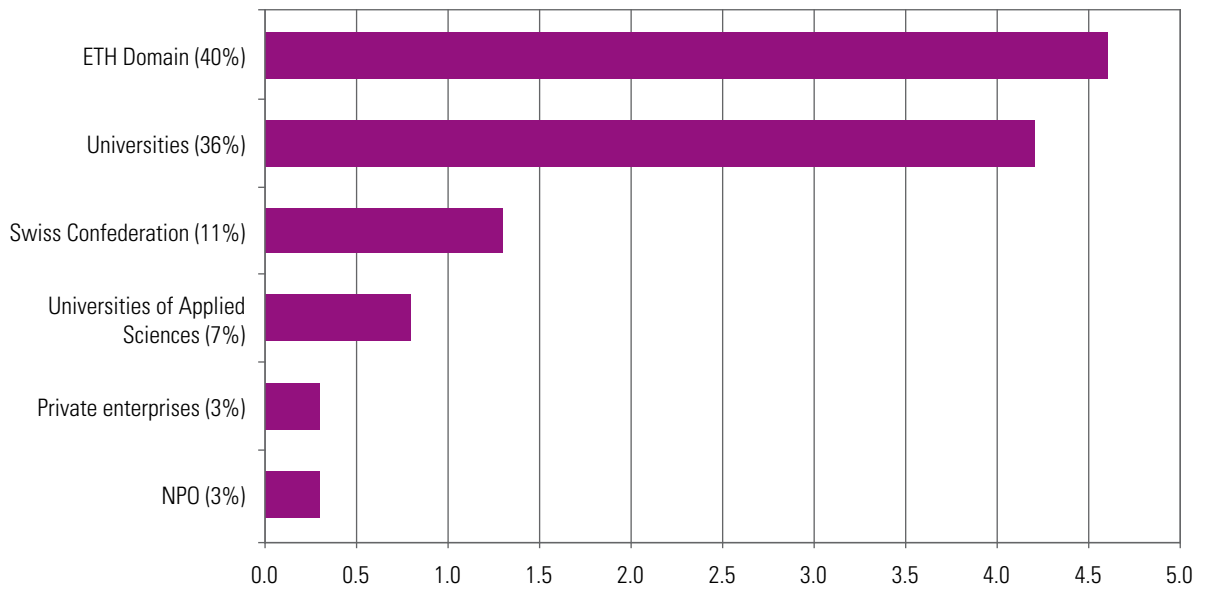


Figure 4: Commitments in 2008: distribution within the ETH Domain (total CHF 4.6m)

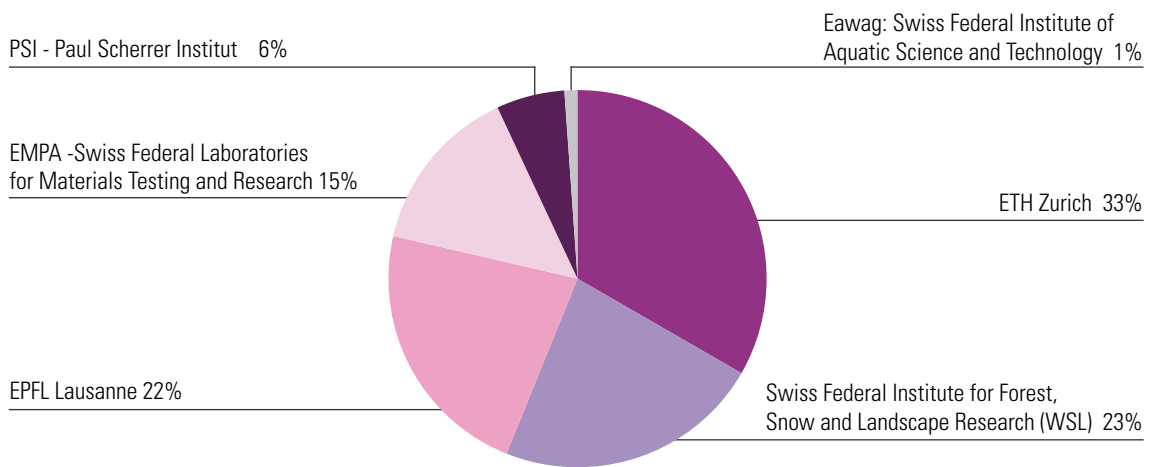
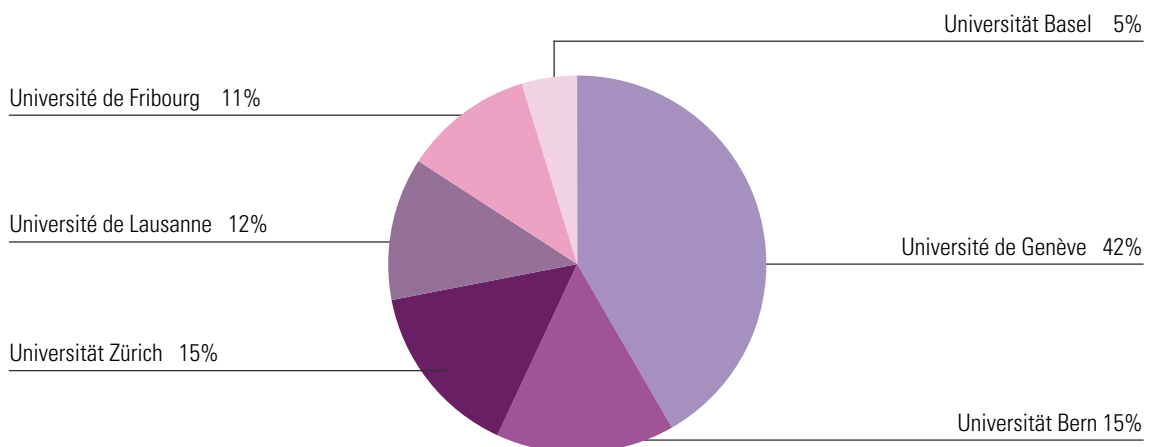


Figure 5: Commitments in 2008: distribution among the universities (total CHF 4.2m)

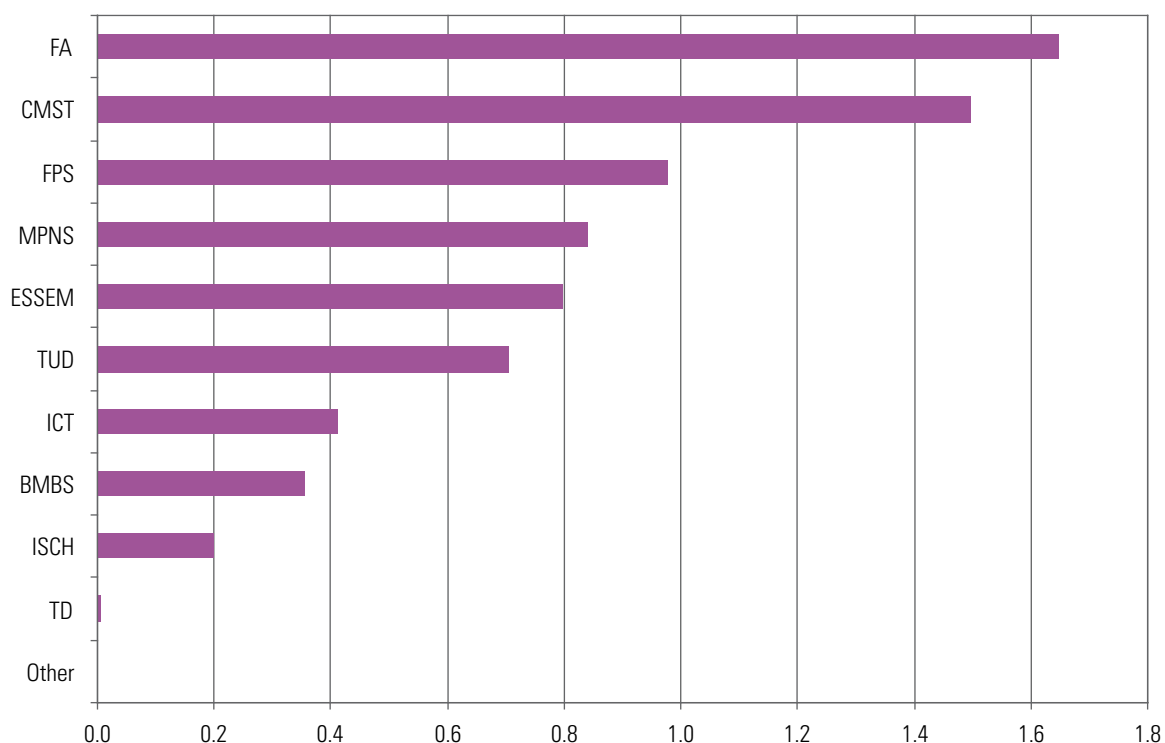


Budget

The 2008 budget amounted to CHF 7.5 million and was fully allocated (Table 2).

Most of the funding went to four main areas: 1) Food and Agriculture (over CHF 1 million), 2) Chemistry and Molecular Sciences and Technologies (over CHF 1 million), 3) Forests, their Products and Services (over CHF 800,000) and 4) Materials, Physical and Nanosciences (over CHF 800,000). Two other areas received over CHF 700,000 each in 2008: 5) Earth System Science and Environmental Management and 6) Transport and Urban Development (see Figure 6).

Figure 6: Payments by scientific domain in 2008 (total CHF 7.5m)



COST events and publications in Switzerland

In 2008, COST was represented at a number of information events to raise the level of awareness of COST activities within the Federal Administration and the Swiss research community. The COST centre of competence at SER cooperates on a regular and efficient basis with the Euresearch information network.

Below is a list of the most important events that COST carried out or was involved in 2008.

- Hosting annual meetings between the Swiss COST domain and management committee representatives of all nine COST domains
- Networking Scientists: COST - European Co-operation in the field of Scientific and Technical Research. Information meeting at the University of Applied Sciences, Fribourg on 6 November 2008.

Publications in 2008:

- Euresearch Info (regular involvement)
- 2007 annual report (570 copies distributed)
- CD-ROM 2008 with scientific short reports, annual report and documentation on COST (600 copies circulated)
- ProClim Flash
- Ticinoricerca April 2008

SER-co-funded COST Action meetings in Switzerland:

- COST 539: Workshop “NanoMetro - Electroceramics from nanopowders produced by innovative methods”, Lausanne, 30-31 January 2008
- COST 854 / 855: National conference COST 854/855 – Transfer of research findings on the theme: “infectious abortion among ruminants”, Lausanne, 6 March 2008
- COST 636: Meeting “Common WG2 and WG4 meeting of COST Action 636 Xenobiotics in the urban water cycle”, Dübendorf, 14-15 April 2008
- COST 860: Last meeting of the COST 860 “Writing up meeting” workshop, Le Sentier, 25-28 August 2008
- COST A29: COST A29 “HOPS” conference, EPF Lausanne, 8-9 September 2008
- COST E50: “Characterisation and application of cell wall macromolecules” workshop, Dübendorf, 27-29 October 2008
- COST 863: “WG1 + WG4 joint meeting : Bioactive compounds in berry fruits: genetic control, breeding, cultivar, analytical aspects and human health”, Zurich, 3-5 December 2008
- COST FP0602: MC meeting and workshop “Enzymatic fiber modification and hydrolysis”, Biel, 4-5 December 2008

Switzerland’s National COST Coordinator also took part in or attended the following events:

- Closing conference for COST Action 219ter (chaired by Switzerland): Switzerland’s National COST Coordinator opened the closing conference for COST Action 219ter, which was held in Brussels on the theme “Ambient assisted living“. This Action is a perfect example of how all stakeholders (e.g. researchers, business leaders, associations and users) are able to work together, which makes the transfer of COST Action research findings to practice possible.

Representatives of four of the European Commission’s Directorate-Generals attended the closing conference and were able to take what they learnt back to their respective institutions. The theme of this COST Action will now be continued as Art. 169 initiative of the EU within the 7th EU Framework Programme.

- Swisscore seminar in Brussels (21 November 2008)

COST at international level in 2008

Committee of Senior Officials (CSO)

- **Legal form of COST:** The CSO had already asked Prof. R. Kneucker (AT) in 2007 to analyse the possibilities of changing COST’s legal status to prepare the way for a corresponding CSO discussion. Prof. Kneucker gave a very clear and concise analysis of how COST developed into the current intergovernmental structure. The CSO took note of this report, which considers the possibility of changing the legal structure of COST after completion of the 7th EU Framework programme period (2007-2013).

The report will be used as a basis for a CSO decision in the spring of 2009 and a COST Ministerial conference, which will take place in the first half of 2010.

The CEO of ESF, Prof. I. Halliday, stated that ESF would be willing to continue acting as an Implementing Agent of the COST Office. Doubts were nevertheless expressed regarding whether the individual ESF member organizations shared this view and whether the independence of COST would be maintained.

In the discussion of the COST structure after 2013, there was a clear preference for two options: “Status Quo” (with slight adjustments), or the creation of a legal personality in the form of a “COST Office Association” under Belgian law. The Swiss delegation expressed its view that any new structure or legal form must maintain the same characteristics and independence that COST currently has. The CSO is expected to reach a decision on the matter in May 2009.

- **New CEO of ESF:** Finnish Prof. Marja Makarow has replaced Prof. B. Anderson (Sweden) as CEO of the European Science Foundation (ESF).
- **Synergies between COST and ESF:** Prof. Makarow gave a presentation of the ESF's instruments and pointed out similarities and differences in both portfolios. Existing synergies in scientific research were also shown. Prof. Makarow described where COST and ESF had established close operational synergies and stated that these synergies were working well. In the IT field, however, the development of COST activities relating to Web sites, electronic management tools, and grant systems has fallen behind schedule because ESF has had to contend with serious IT problems. The Swiss delegation felt that greater efficiencies could be achieved if most of the responsibility for COST's IT infrastructure were transferred to the COST Office. The same comment was made regarding the transfer of responsibilities for human resources to the COST Office.
- **COST Open Call:** The CSO confirmed that until the end of 2010 – in accordance with the COST Guidelines – two collection dates for new COST Actions will be established. This will enable Action proposals to be assessed more efficiently and, more importantly, lead to a quick start of new Actions once the CSO's decision is reached.

In June 2008, the CSO gave final approval to 25 Action proposals from the Open Call 'OC 2007-2'. Four of these Action proposals came from Switzerland.

In the Open Call 'OC 2008-1' (28 March 2008), a total of 386 Action proposals were submitted (sixteen of which, or 4%, came from Switzerland) and examined. Eighty Action proposals were given preliminary approval in May 2008 and applicants were asked to submit a full proposal. The CSO gave final approval to thirty Action proposals in November 2008. Two of these Action proposals came from Switzerland.

In the Open Call 'OC 2008-2' (26 September 2008), a total of 378 Action proposals were submitted (seventeen of which came from Switzerland). Eighty Action proposals (eight of which came from Switzerland) were given temporary approval in January 2009 and applicants were invited to submit a full proposal. The CSO is expected to give final approval to thirty Action proposals at the CSO meeting scheduled to take place on 26-27 May 2009.

- **COST Fund:** The COST Fund covers the CSO's operating costs. The Financial Report 2007 and Budget 2008 were approved. The CSO decided to ask COST member countries to contribute a second instalment of the 5th COST Fund (based on CSO Decision taken on 10-11 March 2003). Switzerland's contribution for this second instalment will be EUR 6,741.- (total Swiss contribution: EUR 26,962.-).
- **COST Guidelines:** COST Guidelines, which were drafted by a CSO working group (which Switzerland's National COST Coordinator took part in), were approved without further need for discussion. This revision of the Guidelines removed any unclear wording from the previous version. A detailed description on how to proceed with "transdomain proposals" is included in the new version. With these COST Guidelines, the tested approach will become a standard procedure. This will ensure that all proposals in all domains will be handled in the same manner.
- **Working Group Guidelines:** in preparation for the upcoming revision of Working Group Guidelines in 2010, the CSO decided to set up a new working group to take over the work from 2009 onwards. This working group is comprised of three representatives of the Domain Committee Chairs and three representatives of the CSO, including Switzerland's National COST Coordinator.
- **COST Office's "Outreach Strategy":** the CSO approved the COST Office's "Outreach Strategy" as a communication and public relations concept. The CSO also approved the corresponding "Outreach Strategy" document drafted by the COST Office. This document presents a detailed description of the COST Office's internal and external activities in the area of information, communication and public relations.

- **Bosnia-Herzegovina membership in COST:** Bosnia-Herzegovina has requested information about COST membership and is interested in taking part in COST Actions. The CSO welcomes this initial step on the part of researchers from Bosnia-Herzegovina to take part in COST Actions.
- **Strategic activities:** The CSO discussed the possibility of expanding COST's strategic activities. COST will therefore work with partners such as ESF, Eureka, JRC, etc. on continued development of the ERA. The planned activities will be implemented through the following instruments: Interdisciplinary Science Initiatives (ISIs), COST Strategic Workshops, COST-ESF Frontiers of Science, COST Science Days and COST- ESF Science Days.
- **Communication between COST Office - CSO:** Informal discussions were held on the role of national COST coordinators as well as on communication between the CSO and the COST Office. It seems that the lack of an electronic push system for COST coordinator information (informing about updates on the Web site, etc.) and the delayed development of electronic working tools (e.g. remote nomination tool, grant system) have led to some problems. The open exchange of views was considered by all to be helpful and will be continued in 2009 if necessary.
- **COST Impact Assessment:** The CSO discussed the first report from a high-ranking panel on the planned "COST - Impact Assessment", which will be included in a Mid-term Evaluation of COST by the EU Commission. The panel presented the criteria that will be used in the evaluation. The Call for Tenders for this evaluation is expected to be launched in 2009.
- **New Actions:** The CSO gave final approval to 25 COST Action proposals from the Open Call OC 2007-2 and 30 COST Action proposals from the Open Call OC 2008-1; six of these Action proposals came from Switzerland.

JAF Group¹

The JAF group met three times in 2008 (13/14 February, 14/15 May, 4/5 November) to prepare for the CSO meetings.

- **Extraordinary extension of COST Actions:** In addition to the usual short-term extensions, COST Action B26 (Obstructive sleep apnoea) has been granted an extraordinary extension of one year in view of the wide-reaching importance of this COST Action. The findings from this COST Action will be used to prepare new European medical guidelines on the issuance of driver's licenses.
- **Participation of research institutes from non-COST member countries:** In the three meetings held in 2008, the JAF Group confirmed that research institutes from Egypt, Albania, Andorra, Argentina, Armenia, Azerbaijan, Australia, Canada, China, Georgia, Japan, Korea, Morocco, Moldavia, New Zealand, Palestinian Authority, Russia, South Africa, Tunisia, USA, Ukraine as well as the European Forest Institute (EFI) and the International Telecommunications Union (ITU) will be taking part in various COST Actions.

¹ This group deals with legal, administrative, financial and strategic questions on behalf of the Committee of Senior Officials (CSO).

Scientific COST Secretariat in Brussels (COST Office)

In 2008 the COST Office published the 2007 annual report and a booklet entitled "About COST 2008". Both publications were sent to all Swiss participants in COST and to a broader public and distributed at various events.

In 2008, the COST Office published 3 issues of the COST Office newsletter, which is distributed to interested parties in Switzerland (Swiss mailshot to 700 addresses).

Outlook 2009 / 2010

- **COST - ESF High Level Group:** a meeting of the High Level Group is planned for February 2009. The meeting will have a broader list of participants: COST Delegation: F. Fedi (IT, Chair), J. Bartzis (GR, Vice-Chair), S. Cairen (SE, former Vice-Chair), E.M.Klaper (CH, former Vice-Chair); M. Gorlicki (FR). ESF Delegation: I. Halliday (UK, Chair), M. Makarow (FR, CSO), M. Kleiner (DE, DFG), L. Maiani (DG former DG CERN), M. Hynes (Ireland, IRCSET); as well as representatives from the European Commission (A. Pauli), COST Secretariat (K. Peippo) and COST Office (M. Grabert). The meeting will be held exclusively for the purpose of discussing continued cooperation with ESF after the 7th EU Framework Programme period is over.

- **Plans for Ministerial Conference 2010:**
A Ministerial Conference will be held in Spain in the first semester of 2010 to discuss the CSO's decision on the future legal form of COST (venue and date are not yet known).

Glossary

COST	European Cooperation in Science and Technology
CSO	Committee of Senior Officials
ERA	European Research Area
ESF	European Science Foundation
ETH	Federal Institutes of Technology (Lausanne and Zurich)
JAF	Executive Group of the CSO
JRC	Joint Research Center
WSL	Federal Institute for Forest, Snow and Landscape Research in Birmensdorf
EMPA	Swiss Federal Laboratories for Materials Testing and Research

COST domains:

BMBS	Biomedicine and Molecular Biosciences
CMST	Chemistry and Molecular Sciences and Technologies
ESSEM	Earth System Science and Environmental Management
FA	Food and Agriculture
FPS	Forests, their Products and Services
ISCH	Individuals, Societies, Cultures and Health
ICT	Information and Communication Technologies
MPNS	Materials, Physical and Nanosciences
TUD	Transport and Urban Development

Swiss Delegates in the Domain Committees (DC)

ICT – COST Domain: Information and Communication Technologies

Ansorge Michael, University of Applied Sciences Western Switzerland, College of Engineering and Architecture, 1705 Fribourg, michael.ansorge@hefr.ch

TUD – COST Domain: Transport and Urban Development

Hüsler Willy, W. Hüsler AG, IBV Ingenieurbüro für Verkehrsplanung, 8001 Zurich, ibv@ibv-zuerich.ch

MPNS – COST Domain: Materials, Physical and Nanosciences

Rohr Lukas, Bern University of Applied Sciences, Engineering and Information Technology, 2501 Biel/Bienne, lukas.rohr@bfh.ch

ESSEM - COST Domain: Earth System Science and Environmental Management

Until December 2008: Mathias Rotach, Federal Institute for Meteorology and Climatology, MeteoSwiss, 8046 Zurich, mathias.rotach@meteoswiss.ch

From December 2008: Saskia Willemse, Federal Institute for Meteorology and Climatology, MeteoSwiss, 8046 Zurich, saskia.willemse@meteoswiss.ch

FA – COST Domain: Food and Agriculture

Schwitzguébel Jean-Paul, EPF Lausanne, 1015 Lausanne, jean-paul.schwitzguebel@epfl.ch

ISCH – COST Domain: Individuals, Societies, Cultures and Health

NN

BMBS – COST Domain: Biomedicine and Molecular Biosciences

Balant Luc, Geneva, luc.balant@romandie.com

CMST – COST Domain: Chemistry and Molecular Sciences and Technologies

Renaud Philippe, University of Berne, 3012 Berne, philippe.renaud@ioc.unibe.ch

FPS – COST Domain: Forests, Their Products and Services

Pichelin Frédéric, Bern University of Applied Sciences, Architecture, Wood and Civil Engineering, 2500 Biel/Bienne 6, frederic.pichelin@bfh.ch

Running Actions with Swiss participation and their Swiss Delegates (=Coordinators) in the Management Committee (MC) of the respective Action

Actions completed in 2008 or Actions decided by SER in 2008

ICT - Information and Communication Technologies

Action	Title	Name, First Name	Institution	E-Mail
219ter	Accessibility for all to services and terminals for next generation networks (Complete Jan 2008)	Roé Patrick	EPFL	patrick.roe@epfl.ch
288	Nanoscale and ultrafast photonics (Complete Apr 2008)	Guekos Georg	ETHZ	gguekos@phys.ethz.ch
290	Quality of service in future wireless systems (Complete Jun 2008)	Braun Torsten Stiller Burkhard	Uni BE Uni ZH	braun@iam.unibe.ch stiller@ifi.uzh.ch
291	Towards digital optical networks (Complete Sep 2008)	Gaumier Christian	EPFL	christian.gaumier@epfl.ch
292	Semantic multimodal analysis of digital media (Complete Oct 2008)	Ebrahimi Touradj	EPFL	touradj.ebrahimi@epfl.ch
293	Graphs and algorithms in communication networks (Complete Oct 2008)	Widmayer Peter	ETHZ	widmayer@inf.ethz.ch
294	Towards the maturation of IT usability evaluation (MAUSE)	Law Lai-Chong Effie	ETHZ	law@tik.ee.ethz.ch
295	Dynamic communications networks: foundations and algorithms (DYNAMO)	Widmayer Peter Rolim José	ETHZ Uni GE	widmayer@inf.ethz.ch jose.rolim@cui.unige.ch
297	High Altitude Platforms for Communications and Other Services	Skrivervik Anja Alavi Kamal	EPFL StratXX Holding AG, Hünenberg	anja.skrivervik@epfl.ch k.alavi@stratxx.com
298	Participation in the Broadband Society	Heinzmann Peter von Stokar Thomas	CNLAB, Rapperswil INFRAS, Zurich	peter.heinzmann@cnlab.ch thomas.vonstokar@infras.ch
299	Optical Fibres for New Challenges Facing the Information Society	Thévenaz Luc until Mar 2008: Legré Matthieu new: Krainer Lukas	EPFL Uni GE Onefive GmbH, Zurich	luc.thevenaz@epfl.ch matthieu.legre@physics.unige.ch Lukas.krainer@onefive.com
2100	Pervasive Mobile & Ambient Wireless Communications	Wittneben Armin	ETHZ	wittneben@nari.ee.ethz.ch
2101	Biometrics for Identity Documents and Smart cards (BIDS)	Drygajlo Andrzej Richiardi Jonas until Oct 2008: Bourlard Hervé new: Kryszczuk Krzysztof	EPFL IDIAP, Martigny PatternLab, Lausanne	andrzej.drygajlo@epfl.ch jonas.richiardi@epfl.ch herve.bourlard@idiap.ch kkryszczuk@patternlab.ch
2102	Cross-Modal Analysis of Verbal and Non-Verbal Communication	until Oct 2008: Keller Eric Tschacher Wolfgang	Uni LS Uni BE	eric.keller@unil.ch tschacher@spk.unibe.ch
IC0601	Sonic Interaction Design (SID)	Crevoisier Alain	HES-SO, HEIG-VD Yverdon	alain.crevoisier@heig-vd.ch
IC0602	Algorithmic Decision Theory	Franinovic Karmen Pu Pearl H.Z. Pratsini Eleni	FHS-ZH EPFL IBM, Rueschlikon	k.franinovic@gmail.com pearl.pu@epfl.ch pra@zurich.ibm.com
IC0603	Antenna Systems & Sensors for Information Society Technologies	Mosig Juan R. Vaccaro Stefano	EPFL JAST, Lausanne	juan.mosig@epfl.ch stefano.vaccaro@jast.ch
IC0604	Anatomic Telepathology Network (EURO-TELEPATH)	Ebrahimi Touradj Pospischil Andreas	EPFL Uni ZH	touradj.ebrahimi@epfl.ch apos@vetpath.uzh.ch
IC0701	Formal Verification of Object-Oriented Software	Kuncak Viktor Mueller Peter	EPFL ETHZ	viktor.kuncak@epfl.ch peter.mueller@inf.ethz.ch

IC0702	Combining Soft Computing Techniques and Statistical Methods to Improve Data Analysis Solutions	Crestani Fabio Gilli Manfred	USI Lugano Uni GE	fabio.crestani@lu.unisi.ch manfred.gilli@metri.unige.ch
IC0703	Data Traffic Monitoring and Analysis: theory, techniques, tools and applications for the future networks	Konstantas Dimitri May Martin	Uni GE ETHZ	dimitri.konstantas@unige.ch may@tik.ee.ethz.ch
IC0801	Agreement Technologies	Schumacher Michael Ignaz	HES-SO, Wallis, Sierre	michael.schumacher@hevs.ch
IC0803	RF/Microwave Communication Subsystems for Emerging Wireless Technologies (RFCSET)	Colombetti Marco Mattes Michael	USI Lugano EPFL	marco.colombetti@lu.unisi.ch michael.mattes@epfl.ch

TUD – Transport and Urban Development

Action	Title	Name, First Name	Institution	E-Mail
352	Influence of modern in-vehicle information systems on road safety requirements (Complete Dec 2008)	Reber François	Bureau d'ingénieur-conseils, Neuchâtel	freber@rebco.ch
353	Winter service strategies for increased European road safety (Complete Apr 2008)	Schlup Ulrich	ASTRA, Bern	ulrich.schlup@astra.admin.ch
354	Performance indicators for road pavements (Complete Sep 2008)	Rodriguez Margarita	EPFL	margarita.rodriguez@epfl.ch
355	Changing behaviour towards a more sustainable transport system (Complete May 2008)	Kaufmann Vincent Axhausen Kay W.	EPFL ETHZ	vincent.kaufmann@epfl.ch axhausen@ivt.baug.ethz.ch
356	Towards the definition of a measurable environmentally sustainable transport	Wäger Patrick	EMPA, St. Gallen	patrick.waeger@empa.ch
357	Accident Prevention Options with Motorcycle Helmets	Brühwiler Paul	EMPA, St. Gallen	paul.bruehwiler@empa.ch
358	Pedestrians' Quality Needs	Sauter Daniel	Urban Mobility Research, Zurich	daniel.sauter@urban-mobility.ch
		Von Der Mühl Dominique	EPFL	dominique.vondermuehl@epfl.ch
C19	Proactive crisis management of urban infrastructure (Complete Mar 2008)	November Valérie	EPFL	valerie.november@epfl.ch
C20	Urban Knowledge Arena – Developing a European Arena for Cross-Boundary Co-operation in Production of Knowledge and Know-how on Complex Urban Problems	Dao Hy Lawrence Roderick J.	Uni GE Uni GE	hy.dao@unige.ch roderick.lawrence@cueh.unige.ch
C21	Towntology – Urban Ontologies for an Improved Communication in Urban Civil Engineering Projects	Falquet Gilles Métral Claudine	Uni GE Uni GE	gilles.falquet@cui.unige.ch claudine.metral@archi.unige.ch
C23	Strategies for a Low Carbon Built Environment	Stein Véronique Hüsler Willy	Uni GE IBV, Zurich	veronique.stein@geo.unige.ch ibv@ibv-zuerich.ch
C26	Urban Habitat Constructions under Catastrophic Events	Faber Michael H.	ETHZ	faber@ibk.baug.ethz.ch
C27	Sustainable Development Policies for Minor Deprived Urban Communities	Boulianne Louis-M. until Nov 2008: Reinhard Mark new: Richoz Simon	EPFL Uni LS	louis.boulianne@epfl.ch mark.reinhard@unil.ch simon.richoz@unil.ch
TU0601	Robustness of Structures	Faber Michael H. Hoj Niels Peter	ETHZ Hoj Consulting, Brunnen	faber@ibk.baug.ethz.ch niels.hoj@hoj.ch
TU0602	Land Management for Urban Dynamics	Golay François Prélaz-Drouz Roland	EPFL HES-SO HEIG-VD, Yverdon	francois.golay@epfl.ch roland.prelaz-drouz@heig-vd.ch
TU0603	Buses with a high level of service	Weidmann Ulrich	ETHZ	weidmann@ivt.baug.ethz.ch
TU0701	Improving the Quality of Suburban Building Stocks	Huber Joachim	BFH-AHB, Burgdorf	joachim.huber@bfh.ch
TU0702	Real-time Monitoring, Surveillance and Control of Road Networks under Adverse Weather Conditions	Chung Edward Cypra Thorsten	EPFL Boschung Mecatronic AG, Granges-Paccot	edward.chung@epfl.ch thorsten.cypra@boschung.com

TU0801	Semantic enrichment of 3D city models for sustainable urban development	Métral Claudine Streilein André	Uni GE Bundesamt für Landestopografie, Bern	claudine.metral@archi.unige.ch andre.streilein@swisstopo.ch
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MPNS – Materials, Physical and Nanosciences

Action	Title	Name, First Name	Institution	E-Mail
533	Materials for improved wear resistance of total artificial joints	Rieker Claude Mischler Stefano	Zimmer GmbH, Winterthur EPFL	claudie.rieker@zimmer.com stefano.mischler@epfl.ch
536	Alloy development for critical components of environmental friendly power plant	Scarlin Brendon	Alstom Power Ltd., Baden	brendon.scarlin@power.alstom.com
538	High temperature plant lifetime extension (Complete Sep 2008)	Staubli Marc	Alstom Power Ltd., Baden	marc.staubli@power.alstom.com
539	Electroceramics from Nanopowders Produced by Innovative Methods (ELENA)	Bowen Paul Setter Nava	EPFL EPFL	paul.bowen@epfl.ch nava.setter@epfl.ch
540	Photocatalytic technologies and novel nanosurfaces materials –critical issues (“PHONASUM”)	Kiwi John Pulgarin César	EPFL EPFL	john.kiwi@epfl.ch cesar.pulgarin@epfl.ch
543	Research and Development of Bioethanol Processing for Fuel Cells	Holtappels Peter	EMPA, Dübendorf	peter.holtappels@empa.ch
P10	Physics of Risk (Complete Jun 2008)	Schweitzer Frank Droz Michel	ETHZ Uni GE	fschweitzer@ethz.ch michel.droz@physics.unige.ch
P14	Laser-matter Interactions with ultra-short pulses, high-frequency pulses and ultra-intense pulses. From Attophysics to Petawatt physics (Complete Jun 2008)	Keller Ursula	ETHZ	keller@phys.ethz.ch
P15	Advanced Paramagnetic Resonance Methods in Molecular Biophysics	Palivan Cornelia Jeschke Gunnar	Uni BS ETHZ	cornelia.palivan@unibas.ch gunnar.jeschke@phys.chem.ethz.ch
P16	Emergent Behaviour in Correlated Matter (ECOM)	Sigrist Manfred	ETHZ	sigrist@itp.phys.ethz.ch
P18	The Physics of Lightning Flash and its Effects	Rachidi Farhad Rubinstein Marcos	EPFL HES-SO, EIVD Yverdon	farhad.rachidi@epfl.ch marcos.rubinstein@eivd.ch
P19	Multiscale modeling of materials	Vallée Till until Oct 2008 : Deville Michel	BFH – AHB, Biel/Bienne EPFL	till.vallee@bfh.ch michel.deville@epfl.ch
P20	Large-Eddy Simulation for Advanced Industrial Design (“LES-AID”)	Kleiser Leonhard	ETHZ	kleiser@ifd.mavt.ethz.ch
P21	Physics of droplets	Wolf Jean-Pierre	Uni GE	jean-pierre.wolf@unige.ch
MP0602	Advanced Solder Materials for High Temperature Application (HISOLD)	Botsis John Janczak-Rusch Jolanta	EPFL EMPA, Dübendorf	john.botsis@epfl.ch jolanta.janczak@empa.ch
MP0603	Chemical imaging by means of CARS-microscopy	Wolf Jean-Pierre	Uni GE	jean-pierre.wolf@unige.ch
MP0604	Optical Micro-Manipulation by Nonlinear Nanophotonics	Salathé René	EPFL	rene.salathe@epfl.ch
MP0701	Composites with Novel Functional and Structural Properties by Nanoscale Materials (Nano Composite Materials-NCM)	Plummer Christopher Vaucher Sébastien	EPFL EMPA, Thun	christopher.plummer@epfl.ch sebastien.vaucher@empa.ch
MP0702	Towards Functional Sub-Wavelength Photonic Structures	Houdré Romuald	EPFL	romuald.houdre@epfl.ch
MP0801	Physics of Competition and Conflicts	Schweitzer Frank De Los Rios Paolo	ETHZ EPFL	fschweitzer@ethz.ch paolo.delosrios@epfl.ch
MP0803	Plasmonic components and devices	Martin Olivier J.F. Sandoghdar Vahid	EPFL ETHZ	olivier.martin@epfl.ch vahid.sandoghdar@ethz.ch

ESSEM – Earth System Science and Environmental Management

Action	Title	Name, First Name	Institution	E-Mail
633	Particulate matter: properties related to health effects (Complete Apr 2008)	Riediker Michael	Institute for Occupational Health Sciences, Lausanne	michael.riediker@hospvd.ch
		Baltensperger Urs	PSI, Villigen	urs.baltensperger@psi.ch
634	On-and off-site environmental impacts of runoff and erosion (Complete Jul 2008)	Prasuhn Volker	Agroscope ART, Zurich	volker.prasuhn@art.admin.ch
636	Xenobiotics in the Urban Water Cycle	Hollender Juliane	EAWAG, Dübendorf	juliane.hollender@eawag.ch
		Slaveykova Vera	EPFL	vera.slaveykova@epfl.ch
639	Greenhouse gas budget of soils under changing climate and land use (BurnOut)	Hagedorn Frank	WSL, Birmensdorf	hagedorn@wsl.ch
		Körner Christian	Uni BS	christian.koerner@unibas.ch
725	Establishing a European Phenological Data Platform for Climatological Applications	Defila Claudio	MeteoSchweiz	claudio.defila@meteoswiss.ch
		Stöckli Reto	MeteoSchweiz	Reto.stoekli@meteoswiss.ch
726	Long term changes and climatology of UV radiation over Europe	Vuilleumier Laurent	MeteoSchweiz	laurent.vuilleumier@meteoswiss.ch
		Gröbner Julian	WRC, Davos	julian.groebner@pmodwrc.ch
727	Measuring and forecasting atmospheric icing structures	Heimo Alain	Meteotest, Bern	heimo@meteotest.ch
728	Enhancing meso-scale meteorological modelling capabilities for air pollution and dispersion applications	until Aug 2008 : Clappier Alain	EPFL	alain.clappier@epfl.ch
		new: Szintai Balazs	MeteoSchweiz	balazs.szintai@meteoswiss.ch
		new: Barmpadimos lakovos	PSI, Villigen	lakovos.barmpadimos@psi.ch
729	Assessing and Managing Nitrogen Fluxes in the Atmosphere-Biosphere System in Europe	Gehrig Robert	EMPA, Dübendorf	robert.gehrig@empa.ch
730	Towards a Universal Thermal Climate Index UTCI for Assessing the Thermal Environment of the Human Being	Herren Thomas	MeteoSchweiz	thomas.herren@meteoswiss.ch
731	Propagation of Uncertainty in Advanced Meteo-Hydrological Forecast Systems	Zappa Massimiliano	WSL, Birmensdorf	massimiliano.zappa@wsl.ch
		Germann Urs	MeteoSchweiz	urs.germann@meteoswiss.ch
732	Quality Assurance and Improvement of Microscale Meteorological Models	Lakehal Djamel	ASCOMP, Zurich	Lakehal@ascomp.ch
733	Harmonisation and Applications of Weather Types Classifications for European Regions	Appenzeller Christof	MeteoSchweiz	christof.appenzeller@meteoswiss.ch
		Frei Christoph	MeteoSchweiz	christoph.frei@meteoswiss.ch
734	Impacts of Climate Change and Variability on European Agriculture: CLIVAGRI	Calanca Pierluigi	Agroscope ART, Zurich	pierluigi.calanca@art.admin.ch
735	Tools for Assessing Global Air–Sea Fluxes of Climate and Air Pollution Relevant Gases	Gruber Nicolas	ETHZ	nicolas.gruber@env.ethz.ch
ES0601	Advances in homogenisation methods of climate series: an integrated approach (HOME)	until Sep 2008: Della-Marta Paul M.	MeteoSchweiz	paul.della-marta@meteoswiss.ch
		new: Brönnimann Stefan	ETHZ	Stefan.bronnimann@env.ethz.ch
ES0603	Assessment of production, release, distribution and health impact of allergenic pollen in Europe (EUPOL)	Croci-Maspoli Mischa	MeteoSchweiz	mischa.croci-maspoli@meteoswiss.ch
		Gehrig Bichsel Regula	MeteoSchweiz	regula.gehrig@meteoswiss.ch
		Michel Dominik	Uni BS	dominik.michel@stud.unibas.ch
ES0604	Atmospheric Water Vapour in the Climate System (WaVaCS)	Kämpfer Niklaus	Uni BE	niklaus.kaempfer@mw.iap.unibe.ch
ES0701	Improved Constraints on Models of Glacial Isostatic Adjustment	Dach Rolf	Uni BE	rolf.dach@aiub.unibe.ch
ES0702	European Ground-Based Observations of Essential Variables for Climate and Operational Meteorology (EG-CLIMET)	Ruffieux Dominique	MeteoSchweiz	dominique.ruffieux@meteoswiss.ch
		Mätzler Christian	Uni BE	matzler@iap.unibe.ch
ES0801	The ocean chemistry of bioactive trace elements and paleoclimate proxies	Reynolds Ben	ETHZ	reynolds@erdw.ethz.ch

ES0802	Unmanned aerial systems (UAS) in atmospheric research	Neininger Bruno	ZHAW, Winterthur	nuno@zhaw.ch
ES0803	Developing space weather products and services in Europe	Schmutz Werner Flückiger Erwin O.	WRC, Davos Uni BE	werner.schmutz@pmodwrc.ch erwin.flueckiger@space.unibe.ch
ES0804	Advancing the integrated monitoring of trace gas exchange between biosphere and atmosphere	Ammann Christof	Agroscope ART, Zurich	christof.ammann@art.admin.ch

FA – Food and Agriculture

Action	Title	Name, First Name	Institution	E-Mail
855	Animal chlamydioses and its zoonotic implications (Complete Jul 2008)	Pospischil Andreas	Uni ZH	apos@vetpath.uzh.ch
		Wittenbrink Max M.	Uni ZH	wittenbr@vetbakt.uzh.ch
857	Apicomplexan biology in the post-genomic era (Complete Nov 2008)	Hemphill Andrew	Uni BE	hemphill@ipa.unib.ch
858	Viticulture: biotic and abiotic stress – grapevine defence mechanism and grape development	Neuhaus Jean-Marc	Uni NE	jean-marc.neuhaus@unine.ch
		Tabacchi Raphael	Uni NE	raphael.tabacchi@unine.ch
859	Phytotechnologies to promote sustainable land use management and improve food chain safety	Schwitzguébel Jean-Paul	EPFL	jean-paul.schwitzguebel@epfl.ch
		Herzig Rolf	AGB, Bern	rolf.herzig.agb@bluewin.com
860	Sustainable low-input cereal production: required varietal characteristics and crop diversity	Mascher-Frutschi Fabio	Agroscope ACW, Nyon	fabio.mascher@acw.admin.ch
		Vogelgsang Susanne	Agroscope ART, Zurich	susanne.vogelgsang@art.admin.ch
861	European network for pig genomics	Vögeli Peter	ETHZ	peter.voegeli@inw.agrl.ethz.ch
862	Bacterial toxins for insect control	Keel Christoph	Uni LS	christoph.keel@unil.ch
		Grunder Jürg M.	FHS-ZH, Wädenswil	j.grunder@hsw.ch
863	Euroberry Research: from Genomics to Sustainable Production, Quality & Health	Carlen Christoph	Agroscope ACW, Conthey	christoph.carlen@acw.admin.ch
864	Combining traditional and advanced strategies for plant protection in pome fruit growing	Duffy Brion	Agroscope ACW, Wädenswil	duffy@acw.admin.ch
865	See domain BMBS for Bioencapsulation multiscale interaction analysis			
866	Green Care in Agriculture	Bächtiger Jean-Bernard	FHS-ZH, Wädenswil	j.baechtiger@hsw.ch
		Wydler Hans	Agroscope ART, Ettenhausen	hans.wydler@art.admin.ch
867	Welfare of Fish in European Aquaculture	Segner Helmut	Uni BE	helmut.segner@itpa.unibe.ch
		Vaughan Lloyd	Uni ZH	vaughanl@vetpath.uzh.ch
868	Biotechnical functionalisation of renewable polymeric materials	Abächerli Alfred	ILI, Lausanne	abaecherli.ili@bluewin.ch
		Zinn Manfred	EMPA, St. Gallen	manfred.zinn@empa.ch
869	Mitigation options for reducing nutrient emission to surface water and groundwater	Stamm Christian	EAWAG, Dübendorf	christian.stamm@eawag.ch
		Frossard Emmanuel	ETHZ	emmanuel.frossard@ipw.agrl.ethz.ch
870	From production to application of arbuscular mycorrhizal fungi in agricultural systems: a multidisciplinary approach	Mascher-Frutschi	Agroscope ACW, Nyon	fabio.mascher@acw.admin.ch
		Sanders Ian R.	Uni LS	ian.sanders@unil.ch
871	Cryopreservation of crop species in Europe	Angstl Julia	ZHAW, Wädenswil	anju@zhaw.ch
		Rios Thalman Elena	ZHAW, Wädenswil	elena.rios@zhaw.ch
872	Exploiting genomics to understand plant-nematode interactions	Kiewnick Sebastian	Agroscope ACW, Wädenswil	sebastian.kiewnick@acw.admin.ch
873	Bacterial diseases of stone fruits and nuts	Blum Bernard	Agrometrix Basel	agrometrix.blum@balcab.ch
		Duffy Brion	Agroscope ACW, Wädenswil	duffy@acw.admin.ch
924	Enhancement and Preservation of Quality and Health Promoting Components in Fresh Fruits and Vegetables	Duffy Brion	Agroscope ACW, Wädenswil	duffy@acw.admin.ch
925	The importance of prenatal events for postnatal muscle growth in relation to the quality of muscle based foods (Complete Feb 2008)	Bee Giuseppe	Agroscope ALP, Posieux	giuseppe.bee@alp.admin.ch

927	Thermally processed foods: possible health implications	Amado Renato Beer Michael	ETHZ BAG, Bern	renato.amado@ilw.agrl.ethz.ch michael.beer@bag.admin.ch
929	A European Network for Environmental and Food Virology	until Nov 2008: Sanchez-Moragas Gloria new: Butot Sophie	Nestlé, Lausanne	Gloria.sanchez-moragas@rdls.nestle.com sophie.butot@rdls.nestle.com
FA0603	Plant proteomics in Europe (EUPP)	Beuret Christian Gruissem Wilhelm	BABS, Spiez ETHZ	christian.beuret@babs.admin.ch wilhelm.gruissem@ipw.biol.ethz.ch
FA0604	Triticeae genomics for the advancement of essential European crops (TritiGen)	Baginsky Sacha Keller Beat	ETHZ Uni ZH	sbaginsky@ethz.ch bkeller@botinst.uzh.ch
FA0605	Signaling control of stress tolerance and production of stress protective compounds in plants	Fossati Dario Sperisen Christoph Sticher Siu Liliane	Agroscope ACW, Nyon WSL, Birmensdorf Uni FR	dario.fossati@acw.admin.ch sperisen@wsl.ch liliane.sticher@unifr.ch
FA0701	Arthropod Symbiosis: From Fundamental Studies to Pest and Disease Management	Aebi Alexandre	Agroscope ART, Zurich	alexandre.aebi@art.admin.ch
FA0702	Maternal Interaction with Gametes and Embryos	Dosch Roland	Uni GE	Roland.dosch@unige.ch
FA0801	Critical success factors for fish larval production in European Aquaculture: a multidisciplinary network (LARVANET)	Stamer Andreas	FIBL, Frick	Andreas.stamer@fibl.org
FA0802	Feed for health	Bruckmaier Rupert	Uni BE	rupert.bruckmaier@physio.unibe.ch
FA0803	Prevention of honeybee Colony Losses (COLOSS)	Neumann Peter	Agroscope ALP, Bern	peter.neumann@alp.admin.ch
FA0804	Molecular farming: plants as a production platform for high value proteins	Eibl Regine Gruissem Wilhelm	ZHAW, Wädenswil ETHZ	regine.eibl@zhaw.ch wilhelm.gruissem@ipw.biol.ethz.ch

ISCH – Individuals, Societies, Cultures and Health

Action	Title	Name, First Name	Institution	E-Mail
A23	The Evaluation of European Labour Market programmes (Complete Jan 2008)	Lechner Michael	Uni SG	michael.lechner@unisg.ch
A24	The evolving social construction of threats (Complete Jan 2008)	Förster Till	Uni BS	till.foerster@unibas.ch
A25	European small arms and the perpetuation of violence (Complete Jan 2008)	Wille Christina	IUHEI, Genève	wille@hei.unige.ch
A26	European city-regions in an age of multi-level governance – reconciling competitiveness and social cohesion? (Complete Jan 2008)	Koll-Schretzenmayr Martina Boulianne Louis	ETHZ EPFL	schretzenmayr@nsl.ethz.ch louis.boulianne@epfl.ch
A27	Understanding pre-industrial structures in rural and mining landscapes (Complete Jun 2008)	Atmanagara Jenny	Uni BE	atma@giub.unibe.ch
A29	Human and Organisational Factors in Industrial Planning and Scheduling – HOPS (Complete Jun 2008)	Wäfler Toni Fischer Dieter	FHNW, Olten FHNW, Windisch	toni.waefler@fhnw.ch dieter.fischer@fhnw.ch
A34	Gender and Well-Being: Interactions between Works, Family and Public Policies	Oris Michel Sauvain-Dugerdil Claudine	Uni GE Uni GE	michel.oris@unige.ch claudine.sauvain@ses.unige.ch
A35	Programme for the Study of European Rural Societies (PROGRESSORE)	Moser Peter	Archiv für Agrargeschichte, Zollikofen	peter.moser@agrarchiv.ch
IS0601	Comparative Research into Current Trends in Public Sector Organization	Head-König Anne-Lise Emery Yves Ladner Andreas	Uni GE IDHEAP, Chavannes IDHEAP, Chavannes	anne-Lise.head@histec.unige.ch yves.emery@idheap.unil.ch andreas.Ladner@idheap.unil.ch
IS0602	International Law in Domestic Courts	Ziegler Andreas R.	Uni LS	andreas.ziegler@unil.ch
IS0603	Health and Social Care for Migrants and Ethnic Minorities in Europe	Chimienti Milena Mariller Marjorie	Uni GE BFS, Neuchâtel	milena.chimienti@socio.unige.ch marjorie.mariller@bfs.admin.ch
IS0604	Science and Technology Research In a Knowledge-based Economy	Foray Dominique	EPFL	dominique.foray@epfl.ch

IS0605	A Telecommunications Economics COST Network (Econ@Tel)	Stiller Burkhard	Uni ZH	stiller@ifi.uzh.ch
IS0701	Comparative Analysis of Enterprise Data: Industry Dynamics, Firm Performance, and Worker Outcomes	Wäfler Toni	FHNW, Olten	Toni.waefler@fhnw.ch
IS0703	The European Research Network on Learning to Write Effectively	Kruse Otto Perrin Daniel	ZHAW, Winterthur ZHAW, Winterthur	kreo@zhaw.ch daniel.perrin@zhaw.ch
IS0801	Cyberbullying: coping with negative and enhancing positive uses of new technologies, in relationships in educational settings	Alsaker Françoise	Uni BE	alsaker@psy.unibe.ch
IS0802	The Transformation of Global Environmental Governance: Risks and Opportunities (TGEG)	Huftu Marc Pütz Marco	Institut de hautes études internationales et du développement, Genève WSL, Birmensdorf	Marc.huftu@graduateinstitute.ch Marco.puetz@wsl.ch

BMBS – Biomedicine and Molecular Biosciences

Action	Title	Name, First Name	Institution	E-Mail
B23	Oral facial development and regeneration (Complete Jun 2008)	Dard Michel M.	Institut Straumann AG, Basel	michel.dard@straumann.com
		Bosshardt Dieter	Uni BE	dieter.bosshardt@zmk.unibe.ch
B24	Laboratory animal science and welfare	Gyger Marcel	EPFL	marcel.gyger@epfl.ch
B25	Physiologically based Pharmacokinetics and Dynamics	Steimer Jean-Louis	Novartis, Basel	jean-louis.steimer@pharma.novartis.com
		Frey Nicolas	Hoffmann-La Roche, Basel	nicolas.frey@roche.com
B26	Obstructive Sleep Apnea	NN		
B27	Electric Neuronal Oscillations and Cognition (ENOC)	Jäncke Lutz	Uni ZH	l.jaencke@psychologie.uzh.ch
		Brandeis Daniel	Uni ZH	brandeis@kjp.d.uzh.ch
B28	Array Technologies for BSL3 and BSL4 Pathogens	Schrenzel Jacques	Uni GE	jacques.schrenzel@hcuge.ch
		Frey Joachim	Uni BE	joachim.frey@vbi.unibe.ch
865	Bioencapsulation multiscale interaction analysis	Wandrey Christine	EPFL	christine.wandrey@epfl.ch
		Lacroix Christophe	ETHZ	christophe.lacroix@ilw.agrl.ethz.ch
BM0601	Advanced Methods For The Estimation Of Human Brain Activity And Connectivity (NEUROMATH)	Grave de Peralta Menendez Rolando	Uni GE	Rolando.grave@hcuge.ch
BM0602	Adipose Tissue: A Key Target for Prevention of the Metabolic Syndrome	Jäncke Lutz	Uni ZH	l.jaencke@psychologie.uzh.ch
		Carpentier Jean-Louis	Uni GE	Jean-Louis.Carpentier@medecine.unige.ch
		until Jun 2008: Donath Marc Y. new: Niessen Markus	Universitätsspital Zurich	marc.donath@usz.ch markus.niessen@dim.usz.ch
BM0603	Inflammation in Brain Disease (NEURINFNET)	Becher Burkhard	Uni ZH	burkhard.becher@neuroimm.uzh.ch
		Engelhart Britta	Uni BE	Bengel@tki.unibe.ch
BM0604	Myelin orphan diseases in health (MYELINET)	until Mar 2008: Menin Laure	Atheris Laboratories, Bernex	laure.menin@atheris.ch
		until Nov 2008: Stöcklin Reto		reto.stocklin@atheris.ch
		until Nov 2008 : Koziol Régine new : Lienhard Myriam	ELA Suisse, Plan-les-Ouates ELA Suisse, Tavannes	ela.suisse@bluewin.ch info@ela-asso.ch
BM0607	Targeted Radionuclide Therapy (TRNT)	Mäcke Helmut R.	Uni BS	hmaecke@uhbs.ch
		Schibli Roger	PSI, Villigen	roger.schibli@psi.ch
BM0701	Antibiotic Transport and Efflux: New Strategies to combat bacterial resistance (ATENS)	Köhler Thilo	Uni GE	thilo.kohler@medecine.unige.ch
BM0702	Urine and Kidney Proteomics	Domon Bruno	ETHZ	domon@imsb.biol.ethz.ch
BM0703	Cancer and Control of Genomic Integrity (CANGENIN)	Halazonetis Thanos	Uni GE	thanos.halazonetis@molbio.unige.ch
BM0704	Emerging EMF Technologies and Health Risk Management	Dürrenberger Gregor	ETHZ	gregor@ifh.ee.ethz.ch
		Moser Mirjana	BAG, Bern	mirjana.moser@bag.admin.ch

BM0802	Life or death of protozoan parasites	Fasel Nicolas	Uni LS	nicolas.fasel@unil.ch
BM0803	A European network of the HLA diversity for histocompatibility, clinical transplantation, epidemiology and population genetics (HLA-NET)	Sanchez-Mazas Alicia	Uni GE	alicia.sanchez-mazas@unige.ch
		De Abreu Nunes José Manuel	Uni GE	jose.DeAbreuNunes@unige.ch

CMST – Chemistry and Molecular Sciences and Technologies

Action	Title	Name, First Name	Institution	E-Mail
D31	Organising non-covalent chemical systems with selected functions	Lacour Jérôme	Uni GE	jerome.lacour@chiorg.unige.ch
D32	Chemistry in High-Energy Microenvironments (CHEM)	Bonrath Werner	DSM, Basel	werner.bonrath@dsm.com
D33	Nanoscale electrochemical and bio-processes (corrosion) at solid-aqueous interfaces of industrial materials	Morach Rudolf	Ciba Spezialitätenchemie, Basel	rudolf.morach@cibasc.com
D34	Molecular Targeting and Drug Design in Neurological and Bacterial Diseases	Reymond Jean-Louis	Uni BE	jean-louis.reymond@ioc.unibe.ch
D35	From Molecules to Molecular Devices: Control of Electronic, Photonic, Magnetic and Spintronic Behaviour	Berke Heinz	Uni ZH	hberke@aci.uzh.ch
D36	Molecular structure-performance relationships at the surface of functional materials	Fermin David	Uni BE	david.fermin@iac.unibe.ch
		Girault Hubert	EPFL	hubert.girault@epfl.ch
D37	Grid Computing in Chemistry: GRIDCHEM	Luethi Hans P.	ETHZ	luethi@igc.phys.chem.ethz.ch
		Hutter Jürg	Uni ZH	hutter@pci.uzh.ch
D38	Metal-Based Systems for Molecular Imaging Applications	Mäcke Helmut R.	Uni BS	hmaecke@uhbs.ch
		Helm Lothar	EPFL	lothar.helm@epfl.ch
D39	Metallo-Drug Design and Actions	Alberto Roger	Uni ZH	ariel@aci.uzh.ch
		Dyson Paul J.	EPFL	paul.dyson@epfl.ch
D40	Innovative Catalysis: New Processes and Selectivities	Alexakis Alexandre	Uni GE	alexandre.alexakis@chiorg.unige.ch
		Bochet Christian	Uni FR	christian.bochet@unifr.ch
D41	Inorganic oxides: surfaces and interfaces	Grolimund Daniel	PSI, Villigen	daniel.grolimund@psi.ch
D42	Chemical Interactions between Cultural Artefacts and the Indoor Environment (EnviArt)	Wörle-Soares Marie	Schweizer Landesmuseum, Affoltern a. Albis	marie.woerle@slm.admin.ch
		Wuelfert Stefan	FHS-BE, Bern	stefan.wuelfert@hkb.bfh.ch
D43	Colloid and Interface Chemistry for Nanotechnology	Borkovec Michal	Uni GE	michal.borkovec@unige.ch
		Schurtenberger Peter	Uni FR	peter.schurtenberger@unifr.ch
CM0601	Electron Controlled Chemical Lithography (ECCL)	Allan Michael	Uni FR	michael.allan@unifr.ch
CM0602	Inhibitors of angiogenesis: design, synthesis and biological exploitation	Ernst Karl-Heinz	EMPA Dübendorf	karl-heinz.ernst@empa.ch
		Altmann Karl-Heinz	ETHZ	karl-heinz.altmann@pharma.ethz.ch
CM0603	Free Radicals in Chemical Biology (CHEMBIORADICAL)	Reymond Jean-Louis	Uni BE	jean-louis.reymond@ioc.unibe.ch
		Renaud Philippe	Uni BE	philippe.renaud@ioc.unibe.ch
CM0701	Cascade Chemoenzymatic Processes - New Synergies Between Chemistry and Biochemistry	Wohlgemuth Roland	Sigma-Aldrich, Buchs	rwohlgemuth@sial.com
		Reymond Jean-Louis	Uni BE	jean-louis.reymond@ioc.unibe.ch
CM0702	Chemistry with Ultrashort Pulses and Free-Electron Lasers: Looking for Control Strategies Through "Exact" Computations	Chergui Majed	EPFL	majed.chergui@epfl.ch
CM0703	Systems Chemistry	Walde Peter	ETHZ	peter.walde@mat.ethz.ch
		Siegel Jay	Uni ZH	jss@oci.uzh.ch
CM0802	European Phosphorus Sciences Network (PhoSciNet)	Grütmacher Hansjörg	ETHZ	hgruetzmacher@ethz.ch

FPS – Forests, Their Products and Services

Action	Title	Name, First Name	Institution	E-Mail
E33	Forests for recreation and nature tourism (FORREC) (Complete Jun 2008)	Baur Bruno	Uni BS	bruno.baur@unibas.ch
		Hunziker Marcel	WSL, Birmensdorf	marcel.hunziker@wsl.ch
E34	Bonding of timber (Complete Feb 2008)	Richter Klaus	EMPA, Dübendorf	klaus.richter@empa.ch
		Properzi Milena	FHS-BE, Biel	milena.properzi@bfh.ch
E35	Fracture mechanics and micromechanics of wood and wood composites with regard to wood machining (Complete Feb 2008)	Niemz Peter	ETHZ	niemz@fowi.ethz.ch
		Navi Parviz	EPFL	parviz.navi@epfl.ch
E37	Sustainability through new technologies for enhanced wood durability (Complete Jun 2008)	Schwarze Francis	EMPA, St. Gallen	francis.schwarze@empa.ch
		Skyba Oleksandr	EMPA, St. Gallen	oleksandr.skyba@empa.ch
E38	Woody root processes (Complete Jun 2008)	Brunner Ivano	WSL, Birmensdorf	lvano.brunner@wsl.ch
E39	Forests, trees and human health and wellbeing (Complete Nov 2008)	Seeland Klaus	ETHZ	klaus.seeland@env.ethz.ch
E40	Innovative Utilisation and Products of Large Dimensioned Timber Including the Whole Forest-Wood-Chain (Complete May 2008)	Richter Klaus	EMPA, Dübendorf	klaus.richter@empa.ch
		Zürcher Ernst	FHS-BE, Biel	ernst.zuercher@bfh.ch
E41	Analytical tools with applications for wood and pulping chemistry (Complete Jun 2008)	Abächerli Alfred	ILI, Lausanne	abaecherli.ili@bluewin.ch
		Lora Jairo	Granit Recherche Développement, Lausanne	jhlora@aol.com
E42	Growing Valuable Broadleaved Tree Species (Complete Nov 2008)	Mühlethaler Urs	FHS-BE, Zollikofen	urs.muehlethaler@shl.bfh.ch
E43	Harmonisation of national inventories in Europe: techniques for common reporting	Brassel Peter	WSL, Birmensdorf	peter.brassel@wsl.ch
		Lanz Adrian	WSL, Birmensdorf	adrian.lanz@wsl.ch
E44	Wood processing strategy	Rehm Klaus	FHS-BE, Biel	klaus.rehm@bfh.ch
		Letsch Bernhard	FHS-BE, Biel	bernhard.letsch@bfh.ch
E45	European forest externalities (EUROFOREX)	Zimmermann Willi	ETHZ	Willi.zimmermann@env.ethz.ch
		Ott Walter	Econcept AG, Zurich	walter.ott@econcept.ch
E49	Processes and Performance of Wood-based Panels	Pichelin Frédéric	FHS-BE, Biel	frederic.pichelin@bfh.ch
		Wüthrich Christoph	FHS-BE, Biel	christoph.wuethrich@bfh.ch
E50	Cell wall macromolecules and reaction wood (CEMARE)	Stieger Pia	Uni NE	pia.stieger@unine.ch
		Zimmermann Tanja	EMPA, Dübendorf	tanja.zimmermann@empa.ch
E51	Integrating Innovation and Development Policies for the Forest Sector	Zimmermann Willy	ETHZ	willy.zimmermann@env.ethz.ch
		Seeland Klaus	ETHZ	klaus.seeland@env.ethz.ch
E52	Evaluation of Beech Genetic Resources for Sustainable Forestry	Mühlethaler Urs	FHS-BE, Zollikofen	urs.muehlethaler@shl.bfh.ch
		Weber Pascale	WSL, Birmensdorf	Pascale.weber@wsl.ch
E53	Quality control for wood and wood products	Köhler Jochen	ETHZ	jochen.koehler@ibk.baug.ethz.ch
		Steiger René	EMPA, Dübendorf	rene.steiger@empa.ch
E54	Characterisation of the fine structure and properties of papermaking fibres using new technologies	Breguet Jean-Marc	CSEM, Neuchâtel	jean-marc.breguet@csem.ch
E55	Modeling of the Performance of Timber Structures	Köhler Jochen	ETHZ	jochen.koehler@ibk.baug.ethz.ch
		Faber Michael H.	ETHZ	faber@ibk.baug.ethz.ch
FP0601	Forest Management and the Water Cycle (FORMAN)	until Feb 2008: Hegg Christoph	WSL, Birmensdorf	christoph.hegg@wsl.ch
		new: Schleppe Patrick		patrick.schleppi@wsl.ch
FP0602	Biotechnology for lignocellulose biorefineries (BIOBIO)	Thormann Jean-Jacques	FHS-BE, Zollikofen	Jean-Jacques.Thormann@shl.bfh.ch
		Abächerli Alfred	ILI, Lausanne	Abaecherli.ili@bluewin.ch
FP0603	Forest models for research and decision support in sustainable forest management	Von Arx Urs	FHS-BE, Biel	urs.vonarx@bfh.ch
		Bugmann Harald	ETHZ	harald.bugmann@env.ethz.ch
		Lischke Heike	WSL, Birmensdorf	heike.lischke@wsl.ch

FP0701	Post-Fire Forest Management in Southern Europe	Conedera Marco	WSL, Bellinzona	marco.conedera@wsl.ch
FP0702	Net-Acoustics for Timber based Lightweight Buildings and Elements	Schmid Matthias Desarnaults Victor	FHS-BE, Biel Bureau d'Ingénieurs G. Monay, Lausanne	matthias.schmid@bfh.ch desarnaults@monay.ch
FP0703	Expected Climate Change and Options for European Silviculture (ECHOES)	Brang Peter Seeland Klaus	WSL, Birmensdorf ETHZ	peter.brang@wsl.ch klaus.seeland@env.ethz.ch
FP0801	Established and Emerging Phytophthora: Increasing Threats to Woodland and Forest Ecosystems in Europe	Lefort François Rigling Daniel	HES-SO, EIL, Jussy WSL, Birmensdorf	francois.lefort@hesge.ch daniel.rigling@wsl.ch
FP0802	Experimental and Computational Micro-Characterisation Techniques in Wood Mechanics	Niemz Peter Navi Parviz	ETHZ BFH-AHB, Bienne	niemzp@ethz.ch parviz.navi@bfh.ch

IE - Interdisciplinary Exploratoria

Action	Title	Name, First Name	Institution	E-Mail
IE0601	Wood Science for Conservation of Cultural Heritage (WoodCultHer)	Lehmann Eberhard Wörle-Soares Marie	PSI, Villigen Schweizer Landesmuseum, Zurich	eberhard.lehmann@psi.ch marie.woerle@slm.admin.ch

COST Actions in preparation by Switzerland

COST Domain ICT – Information and Communication Technologies		Contact
IC0806	Intelligent Monitoring, Control and Security of Critical Infrastructure Systems	Göran Andersson, ETHZ, <i>andersson@eeh.ee.ethz.ch</i>
COST Domain TUD – Transport and Urban Development		Contact
TU0802	Next generation cost effective phase change materials for increased energy efficiency in renewable energy systems in buildings. NeCoE-PCM	Robert Weber, EMPA, Dübendorf, <i>robert.weber@empa.ch</i>
TU0803	Cities Regrowing Smaller – Fostering Knowledge on Regeneration Strategies in Shrinking Cities across Europe	Maresa Schumacher, Yellow Z, Zurich, <i>zuerich@yellowz.net</i>
TU0804	SHANTI - Survey Harmonisation with New Technologies Improvement	Kay W. Axhausen, ETHZ, <i>axhausen@jvt.baug.ethz.ch</i>
COST Domain MPNS – Materials, Physical and Nanosciences		Contact
MP0806	Particles in turbulence	Beat Lüthi, ETHZ, <i>beat.luethi@ifu.baug.ethz.ch</i>
COST Domain ESSEM – Earth System Science and Environmental Management		Contact
ES0805	The Terrestrial Biosphere in the Earth System	Jed O. Kaplan, EPFL, <i>jed.kaplan@epfl.ch</i>
ES0806	Stable Isotopes in Biosphere-Atmosphere-Earth System Research (SIBAE) (CH Proposal)	Nina Buchmann, ETHZ, <i>nina.buchmann@ipw.agr.ethz.ch</i>
COST Domain FA – Food and Agriculture		Contact
FA0805	Goat-parasite interactions: from knowledge to control (CAPARA)	Felix Heckendorn, FiBL, Frick, <i>felix.heckendorn@fibl.org</i>
FA0806	Plant virus control employing RNA-based vaccines: A novel non-transgenic strategy	Thomas Hohn, Uni BS, <i>thomas.hohn@fmi.ch</i>
FA0807	Integrated Management of Phytoplasma Epidemics in Different Crop Systems	Santiago Schaerer, Agroscope, ACW, Nyon, <i>santiago.schaerer@acw.admin.ch</i>
COST Domain ISCH – Individuals, Societies, Cultures and Health		Contact
IS0805	New Challenges of Peacekeeping and the European Union's Role in Multilateral Crisis Management	Thierry Tardy, Centre de Politique de Sécurité, Genève, <i>t.tardy@gcsp.ch</i>
IS0807	Living in Surveillance Societies (LiSS)	Marc Langheinrich, USI, Lugano, <i>marc.langheinrich@unisi.ch</i>
COST Domain BMBS – Biomedicine and Molecular Biosciences		Contact
BM0801	Translating genomic and epigenetic studies of MDS and AML	Beatrice Müller, Inselspital, Bern, <i>beatrice.mueller@insel.ch</i>
BM0804	European Network on Fish Biomedical Models (Acronym: EUFishBioMed) – a community resource to enable effective zebrafish partnering in EU projects targeting human diseases	Stephan Neuhauss, Uni ZH, <i>stephan.neuhauss@zool.uzh.ch</i>
COST Domain CMST – Chemistry and Molecular Sciences and Technologies		Contact
CM0801	New drugs for neglected diseases	Nicolas Fasel, Uni LS, <i>nicolas.fasel@unil.ch</i>
CM0803	Functional peptidomimetic foldamers: from unnatural amino acids to self-assembling nanomaterials	Helma Wennemers, Uni BS, <i>helma.wennemers@unibas.ch</i>
CM0804	Chemical Biology with Natural Products	Karl-Heinz Altmann, ETHZ, <i>karl-heinz.altmann@pharma.ethz.ch</i>

COST Domain FPS – Forests, Their Products and Services		Contact
FP0803	Belowground carbon turnover in European forests (CH Proposal)	Ivano Brunner, WSL, Birmensdorf, <i>ivano.brunner@wsl.ch</i>
FP0804	Forest Management Decision Support Systems (FORSYS)	Christian Rosset, SHL, Zollikofen, <i>christian.rosset@shl.bfn.ch</i>
IE Interdisciplinary Exploratoria / TD Trans Domain		Contact
TD0802	Dendrimers in Biomedical Applications	Sabrina Pricl, SUPSI, Manno, <i>sabrina.pricl@icimsi.ch</i>
TD0803	Detecting evolutionary hot spots of antibiotic resistances in Europe (DARE)	Helmut Bürgmann, EAWAG, Kastanienbaum, <i>helmut.buergmann@eawag.ch</i>
TD0804	Soundscape of European Cities and Landscapes	Kurt Heutschi, EMPA, Dübendorf, <i>kurt.heutschi@empa.ch</i>

Table 1 Financial commitments 2008 per COST-Domain and contract

Domain	SER No.	Action	Project Title	Name	First Name	Institution	Start Date	End Date	Amount (CHF)
BMBS Biomedicine and Molecular Biosciences	C07.0080	BM0602	The role of anti-inflammatory mediators in the regulation of metabolic homeostasis	Szanto	Ildiko	Université de Genève	01.02.2008	31.07.2011	150,000
	C07.0087	BM0602	ER stress and the secretion of adipokines from adipocytes	Niessen	Markus	Universitätsspital Zürich	01.02.2008	31.01.2011	75,000
	C07.0092	BM0603	Plant-based primary screen and animal-based secondary screens for chaperone-inducing drugs against protein misfolding and inflammation in Alzheimer's disease	Goloubinoff	Pierre	Université de Lausanne	01.05.2008	30.04.2010	120,000
	C07.0132	BM0603	In vivo imaging of brain damage by use of luciferase-enabled light emission and supersensitive cameras	Becher	Burkhard	Universität Zürich	01.05.2008	30.04.2011	170,000
	C08.0026	BM0607	Development of Novel Radiolabeled Folate Derivatives for Improved Imaging and Therapy of Cancerous Diseases	Schibli	Roger	Paul Scherrer Institut PSI	01.10.2008	30.09.2011	162,000
	C07.0018	CM0601	Measurement of Absolute Data for Electron-induced Chemical Change	Allan	Michael	Université de Fribourg	01.02.2008	31.05.2011	150,000
	C07.0081	CM0601	Electron-induced synthesis at the molecular scale (EISAMS)	Ernst	Karl-Heinz	EMPA, Dübendorf	01.02.2008	31.01.2011	150,000
C08.0024	CM0602	Chemical Space Exploration for Improvement and Discovery of Kinase Inhibitors	Reymond	Jean-Louis	Universität Bern	01.10.2008	30.09.2011	170,000	
C08.0052	CM0602	The natural product kinase inhibitor L-783277 as lead structure for the discovery of new anti-angiogenic agents: Synthesis of analogs and SAR studies	Altmann	Karl-Heinz	ETH Zürich	01.10.2008	30.09.2011	155,000	
C07.0041	D31	Redox and crystal packing chemistry of transition metal helicates	Williams	Alan	Université de Genève	01.02.2008	31.01.2009	83,000	
C07.0075	D33	Probing the role of polysaccharides as adhesion mediators by AFM and parallel flow cell	Papastavrou	Georg	Université de Genève	01.05.2008	30.04.2009	60,000	

Domain	SER No.	Action	Project Title	Name	First Name	Institution	Start Date	End Date	Amount (CHF)
	C07.0040	D34	Multivalent ligands for cholera toxin based on the five-fold symmetry of corannulene	Siegel	Jay	Universität Zürich	01.02.2008	31.07.2010	127,600
	C07.0063	D35	Intermolecular interactions in organometallic d8 chromophores	Wenger	Oliver	Université de Genève	01.02.2008	30.09.2010	150,000
	C07.0076	D37	The Generation and Processing of Quantum Chemical Data at Large Scale: Finding Quantitative Relationships Between the Electronic Structure and the Properties of Functionalized pi-conjugated Compounds	Luethi	Hans P.	ETH Zürich	01.02.2008	31.07.2010	135,000
	C07.0039	D38	Multimodality imaging using PET and MRI : multimetric targeting vectors based on 68Ga and Gd3+-complexes	Mäcke	Helmut R.	Universität Basel	01.02.2008	30.04.2009	100,000
	C07.0078	D38	Tripodal Ln(III) Complexes as Luminescent and Paramagnetic Responsive Probes	Hamacek	Josef	Université de Genève	01.02.2008	31.07.2011	150,000
	C07.0116	D38	Engineering Emissive Lanthanide Helicates for specific Cancer Cell Targeting	Bünzli	Jean-Claude	EPF Lausanne	01.05.2008	30.04.2010	115,000
	C07.0129	D39	Structures and Thermodynamics of Metallo-Drug Interactions with Nucleobase Derivatives and Nucleic Acids	Siegel	Roland K. O.	Universität Zürich	01.05.2008	31.07.2011	170,000
	C07.0065	D40	Novel, Rapid and Mild Ru(IV) Friedel Crafts-Type Alkylation Catalysts	Pregosin	P.S.	ETH Zürich	01.02.2008	31.01.2009	55,000
	C07.0097	D40	C-C and C-Hetero bond forming reactions	Alexakis	Alexandre	Université de Genève	01.05.2008	31.10.2011	170,000
	C07.0117	D40	Homogeneous hydrogenation catalysts comprising tunable carbene ligands	Albrecht	Martin	Université de Fribourg	01.05.2008	30.04.2011	165,000
	C07.0130	D40	Ligands for Selective and Effective Catalysis	Kündig	E. Peter	Université de Genève	01.05.2008	31.10.2011	170,000
	C07.0024	D42	Chemical interactions between selected cultural metallic artefacts and indoor environment: in the new Collection Centre of the Musée Suisse Group	Wörle-Szares	Marie	Schweizer Landesmuseum, Affoltern am Albis	01.02.2008	31.07.2009	86,000
	C07.0131	D42	Influence of environmental factors on the degradation of Cuno Amiet's oil tempera paints – a pilot project	Ferreira	Ester S. B.	Schweizerisches Institut für Kunstwissenschaft, Zürich	01.05.2008	30.04.2009	65,000



Domain	SER No.	Action	Project Title	Name	First Name	Institution	Start Date	End Date	Amount (CHF)
	C07.0043	D43	Multifunctional Superparamagnetic Iron Oxide Nanoparticles for Targeted Magnetic Resonance Imaging	Textor	Marcus	ETH Zürich	01.02.2008	31.01.2011	150,000
	C07.0079	D43	Self-assembled photonic crystals from highly charged anisotropic core-shell particles	Schurtenberger	Peter	Université de Fribourg	01.02.2008	31.01.2011	150,000
	C07.0099	D43	Forces between Heterogeneously Charged Surfaces Probed by the Atomic Force Microscope	Borkovec	Michal	Université de Genève	01.07.2008	30.06.2011	170,000
ESSEM Earth System Science and Environmental Management	C07.0115	636	Bioaugmentation of membrane bioreactor for the targeted removal of xenobiotics - Proof of the concept	Covini	Philippe	FH-Nordwestschweiz, Muttenz	01.05.2008	30.04.2009	75,000
	C07.0121	636	Occurrence and fate of biocides during wastewater treatment with advanced oxidation	Alder	Alfredo	EAWAG, Dübendorf	01.05.2008	30.04.2009	57,000
	C07.0030	639	Turnover and stabilization of soil organic matter: effect of land-use change in alpine regions	Zimmermann	Stephan	WSL, Birmensdorf	01.05.2008	31.12.2010	100,000
	C07.0031	639	Turnover and stabilization of soil organic matter in high elevation grasslands	Leifeld	Jens	Agroscope ART, Zürich	01.05.2008	31.12.2010	100,000
	C07.0032	639	Climate change at alpine treelines: a research platform to study the response of soil organic matter cycling to elevated CO2 and temperatures	Hagedorn	Frank	WSL, Birmensdorf	01.05.2008	30.04.2010	30,000
	C07.0033	639	Carbon cycling in alpine soils in a warmer world	Siegwolf	Rolf	Paul Scherrer Institut PSI	01.05.2008	31.12.2010	100,000
	C07.0074	639	Testing the warming and nitrogen theory of carbon sequestration	Körner	Christian	Universität Basel	01.05.2008	31.12.2010	100,000
	C07.0068	735	Quantifying air-sea carbon fluxes and climate feedbacks using Monte Carlo and Ensemble Kalman Filter methods	Joos	Fortunat	Universität Bern	01.02.2008	31.01.2012	150,000
	C07.0077	735	Quantifying global air-sea fluxes of CO2 and N2O by the inversion of oceanic observations	Gruber	Nicolas	ETH Zürich	01.02.2008	31.01.2012	150,000
	C08.0032	ES0601	Development and implementation of methods to homogenize daily and sub-daily surface climate data	Croci-Maspoli	Mischa	Bundesamt für Meteorologie und Klimatologie, Zürich	01.01.2009	31.12.2010	100,000
	C07.0111	ES0603	Impact of micrometeorological factors on birch pollen emission (MICROPOEM)	Gehrig Bichtsel	Regula	Bundesamt für Meteorologie und Klimatologie, Zürich	01.05.2008	30.04.2011	170,000

Domain	SER No.	Action	Project Title	Name	First Name	Institution	Start Date	End Date	Amount (CHF)
FA Food and Agriculture	C08.0021	ES0604	Closing the water vapour gap	Kämpfer	Niklaus	Universität Bern	01.01.2009	31.12.2011	170,000
	C08.0037	ES0604	Lagrangian Measurements and Modeling of Cirrus clouds (LAMMOC)	Peter	Thomas	ETH Zürich	01.10.2008	30.09.2011	170,000
	C07.0109	859	Field-based assessment of the decontamination efficiency of bioavailable heavy metal fraction in topsoil by improved phytoextraction technique, using enhanced plant cultivars and agronomical practises	Herzig	Rolf	Phytotech-Foundation, Bern	01.05.2008	31.10.2009	90,000
	C07.0026	862	Plant-associated pseudomonads as a potential reservoir for novel insecticidal toxins	Keel	Christoph	Université de Lausanne	01.02.2008	31.07.2010	125,000
	C07.0127	863	Alternative control of Verticillium wilt in strawberry production: efficacy of 'biofumigation' and 'biological soil desinfestation' and impacts on non-target microorganisms as indicators of soil quality	Michel	Vincent	Agroscope ACW, Conthey	01.05.2008	30.04.2010	113,000
	C07.0038	864	Comparative genomics of Erwinia amylovora and Erwinia pyrifoliae: Elucidating pathogenicity and host-range determinants	Frey	Jürg Ernst	Agroscope Changins-Wädenswil ACW	01.02.2008	31.01.2010	100,000
	C07.0069	866	Umsetzungsmodell und Wirkungsanalyse von Green Care Angeboten in der Psychiatrie	Bächtiger	Jean-Bernard	Zürcher Fachhochschule, ZHAW Wädenswil	01.02.2008	31.01.2010	105,000
	C07.0128	866	Aussenraumgestaltung und Gartentherapie für Demenzerkrankte im institutionellen Kontext	Schneider-Ulmann	Renata	Zürcher Fachhochschule, ZHAW Wädenswil	01.08.2008	31.07.2010	110,000
	C07.0138	866	Wirkung von Naturerhaltenen in unterschiedlich bewirtschafteten Landschaftsgebieten – Potential für Green Care	Bauer	Nicole	WSL, Birmensdorf	01.02.2008	31.07.2010	125,000
	C07.0142	866	Neue Green Care Erholungsangebote in der Landwirtschaft	Kleiner	Joachim	FHO, HSR Rapperswil	01.03.2008	28.02.2010	110,000
C07.0163	866	Einbezug von Gesundheitsförderung in die Entwicklung landwirtschaftlich genutzter Kulturlandschaften in der Umgebung urbaner Siedlungsgebiete	Meier	Christine	Zürcher Fachhochschule, ZHAW Wädenswil	01.06.2008	31.05.2010	114,000	



Domain	SER No.	Action	Project Title	Name	First Name	Institution	Start Date	End Date	Amount (CHF)
	C08.0046	866	Diskussion und Interpretation der schweizerischen landwirtschaftlichen Green Carefarming - Erfassung (ART, 2008)	Bächtiger	Jean-Bernard	Zürcher Fachhochschule, ZHAW Wädenswil	01.10.2008	30.09.2010	94,000
	C07.0125	867	Characterization of chlamydial epitheliocystis agents from cultured fish	Vaughan	Lloyd	Universität Zürich	01.05.2008	31.10.2009	90,000
	C08.0036	869	Prediction of contributing areas for P-losses from agricultural land	Prasuhn	Volker	Agroscope ART, Zürich	01.06.2008	30.11.2010	119,500
	C07.0085	870	Genetic traits determining mycorrhizal responsiveness in maize	Paszkowski	Uta	Université de Lausanne	01.02.2008	31.01.2011	150,000
	C07.0102	870	Application of arbuscular mycorrhizal fungi inocula in a soybean - brassicaceae - maize rotation	Mäder	Paul	Forschungsinstitut für biologischen Landbau FiBL, Frick	01.05.2008	28.02.2011	160,000
	C07.0072	872	Comparative genomic studies on root-knot nematode species (Meloidogyne spp.) in Switzerland and Europe	Kiewnick	Sebastian	Agroscope ACW, Wädenswil	01.02.2008	31.01.2010	114,000
	C07.0139	873	Genetic analysis of the invasive stone fruit bacterial pathogen, Xanthomonas arboricola pv. pruni and applications for disease control	Duffy	Brion	Agroscope ACW, Wädenswil	01.05.2008	31.10.2011	170,000
	C06.0151	924	Development of a new method to assess the internal quality of fruits in the field and during storage using portable NMR and comparison with established non-destructive methods	Christen	Danilo	Agroscope ACW, Conthey	01.02.2008	31.07.2009	75,000
	C07.0061	924	Genomic determinants of Salmonella interactions with fresh vegetables	Duffy	Brion	Agroscope ACW, Wädenswil	01.02.2008	30.04.2009	71,000
FPS Forests, their Products and Services	C07.0005	E45	Externalitäten des Waldes und der Forstwirtschaft in der Schweiz: Ethische Aspekte	Hirsch Hadorn	Gertrude	ETH Zürich	01.02.2008	31.07.2010	125,000
	C08.0055	E45	Freizeitnutzung des Waldes: Quantifizierung regionalökonomischer Externalitäten (RegioEX)	Pütz	Marco	WSL, Birmensdorf	01.04.2008	31.03.2010	76,000
	C08.0034	E51	Weiterentwicklung der Waldpolitik durch integrative Ansätze	Zimmermann	Willi	ETH Zürich	01.01.2009	30.06.2010	76,000
	C07.0113	E52	Growth potential and drought sensitivity of beech close to the dry distribution limit	Rigling	Andreas	WSL, Birmensdorf	01.05.2008	31.07.2009	71,000

Domain	SER No.	Action	Project Title	Name	First Name	Institution	Start Date	End Date	Amount (CHF)
	C07.0023	E54	On the evaluation of the Relative bond Areas (RBA) of individual fibre for an accurate and efficient paper characterization	Michler	Johann	EMPA, Thun	01.02.2008	31.01.2011	150,000
	C08.0035	E55	Prediction and Assessment of the Life-cycle Performance of Timber Structures	Köhler	Jochen	ETH Zürich	01.04.2008	31.03.2009	57,000
	C07.0106	FP0601	Tracing nitrate in water from the forest to the aquifer using stable isotopes of oxygen and nitrogen	Graf Pannatier	Elisabeth	WSL, Birmensdorf	01.08.2008	31.07.2011	170,000
	C07.0118	FP0601	Infiltrations- und Speichervermögen gehemmt durchlässiger Böden unter Waldstandortstypen mit unterschiedlicher Durchwurzelung und deren Beeinflussung durch Bestandesaufbau bzw. Waldbehandlung.	Lüscher	Peter	WSL, Birmensdorf	01.05.2008	30.04.2011	170,000
	C07.0119	FP0601	Simulation of N cycle and nitrate leaching in subalpine forested catchments based on partitioning of 15N-labelled deposition and on a tree girdling experiment	Schleppi	Patrick	WSL, Birmensdorf	01.05.2008	30.06.2011	170,000
	C07.0120	FP0601	Water and Forests: From Segregated Policies Towards Integrated Resources Management	Zimmermann	Willi	ETH Zürich	01.10.2008	30.09.2011	62,000
	C07.0105	FP0603	Bridging the gap between forest growth and forest succession models	Bugmann	Harald	ETH Zürich	01.06.2008	31.05.2011	148,800
	C07.0112	FP0603	Vegetation dynamics in pasture-woodland landscapes under climate change: towards a modeling tool for active adaptive management of silvopastoral systems	Gillet	François	EPF Lausanne	01.07.2008	30.06.2011	170,000
	C07.0123	FP0603	MEPHYSTO: Merging empirical, ecophysiological and spatio-temporal population dynamics forest models	Lischke	Heike	WSL, Birmensdorf	01.05.2008	30.04.2011	146,000
ICT	C07.0036	2102	Prosodic and gestural expression of interactional agreement	Tschacher	Wolfgang	Universität Bern	01.02.2008	31.01.2011	150,000
Information and Communication Technologies	C07.0104	299	FIDELIO	Krainer	Lukas	Onefive GmbH, Zürich	01.05.2008	30.04.2010	113,000
	C08.0028	IC0601	INSIDE – Intuitive Sonic Interaction Design for Education and Entertainment	Crevoisier	Alain	HES-SO, HEM Genève	01.10.2008	31.03.2010	85,000
	C07.0136	IC0602	Behavior-based Preference Elicitation Method for Decision Support Systems	Pu	Pearl H.Z.	EPF Lausanne	01.04.2008	31.05.2011	170,000

Domain	SER No.	Action	Project Title	Name	First Name	Institution	Start Date	End Date	Amount (CHF)
	C08.0053	IC0603	Advanced electromagnetic model of the interaction between antennas and complex stratified media	Mosig	Juan R.	EPF Lausanne	01.10.2008	30.09.2011	169,650
	C08.0025	IC0703	Monitoring and analysis of wireless networks for a QoS-Prediction Service design and development	Konstantas	Dimitri	Université de Genève	01.10.2008	30.09.2011	170,000
ISCH Individuals, Societies, Cultures and Health	C08.0042	IS0603	Migration, health policies and the international mobility of skilled health professionals	Cattacin	Sandro	Université de Genève	01.10.2008	30.09.2011	163,000
MPNS Materials, Physical and Nanosciences	C07.0052	538	Application of the LICON Methodology to a 1%Chromium-Molybdenum-Vanadium Steel	Holdsworth	Stuart	EMPA Dübendorf	01.02.2008	31.10.2008	30,000
	C07.0134	MP0602	Nanostructured solders for high-temperature joints via Transient Liquid Phase Bonding	Janczak-Rusch	Jolanta	EMPA Dübendorf	01.05.2008	30.04.2011	170,000
	C08.0030	MP0602	Multiscale modelling of lead-free solder joint durability	Cugnoni	Joël	EPF Lausanne	01.01.2009	30.06.2011	170,000
	C08.0031	MP0602	Phase diagram investigations in the Au-Ge-X and Au-Sb-X (X = Si, Cu, Ni, Ti) systems	Leinenbach	Christian	EMPA Dübendorf	01.10.2008	31.05.2011	170,000
	C08.0039	MP0603	CAFRSdrop	Wolf	Jean-Pierre	Université de Genève	01.02.2009	31.07.2011	170,000
	C08.0038	MP0702	Fourier space imaging of nanophotonics structures	Houdré	Romuald	EPF Lausanne	01.10.2008	30.09.2010	115,000
	C07.0037	P18	Direct Lightning Current and Field Measurement System	Rubinstein	Marcos	HES-SO, EIVD Yverdon	01.02.2008	31.07.2009	90,000
	C07.0064	P21	Microdroplets as Bacteria Analyzers (MBA)	Wolf	Jean-Pierre	Université de Genève	01.02.2008	31.10.2010	150,000
	C07.0100	P21	Controlling droplets dynamics in Bio-chips	Lakehal	Djamel	ASCOMP GmbH, Zürich	01.05.2008	31.10.2010	142,000
TUD Transport and Urban Development	C08.0084	358	The Future of Walking: Perceptions, Infrastructure Design and Policy-Making (suite)	Sauter	Daniel	Urban Mobility Research, Zürich	01.08.2008	31.12.2010	81,000
	C07.0071	C27	Politique de développement dans les régions à faible potentiel	Boulianne	Louis-M.	EPF Lausanne	01.02.2008	31.01.2010	114,000
	C07.0042	TU0601	Assessment and Determination of Robustness of Structures	Faber	Michael H.	ETH Zürich	01.02.2008	31.07.2011	150,000

Domain	SER No.	Action	Project Title	Name	First Name	Institution	Start Date	End Date	Amount (CHF)
	C07.0083	TU0602	Maîtriser le foncier pour maîtriser l'urbanisation: moyens disponibles en Suisse, exemples de stratégies de maîtrise foncière et recommandations en termes de bonnes pratiques.	Ruegg	Jean	Université de Lausanne	01.02.2008	31.01.2010	114,000
TD Transdomain	C07.0110	IE0601	Untersuchungen zur Wirksamkeit von Dekontaminierungsverfahren für mit Holzschutzmitteln belastete museale Holzobjekte	Wörle-Soares	Marie	Schweizer Landesmuseum, Affoltern am Albis	01.05.2008	31.12.2009	94,500
	C08.0022	IE0601	Cultural heritage in unstable environments: when are wooden objects at risk?	Niemz	Peter	ETH Zürich	01.01.2009	30.06.2010	95,000
Total									11,549,050

Table 2 Payments in 2008 per Domain

Payments 2008	Amount (CHF)
FA Food and Agriculture	1,647,255
CMST Chemistry and Molecular Sciences and Technologies	1,495,952
FPS Forests, their Products and Services	979,133
MPNS Materials, Physical and Nanosciences	840,623
ESSEM Earth System Science and Environmental Management	798,933
TUD Transport and Urban Development	704,650
ICT Information and Communication Technologies	412,098
BMBS Biomedicine and Molecular Biosciences	355,431
ISCH Individuals, Societies, Cultures and Health	198,801
TD Transdomain	50,000
Miscellaneous	17,123
Total	7,499,999

