

2nd Meeting of the ECORD Council
CNRS, Paris, France 15.-16.12.2003

ECORD Council motions 03-02-01: ECORD Council reconfirms nomination of R. Schorno for Chair, J. Moneiro and J. Ludden as Vice-chairs and S. Dürr and S. Egelund for members of the executive.

C. Franklin moved, M. Comas seconded. All in favour.

ECORD Council Motion 03-02-02: ECORD Council approves the ECORD IODP budget of 12,493 million US\$ for the US FY 2004. For the projected shortfall Council members will consider to either raise their 2004 contribution or move forward contributions from 2005 and report at the next Council meeting including specifications of the ESO budget.

S. Dürr moved, R. Schorno seconded. All in favour.

ECORD Council Motion 03-02-03: ECORD Council approves the presented EMA and ESSAC budgets for US FY 2004.

K. Kristiansson moved, C. Franklin seconded. All in favour.

ECORD Council Motion 03-03-04: ECORD Council encourages EMA to maintain contacts with ESF and explore further opportunities for collaboration.

J. Ludden moved, J. Monteiro seconded. All in favour.

**2nd Meeting of the ECORD Council
CNRS, Paris, France 15.-16.12.2003**

Minutes

Participants

Reinhard Belocky (FWF, Austria, observer)
Jonas Björck (VR, Sweden, member)
Are Birger Carlson (NFR, Norway, member)
Menchu Comas (MCYT, Spain, observer)
Sören Dürr (DFG, Germany, member)
Dan Evans (BGS/ESO, United Kingdom, observer)
Chris Franklin (NERC, United Kingdom, member)
Anu Huovinen (AF, Finland, member)
Jeroen Kenter (VU, Netherlands, observer)
Andy Kingdon (BGS/ESO, United Kingdom, observer)
Kristian Kristiansson (RANNIES, Iceland, member)
John Ludden (CNRS, France, member)
Marcel Kullin (SNF, Switzerland, member)
Patricia Maruéjol (EMA-CNRS, France, observer)
Catherine Mével (EMA, France, observer)
José Hipolito Monteiro (GRICES, Portugal, member)
Gilles Ollier (EC, observer)
Maria L. Ruscitto (OGS, Italy, member)
Dimitris Sakellariou (HCMR, Greece, observer)
Raymond Schorno (NWO, Netherlands, member)
Alister Skinner (BGS/ESO, United Kingdom, observer)
Andrea Volbers (BGR, Germany, Minutes)
Svetlana Zolotikova (IPGP, France, observer)

Agenda

1. Welcome/introduction
2. Discussion of agenda
3. ECORD Council minutes Paris
4. Report on SPPOC and IODP Council meetings San Francisco
5. ESO report
6. ESSAC report
7. EMA report
8. EUROCORES on ocean drilling
9. PR: Bremen meeting, website, newsletter
10. Committee memberships (SAS, IMI, SPPOC, OPCOM)
11. AOB
12. Next meetings (signing, Bremen, IODP Council)
13. Signing ceremony

1. Welcome/introduction

R. Schorno opened the meeting and Council members introduced themselves. R. Schorno acted as interim Chair since there was no quorum at the first ECORD Council meeting. It was suggested reconfirming the nomination of the Chair and Vice-Chair and to draft a motion.

2. Discussion of agenda

The agenda was approved.

R. Schorno introduced the most important topics:

- Revisit (Vice) Chairs and Executive Council members
- Finalise Council and ESSAC designations, incl. alternates
- Approve minutes of Paris meeting
- Approve ECORD budget for 2004
- Approve and sign Memorandum with NSF/MEXT
- Approve IODP representations (SPPOC, SAS)
- EMA to circulate IMI application forms
- Develop a PR and communication strategy (EMA/ESO/ESSAC)
- Encourage new members to join and sign MoU
- Chair to write letters to Belgium and Greece
- EMA will propose a solution to include Canada in ECORD
- ESSAC application for infrastructure funding FP6
- ESO develop MSP plan for 2005

3. ECORD Council minutes Paris

R. Schorno summarized that some Council members were not able to read the draft minutes because they were distributed on Friday and suggested sending comments to A. Volbers. C. Mével and A. Huovinen have already forwarded their comments. A revised version should be sent to EMA.

4. Report on SPPOC and IODP Council meetings San Francisco

C. Mével reported on the SPPOC meeting December 5-6, 2003 in San Francisco. ECORD guests consisted of D. Evans and herself, whereas D. Falvey, J. Ludden, R. Schorno were present as observers. J. McKenzie, H. Kudraß, and X. Le Pichon were approved as SPPOC members by the IMI BoG. D. Falvey, however, was considered as conflicted and ECORD would have to nominate a fourth member. She summarized that NSF reported that the conversion of the non-riser drill ship will be delayed till FY05 and that the ship should be ready by mid-FY06. There might be a 6 months hiatus for non-riser drill ship operations in FY 05. As reported by MEXT, the CHIKYU should be operational by FY07. According to her, China is discussing with the Lead Agencies to join IODP as an associate member with a contribution level of 1 M\$ and will strive for full membership.

IMI Inc.

M. Talwani was appointed as IMI president, starting at January this year. H.-C. Larsen was appointed as IMI vice president for science planning, starting April this year and a call for applications was issued for the vice president for operations. The whole structure should be in place by April 2004.

FY04 Program Plan

- Jun-Aug 04: Juan de Fuca Ridge Flank Hydrogeology (Part 1)
- Aug-Sep 04: Central Arctic Paleoceanography
- Sep-Nov 04: North Atlantic Neogene-Quaternary Climate (Part 1)
- Nov 04-Jan 05: Atlantis Oceanic Core Complex (Part 1)
- Jan-Mar 05: Atlantis Oceanic Core Complex (Part 2)
- Mar-May 05: North Atlantic Neogene-Quaternary Climate (Part 2) + Norwegian Margin Bottom Water

[Figure 1 IODP budget FY 2004]

The program plan for FY04 has been approved. Because of the remaining uncertainties regarding the Arctic expedition, a watchdog (Roger Larson) has been appointed.

Relating to the 40 Million USD for FY04, S. Dürr pointed out that funds from the following year would need to be forwarded. R. Schorno introduced the handout with FY04 budget overview and ECORD budget from 15.12.2003.

PEC

The report of the Performance Evaluation Committee (PEC Chair: Susan Humphris) should be out soon and will be submitted to JOI first. Some issues should be considered at the start of the new program (data bases, publication policy, etc...)

SAS and OPCOM

- decision to move OPCOM under the direct responsibility of IMI
- chaired by the IMI vice president for operation
- members: IMI vice president science, SPC chair, IO representatives, science proponents

Evolution of the SAS

- new program requires a re-evaluation
- subcommittee chaired by P. Delaney, J. McKenzie

Conflict of interest

- need to set up a policy
- subcommittee chaired by Y. Fukao, X. Le Pichon

SOC-POC

- need for a better definition of SOC and POCs
- subcommittee chaired by N. Pias, H. Kudrass

Questions raised by the Science Planning Committee

- need for a publication policy
- definition of the minimum measurements
- naming expeditions
- need for a sample and data policy etc.

Handling of non drilling proposals:

Proposals related to the IMAGES program and based on the use of piston coring and not drilling have been submitted to the SAS. SPPOC decides that IODP should consider only drilling proposals but should promote collaboration with other programs, such as IMAGES

Timeline for FY05:

-SPC meets in March and in June. A ranking of proposals will be done at each of these meetings

-The Program Plan for FY05, based on the March ranking, needs to be approved by SPPOC in July

Next meeting:

-we have been offered to host it in Europe, together with the IODP Council meeting

-proposed date:

08-09.07. SPPOC (or 14-15.07.)

10.07. IODP Council (or 16.07.)

J. Ludden offered to host the meetings in Paris.

The first IODP Council meeting was located in San Francisco (07.12.2003). R. Schorno (Council Chair), J. Ludden (Vice-Chair), J. Monteiro (Vice-Chair), S. Egelund, and H. Kudrass participated.

According to the IODP Council ToR, the IODP Council is a consultative body, where the funding agencies can have an open discussion on the way their money is spent. ECORD asked what would happen if there was a hiatus in the non-riser drill ship operations and if the CHIKYU was delayed. NSF and MEXT answered that this should not change the level of the P.U. and that this question will definitely have to be discussed if it happens.

Presentation of the Program Plan approved by SPPOC

-IMI: IMI has presently 22 members. ECORD needs to appoint European members in January. The next meeting will be in late March.

-approval of proposed members

-election of IMI BoG members (ECORD is entitled 2)

C. Mével asked Council members to forward the names of potential candidates before March. S. Dürr recommended encouraging IMI membership. IMI members would vote for the new BoG members but unfortunately there would not be any European member yet. R. Schorno reminded on the action item to apply for IMI membership since there would be two seats, two European institutions would be needed. According to A. Kingdon, the BGS will join IMI Inc. C. Franklin reminded Council members that the BoG would be the committee of control.

C. Franklin added that he sent information on potential organisations that might join IMI to Austin and suggested revisiting his list to bring forward the IMI membership issue. Potential European institutions could be:

France: IPGP, IFREMER

United Kingdom: BGS, Cardiff University, Southampton University

Italy: University of Trieste

Switzerland: K. Marcel will talk to J. McKenzie about potential Swiss institutes

Sweden: Stockholm University

Netherlands: Vrije Universiteit Amsterdam

Germany: AWI, Bremen University, GEOMAR

Spain: High Council for Scientific Research, IEO-Spanish Institute of Oceanography, University of Barcelona

Portugal: IGM, CIMAR, Association of Paleoceanography

Norway: University of Bergen

C. Franklin summarized that there would be a shortfall of 2 Million US\$ for the Arctic operation. NERC would have started the contract in process and J. Lawton will continue. He stated that NERC will bring forward as much money as possible (~ 1 Million US\$) and asked ECORD Council members to do the same. He suggested not cutting back the Arctic program to balance the shortfall. C. Mével interjected not to bring forward too much money because there might be other expeditions in FY05. S. Dürr stated that ¼ of DFG funds for 2005 could be forwarded. R. Schorno clarified that the Netherlands' contribution will be 0.47 Million US\$ instead of 0.047 Million US\$. J. Björck pointed out that Sweden could offer another 50 000 US\$. ECORD Council members discussed how new members could be encouraged to participate in the project. A. Skinner asked whether a Russian ice-breaker could be regarded as in-kind contribution. J. Ludden clarified that it was run by a commercial company but offered to give it a try. C. Mével asked ECORD Council members to approve the budget. It was suggested pulling additional funds forward and reporting on this issue at the next Council meeting. C. Franklin explained that NERC would have to manage every shortfall and asked ECORD Council to adopt the Arctic budget of 12.6 Million US\$. S. Dürr asked for clarification regarding the ESO maintenance costs and requested more details on a separate list. Parts of the costs could be picked up by the ERA-NET. D. Evans summarized that there were many uncertainties on the whole costs. It was stated that the three different IOs would be responsible for their logging. K. Marcel requested additional information for the EMA budget. R. Schorno added that it would be important to get funding back for EMA activities. ECORD Council members discussed the budget of the Arctic drilling and forwarding funds from the upcoming FY to finance the Arctic operation. In relation to this, S. Dürr asked for more details of the Tahiti budget and A. Skinner answered that it might be half of the costs for the Arctic. The science costs would seem to be the same, operation costs would be around 5 Million US\$ and 3 Million US\$ should be returned via SOC's. C. Mével stated that there should be enough money to drill Tahiti otherwise funds of FY06 could also be forwarded. S. Dürr added that there should not be any cutbacks regarding the Lomonosov Ridge. A. Skinner answered that the budget would be related to the number of days. 20-23 days would be planned for the Arctic operation. The science party will fall in US FY05.

12. Next meetings

-IODP Council meets once a year

-IODP council meets after the SPPOC meeting approving the program plan, i.e. July

-July 2004: in Europe- 10.07. or 16.07.2004, location to be determined (maybe Paris)

-July 2005: on board of the CHIKYU

The next ECORD Council meeting will be in Bremen, March, 16.

5. ESO report

D. Evans gave the ESO report. ESO is composed of the British Geological Survey, the University of Bremen, and the European Petrophysics Consortium. D. Evans summarized the ECORD structure, the ESO management structure, and IODP MSP proposal ranking. Projects would be allocated to MSPs according to scientific ranking by the IODP SAS.

Proposal 533 (Lomonosov Ridge, Arctic Ocean) was previously ranked No. 1 and would be in its implementation stage (planned for August-September 2004). Proposal 519 (Tahiti and Great Barrier Reef) was newly ranked No. 1 and was planned for 2005. Proposal 564 (New Jersey Margin) was newly ranked No. 4. The Arctic Scoping Group (ASG) consists of K. Becker (Chair), M. Coffin, D. Huey, M. Hovland, T. Janacek, U. Pahl, U. Suzuki, J. Austin (observer), J. Farrell (observer), J. Backman (proponent), K. Moran (proponent), and ESO. The ASG mandate is to demonstrate that a proper planning procedure for IODP implementation of Proposal 533-Full3 at Lomonosov Ridge has taken place and that a thorough and detailed planning procedure has taken place. In addition, it should assess how well the operational plan can be expected to deliver the proposed science objectives of proposal 533-Full3. An appropriate mix of 3 vessel was identified and the operational plan was find clearly constructed to address the top science priority (full recovery of Tertiary), but seems to require completion of piston coring tool development. D. Evans presented the provisional schedule for the Arctic drilling.

[Figure 2 schedule Arctic]

The science party will consist of an “Offshore Science Party” (August-September 2004) which will be only a portion of the Science Party and an “Onshore Science Party”. The “Onshore Science Party” which is regarded as the true ‘Science Party’ with associated privileges and obligations under IODP Principles will meet in November 2004 in Bremen, where the offshore party will also participate. This will be the main locus of scientific task; end will be the start of the moratorium period.

Constraints are:

- Deck space for only 5 x ESO 20-foot containers
 - Drilling workshop (? 2 small containers)
 - Curation
 - Petrophysics, including MST
 - 2 x core storage
- No ‘office space’ on ship (? personal cabins)
 - Curation and petrophysics containers may be able to provide workstation space (no core splitting)
 - Conference room and hospital used for accommodation

Drillship science work plan:

- Core recovery and gas monitoring
- Basic curation, labelling and description of core
 - Shoe sample for M’pal and lithological analysis transferred to Oden on regular basis
- Downhole logging
- MST logging
- Core storage
- Sub-sample for:
 - Physical properties, pore waters or other analyses that require immediate sub-sampling
 - Freezing of microbiology samples?
 - Further discussion required, including Co-chiefs
- Associated data management of all activities

Oden science work plan:

- M'pal preparation and analysis
- Sedimentology
- ? Microbiology
- Stratigraphic correlation
- Data management centre
- Cruise report preparation and compilation centre
- Others?
- Communications centre
- Fleet- and ice-management

[Figure 3 onshore science party]

D. Evans introduced the new Bremen core repository which is being built on university campus and the IODP Information Services.

According to him, the third part of ASG Mandate is to show that there is a clear project plan, including a viable fleet and ice-management plan. ESO and SPRS have developed good generic fleet-management and ice-management plans.

The operational strategy is that icebreakers protect the drillship. The IB will be used as "Forward Protection" (up ice stream) and ice testing probe whereas the Oden will act as "Drillship Protection" also communications and science centre for operations. The drillship and the Oden sail under the Swedish flag.

As stated by D. Evans, the fourth part of the ASG Mandate is to demonstrate that an adequate risk assessment, including financial risks, has been undertaken. Risk-aversion thinking would pervade all aspects of the ESO planning

Health, Safety and Environment:

-All operations in the remote High Arctic must be carried out to the highest standards

- For the health and safety of all personnel involved
- For the protection of this fragile, unspoilt environment

- The ESO will operate to its own set of guidelines that will follow established NERC/BGS Health and Safety Policy.

- These will be integrated with the IODP Health and Safety Policy and the specific vessel ISM requirements.
- In the event of all encompassing policies having different standards, the highest practicable will always be used.

According to D. Evans, the ASG Mandate also requires to present project costs. Costs were presented and ASG were impressed with the provision of contingency funds.

2004 project costs (\$US x 1000) - In Confidence:

	SOCs	POCs
• Vessels	0	7763
• Other operations	295	1145

• ESO operations	870	220
• ESO onshore	746	85
• Contingency	150	500
• ESO Liaison, planning	694	25
Sub-total	2755	9738
Total		12493

Vessel costs (US\$ x 1000) – In Confidence:

• Drilling vessel with all facilities and crew	4158
• Oden, less Swedish contribution	785
• Icebreaker	1920
• Swedish contribution of Oden	900
Total	7763

The ASG Mandate further requests to show that the operation will be fully integrated into IODP. According to D. Evans, ESO is guided by IODP principles, is embracing all aspects of IODP procedures, and in some cases is leading in efforts to develop new IODP capabilities.

Tahiti/Great Barrier Reef:

- Planning is starting on this No.1 ranked proposal
- Meeting on Wednesday 17th with named Contact Proponent
 - Gilbert Camoin
- Difficulties in arranging meeting with Australian Authorities
 - Dave Falvey has meeting with them in January
 - At present there is a ban on Australian reef hydrocarbon drilling
 - Clearances may be difficult to obtain in the short term

C. Mével stated that there should be more MSP proposals over the next years. J. Ludden explained how much European technique was built into the CHIKYU: 90 Million US\$ of 400 Million US\$ came from Europe to build the vessel. Testing and training of the crew would be done by Norway. It was discussed to invite Japanese scientists to the Mediterranean tectonics group since they have expressed their interest to work closely together with European scientists.

Since ESO costs 2004 should be discussed by ECORD Council members, R. Schorno requested ESO personal to leave the room. D. Evans, A. Kingdon, A. Skinner left the room, followed by C. Franklin.

R. Schorno mentioned that the ESO budget was circulated. ECORD Council members suggested asking EMA to renegotiate BGS rates for personnel and asking BGS for clarification regarding their maintenance costs (in case there would not be any MSP operation in a FY). Annual ESO and EMA budget should be presented more timely in orders to be able to discuss budget without time pressure to approve. EMA was asked to report on this issue at the next Council meeting.

D. Evans, C. Franklin, A. Kingdon, and A. Skinner reverted. They were told that EMA was asked to give clarification on the ESO budget. R. Schorno summarized that questions regarding the maintenance part would have been raised that concern the budget of the next years. The budget for 2004 would be accepted as it stands. It was decided to talk about the EMA budget after the ESSAC report.

6. ESSAC report

J. Kenter gave the ESSAC report.

- ✓ 1st ESSAC Meeting Amsterdam 14-15 November 2003 - Executive Summary:

Item 7 ESSAC Shipboard Staffing

- Formulated a reply to John Farrell, concerning the decision that although ESSAC does see a role for IMI in staffing issues, they feel that it would be sufficient if staffing is directed solely through a portal on the ESSAC web site (Enclosure). The web portal has been opened and the community has received a message to apply for FY05-05 expeditions
- Tentative deadline of Friday January 23rd 2004 for a day staffing meeting (flying in and out the same day) in Amsterdam to conclude the staffing decisions for possibly 2 JR-type expeditions (recent information from TAMU) and the MSP Arctic expedition

Item 7E ECORD Nominations for FY04-05 shipboard and shore-based science parties

- The ESSAC office has posted an informal call for expression of interest in the upcoming IODP legs on its web portal (<http://www.geo.vu.nl/~essac/>) and will inform USSAC and J-DESC of the action.

Item 8B ECORD delegates and alternates on the SAS panels

- Kenter will send out an email requesting nominations for panel membership, which should be returned by December 5th (was moved and announced by e-mail). The nominations will be approved when the ECORD council meets December 15-16th.
- To retain expertise, when panel members rotate, no more than one third of the members should be replaced at one time.

Item 15 ESSAC support for the ICDP-IODP EuroForum 2004 Meeting, 17-19 March 2004, Bremen University, Germany (Hermann Kudrass)

- Kenter, Arnold, Gerald Wefer and Kudrass will meet on December 18 to discuss Education and Public Outreach (March 16) as well as organizing the ICDP-IODP EuroForum 2004 Meeting and setting up a proposal-writing workshop.
- It is agreed that the 3rd ESSAC meeting can be combined with the ICDP-IODP EuroForum 2004 Meeting; the only possible date would be the 15th of March.
- Arnold and Kingdon will draft a paper on the proposal-writing workshop.
- Delegates will provide the ESSAC Office with science themes and names of possible speakers before December 18th.

Item 16 ESSAC Business various

- The request that the appointment of the ESSAC Chair (Kenter) and Vice-chair (MacLeod) should be granted for two years is approved with consensus.
- ESSAC establishes a working group (WG) consisting of McKenzie, MacLeod, Ildefonse and Camerlenghi on Publications. The WG will provide a draft report summarizing arguments for out-sourcing the publication of ODP material as discussed in the letter of Ken Miller (Encl. 16e), and cc communications to ESSAC. Deadline for the report is December 24th.
- ESSAC establishes a working group (WG) consisting of Arnold, Kingdon and Mevel on Education and Outreach. The WG will provide a brief summary of how they envisage the

ODP system to be promoted amongst students, and cc communications to ESSAC. Deadline for the report is December 24th.

- ✓ ESSAC website (<http://www.geo.vu.nl/users/essac>) and e-mail address (essac.amsterdam@falw.vu.nl)

- Active and user-friendly ESSAC website (<http://www.geo.vu.nl/users/essac>); providing staffing info but need for review style and content
- Email address (essac.amsterdam@falw.vu.nl); for all communication
- Future and links with ECORD site needs discussion

- ✓ ESSAC delegates/alternates nominations

A list of nominations was presented

[Figure 4 ESSAC presentation]

- ✓ ECORD representation SAS structure IODP

- Original deadline passed; still waiting for several nominees and CVs; sufficient quantity and quality nominated but need for new generation
- Decided to give this grace time to assure good start ESSAC
- Retain 1-third of current members
- Apply Col statement
- Nominations based on contribution level AND required expertise over 3-year rolling period
- Difference between technical panels and others (SPC, SSEPs, SSP)
- Permanent alternate for SPC, SciMP, SSEPs
- Non-voting members on case by case basis
- Need for ECORD Council approval of updated contribution table by Schorno (holds also for shipboard participation)

- ✓ IODP staffing procedures-ESSAC view

New application procedure:

ECORD Science Support and Advisory Committee (ESSAC) as the “National Office” for ECORD participation in IODP. Staffing decisions are made in consultation with, co-chief scientists, the implementing organizations (JOI Alliance for the non-riser vessel, ECORD Science Operator for mission-specific platforms, and CDEX for the riser vessel Chikyu), and reviewed by the IODP Central Management Office. Final staffing authority lies with the respective implementing organization. Staffing for expeditions begins 6-9 months precruise. IMI has oversight role to review running balance and will only actively interfere when conflicts arise (ESSAC view).

- ✓ ECORD staffing status

[Figure 5 ESSAC presentation staffing]

S. Dürr pointed out that Germany would pay 1.5 PU in fiscal year 2004 and C. Mével added that she will forward the new numbers to J. Kenter. R. Schorno asked whether in-kind contribution would count for half of their value. J. Kenter summarized that ESSAC would like to have some guidance how to calculate the percentages.

- Jun-Aug 04: Juan de Fuca Ridge Flank Hydrogeology (Part 1)
- Aug-Sep 04: Central Arctic Paleoceanography
- Sep-Nov 04: North Atlantic Neogene-Quaternary Climate (Part 1)
- Nov 04-Jan 05: Atlantis Oceanic Core Complex (Part 1)
- Jan-Mar 05: Atlantis Oceanic Core Complex (Part 2)
- Mar-May 05: North Atlantic Neogene-Quaternary Climate (Part 2) + Norwegian Margin Bottom Water
- No Riser vessel (CHIKYU) projects currently scheduled (riser operations expected to commence in 2006)

✓ ESSAC Science Office – implementation

- Awaiting ECORD Council approval budget (100 kEuro)
- Science Office is up and running with aid of Purkis (0.5 till 1st January 04) and student assistant (0.4 till 1st march 04)
- Science coordinator expected to start March 1st 04
- Moving to new office at VU January 1st 04
- Second ESSAC (staffing) meeting is tentatively planned for January 23rd 2004 in Amsterdam, The Netherlands (for convenience).
- Third ESSAC meeting is scheduled for March 15th 2004, pending further discussion (before ICDP-IODP EuroForum 2004 Meeting, 16-19 March 2004)

7. EMA report

C. Mével gave the EMA report. The ECORD MoU was sent to the member countries for signature and 12 countries officially joined ECORD (Denmark, Finland, France, Germany, Iceland, Italy (OGS), Netherlands, Norway, Portugal, Sweden, Switzerland, United Kingdom). Spain would be waiting for a decision on December, 19; Ireland and Canada hope to join early next year, and Belgium may join ECORD in 2005. Representatives from Greece and Austria attend this meeting and contacts with Turkey and Russia would exist.

FY04 budget

Because the IMI structure has not been in place yet, ECORD would keep all the funds (SOCs and POCs). But at this point, ECORD would be still missing funds to cover the Arctic expedition.

Revised ECORD budget 15.12.2003:

The present ECORD budget for FY04 is as follows. It includes funds moved forward from FY05 to support the Arctic operation.

[Figure 6 ECORD budget revised]

Budget ESSAC and EMA:

C. Mével presented the ESSAC and EMA budget.

Meeting with NSF and MEXT, 8/12/03:

- ECORD representatives: C. Mével and J. Ludden
- Discussion on the status of the Memorandum, new copy handed to EMA with minor modifications
- ECORD representatives raised the problem of Intellectual Property Rights, the text need to be agreed on as soon as possible, the final text has to be approved by their legal entities
- Signature at the NSF and MEXT level probably done by mail, but some kind of celebration with M. Leinen and Y. Tanaka is planned. Possibly in Bremen?

1 – Status of this document

This Memorandum and its annexes are not legally binding, do not give rise to obligations or commitments under international law, and should have no effect as legal precedents.

2 – Membership in the IODP

The EMA has elected to be a contributing IODP member and intends to cooperate and participate in the IODP in support of the IODP science program during the period of 1 October 2003 to 30 September 2013.

All cooperative activities described in this Memorandum, including funding arrangements and exchanges of technical information, equipment, and data, are conducted within the limits of available funds and in accordance with the national laws and regulations of each participant, as well as with international agreements to which the participants are party, particularly any intended to prevent, reduce, and control pollution of the marine environment.

C. Franklin added that he would prefer to add a sentence regarding IP Rights.

Other activities

- C. Mével attended the ESSAC meeting in Amsterdam, 14-15/11
- the ECORD website is being modified
- Contact with M. Hildebrand regarding EUROCORES
- IODP booth at AGU : ECORD material enquiry for an ODP booth at the IGC in Florence, cost very high - 5000 € - possibility to use some space of the IODP booth (B. Fish)
- C. Mével presented ECORD at the IODP Town meeting, 8/12/04
- C. Mével, together with J. Ludden, R. Schorno and J. Monteiro informally met with M. Talwani - he will try to attend the Bremen meeting, Manik requested an indication on the 10 year budget for SOCs, for ESO and EMA

-ECORD newsletter, wait for official signature of the ECORD MOUs

-Next meetings

- ESSAC meeting, 23/21
- Y. Tanaka will visit the EMA office on Jan 29th
- I.O. meeting in Edinburgh, 27-28/2
- IMI sponsored workshop on education and outreach- early march ?
- Bremen : ESSAC, ECORD Council, IODP - ICDP Euroforum 16-19/3/04
- SPC, Washington DC, 22-25/3/03
- Conference Eurocean 2004, Galway, Ireland, 10-13/5/04

G. Ollier added that it would be important to attend these meetings and pass the right information to the right persons. This last meeting will give a good opportunity to promote ECORD. There should be the chance to present brochures and posters should be visible. ECORD Council members should attend the meeting and discuss the European Research Area. ECORD Council members discussed who will attend the meeting. G. Ollier pointed out that the Integrated Projects should be considered. An European ODP action, e.g. on paleoclimatology would be desired and a research project could be set up.

C. Franklin asked G. Ollier about IP Rights who responded that it would be possible that there would not be any reference and promised to look it up.

K. Marcel suggested replacing “EMA” by “ECORD” and C. Mével answered that CNRS would sign the document for ECORD. J. Ludden suggested drafting the paragraph and distributing it by email. C. Mével suggested deciding on this issue during the next day. The wording of the motions should also be discussed the next day and the ESSAC and EMA budget need to be approved. All other items belong to the ERA-NET.

The ECORD Council meeting was continued on December, 16.

Participants

Reinhard Belocky (FWF, Austria, observer)

Jonas Björck (VR, Sweden, member)

Are Birger Carlson (NFR, Norway, member)

Menchu Comas (MCYT, Spain, observer)

Sören Dürr (DFG, Germany, member)

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Jeroen Kenter (VU, Netherlands, observer)

Andy Kingdon (BGS/ESO, United Kingdom, observer)

Kristian Kristiansson (RANNIES, Iceland, member)

John Ludden (CNRS, France, member)

Marcel Kullin (SNF, Switzerland, member)

Patricia Maruéjol (EMA-CNRS, France, observer)

Catherine Mével (EMA, France, observer)

José Hipolito Monteiro (GRICES, Portugal, member)

Gilles Ollier (EC, observer)

Maria L. Ruscitto (OGS, Italy, member)

Dimitris Sakellariou (HCMR, Greece, observer)

Raymond Schorno (NWO, Netherlands, member)

Alister Skinner (BGS/ESO, United Kingdom, observer)

Andrea Volbers (BGR, Germany, Minutes)

Svetlana Zolotikova (IPGP, France, observer)

R. Schorno reported on the signing ceremony and the press conference that were held yesterday evening and introduced items that need to be covered or revisited:

8. EUROCORES on ocean drilling

9. PR: Bremen meeting, website, newsletter

- Approval of ECORD budget for 2004
- Approve and sign memorandum with NSF/MEXT

ECORD Council motions 03-02-01: ECORD Council reconfirms nomination of R. Schorno for Chair, J. Moneiro and J. Ludden as Vice-chairs and S. Dürr and S. Egelund for members of the executive.

C. Franklin moved, M. Comas seconded. All in favour.

S. Dürr stated that there should be more time to discuss the next budget since he did not have the chance to take a look at the details before this meeting. C. Franklin replied that there would be a standstill if the budget would not be approved yet. C. Mével asked C. Franklin why the ESO budget would be so high even if there was no MSP operation and C. Franklin promised to explain ESO's budget at the next Council meeting.

ECORD Council Motion 03-02-02: ECORD Council approves the ECORD IODP budget of 12,493 million US\$ for the US FY 2004. For the projected shortfall Council members will consider to either raise their 2004 contribution or move forward contributions from 2005 and report at the next Council meeting including specifications of the ESO budget.

S. Dürr moved, R. Schorno seconded. All in favour.

ECORD Council Motion 03-02-03: ECORD Council approves the presented EMA and ESSAC budgets for US FY 2004.

K. Kristiansson moved, C. Franklin seconded. All in favour.

C. Mével referred to membership in IODP: "Intellectual property rights will be protected in accordance with existing and future international agreements between member organisations." There were no comments on the wording. She will send the revised text to NSF and MEXT and maybe the Memorandum could be signed by the end of January or early February.

8. EUROCORES on ocean drilling

M. Hildebrandt sent her slides on EUROCORES to C. Mével who gave the EUROCORES presentation.

- EUROCORES – European Science Foundation Collaborative Research Programmes
- Started in 2000/2001
- To provide critical mass in a specific topic in Europe
- Open and transparent variable geometry, with a minimum of 4 participating countries
- International Peer Review
- Funding remains national but is "networked"

[Figures 8 + 9 EUROCORES slides]

-The EUROCORES Scheme is specifically identified within the Sixth Framework Programme as one of the instruments to be supported within the activity "Strengthening the Foundations of the ERA".

-A provisional amount of up to €20m over 4 years was allocated.

-The ESF submitted a proposal for support of EUROCORES to the European Commission in April 2003. Following a very positive independent expert evaluation, ESF is in detailed negotiations with the European Commission and a contract for a first 18 months tranche of a four year programme is expected to be signed shortly.

-The contract will probably consist of two work packages: The first covers the overall management and development of the Scheme which will involve consultation on improving the EUROCORES mechanisms with participating agencies during 2004. The second work package is support for networking within the EUROCORES programmes themselves.

R. Schorno suggested forwarding the ESF EUROCORES presentation together with the draft Minutes. G. Ollier encouraged ECORD Council members to bring their national efforts together. It was discussed that all countries should spend as much money as possible to convince the EC to add some glue money.

R. Schorno asked how ECORD Council members could encourage Austria and Greece to participate in the Consortium. R. Belocky explained that the Austrian Science Foundation and the Academy of Sciences would need to agree both and might discuss this item in spring. They might decide about a small contribution that might be increased depending on the response from Austrian scientists. C. Mével pointed out that it would be sufficient if one organisation was willing to join. R. Belocky added that the Austrian science community would be very interested in the programme and that he planned a workshop on IODP in Austria. ECORD Council members discussed the possibility to use ERA-NET money to bring Austrian scientists to the Euro-Forum in Bremen. D. Sakellariou explained that the General Secretariat for Research and Technology would need to approach the politicians to contribute to IODP. The Greek scientific community would be active but small. However there would have been a call for proposals from the General Secretariat for Research and Technology to strengthen international relationships and "IODP Hellas" (conference and committee) was established in Greece. He added that he would know by the end of January or early February whether their proposal was funded and told Council members that he would appreciate any kind of help by ECORD Council. C. Mével suggested asking EMA office for assistance. R. Schorno asked whether Greece could join ECORD by 2005 and D. Sakellariou replied that this would be very optimistic. R. Schorno asked whether these countries would prefer to join via an ESF consortium or as individual countries. R. Belocky replied that Austria would prefer to join individually. It was discussed that it might be easier for Belgium to get funding if ESF participates and R. Schorno summarized that a role for ESF was desired. K. Kristiansson replied that he would not see any benefits involving ESF. ESF and EUROCORES would increase the work load. R. Schorno referred to FP7 and K. Kristiansson added that it would be good to involve ESF in case ESF would support them directly. S. Dürr suggested not excluding ESF. R. Schorno reminded Council members to find ways to raise new funding. According to A. Kingdon this would be a classic ERA-NET activity and EMA should explore possible ways to raise funds.

ECORD Council Motion 03-03-04: ECORD Council encourages EMA to maintain contacts with ESF and explore further opportunities for collaboration.

J. Ludden moved, J. Monteiro seconded. All in favour.

11. AOB

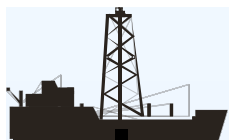
C. Franklin thanked J. Ludden and C. Mével for the well-done signing ceremony, press event, and the Council dinner.

FY04 Program Costs⁺

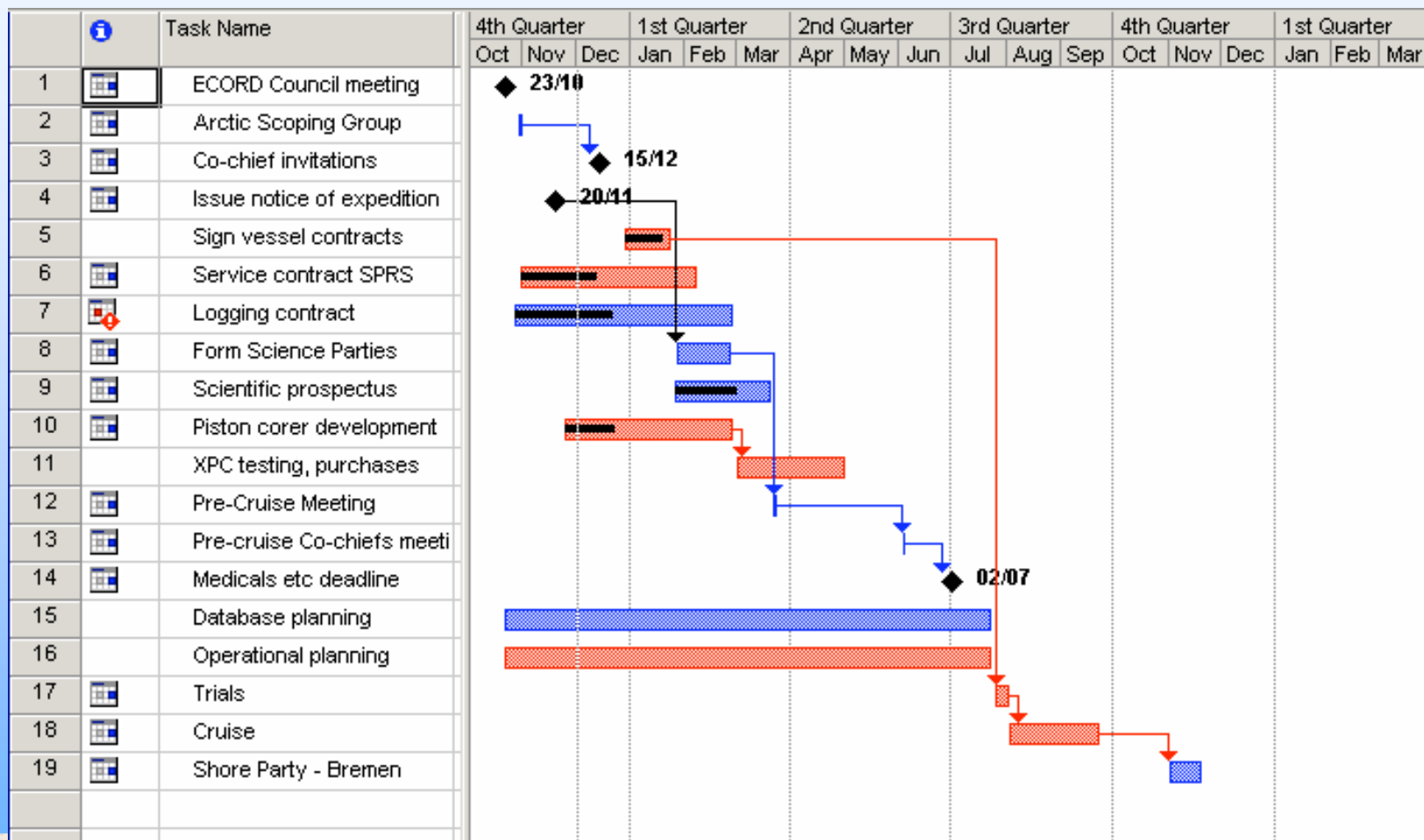
Entity	Specifics	SOCs	POCs	Total (\$K)
IMI	TOTAL *	\$ 2,000	\$ -	\$ 2,000
JOI Alliance				
	JOI	\$ 730	\$ 1,080	\$ 1,810
	TAMU	\$ 6,889	\$ 10,438	\$ 17,327
	LDEO	\$ 2,367	\$ 618	\$ 2,984
	TOTAL	\$ 9,986	\$ 12,136	\$ 22,121
ESO				
	Planning & maintenance	\$ 694	\$ 25	\$ 719
	Arctic expedition	\$ 2,061	\$ 9,713	\$ 11,774
	TOTAL **	\$ 2,755	\$ 9,738	\$ 12,493
CDEX	TOTAL	\$ 318	\$ 3,082	\$ 3,400
Grand TOTAL		\$ 15,059	\$ 24,956	\$ 40,014
* Excludes subcontracts for database, repositories, and engin. dev.				
SAS/SAO office costs are included, but amounts are not specified.				
NSF ODP funds, through JOI, will support the data bank in FY04. IMI will be responsible for providing data bank services in FY05 and beyond.				
** Excludes the commingled SOC's contribution to the EMA office.				

⁺ for the JOI Alliance, includes long-lead time equipment items purchased for FY05 science, does not include \$2.5M in vessel mobilization costs (POC)

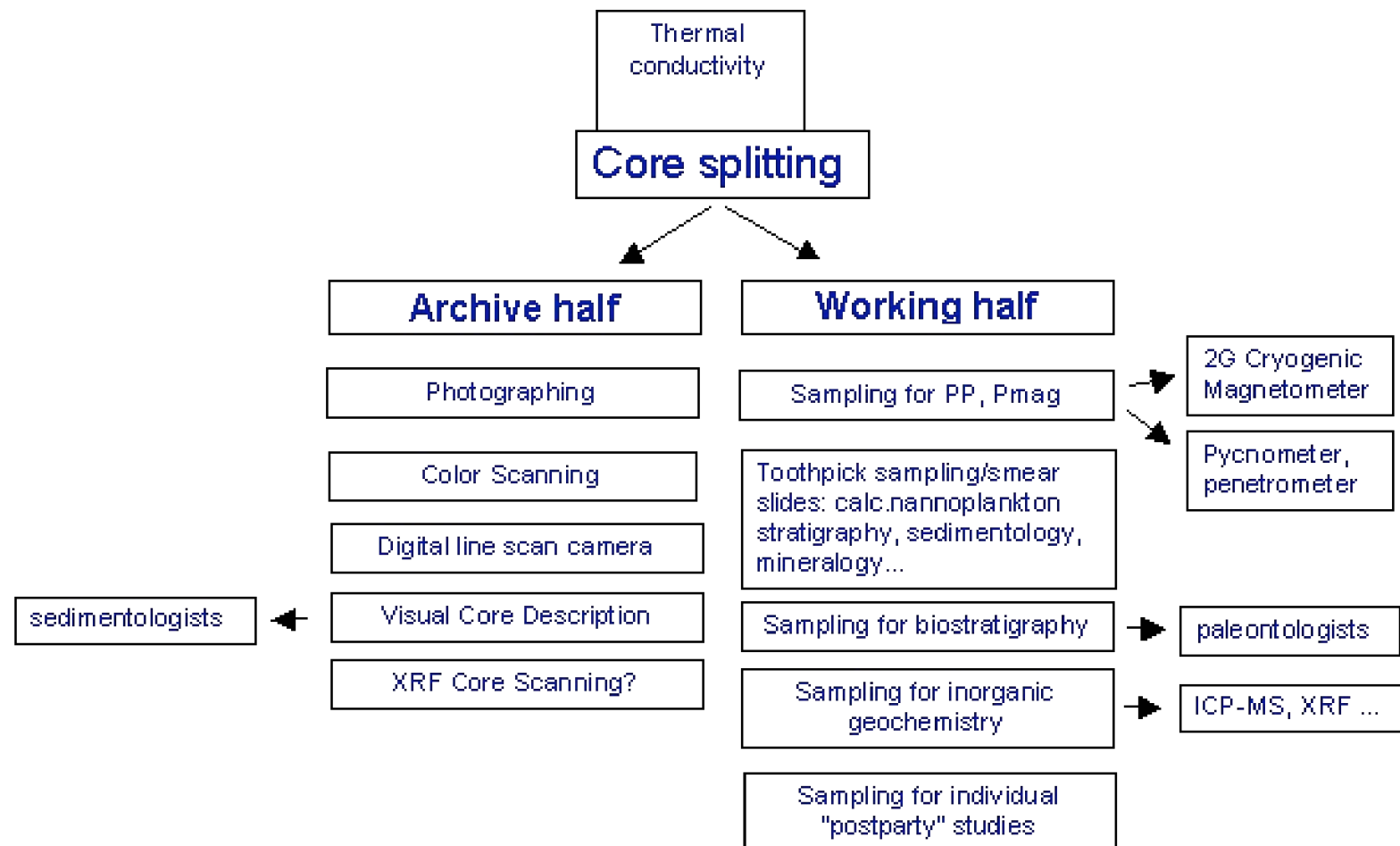
- No budget guidance was provided by the Agencies.
- For FY04 only, both SOC's and POC's flow from the Agencies to the IOs.



Provisional schedule



Operations at the Onshore Science Party



ESSAC delegates/alternates nominations

ESSAC delegates/alternates addresses (as of 3 December 2003)			
Name	Country		
Kathryn Gillis	Canada	Benoit Ildefonse 2)	France
Dominique Weis	Canada	Peter Brumsack 1)	Germany
Angelo Camerlenghi 1)	Italy	Hermann Kudrass temp	Germany
Marco Sacchi 2)	Italy	Bjarni Richter 1)	Iceland
Menchu Comas Minondo 1)	Spain	Arny Sveinbjornsdottir 2)	Iceland
Víctor Díaz del Río 2)	Spain	Fatima Abrantes 1)	Portugal
Jeroen Kenter 1)	Netherlands	Fernando J.A.S. Barriga 2)	Portugal
Frits Hilgen 2)	Netherlands	Eve Arnold 1)	Sweden
Chris MacLeod 1)	United Kingdom	Sweden alternate pending	Sweden
Judy Mc Kenzie 1)	Switzerland	Paul Martin Holm 1)	Denmark
Helmut Weissert 2)	Switzerland	Susanne Egelund - pending	Denmark
Kari Strand 1)	Finland	Rolf Birger Pedersen 1)	Norway
Dr. Annakaisa Korja 2)	Finland	Pending 2)	Norway
Gilbert Camoin 1)	France	1) delegate; 2) alternate	

ESSAC delegates/alternates nominations and staffing: contribution levels

ECORD revenues	2003/2004	2004/2005	2005/2006	2006/2007	average	FY04-05	FY06
France	25%	25%	25%	25%	25%	10.0	16.0
Germany	25%	25%	25%	25%	25%	10.0	16.0
UK	25%	25%	25%	25%	25%	10.0	16.0
							0.0
Canada*	3.653%	2.112%	2.082%	0.000%	1.962%	0.8	1.3
Denmark	6.088%	3.520%	3.471%	3.544%	4.156%	1.7	2.7
Finland	0.808%	0.467%	0.461%	0.471%	0.552%	0.2	0.4
Iceland	0.365%	0.211%	0.208%	0.213%	0.249%	0.1	0.2
Ireland*	0.365%	0.211%	0.208%	0.213%	0.249%	0.1	0.2
Italy	0.913%	1.056%	2.429%	2.481%	1.720%	0.7	1.1
The Netherlands**	3.166%	1.478%	1.458%	1.489%	1.898%	0.8	1.2
Norway	3.653%	4.927%	4.859%	4.962%	4.600%	1.8	2.9
Portugal	1.096%	0.634%	0.625%	0.638%	0.748%	0.3	0.5
Spain	1.826%	2.464%	2.429%	2.481%	2.300%	0.9	1.5
Sweden#	10.495%	2.323%	2.291%	2.339%	4.362%	1.7	2.8
Switzerland	1.826%	2.464%	2.429%	2.481%	2.300%	0.9	1.5
	34.254%	21.866%	22.951%	21.312%	25.096%	10.0	16.0
# in kind contribution attributed for 0,45 million							

ECORD budget 15/12/2003

	2003/04	moved forward from FY05	
Denmark	0,5		
Finland	0,06638		
France	2	0,5	
Germany	2,25		
Iceland	0,03		
Italy (OGS)	0,075		
Netherlands	0,46	0,021	
Norway	1	0,7	
Portugal	0,09		
Sweden	0,412		
Switzerland	0,15		
UK	2,5	1	
total	9,53338	9,53338	

Oden	0,9		
Total	0,9	0,9	
		total	10,4334

still pending

Spain	0,15
Italy (CNR)	0,075
Canada	0,22

Budget ESSAC		Budget EMA	
Salary postdoc 12 months	67529	Salary postdoc	55340
Student assistant (0.4 * 6 months)	7478	Scientific coordinator (80% of 63400)	50720
Purkis (0.5 * 3 months)	6020	Secretary (100%)	57350
Travel (6 x 2 days Eu, 2 x 7 days int.)	6600	Travel (with 63400)	40000
Overhead		Overhead 20%	10000
		EMA start-up	25000
		Other costs (publications, etc.)	10000
		Overhead 20%	49682
Total	101627	Total	298092
ECORD-net 2004	40000	ECORD-net 2004	200000
support from Netherlands	60000		
support from ECORD funds	/	support from ECORD funds	100000