



ECORD Council Spring Meeting #8 (virtual)

Session 1: 23 June 2022

Session 2: 24 June 2022

MINUTES

AGENDA

June 23rd, 2022 – 10:00 am / 1:00 pm CET

- 1. Post-2024 scientific ocean drilling: ECORD/Japan Programme and views from other IODP partners (G. Camoin / All)**
- 2. ECORD News (G. Camoin, A. Camerlenghi, G. Uenzelmann-Neben, D. McInroy, S. Davies, M. Bednarz)**
- 3. MSP expeditions**
 - 3.1 X386 update (D. McInroy / J. Everest)**
 - 3.2 X377 ArcOP update (G. Camoin/SPRS, CIRIO and CNRS guests)**

June 24rd, 2022 – 10:00 am / 1:00 pm CET

4. X377 ArcOP update – additional discussions (G. Camoin/K. Gardfeldt)

5. IODP news: JRFB report (G. Camoin)

6. 2023 Budget of ECORD entities

6.1 - EMA (G. Camoin)

6.2 - ESSAC (A. Camerlenghi)

6.3 - ESO (D. McInroy)

6.4 - BCR (U. Röhl)

6.5 – MagellanPlus (L. Lourens)

6.6 - ECORD Outreach (M. Bednarz)

7. ECORD budget 2022-2024 (G. Camoin)

8. Next meetings (G. Camoin)

9. Any other business (G. Lüniger/All)

ROSTER

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* Apologized

23 June 2022

(10:03)

** Moment of silence for Dirk 'Dick' Kroon **

G. Camoin opened the meeting and presented the agenda and the roster. The ECORD Council approved the agenda.

ECORD Council Consensus 22-06-01: The ECORD Council approves the agenda of the ECORD Council Spring Meeting #8.

In favour: 14, **Abstain:** 0, **Against:** 0, **Absent:** 1 (Spain)

3. MSP expeditions

3.2 X377 ArcOP update (G. Camoin/SPRS, CIRIO and CNRS guests)

(10:17)

Erik Linnarsson (CIRIO) presented the preliminary settlement offer for ArcOP 2022.

AMS did not accept a postponement, but a cancellation of ArcOP. A Force Majeure situation was not applicable. ECORD has the possibility to discuss with AMS the use of their services for ArcOP, but also other future expeditions in the Arctic, and therefore to save costs (investment for future expeditions). ECORD owns coring and navigation equipment in the amount of 265K USD, which can be used for future expeditions.

(10:47)

Katarina Gardfeldt (SPRS) presented the preliminary SPRS claim of ArcOP cancellation cost. SPRS requests an additional compensation of 200K USD. Some additional staff and legal costs will be added when known.

ECORD Council Consensus 22-06-02: Due to the uncertainty regarding the geopolitical situation and therefore the impossibility to determine the conditions for rescheduling ArcOP Expedition at this stage, ECORD Council approves the position consisting in entering in early termination of Agreement related to the IODP-ECORD Arctic Ocean Paleoceanography 'ArcOP2022' that was signed in early 2021 by the CNRS - in the name and on behalf of ECORD members - and the Swedish Polar Research Secretariat (SPRS), by mutual consent. Therefore, the ECORD Council mandates the CNRS, EMA, and with the assistance of the ESO when necessary to carry out negotiations with SPRS in order to settle this termination amicably.

In favour: 14, **Abstain:** 0, **Against:** 0, **Absent:** 1 (Spain)

ECORD Council Consensus 22-06-03: The mandate given to the SPRS and the ECORD Science Operator (ESO) by the ECORD Council Consensus 22-04-01 has resulted in the sending of a Preliminary settlement offer by SPRS to Arctic Marine Solution (AMS) on 22 June 2022, and presented to the ECORD Council on 23 June 2022 for a total amount of XX USD, excluding at this stage the Rosmorport claims that will be dealt with later. The ECORD Council approves this Preliminary settlement offer and mandates the CNRS to pursue future discussions and negotiations with SPRS on this basis. The final offer that will arise from these discussions will have to be approved by the ECORD Council.

In favour: 14, **Abstain:** 0, **Against:** 0, **Absent:** 1 (Spain)

ECORD Council Consensus 22-06-04: The ECORD Council receives the total amount of the SPRS costs claimed for ArcOP 2022 cancellation, which are of 897 000 USD. The payment of this sum will be subject to approval by the ECORD Council, based on the submission of evidences of corresponding costs.

In favour: 14, **Abstain:** 0, **Against:** 0, **Absent:** 1 (Spain)

7. ECORD budget 2022-2024 (G. Camoin)

(11:05)

G. Camoin presented the ECORD FY20-24 budget (*see confidential minutes*).

(11:32)

coffee break

(11:42)

1. Post-2024 scientific ocean drilling: ECORD/Japan Programme and views from other IODP partners (G. Camoin / All)

(11:42)

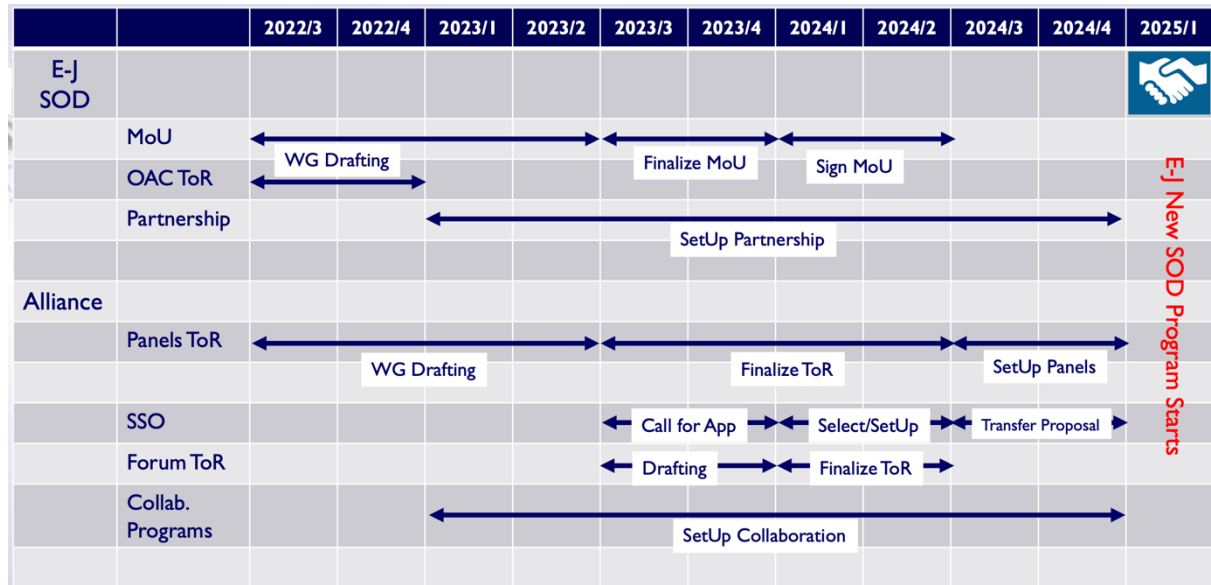
G. Camoin presented the ECORD-Japan Scientific Ocean Drilling Programme and the 2025-2028 potential use of the *JOIDES Resolution*.

ECORD-Japan Scientific Ocean Drilling Programme

Several ECORD-Japan bilateral meetings have been organised since September 2021. ECORD and Japan agree to build up a joint scientific ocean drilling programme. The programme needs services of an SSO-equivalent for proposal and data management as well as those of SEP- and EPSP-equivalents for proposal evaluation. ECORD and Japan agree to establish a joint 'Operation Advisory Committee' (OAC) in the post-2024 ECORD-Japan scientific ocean drilling programme. An ECORD-Japan Working Group will draft the Terms of Reference. Another

ECORD-Japan Working Group will work on the ECORD-Japan MoU. ECORD and Japan have the vision of an alliance of national / consortia programmes. Two identical ECORD-Japan webinars have been organised on 12 and 14 April 2022 to inform the scientific community of the new ECORD-Japan post-2024 partnership.

G. Camoin presented the provisional timeline for the post-2024 ECORD-Japan programme and the proposed alliance of national / consortia programmes:



2025-2028 potential use of the JOIDES Resolution

The JR SO award and IODP end on 30 September 2024. The JR Environmental Impact Statement expires on 31 December 2028. The new ship acquisition timeline is more than ten years. The future new drill ship and the associated operational model will be under a U.S.-led programme. The decision by NSF concerning post-IODP JR operations under a new U.S.-led programme needs to be taken by February 2023. A substantial NSF funding increase is required: estimated FY25 operational cost are of 72M USD per year with ten months of operations, i.e., 24M USD per year above the current NSF funding. Potential 2025-2028 operations under a new operational model are becoming even more financially challenging with the current inflation and fuel costs.

NSF is requesting letters of interest from their international partners by 1 August 2022. The letters should state the expected yearly level of donation to support these operations during the potential 2025-2028 period; each berth is estimated to cost 470K USD. Based on its current contribution to the JR Consortium, ECORD could expect to get 15 berths/yr instead of 28 berths/year in IODP. According to NSF, exchange of services does not address the funding challenge and is therefore not currently considered by NSF. There is no answer from NSF regarding the use of berths for specific expeditions. NSF considers that Co-chief Scientists will count towards quota.

ECORD Council Consensus 22-06-05: The ECORD Council mandates the ECORD Vision Task Force to meet at the end of July 2022 to draft a letter of interest to the National Science Foundation (NSF) concerning the support of operations of the *JOIDES Resolution* from 2025-2028. The letter will be sent before 1 August 2022.

In favour: 14, **Abstain:** 0, **Against:** 0, **Absent:** 1 (Spain)

The meeting was closed at 13:00.

24 June 2022

(10:05)

M. Webb opened the meeting.

1. Post-2024 scientific ocean drilling: ECORD/Japan Programme and views from other IODP partners (G. Camoin / All)

(10:05)

Post-IODP core and data legacy

U. Röhl summarized the status of the discussion about post-2024 core storage and database maintenance.

All cores retrieved by the *Glomar Challenger* and the *JOIDES Resolution* are US property, as *Chikyu* cores are property of MarE3/JAMSTEC and MSP cores property of ECORD; all independently from in which core repository they are stored. NSF is responsible for continued preservation of US-owned cores. The current system has proven to be cost-efficient and effective in providing fair and open access to scientific ocean drilling cores. Following the 2019-2023 ECORD-NSF MoU, ECORD supports the BCR and there is (part of) proportional participation of ECORD scientists to JR expeditions and advisory panels. The IODP Forum supports the current distribution of core storage with a common set of curatorial and sampling policies. Owner of cores have responsibility. In terms of additional storage capacity, the BCR and KCC are ready to serve a post-2024 programme. Recently, the remaining BCR capacity has been increased for additional 34 km of core for the current IODP reefer. A new research building including an additional reefer is under construction and will be completed in 2023.

Currently, each operator runs its own database. The IODP Forum encourages a future alliance of programmes / consortia to explore possibilities for an 'alliance-wide' data management and storage system. Common data policies and sample access policies will be essential to effectively facilitate science goals.

Action Item 1: EVTf

To start discussions about FAIR principles to be applied to post-2024 MSP expeditions as a basic principle in the ECORD-Japan scientific ocean drilling programme.

2. ECORD News (G. Camoin, A. Camerlenghi, G. Uenzelmann-Neben, D. McInroy, S. Davies, M. Bednarz)

(10:39)

G. Camoin presented the ECORD news.

2019-2023 ECORD Memorandum of Understanding (MoU): At the moment ECORD has 15 member countries. The 2019-2023 ECORD MoU has been distributed for approval and signature by the ECORD funding agencies. Spain and Germany still need to sign the 2019-23 ECORD MoU. Spain has a new representative at the Ministry and is ready to sign an agreement and to pay the membership fees to be again a full ECORD member. A draft agreement has been forwarded to the CNRS for approval. The CNRS will produce a draft of the addendum to the 2019-2023 ECORD MoU covering FY24 by the end of summer 2022.

ECORD membership: In 2019 and early 2020, ECORD was in contact with its past members Israel, Poland and Belgium as well as with Croatia, Greece and Russia concerning a potential membership. Since the start of the COVID-19 crisis there was no contact anymore, but the contact will be started again. In 2021, ECORD has been in contact with the United Arabian Emirates through the Italian community concerning a potential ECORD membership. In 2022, Iceland contacted ECORD and asked for the price of a berth.

G. Camoin presented the rotation scheme for the ECORD Council. Guido Lüniger (GER) is ECORD Council Chair in 2022. M. Webb (UK) is outgoing Vice-Chair during the first half of 2022. Following the rotation scheme, the new incoming Vice-Chair during the second half of 2022 should be Stéphane Guillot (FRA).

| Rotation scheme | Chair | Country | Vice Chair | Country |
|-----------------|------------------|-----------------|------------------|-----------------|
| Jan 20 – Jun 20 | Bernard Westerop | The Netherlands | Stéphane Guillot | France |
| Jul 20 – Dec 20 | Bernard Westerop | The Netherlands | Mike Webb | UK |
| Jan 21 – Jun 21 | Mike Webb | UK | Bernard Westerop | The Netherlands |
| Jul 21 – Dec 21 | Mike Webb | UK | Guido Lüniger | Germany |
| Jan 22 – Jun 22 | Guido Lüniger | Germany | Mike Webb | UK |
| Jul 22 – Dec 22 | Guido Lüniger | Germany | Stéphane Guillot | France |

ECORD Council Chair rotation scheme

ECORD Council Consensus 22-06-06: The ECORD Council approves the nomination of Stéphane Guillot (FRA) as incoming ECORD Council Vice-Chair starting on 1 July 2022.

In favour: 14, **Abstain:** 0, **Against:** 0, **Absent:** 1 (Spain)

Action Item 2: Gilbert

To ask the ECORD Council core group members if they wish a change in membership.

The objectives of the next ECORD Council ESSAC meeting, which will be held in Gargonza, Italy, during the week of 14 November 2022 are:

- ECORD-Japan Programme: progress report on the ECORD-Japan MoU and the joint Operational Advisory Committee; SSO-equivalent and proposal evaluation system; planning the new ECORD MoU
- Future MSP Science Party membership
- Safety courses needed to board MSP expeditions
- Projected ECORD participation in future MSP expeditions
- Resources for a dedicated data manager

(10:59)

ESSAC News (A. Camerlenghi)

Besides supporting the three traditional ECORD Summer Schools in Bremen, Urbino and Leicester, ESSAC supported participation of young scientists at the Glacial Sedimentology School in Oregon, USA.

ECORD Council Consensus 22-06-07: The ECORD Council requests anonymous feedback from participants of the ECORD Summer Schools and Training Courses to ensure that the IODP Code of Conduct is followed.

In favour: 14, **Abstain:** 0, **Against:** 0, **Absent:** 1 (Spain)

(11:12)

ESO News (D. McInroy)

The Bremen Team is establishing a new database system ('mobile DIS', mDIS), ran JR Sample Parties and an ESO training opportunity at the BCR, and is testing the new SaDR version. Bremen and EPC teams have been designing and organizing the 2022 ECORD Summer Schools. ESO is attending several MagellanPlus workshops. The BGS further tested the ECORD PufferSphere, which is now ready to be shipped to the ESSAC Office in Trieste, Italy.

Staff: Katharina Hochmuth left EPC on 31 March 2022. Tim van Peer will join EPC on 4 July 2022 as Senior Petrophysics Fellow.

The BGS has decided to close its Marine Operations facility, which maintained and ran BGS marine sampling equipment, including the BGS RD2. The BGS can no longer financially support the facility, which currently has very low internal and external demand. ESO may lose one or two staff members with coring and field operations expertise. Other parts of BGS have field and sampling experience. In the future, new recruitment may be required. The future of the RD2 is undecided; options include: transfer to another part of UKRI; private sale; mothballed while new support is sourced and full decommissioning.

(11:28)

EFB News (G. Uenzelmann-Neben)

Alexandra Turchyn (UK) is EFB Vice-Chair and will replace Gabriele Uenzelmann-Neben (GER) as EFB Chair on 1 January 2023. Yasuhiro Yamada (JPN) and Fengping Wang (CHN) will rotate off on 31 December 2022 and need to be replaced by ESSAC.

The next EFB meeting will be held on 20-21 September 2022 in Aix-en-Provence, France.

(11:29)

EOTF News (M. Bednarz)

The PufferSphere will travel to the Science Center Scientific Imaginary in Trieste where it will stay for a few weeks.

The exhibition in the Natural History Museum Vienna (lasting for about 10 years) will open on 22 November 2022. IODP and ICDP will be presented and both programmes are invited to give talks on the opening day when government representatives, etc. will be present.

(11:32)

coffee break

(11:42)

3. MSP expeditions

3.1 X386 update (D. McInroy / J. Everest)

(11:42)

D. McInroy presented a summary of the Onshore Science Party of Expedition 386: Japan Trench Paleoseismology.

The Onshore Science Party (OSP) comprises three phases:

- 1) Phase 1 from 14 February to 15 March 2022: hybrid with Japan-based scientists onboard the D/V *Chikyu* and remote participation of everyone else
- 2) Phase 2 from 16 March to 14 November 2022: Science Party data review and reporting, assisted by ESO
- 3) Phase 3 from 15 November to 6 December 2022: Personal Sampling Party onboard the D/V *Chikyu*

The first post-expedition meeting (Editorial) will be organised in March 2023. The moratorium period will end in December 2023. The second post-expedition meeting (Science) will be organised in spring/summer 2024.

Action Item 3: Gilbert

To ask Michi Strasser to give a talk about IODP Expedition 386: Japan Trench Paleoseismology at the ECORD Council-ESSAC #11, which will be held in November 2022 in Gargonza, Italy.

4. X377 ArcOP update – additional discussions (G. Camoin/K. Gardfeldt)

See Session 1 on 23 June 2022.

5. IODP news: JRFB report (G. Camoin)

(12:02)

IODP membership: At the moment, Brazil and South Korea are not contributing to IODP anymore. ECORD, the USA and Japan will continue with IODP until the end of 2024. China and India are committed until the end of 2023. ANZIC secured its funding until the end of 2022.

ECORD has three JRFB members: Gilbert Camoin (FRA), Marguerite Godard (FRA) and Steffen Kutterolf (GER).

G. Camoin presented the 2022-2023 JR expeditions schedule:

| Expedition Name | # | Dates | Ports |
|--|-----|-------------------------------|-------------------------------|
| Walvis Ridge Hotspot | 391 | Dec. 6, 2021 – Feb. 5, 2022 | Cape Town / Cape Town |
| Agulhas Plateau Cretaceous Climate | 392 | Feb. 5 – Apr. 7, 2022 | Cape Town / Cape Town |
| South Atlantic Transect | 390 | Apr. 7 – June 7, 2022 | Cape Town / Cape Town |
| South Atlantic Transect 2 | 393 | Jun. 7 – Aug. 7, 2022 | Cape Town / Cape Town |
| Iberian Margin Paleoclimate | 397 | Oct. 11 – Dec. 11, 2022 | Lisbon / Tarragona |
| Hellenic Arc Volcanic Field | 398 | Dec. 11, 2022 – Feb. 10, 2023 | Tarragona / Heraklion |
| Building Blocks of Life, Atlantis Massif | 399 | April 12 – June 12, 2023 | Ponta Delgada / Ponta Delgada |
| Reykjanes Mantle Convection and Climate | 395 | June 12 – Aug. 12, 2023 | Ponta Delgada / St. Johns |
| NW Greenland Glaciated Margin | 400 | Aug. 12 – Oct. 12, 2023 | St. Johns / St. Johns |

Seven out of nine JR expeditions are based on proposals by ECORD lead proponents (#392, 390, 393, 397, 398, 399, 400).

The JR will undergo a mandatory 45-year drydock at the beginning of FY24. The extent of FY24 JR operations will depend on the outcome of that drydock, on the level of financial contributions from the IODP partners, the potential demob of the JR at the end of IODP and increased operational costs. The implementation of four JR expeditions in FY24 after the 45-year certification drydock is not secured. Early guidance from NSF suggests scheduling of four expeditions of low cost and minimal risk in FY24.

6. 2023 Budget of ECORD entities

(12:16)

6.1 - EMA (G. Camoin)

There is a slight increase of the budget dedicated to the organisation of ECORD meetings. This is related to the organisation of hybrid sessions. All other budget items are unchanged.

| EMA budget FY23 | | | 2023 vs 2022 |
|---------------------------------|----------------|----------------|---------------|
| | € | \$ | € |
| Compensation for the Director | 50 000 | 62 000 | 0 |
| TOTAL | 50 000 | 62 000 | 0 |
| EMA Salaries | | | |
| Outreach Officer | 71 400 | 88 536 | 0 |
| TOTAL | 71 400 | 88 536 | 0 |
| Travels and meetings | | | |
| Travels EMA CEREGE | 50 000 | 62 000 | 0 |
| Invited speakers ECORD meetings | 3 000 | 3 720 | 0 |
| Organization ECORD meetings | 20 000 | 24 800 | 10 000 |
| Organization SEP June meeting | 10 000 | 12 400 | 0 |
| TOTAL | 83 000 | 102 920 | 10 000 |
| Consumables / Office costs | 6 000 | 7 440 | 0 |
| TOTAL | 6 000 | 7 440 | 0 |
| Overheads CEREGE | 42 080 | 52 179 | 0 |
| TOTAL | 42 080 | 52 179 | 0 |
| GRAND TOTAL | 252 480 | 313 075 | 10 000 |

ECORD Council Consensus 22-06-08: The ECORD Council approves the EMA Management FY23 budget of \$313,075 USD, to be administered by the ECORD Managing Agency at the CEREGE, Aix-en-Provence, France.

In favour: 14, Abstain: 0, Against: 0, Absent: 1 (Spain)

6.5 - MagellanPlus (L. Lourens)

G. Camoin presented the MagellanPlus FY23 budget on behalf of L. Lourens.

| MagellanPlus 2023 budget | € | \$ |
|--------------------------|---------------|----------------|
| MG+ Workshops | 75,000 | 93,000 |
| Travel Grants | 15,000 | 18,600 |
| TOTAL | 90,000 | 111,600 |

ECORD Council Consensus 22-06-09: The ECORD Council approves the MagellanPlus Programme FY23 budget of \$111,600 USD to be administered by the ECORD Managing Agency at the CEREGE, Aix-en-Provence, France.

In favour: 14, Abstain: 0, Against: 0, Absent: 1 (Spain)

6.2 - ESSAC (A. Camerlenghi)

Two budget items have been added:

- funding of ECORD's participation at the GLacial Sedimentation School (GLASS) at the Oregon State University
- funding of ECORD-Japan scientific meetings to promote the ECORD-Japan collaboration

| Proposed ESSAC Budget for FY 2023, OGS, Trieste | | USD | Eur | Delta USD | Delta % | |
|---|---|-------------------|-------------------|------------------|--|--|
| A | Science Coordinator (Grade 8/43) | 85 560,00 | 79 570,80 | - | 0% | |
| | Chair Compensation | 62 000,00 | 57 660,00 | - | 0% | |
| | Vice-Chair Compensation | 6 200,00 | 5 765,00 | - | 0% | |
| | Subtotal | 153 760,00 | 142 996,80 | - | 0% | |
| B | Travel and Subsistence | | | | | |
| | Science Coordinator | 10 400,00 | 9 672,00 | - | 0% | |
| | Chair | 27 300,00 | 25 389,00 | - | 0% | |
| | Subtotal | 37 700,00 | 35 061,00 | - | 0% | |
| C | Office costs | | | | | |
| | General Office Costs | 8 000,00 | 7 440,00 | - | 0% | |
| | Subtotal | 8 000,00 | 7 440,00 | - | 0% | |
| D | Meetings | | | | | |
| | ESSAC May Meeting | 4 000,00 | 3 720,00 | 300,00 | 8% | Slight increase due to general cost increase (from Stockholm ESSAC Spring meeting experience) |
| | ESSAC October Meeting | 4 000,00 | 3 720,00 | 300,00 | 8% | same as above |
| | Travel Support Invited Speakers to Meeting | 4 300,00 | 3 999,00 | - | 0% | |
| | Travel Support ESSAC Liaison to SEP Meeting and other Meeting | 4 300,00 | 3 999,00 | - | 0% | Added "and other meetings" in the motivation to consider special and occasional needs (e.g. post cruise, sampling parties, ESSAC, EFB, EOTF meetings) |
| | Conference Travel Support or non ECORD countries | 5 700,00 | 5 301,00 | - | 0% | Added "or non ECORD countries" to include non ECORD Countries as a sign of inclusivity, when needed. |
| | Subtotal | 22 300,00 | 20 739,00 | 600,00 | 3% | |
| E | Training and Outreach | | | | | |
| | ECORD DLP Support | 18 500,00 | 17 205,00 | - | 0% | |
| | ECORD Summer Schools | | | | | To take into account the possibility of a new summer school following the call just released (the contribution to ECORD participants in the GLASS School will be covered by a 10 kUSD surplus from FY 2022 Budget due to the lack of costs for the Leichester school (online). Summer schools supported are: Urbino Paleooceanography, ECORD Bremen, Leichester, GLASS-Oregon, + one possible new School proposed after the Call |
| | | 47 200,00 | 43 896,00 | 10 000,00 | 27% | |
| | ECORD Training Course | 8 000,00 | 7 440,00 | 60,00 | -1% | To round to 8000 from 8060 USD |
| | ECORD Scholarships | 18 600,00 | 17 298,00 | - | 0% | |
| | ECORD Research Grants | 37 200,00 | 34 596,00 | - | 0% | |
| ECORD-JAPAN scientific meetings | 20 000,00 | 18 600,00 | new | new | To support travel for ECORD JAPAN scientific meetings (Support to ECORD and Japanese scientists). This budget could be given to Magellan+ Workshops. | |
| | Subtotal | 149 500,00 | 139 035,00 | 29 940,00 | 25% | |
| Grandtotal FY 2023 | | 371 260,00 | 345 271,80 | 30 540,00 | 9% | |

The Budget for personnel to build a data management system post 2024 will be discussed at the joint ECORD Council-ESSAC meeting in Fall 2022

ECORD Council Consensus 22-06-10: The ECORD Council approves the FY23 ECORD Science Support and Advisory Committee budget of \$371,260 USD to be administered by the National Institute of Oceanography and Applied Geophysics (OGS), Trieste, Italy.

In favour: 14, Abstain: 0, Against: 0, Absent: 1 (Spain)

6.3 - ESO (D. McInroy)

The ESO FY22 budget has been revised following the postponement of ArcOP:

| Description | Total |
|--|---------------------|
| Management and Administration | \$ 782 436 |
| Technical, Engineering and Science Support | \$ 1 384 195 |
| Core Curation | \$ 93 154 |
| Data Management | \$ 348 445 |
| Outreach | \$ 136 554 |
| Total | \$ 2 744 784 |
| 2022 additional costs | Total |
| PufferSphere software and content support purchase (Yr3) | \$ 29 141 |
| Sub total | \$ 29 141 |
| Total 2022 budget | \$ 2 773 925 |
| Notes & currency conversions: | |
| | £1= 1,42 |
| | €1= 1,24 |

| | | |
|-------------------------------------|---------------------|--|
| GRAND TOTAL | \$ 2 773 925 | |
| Of which is Exp. 386 budget | \$ 406 712 | |
| and ESO other fixed costs | \$ 2 367 212 | |
| Estimated 2021 underspend | \$ 703 672 | |
| 2022 budget request to ECORD | \$ 2 070 253 | |

ECORD Council Consensus 22-06-11: The ECORD Council approves the revised FY22 ECORD Science Operator budget of \$2,070,253 USD to be administered by the British Geological Survey, Edinburgh, United Kingdom.

In favour: 14, Abstain: 0, Against: 0, Absent: 1 (Spain)

The ESO FY23 budget includes operational costs related to IODP Expedition 389:

| Expense Category | Total | Subtotal |
|---|---------------|----------------------|
| Management & Administration | | |
| Salary and Fringes | \$ 852 442 | |
| Travel | \$ 102 000 | |
| Supplies | \$ 21 000 | |
| Shipping | \$ - | |
| Communication | \$ 2 000 | |
| Contractual Services | \$ - | |
| Equipment | \$ 27 000 | |
| Other Direct Costs | \$ 30 000 | |
| Subtotals | | \$ 1 034 442 |
| Technical, Engineering and Science Support | | |
| Salary and Fringes | \$ 1 187 496 | |
| Travel | \$ 132 000 | |
| Supplies | \$ 79 000 | |
| Shipping | \$ 245 000 | |
| Communication | \$ 4 000 | |
| Contractual Services | \$ 40 000 | |
| Equipment | \$ 8 000 | |
| Other Direct Costs | \$ 12 550 000 | |
| Subtotals | | \$ 14 245 496 |
| Core Curation | | |
| Salary and Fringes | \$ 78 263 | |
| Travel | \$ 6 000 | |
| Supplies | \$ 3 500 | |
| Shipping | \$ 7 000 | |
| Communication | | |
| Contractual Services | | |
| Equipment | | |
| Other Direct Costs | | |
| Subtotals | | \$ 94 763 |

| Expense Category | Total | Subtotal |
|------------------------------------|----------------------|-------------------|
| Data Management | | |
| Salary and Fringes | \$ 190 404 | |
| Travel | \$ 16 000 | |
| Supplies | \$ 6 000 | |
| Shipping | \$ - | |
| Communication | \$ - | |
| Contractual Services | \$ 50 000 | |
| Equipment | \$ 35 000 | |
| Other Direct Costs | \$ - | |
| Subtotals | | \$ 297 404 |
| Outreach | | |
| Salary and Fringes | \$ 107 430 | |
| Travel | \$ 16 000 | |
| Supplies | \$ 8 000 | |
| Shipping | \$ - | |
| Communication | \$ - | |
| Contractual Services | \$ - | |
| Equipment | \$ 29 141 | |
| Other Direct Costs | \$ - | |
| Subtotals | | \$ 160 571 |
| GRAND TOTAL | \$ 15 832 676 | |
| Of which is Exp. 389 budget | \$ 13 613 972 | |
| and ESO other fixed costs | \$ 2 218 705 | |

| Description | Total |
|--|----------------------|
| Management and Administration | \$ 1 034 442 |
| Technical, Engineering and Science Support | \$ 14 245 496 |
| Core Curation | \$ 94 763 |
| Data Management | \$ 297 404 |
| Outreach | \$ 131 430 |
| Total | \$ 15 803 535 |
| 2023 additional costs | Total |
| PufferSphere software and content support purchase (Yr4) | \$ 29 141 |
| Sub total | \$ 29 141 |
| Total 2023 budget | \$ 15 832 676 |
| Notes & currency conversions: | |
| | £1= 1,42 |
| | €1= 1,24 |

ECORD Council Consensus 22-06-12: The ECORD Council approves the FY23 ECORD Science Operator budget of \$15,832,676 USD to be administered by the British Geological Survey, Edinburgh, United Kingdom, which includes the operational costs related to IODP Expedition 389: Hawaiian Drowned Reefs.

In favour: 14, Abstain: 0, Against: 0, Absent: 1 (Spain)

6.4 - BCR (U. Röhl)

BCR Budget (12 months: 1 Jan - 31 Dec 2023) – reduced by pandemic savings -

| Core Curation | Savings FY20-FY21 | TOTAL € | TOTAL US\$ |
|-----------------------------------|---------------------|---------------------|----------------------|
| Salary and Fringes | | € 256,780.00 | \$ 318,407.00 |
| Student workers | \$ 12,326.00 | € 11,508.00 | \$ 14,270.00 |
| Travel | | € 2,100.00 | \$ 2,604.00 |
| Supplies | \$ 14,044.00 | € 14,350.00 | \$ 17,794.00 |
| Shipping | \$ 15,624.00 | € 21,700.00 | \$ 26,908.00 |
| SEDIS maintenance 24/7 & upgrades | | € 6,300.00 | \$ 7,812.00 |
| Curation database update | | € 6,300.00 | \$ 7,812.00 |
| Total Core Curation | \$ 42,862.00 | € 319,038.00 | \$ 395,607.00 |

1€ = 1.24 US\$

ECORD Council Consensus 22-06-13: The ECORD Council approves the FY23 Bremen Core Repository budget of \$395,607 USD to be administered by the MARUM, Bremen, Germany.

In favour: 14, Abstain: 0, Against: 0, Absent: 1 (Spain)

6.6 - ECORD Outreach (M. Bednarz)

| ECORD Outreach budget 2023 | | |
|---|---------------|---------------|
| | | 1€ = 1.24 USD |
| | € | USD |
| Annual Report | 1.248 | 1.548 |
| ECORD Newsletters #38 and #39 | 3.387 | 4.200 |
| Managing core replicas | 4.630 | 5.741 |
| Models | n/a | n/a |
| EGU and AGU booths | 16.411 | 20.350 |
| ECORD website (maintenance and development) | 1.371 | 1.700 |
| Travels | 10.484 | 13.000 |
| Shipping | 4.000 | 4.960 |
| Goodies | 6.411 | 7.950 |
| Office costs | 2.863 | 3.550 |
| Pre- and post-cruise flyers | 0.968 | 1.200 |
| Expedition logos and stickers | 0.968 | 1.200 |
| Total basic | 52.741 | 65.399 |
| Savings 2021-2022 | 24.194 | 30.000 |
| Grand Total | 76.935 | 95.399 |

ECORD Council Consensus 22-06-14: The ECORD Council approves the FY23 ECORD Outreach budget of \$65,399 USD to be administered by the ECORD Managing Agency at the CEREGE, Aix-en-Provence, France.

In favour: 14, **Abstain:** 0, **Against:** 0, **Absent:** 1 (Spain)

ECORD Council Consensus 22-06-15: The ECORD Council approves the support of an Onboard Outreach Officer with an amount of \$30,000 USD to sail on IODP Expedition 389: Hawaiian Drowned Reefs; to be administered by the ECORD Managing Agency at the CEREGE, Aix-en-Provence, France. This amount was saved in FY22 for the Onboard Outreach Officer to sail on IODP Expedition 377: Arctic Ocean Paleoceanography (ArcOP) and will be transferred to FY23.

In favour: 14, **Abstain:** 0, **Against:** 0, **Absent:** 1 (Spain)

7. ECORD budget 2022-2024 (G. Camoin)

(12:32)

G. Camoin summarized the ECORD FY22 budget situation. The French contribution to ECORD will decrease by 10% as all French infrastructures are impacted by increasing energy costs and the losses are shared among the different infrastructures. FY21 ended with a positive balance of \$22.68M USD, which was carried over to FY22. Together with the FY22 member contributions of \$16.376M USD, the FY22 income will yield \$39.05M USD.

ECORD FY22 member contributions

| FY22 Contributions (US\$) | |
|-------------------------------------|-------------------|
| DFG (Germany) | 5 600 000 |
| CNRS (France) * | 3 390 000 |
| UKRI (United Kingdom) * | 3 172 000 |
| Forskningsradet (Norway) | 1 100 000 |
| CNR (Italy) | 700 000 |
| FNS (Switzerland) | 600 000 |
| NWO (The Netherlands) | 600 000 |
| VR (Sweden) | 400 000 |
| DAFSHE (Denmark) * | 150 000 |
| GSI (Ireland) * | 120 000 |
| CCOD (Canada) | 115 000 |
| ÖAW (Austria) | 100 000 |
| FCT (Portugal) | 90 000 |
| Academy of Finland | 80 000 |
| MCIN (Spain) * | 159 000 |
| TOTAL | 16 376 000 |
| * Contributions in other currencies | |

ECORD Council Consensus 22-06-16: The ECORD Council approves the revised 2022 CNRS (France) contribution to ECORD, which is of 3,235,000 €.

In favour: 14, Abstain: 0, Against: 0, Absent: 1 (Spain)

G. Camoin summarized the ECORD FY23 budget situation. The FY23 member contributions will be of \$14.314M USD. The UK FY23 contribution is lower because the UK paid in advance (FY20). Together with the positive FY22 balance the FY23 income will yield \$37.67M USD.

ECORD FY23 member contributions

| FY23 Contributions (US\$) | |
|-------------------------------------|-------------------|
| DFG (Germany) | 5 600 000 |
| CNRS (France) * | 3 390 000 |
| UKRI (United Kingdom) * | 1 110 000 |
| Forskningsradet (Norway) | 1 100 000 |
| CNR (Italy) | 700 000 |
| FNS (Switzerland) | 600 000 |
| NWO (The Netherlands) | 600 000 |
| VR (Sweden) | 400 000 |
| DAFSHE (Denmark) * | 150 000 |
| GSI (Ireland) * | 120 000 |
| CCOD (Canada) | 115 000 |
| ÖAW (Austria) | 100 000 |
| FCT (Portugal) | 90 000 |
| Academy of Finland | 80 000 |
| MCIN (Spain) * | 159 000 |
| TOTAL | 14 314 000 |
| * Contributions in other currencies | |

9. Any other business (G. Lüniger/All)

(12:40)

M. Friberg: The Horizon Europe programme includes now also climate science related to drilling in general instead of ice drilling only. A major call will be issued soon. Collaboration with ICDP could be targeted.

A. Camerlenghi: The joint ECORD-ICDP session at the EGU could be shifted from the sedimentary processes division to the new division including interdisciplinary and transdisciplinary sessions. This new scientific drilling session should also include ice drilling.

M. Webb closed the meeting at 12:50.

Items covered by email

The final approval of all consensus statements has been done by email soon after the ECORD Council Spring Meeting #8.

Additional information

8. Next meetings (G. Camoin)

