MINUTES OF
125th SANCOLD MANAGEMENT COMMITTEE MEETING
Held on Monday 11 June 2018 at 15:00 at the ARQ Offices, Lynnwood Manor Pretoria.

1. OPENING and WELCOME.
The Chairperson, Dr Quentin Shaw opened the meeting and welcomed all.

2. ATTENDANCE, APOLOGIES and QUORUM.
   Attendance.
   Quentin Shaw Chairperson QS
   David Cameron-Ellis Treasurer DCE
   Henry-John Wright Webmaster HJW
   Deon van der Merwe DvdM
   Jaretha Lombaard JL
   Xolani Mdleshe DWS(NWRI) XM
   Marco van Dijk SAICE MvD
   Louis Hattingh Vice-chairperson LH
   Michelle Blaeser MB
   Robert Greyling by conference call RG
   Vicci Schoeman VS
   Peter Pyke Secretary Sec
   Duncan Grant-Stuart DGS
   Wally Ramokopa WR
   Danie Badenhorst DB
   Apologies.
   Apologies were received from Fanie van Vuuren, Gerrit Basson and Gerald de Jager.
   Quorum.
   A quorum was present.

3. AGENDA (Amendments and adoption).
The agenda was adopted.

4. MANAGEMENT COMMITTEE MATTERS:
   4.1 Management Committee Election 2018.
   It was noted that the HESA representative needed to be reconfirmed for 2019 and that term of office for Gerrit Basson (ICOLD VP) ended at the end of this year. The terms of office for David Cameron-Ellis, Henry-John Wright and Vicci Schoeman (under 35) is to end in 2018 and elections would be required to fill the posts at the end of November 2018.
   4.2 Co-option of additional Management Committee Members.
   All posts are filled and no co-options are required.
   4.3 Portfolios for SANCOLD Management.
   To spread work load more evenly,

<table>
<thead>
<tr>
<th>Portfolio</th>
<th>Responsible Person</th>
<th>Support Persons</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Membership</td>
<td>Secretary</td>
<td>Treasurer</td>
</tr>
<tr>
<td>2 Finance/Treasurer</td>
<td>David Cameron-Ellis</td>
<td></td>
</tr>
<tr>
<td>3 Institutional</td>
<td>Secretary</td>
<td>Danie Badenhorst</td>
</tr>
<tr>
<td>4 ICOLD</td>
<td>Secretary</td>
<td>Danie Badenhorst</td>
</tr>
</tbody>
</table>
5. **MINUTES OF MC 124**

5.1 Amendments.
No further amendments.

5.2 Approval.
Approved – Proposed HJW, seconded DGS.

5.3 Matters arising from previous minutes.
4.3.1 Committee W: Selection of Dam Type – Term of committee ends 2018.
No further action required.

4.3.3 Update Budget and master Plan for NFSP – outstanding. (FvV)
4.3.5 Your Tailings Dam DGS to finalize and send to DCE for review. (DGS)
4.3.6 Awaiting reply from DWS Minister see also current item 6.4.1.
4.3.7 See current item 7.4.

10. **Marketing Strategy – outstanding** (QS)

Dissemination of information after ICOLD by webinar (Sec)

6. **NFSP – prepare strategy with timelines and deliverables for circulation to Manco members – outstanding.** (FvV)

6.4 **SANCOLD Training, development & dam safety initiatives.** Sub-committee to report on skills transfer lectures by mid-May. (JL, VS, RG)

8.2 8.2.2 **Representation on ICOLD Committee I – Public Safety.** Check with Zandile Mathe re attendance - finalise (Sec)

6. **SANCOLD ACTIVITIES**

6.1 Programme 2018.
No further additions.

6.2 SANCOLD Annual Conference 2018.
Time to be allocated to discussion of the APP process. (LH)

LH presented an update on the venue and facilities. Both LH and Sec had inspected the venue which looked good. Accommodation at alternative venues offered was very expensive while the chosen venue was reasonable and had alternative local accommodation options. Pricing details for the Conference and accommodation are to be shared and publicised widely as soon as possible. Still awaiting Heads of Agreement document from PCO. (PCO, LH, Sec)

6.3 National Flood Studies Programme (NFSP).
FvV to provide details on progress initiating the NFSP. (FvV)

6.4 **SANCOLD Training, APP development & dam safety initiatives.**

6.4.1 Training Workshops.
LH wanted to introduce a 2-day training session on Surveillance preceding the SANCOLD Annual Conference. Due to the MC meeting scheduled for Tuesday afternoon a full two-day course would not be possible. A session for 1.5 hours on
Tuesday evening for discussion on APP matters is to be added to the programme. Other dates for this longer training are to be investigated. Workshops on AAR and on Rubble Masonry construction were also raised as possible topics for training. Feedback sessions from ICOLD Technical committee members is to be scheduled during Annual Conference.  

(DH)

DWS has a new Minister. To revive the previous initiative in which the Minister invited SANCOLD for discussions, Sec to send copy of letter to previous Minister to WR. WR to discuss training with Verena Meyer of DWS to get APP process on a more sustainable footing

(Sec, WR)

6.4.2 Quarterly Lectures.

Monthly Lectures on Agenda but this should be Quarterly Lectures. QS requested that the quarterly lectures be introduced soonest. YPF committee was finalising first lecture, proposed for end of July 2018. It was pointed out that Alan Chemaly was available and had already prepared a lecture which could be used in September 2018. Alan Chemaly is well respected in the community and his inputs are likely to be well attended and this should serve to set the benchmark for the training. MvD can provide further input around training initiatives. (YPF Committee)

6.5 The Development of a Regional Initiative to address sub-Saharan Africa-specific topics.

QS and LH to raise this at the ICOLD Africa Regional Club meeting in Vienna, also to discuss with other Africa delegates in Vienna to set the scene for further development of the initiative under Michael Abebe. (QS, LH)

7. FINANCIAL MATTERS.

7.1 SANCOLD Scholarship 2018.

It was reported that the evaluation committee had recommended that the full scholarship not be awarded for 2018 but that three M Sc students be supported to the value of R45 000 each for one year. This was agreed and that the process for 2019 be started earlier to allow for better preparation and communication leading to better alignment of research proposals with SANCOLD requirements. The beneficiaries should provide written summaries of their work on completion of their research. (Sec)

7.2 Membership Matters.

The Secretary reported that there had been some 12 new individual membership applications and 2 new corporate applications since January 2018. There are a number of outstanding accounts for existing members which are still being pursued. The corporate accounts were prioritised due to higher value. Currently the Constitution requires that a disciplinary process take place for non-payment of membership fees. The Secretary must investigate changing the Constitution to a simpler termination of membership for non-payment of membership fees. (Sec/DCE)

7.3 Expenditure/ Income Statement 2017/18 and Budget 2018/19.

No detailed update was tabled.

7.4 Audit of books 2017 (SANCOLD and ICOLD 2016).

A last attempt to retrieve outstanding delegate income for the 2016 ICOLD event has been concluded with the addition of a few more delegate fees. The matter of the LHDA sponsorship has also been finalised, accepting that only approximately R125k of direct costs could be allocated in terms of the original offer made by the LHDA. The books are now with the auditors who will finalise their audit and transfer the proceeds as a line item to the 2017/2018 books, which will also be finalized. On completion a letter should be written to DWS thanking them for their contribution to ICOLD 2016. (Sec)

7.5 Guidelines for SANCOLD support for ICOLD attendance.

The Guidelines were updated and expanded by the Secretary. A clause should be added requiring beneficiaries to provide a written report back within 6 weeks of the ICOLD Technical Committee meeting summarising activities, progress and their contribution to Committee work. (Sec)
8. ICOLD ACTIVITIES.
8.1 ICOLD Circular Letters.
There were no outstanding issues.

8.2 ICOLD Vienna Congress 2018.
8.2.1 Papers from SA.
Noted.
8.2.2 Representation on ICOLD Committees.
The need to get active representatives was emphasised.
Leo v d Berg retiring end June 2018 – Sec to check on continued participation. (Sec)
Xolani Mdletshe to be considered if Zandile Mathe not active. (Sec)
Wally Ramokopa to take over from Bertrand Collet – Sec to check with Bertrand. (Sec)
Rudolf van Wyk to replace Juandre Theron as representative. (Sec)
Secretary to check with Kelvin Legge on progress with “Your Dam”. (Sec)
DGS reported that the next Tailings Dam Bulletin will be finalised in Vienna.
Anglo American has indicated that they will drive a document on seismic risk in South Africa. Anglo American requested input from SANCOLD on the preparation of a document, DCE to be main contact and will check with Graham Roberts for assistance.
The blasting documents will follow on from a paper to be presented in November 2018 by Claude Cunningham and David Cameron-Ellis. (DCE)
There is a need to review the 2011 SANCOLD Guideline on Freeboard for Dams and clarify inconsistency issues. For this we need feedback from the DSO. WR as head of DSO, to provide feedback on the implementation of the guidelines since 2011. (WR)


<table>
<thead>
<tr>
<th>No</th>
<th>Committee Name</th>
<th>Term</th>
<th>SA Representative</th>
<th>SANCOLD Working Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Committee on Computational Aspects of Analysis and Design of Dams.</td>
<td>2017-2020</td>
<td>Graham Roberts</td>
<td>RSA membership to be approved in Vienna²</td>
</tr>
<tr>
<td>C</td>
<td>Committee on Hydraulics</td>
<td>2016-2019</td>
<td>Henry-John Wright</td>
<td>D Cameron-Ellis J Lombaard</td>
</tr>
<tr>
<td>D</td>
<td>Committee on Concrete Dams</td>
<td>2015-2018</td>
<td>Q Shaw</td>
<td>J Kroon H-J Wright A Botha D Ochan Werner Delport</td>
</tr>
<tr>
<td>E</td>
<td>Committee on Embankment Dams</td>
<td>2017-2020</td>
<td>D Badenhorst (Vice Chair)</td>
<td>K Legge (Geofabrics) D van der Merwe Cameron Fynn</td>
</tr>
<tr>
<td>F</td>
<td>Committee on Engineering Activities Associated with the Planning Process for Water Resources Projects</td>
<td>2014-2017</td>
<td>L Mabuda</td>
<td>Menard Mugumo Jannie van der Mescht</td>
</tr>
<tr>
<td>H</td>
<td>Committee on Dam Safety</td>
<td>2015-2018</td>
<td>T Segers</td>
<td>L Hattingh L van den Berg Bongani Sibanda Alan Kockott Bandula Kendaragama</td>
</tr>
<tr>
<td>I</td>
<td>Committee on Public Safety Around Dams³</td>
<td>2016-2019</td>
<td>Ms Zandile Mathe Xolani Mdletshe³</td>
<td>Vacant-SANCOLD Members please apply to the Secretary</td>
</tr>
<tr>
<td>J</td>
<td>Committee on Sedimentation of Reservoirs</td>
<td>2017-2020</td>
<td>Prof G Basson has requested that SA become a member</td>
<td>To be approved in Vienna²</td>
</tr>
<tr>
<td>K</td>
<td>Committee on integrated operation of hydropower stations and reservoirs</td>
<td>2015-2019</td>
<td>L Furstenburg</td>
<td>John Sawyer</td>
</tr>
<tr>
<td>L</td>
<td>Committee on Tailings Dams</td>
<td>2014-2017</td>
<td>Duncan Grant-Stuart</td>
<td>Andrew Copeland John Wates</td>
</tr>
</tbody>
</table>
|   | Committee on Operation, Maintenance and Rehabilitation of Dams | 2018-2020 | P D Pyke (Vice Chair) | Steve Dorman  
|   | Committee on the Register of Dams & Documentation | 2017-2020 | Mr Bertrand Collet & Wally Ramokopa | Bone Makgekgenene  
|   | Committee on Cemented Materials Dams | 2017-2020 | David Cameron-Ellis | Danie Brink  
|   | Committee on Dam Surveillance | 2015-2018 | L Hattingh Chairman | Leo vd Berg from the Dam Safety Office (DSO)  
|   | Committee on Multi-purpose Dams and Reservoirs | 2013-2016 | Dr Beason Mwaka | Vacant-SANCOLD Members please apply to the Secretary  
|   | Ad hoc Committee on prospective and new challenges for dams and reservoirs in the 21st century | 2017-2020 | H Anderson |  
|   | Committee for Hydromechanical Equipment | 2016-2019 | Rudolf van Wyk? |  
|   | Ad hoc Committee on the Selection of Dam Type | 2015-2018 | Linked to Embankment Dam Working Group |  
|   | Committee on Climate Change | 2014-2017 | G de Jager |  
|   | Committee on Resettlement due to Reservoirs | New | SA invited - DWS |  

**Representation cannot be changed in the case of an ad hoc committee.** SANCOLD Working Group members make inputs into the ICOLD Committee via the SANCOLD Representative.

1. Corresponding Member
2. SANCOLD applying for membership. Approval needed by the General Assembly
3. Note Changes of Representatives require General assembly approval which must still be submitted

---

### SANCOLD Working Groups for SANCOLD Guidelines and Publications

<table>
<thead>
<tr>
<th>Guideline/Publication</th>
<th>Convenor</th>
<th>SANCOLD Working Group</th>
</tr>
</thead>
</table>
| Guideline on Floods   | Fanie v Vuuren | Andre’ Gorgens  
|                       |           | Danie van der Spuy  
|                       |           | David Cameron-Ellis  
| Guideline on Risk Analysis | Louis Hattingh | Ivor Segers  
|                                                     |           | Pilate Moyo  
|                                                     |           | Moses Motaung  
|                                                     |           | Gerald de Jager  
|                                                     |           | Louis Kirsten  
| Geotextiles for Dams | Kelvin Legge  
|                       | Danie Badenhorst | Prof Fannin  
|                       |           | Eduard Vorster  
|                       |           | +Local experts  
| Your Dam Publication | Kelvin Legge |  
| Your Tailings Dam    | Duncan Grant-Stuart |  
| Guideline on Ecological Water Reserve | Gerald de Jager | Ms Hermien Oberholzer  
|                                                     |           | Dr Patsy Scherman  
| Guideline on Blasting Practices | David Cameron-Ellis | Claude Cunningham  
|                                                     |           | Gerrie van Jaarsveld  
| Seismic               | Anglo American drives initiative | David Cameron- Ellis  
|                       |           | Graham Roberts (?)  
| Pollution Control Dams | Kelvin Legge |  
| Freeboard             | TBC | Louis Hattingh  
|                       |           | David Cameron-Ellis  
|                       |           | Henry-John Wright  

Minutes MC 126-4 Minutes MC 125 v5 approved approved17.09.2018

5
For SANCOLD Working Groups – for NFSP convenor replace Jeff Smithers by Fanie van Vuuren and add Gerrie van Jaarsveld to working group on Blasting Practices.  

8.2.3 Financial support for ICOLD 2018.  
Refer to item 7.5.  

8.2.4 SA delegation to General Assembly.  
Voting member Quentin Shaw, plus Henry-John Wright and Peter Pyke.  

8.2.5 Filling of two VP Posts (2018-2021).  
VP (Africa) Michael Abebe.  

8.2.6 Nomination for post of President.  
Michael Rodgers.  
All the nominations appear unopposed.  

9. GENERAL.  
9.1 Co-operation with WISA.  
QS informed that a meeting with Dr Eldidy had revealed that the cooperation envisaged was to compile an organisational knowledge base for use during emergency situations.  

9.2 Seismic loadings for the design and safety evaluation of dams.  
Anglo American looking to develop a guideline on Seismic Risk.  DCE and Graham Roberts to oversee and review SA context.  

10. DATE AND VENUE OF THE NEXT MEETING.  
15:00 on Tuesday 6th November at Lord Charles NH Hotel, Somerset West.  
Meeting request to be placed on Outlook for future meetings.  

11. CLOSURE.  
The Chairperson closed the meeting after 18:00.