

MINUTES

IADC Geothermal Committee Meeting, Virtual Meeting held on 13 August 2024

1. New Meeting participation set-up

Leslie Winters gave a short introduction to the new system for meeting participation. This involves registering for the meeting(s) and using the Zoom link that will then be forwarded to participants ahead of the meeting. Normally, this would take place the day before the meeting. However, to enable participants to include the link in their Outlook (or other calendars) well ahead of the meeting, we have asked that this will now take place earlier.

Post meeting note: The email with the link for the September 2024 meeting was sent out to all registered participants yesterday. If you have any questions, please contact Leslie Winters (leslie.winters@iadc.org).

2. Minutes of July 2024 Meeting

There were no comments to the minutes.

3. Introduction of new members

Zander McDougall, OilStates (OSI Renewables) is joining the committee. However, Zander was not present at yesterday's meeting. In total, there are now 64 individuals in the committee, representing 43 IADC member companies.

4. Upcoming Meetings and Presentations

Steve, Shaun and Lars went through the upcoming meetings, as follows:
7-8th August 2024 - Classification presented at IADC Asia Pacific (Steve Nas)
20th September 2024 - Budapest Geothermal Energy Summit (Scott Farmer)
27-30th October - Classification presented at Geothermal Rising (TBC)
(Shaun Toralde)
14th November – Classification represented at the IADC AGM (Scott Farmer)

Further, the committee meeting on 8th November will be an in-person meeting taking place in Dubai. A particular focus at that meeting will be opportunities for growth of the geothermal industry in the Middle East. Oumer Tahir has been instrumental in organising this meeting.

In the afternoon of the same day, a meeting of the IADC South Arabian Peninsula Chapter (SAPC) will take place. We will have an opportunity to report at that meeting about what has been discussed and agreed in the

morning and about IADC's perspective of the general status of the geothermal industry.

5. Committee Organization

Lars went through the status of organization of this committee for the purpose in the instance to develop a Geothermal Drilling Guideline to be included in the IADC Drilling Manual. The attached presentation should be self-explanatory.

Key observations were:

- Compared to what was agreed at the July meeting, an additional work group will be established on "Drilling Technology", not least because of the need to have an informed body to liaise with the US DOE GEODE task force.
- The work groups on well classification, well design and well control are adequately populated, whereas volunteers are still needed for the remaining groups.
- The intent is to have the work groups finalised (with members and leaders) for the September meeting. Following that, the first task of each of the groups will be to formulate the exact purpose and scope of the individual group in order to define the disposition of the particular part of the drilling guideline that that group will be responsible for.

6. Geothermal Well Classification

A dedicated working session of the Well Classification Work Group had been held on 31st July. The following was the outcome of that meeting:

- Feedback received from the committee members had virtually all been taken into account and several changes had been made.
- The "Design" category requires a further meeting, which will be held latter end of August.
- The final work will be discussed with the committee once finalized.

The aim is to have the Classification published in October.

Bill Krull, who is the IADC staff liaison for the Technical Publications Committee, mentioned that it would be a simple process to make the Geothermal Drilling Guideline available as part of the IADC Drilling Manual, once finalised.

7. AOB

There being no further business, the meeting was adjourned.



Geothermal Committee
General Meeting – 13 August 2024

Agenda

1. New meeting participation set-up
2. Validation of MoM of the previous meeting
3. New Members
4. Upcoming Meetings and Presentations
5. Committee Organization
6. Classification
7. AOB

New Members

- Zander McDougall – Oilstates (osi renewables)

64 members

43 companies

Upcoming Meetings and Presentations

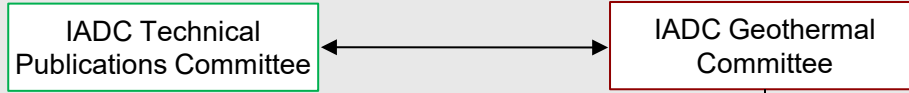
- **Presentations:**

- 7-8th August 2024 - Classification presented at IADC Asia Pacific (Steve Nas)
- 20th September 2024 - Budapest Geothermal Energy Summit (Scott Farmer)
- 27-30th October - Classification presented at Geothermal Rising (**TBC**) (Shaun Toralde)
- 14th November – Classification represented at the IADC AGM (Scott Farmer)

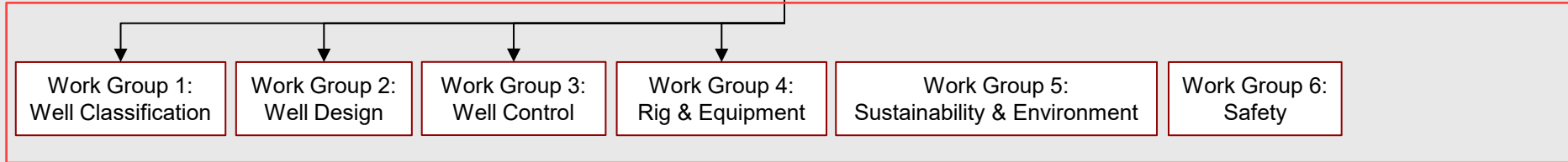
- **Meetings:**

- Special in-person meeting on 8th November in Dubai, coinciding with the local IADC chapter (SAPC - Oumer Tahir)

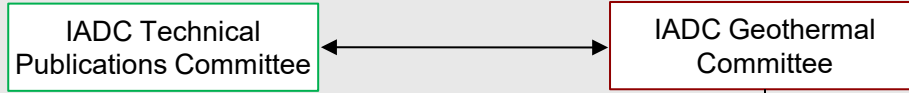
Committee Organization



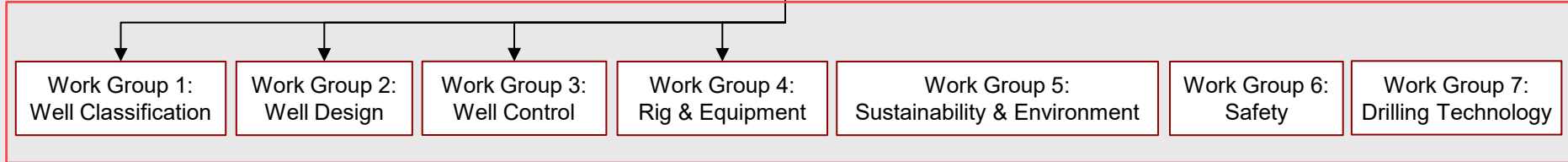
IADC Geothermal Well Drilling Guideline



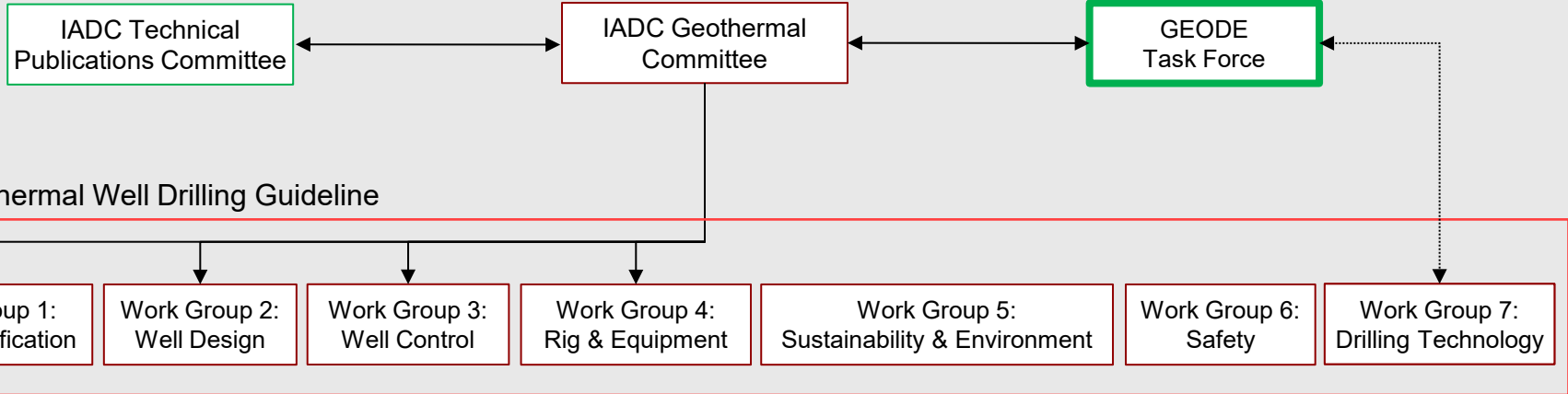
Committee Organization: addition of Drilling Technology Work Group



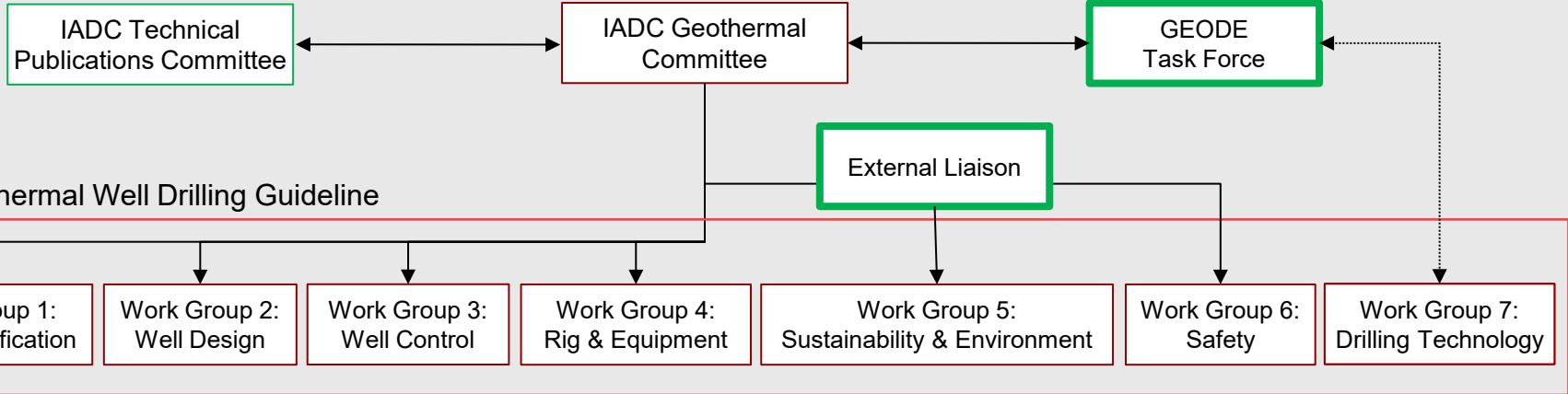
IADC Geothermal Well Drilling Guideline



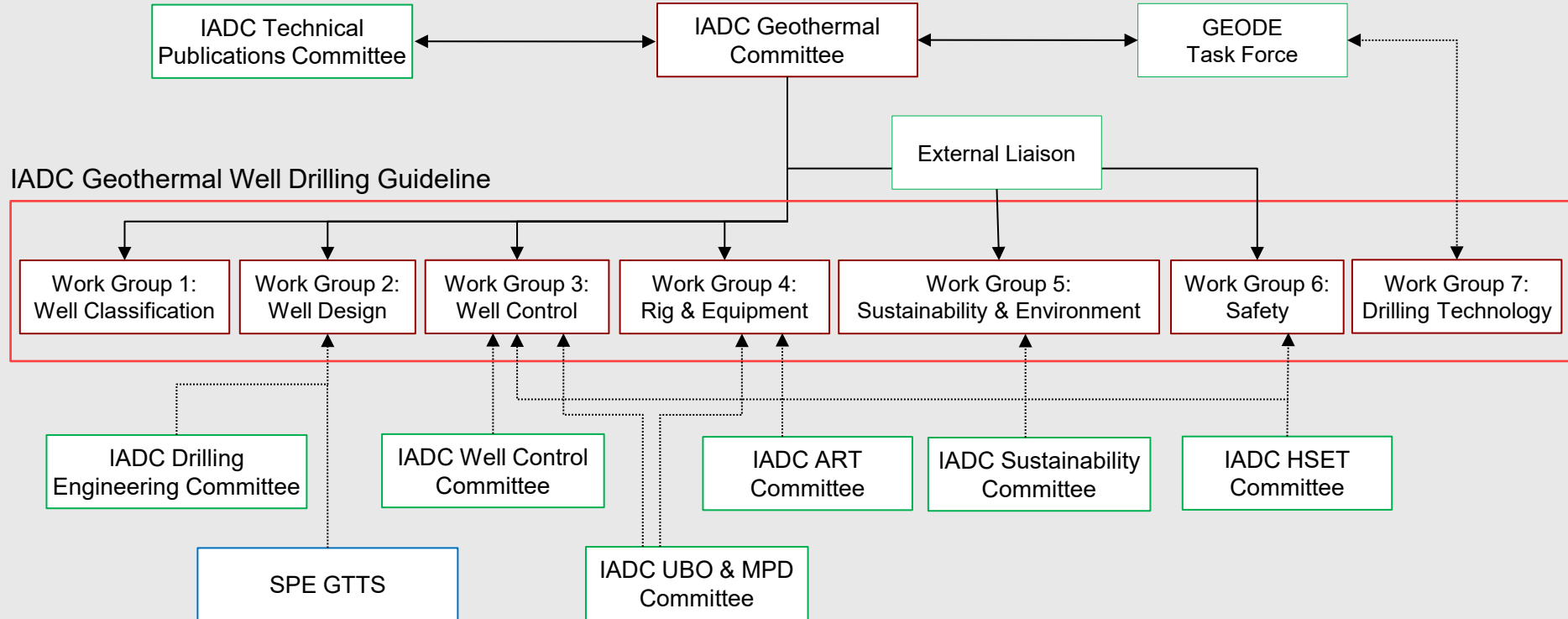
Committee Organization: addition of Drilling Technology Work Group



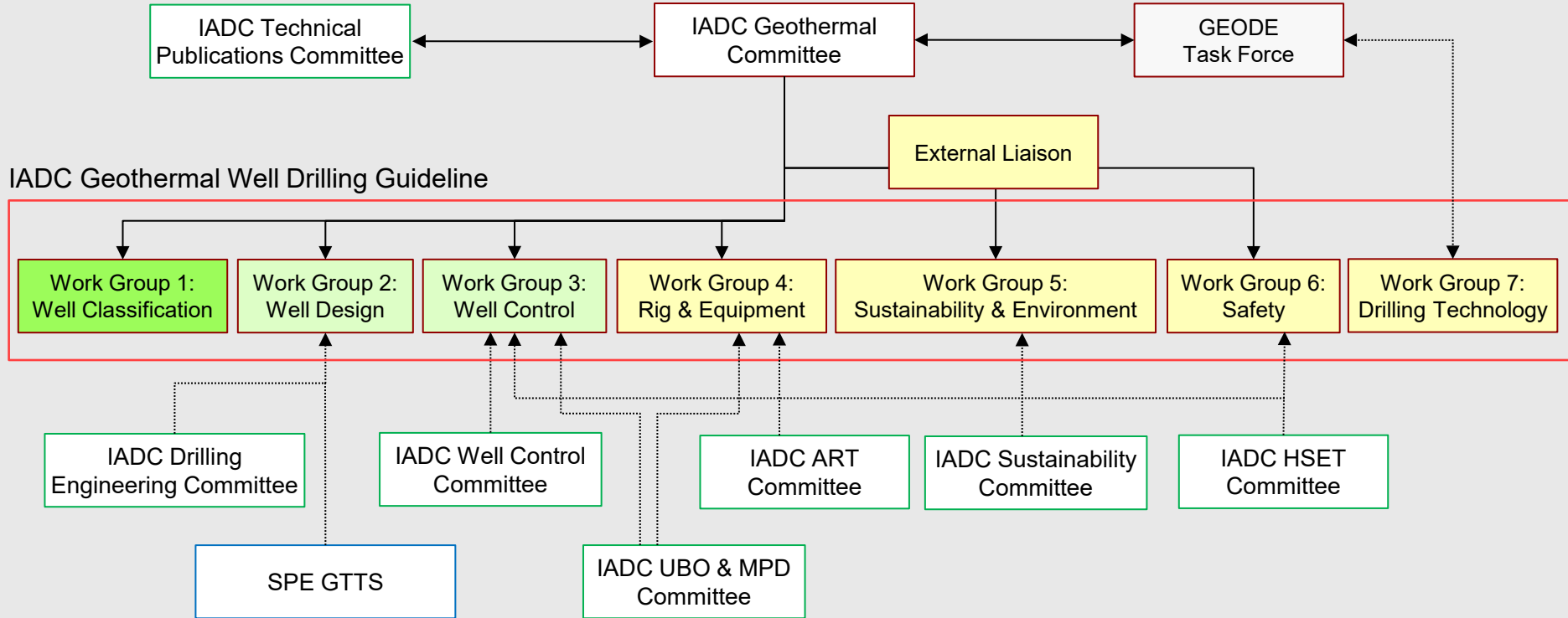
Committee Organization: support for external affairs



Committee Organization: Work Groups will liaise with relevant committees



Committee Organization



IADC Geothermal Well Classification

- Dedicated working session (5th) was held on 31/07/24
 - Feedback taken into account and some changes made
 - Design category requires a further meeting, to be held latter end of August
 - Outcome will be communicated with the committee once finalized
- Aim for publishing in October

AOB

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