

NCS2030 (RCN#331644)

Technical Committee Meeting #1/2022, 21st October, 11:30-15:00

Location: University of Stavanger, Kjølvs Egelands hus
Meeting room: D-303

Invited

TC-members:

| | | |
|--------------------|---------------------------------------|-------------|
| Robert Berendsen | Landmark Graphics AS | |
| Pierre Le Guern | Schlumberger Information Solutions AS | Via Teams |
| Jarle Haukås | Schlumberger Information Solutions AS | Not present |
| Tao Yang | Equinor Energy ASA | |
| Egil Boye Petersen | Aker BP ASA | |
| Paul Spencer | Vår Energi ASA | Via Teams |
| Kent Høgseth | DNO Norge AS | |
| Mohsen Rafiee | Wintershall DEA Norge | Via Teams |
| Thomas Lerdahl | OKEA ASA | Not present |

Guests:

| | | |
|-----------------------------------|--|-------------|
| Alejandro Escalona (acting chair) | Centre director, UiS | |
| Ying Guo | Deputy centre director, NORCE | |
| Christian Dye | Centre management, IFE | Not present |
| Zachary Paul Alcorn | Centre management, UiB | Not present |
| Siv Marie Åsen (ref.) | Project coordinator, UiS | |
| Kjersti Riiber | Communication, UiS | |
| Ivan D. Piñerez Torrijos | Validé | |
| Johanna Normann Ravnås | Wintershall DEA Norge | Via Teams |
| Stéphane Polteau | Work package leader, WP1, IFE | |
| Viktoriya Yarushina | Work package leader, WP2, IFE | |
| Tina Puntervold | Work package leader, WP3, UiS | |
| Ying Guo | Work package leader, WP4, NORCE | |
| Geir Evensen | Work package leader, WP5, NORCE | |
| Randi Valestrand | Acting Work package leader, WP5, NORCE | |
| Torfinn Harding | Work package leader, WP6, UiS | |
| Dora Marín | Work package leader, WP7, UiS | |

Agenda

1. Consolidation of the TC
 - a. Approval of agenda
 - b. Mandate
 - c. Chairman
2. Work packages update and project overview
3. Coffee break
4. Task forces
5. Reporting
6. Discussion
7. Next meeting
8. AOB

MINUTES OF MEETING

This first meeting of the technical committee (TC) of NCS2030 was chaired by centre director Alejandro Escalona. The meeting started with a presentation round and lunch.

1. Consolidation of the TC
 - The agenda was approved.
 - The mandate as described in the Collaboration agreement was presented. All user partners are currently represented in TC, Validé is invited as guest.
 - Mohsen Rafiee was elected chairman and Tao Yang was elected deputy chair. The election was confirmed by acclamation.
2. Work packages update and project overview
 - Escalona presented the structure of the centre and expectations to TC and task forces. TC should have at least two meetings a year, receiving information on centre activities. TC will report TC-activities to board and make recommendations regarding workplan
 - The work of the centre is divided in to 8 work packages, 6 scientific, 1 educational and 1 administrative.
 - The work package leaders, and background, aim and topics of the scientific work packages were presented (see attached presentation from the meeting). Twenty-six research projects, run by in total 20 individual project leaders, have been developed through dialog with user partners and approved by the board this year. The workplan, where the projects are described in more detail, was distributed prior to the meeting. The large amount of activity planed was noted. (How this will be followed up was outlined in the presentation/discussion following the coffee break)
3. Coffee break
4. Task forces
 - The task forces are described in the collaboration agreement as a dynamic arena that can be established on an as needed basis. This will be the arena where experts from industry can meet with researchers of the centre for in-depth discussions. Centre management propose that the initial task forces will be matched to the thematic areas: Subsurface Energy Systems, Net-zero emission production, Digitalization, and Society, and evolve from there as the needs and focus shift.
 - Task force leaders, Stéphane Polteau, Tina Puntervold, Randi Valestrand and Torfinn Harding, respectively, will invite to first task force meetings to take place before the end of 2022. They will invite relevant NCS2030-reserchers, all work package leaders, and TC-members who must forward the invitation to the relevant colleagues in their organisation. The meeting should be open to everyone related to the centre. The Scientific advisory committee (SAC) will be invited to attend as observers. SAC will sign NDA.
 - TC agrees that there is no need to send invitations by blind copy.
 - Task force meetings: at least twice a year but can have more. Can also arrange visits to companies, and workshops.
 - Expectation to task forces (Note: Must keep within the frame of the granted proposal)
 - i. Propose new projects
 - ii. Recommend changes to project plans, and provide justifications for said
 - iii. Identify innovation opportunities

- iv. Identify field cases (can also be abroad)
- v. Initiate collaboration with relevant research centres (maybe easier for industry to identify these opportunities, since they are partners in the other centres)
- vi. Identify opportunities for externally funded projects
- vii. Task force leaders should give a summary of activities in the task forces in TC-meetings (twice a year)

5. Reporting

- Tina Puntervold presented the centre management plan for reporting. The goal is to keep the reporting load on researchers to a minimum while complying with the mandatory requirements from RCN and supply useful and relevant information to stakeholders, mainly the industry, but also to the general public.
- There are three main reporting deadlines for reporting to RCN. December 1st: Progress project report (metrics/KPI and verbal description of key activities) and workplan for coming year (and also project changes, such as changes in budget). January 20th: Economic reporting (only economy people involved). April 1st: Annual report to RCN (written document describing the centres activity for non-scientific stakeholders). Annual report will be a public document. Most information for Annual report will be extracted from progress report and workplan.
- To comply with the RCN reporting, and at the same time report to TC and board, there will be a "hard reporting" in the autumn and a "soft reporting" in the winter/spring (Note: the presented timeline is for a normal year).
 - i. Hard reporting: Project leaders will be asked to submit two word-documents and a power point slide in September which will be QC by work package leaders. The templates for these reports were shown in the meeting (see attached presentation) and distributed prior to the meeting. Centre management and work package leaders will extract information from these documents to report to TC, board, and RCN. The documents will be shared/distributed to partners in its submitted state/form.
 - ii. For the spring meetings (TC and board) and Annual report, updates and highlights will be requested. Additional information for annual report will be extracted from the progress reports from the previous year. TC and board can also request specific updates from projects in the spring meetings.
- This year (2022), the reporting includes the project workplan (already approved by the Board), and project progress report, which should be finalized by November 15th.
- Centre management acknowledge that the reporting serves many masters, but hope that the proposed structure will be satisfactory, while acknowledging that we learn as we go, and reporting structure can be changed accordingly.
- It was commented in the meeting that the metric data for progress report can be extracted from Cristin. It is therefore very important that all centre related activities (publication, presentations, interviews, movies, poster, etc.) is registered in Cristin with the centres RCN project number **331644**. For availability for the user partners (and QA), the project leaders will also be asked to report the metric data and list of publications in the project progress reports.
- Alejandro informed that the workplan for 2022 and 2023 (almost finished workplan distributed to TC before meeting), will be open (decided by board) and used to promote the centre. Later, the annual report can be used for this, and the decision on whether future workplans will be open will be made by the board in the autumn 2023-meeting.

6. Discussion

- Regarding KPIs, is there a minimum number of KPIs that must be reported each year?: No, but a total expected number for the duration of the centre of publications etc are "promised" in the application.
- Regarding students, how to get them involved with the companies, and make it possible for them to work on real cases and data: The centre is in the process of employing the 6 first PhD. There topics are defined, but a goal of the centre is to facilitate contact between industry and PhDs/Postdocs. Co-supervision from Industry partners are welcome. Regarding Master students: Dora Marin has collected a list of Master thesis (see attachment #1), and if the industry has additional subjects that they would like to add, please contact Tina. If students can work at the industry partners location, this will be considered beneficial. Centre management also encourage the partners to take master students in for summer jobs to prepare for master thesis. Summer jobs and thesis can also be defined for BSc-students.
- Regarding resources from industry (data, core material, software): Schlumberger and Landmark need to make agreements of access to software directly with the different research partners. Data can also be taken from Diskos. The question of availability of core materials from relevant fields for

NCS2030-research was raised. Based on experience from the IOR-centre, it was pointed out that the earlier data is available, the better. An agreement to use data made available for the IOR-centre (Edvard Greig and Snorre) for NCS2030-research would ensure continuity and speedy results.

- The industry expressed commitment to share resources but need concrete requests. This can be defined in the Task Forces
7. Next meeting
- Next TC-meeting: 16th February 2023 (ref note: a little over one month before next Board meeting that will be 22nd March 2023).
8. AOB
- The centre's annual conference Energy Norway will take place 13th to 15th of March 2023 at UiS (Tjodhallen, same place as IOR conference). Monday 13th will be a workshop, and 14th and 15th will be the main conference program. Associated international projects and SAC will be invited to the conference, and to stay for one or two days extra to meet with relevant researchers and PhDs/Postdocs.

Meeting adjourned: 14:09

Action list

- Task force leader invite TC to task force meetings, and TC forward to relevant colleagues. Please provide 1 month lead time for industry.
- Industry sends master and BSc-thesis topics to Tina: tina.punternvold@uis.no
- Work package leader contact researchers to identify what real data, core samples and software they need access to, and take the requests to the relevant TC-members

Mom Attachments:

#1Thesis topics

#2Presentation from the meeting

Stavanger, 07.11.2022



Mohsen Rafiee (chair)



Tao Yang (deputy chair)