

# NKS coordination meeting 29 May 2020 (Teams meeting)

## Participants:

Sigurður M Magnússon (SMM), Kasper G Andersson (KGA), Ari-Pekka Leppänen (APL), Finn Physant (FP).

PC = programme managers (KGA, APL). SEK = secretariat (FP).

## Program:

29 May Teams meeting                      12:00-ca.14:00 (CET) Coordination meeting

## Agenda:

## Minutes:

1	Approval of the agenda. Secretary for this meeting. Going through the minutes of the meeting 26-27 November 2019.	SMM welcomed the participants. FP was appointed meeting secretary. The agenda of today's meeting was approved. The minutes of the November meeting were approved and it is hereby noted that all actions from the November meeting have been carried out.
2	Board meeting 22 January 2020 – follow-up.	Actions from the January meeting: A: the question of reflecting the relation between the Ministry of Economic Affairs and Employment and STUK in the policy document. SMM will address this question to the representatives of the Ministry and STUK. B: The document "Roles and Responsibilities" (by Anneli Hällgren and SMM) will be presented at the 10 June board meeting. Afterwards any adjustments of the Administrative Handbook according to the board's conclusions will be made. C: The seminar planning is on-going and will be taken further under meeting item 10. The draft minutes of the board meeting 22 January are expected to be finalized after the 10 June board meeting.
3	Accounts, annual report and auditing 2019.	SMM and FP presented the financial documents: the financial statements and the long-form audit report – both dated 19 March. The audit performed had not given rise to any remarks to the financial statements. The documents have been approved and signed by the owners.

4	Financial status report May 2020.	FP presented and described the present financial situation, which is in accordance with the board's decisions. The reserve is now ca. 0.77 MDKK – even after the board's January decision on a budget for 2020 with expenses ca. 0.5 MDKK bigger than incomes. This also means that the present reserve is in accordance with the board's decisions at its January meeting.
5	Financial situation 2020.	The invoicing of the owners and co-financiers is on-going and most of the contributions for 2020 have been received.
6	Financial situation 2021 <ul style="list-style-type: none"> <li>• Next year's contributions</li> </ul>	SMM expects new information about the financial situation 2021 in connection with the 10 June board meeting.
7	Brief administrative status report from R and B incl. <ul style="list-style-type: none"> <li>• Short presentations by the PC's - R and B</li> <li>• NKS activities during the Corona crises</li> <li>• Call for Proposals Autumn 2020 – schedule and CFP material</li> <li>• Budget frames for new R and B activities 2020-2021</li> </ul>	<p><b>B:</b> KGA reported: Overall the work in NKS-B is progressing well. Since last NKS-B status report:</p> <ul style="list-style-type: none"> <li>- 5 final reports published on website</li> </ul> <p>Delayed activities (from before 2019): None</p> <p>Activities commencing in 2019:</p> <ul style="list-style-type: none"> <li>- 7 (of 8) completed, 1 delayed (ICP-BIODEC)</li> </ul> <p>Activities commencing in 2020:</p> <ul style="list-style-type: none"> <li>- All 8 contracts signed, work mostly on schedule (Corona)</li> </ul> <p>NKS-B seminars in 2020: 4. <b>GAMMARAY X:</b> planned for 8-10 September at STUK. May need to be postponed (Corona)? <b>RAD-MERDE:</b> planned for 28-29 October at STUK. May need to be postponed (Corona)? <b>CRESCENT:</b> date not yet announced. <b>NUCSEM:</b> date not yet announced.</p> <p><b>Summary of ongoing activities and COVID-19:</b></p> <p><b>ICP-BIODEC (2019):</b> Expected to again run without problems as soon as the partner organisations get green light for continued laboratory work.</p> <p><b>SHIELDMORC 2020:</b> Inter-Nordic field experiment (travel required). Choice between delaying or alternative plan, unless international travel opens soon.</p> <p><b>GAMMARAY X:</b> Arrangement according to plan, but can the event be held as planned in September (travel) ? If not, later in the year or next year is the alternative.</p> <p><b>SLIM:</b> Purely theory / computation. No problems expected.</p> <p><b>RAD-MERDE:</b> <i>Experimentation:</i> A bit behind, but expect to deliver report on time. However, depends on access to laboratories. <i>Alpha</i></p>

*seminar*: Planned for October, but can people travel then (small fee asked)? Alternative: postpone (decision by July).

**ECOFOOD**: Slight delay due to activity leader's Corona illness.

Reporting expected on time, and no further problems expected (pure theory / computation).

**DTM-DECOM II**: Laboratory project, but so far no problems foreseen. However, depends on access to laboratories.

**NUCSEM / CRESCENT**: In trouble to arrange seminars this year, as the activity depends on external projects that are being delayed as well as on the possibility to travel. Ask for at least 6 months delay.

**R**: APL reported: Overall the work in NKS-R is progressing according to plan.

Status for the activities from CfP 2020:

- Contracts signed for all 6 activities (THEOS 3 contracts, one for each partner)
- No major delays reported – status update requested for 20 May
- Fortum & TVO have been invoiced this year's NKS contributions. Written support agreements are not made any longer with Fortum & TVO (as agreed with both organizations in 2019)

Status for the activities from CfP 2019:

- 3 out of 6 activities from 2019 completed and reports published on website: NKS-431: BREDA-RPV; NKS-432: PROSAFE 2019; NKS-434: COCOS
- TETRA nearly completed.
- 2 activities final report are pending (THEOS and SPARC). SPARC said they will "submit final report in May" LUT has submitted their part from THEOS but final report is not completed.

**Status for activities of CfP 2020 and Covid-19:**

**BREDA-RPV:**

- Final RPV samples were prepared and transported to VTT
- nanometer scale chemistry on weld metal was studied
- Fracture mechanical testing was completed and modelling work related to this has been fruitful

- *"The impact from the on-going pandemic is controllable but should be kept in clear view since there is domino effect since many activities are serial by nature."*

**COCOS:**

- The long term exposure experiments (8 months) at VTT have started.
- Samples from exposure experiments, 2 and 4 months, have been measured and the analysis is underway.

- Personnel changes within the research groups. 2 scientists have relocated.

**PROSAFE:**

- development is ongoing for two alternative HRA approaches and FLEX activities are mapped.

- Stakeholder working meeting is planned to late August/ early September and a project seminar will be held in December.

- *“The project is proceeding according to plan, despite the Covid pandemic”*

**POMMI:**

- Project meeting between KTH and VTT was held and the tasks distributed

- First milestone in August/September

- *“ No difficulties expected at this point.”*

**THEOS:**

- Two models have been developed to enable predicting the long-term thermal behavior of a large water pool during a steam injection through blowdown pipes and spargers at KTH

- At LUT set of experiments with spargers were performed in the PPOOLEX facility.

- At VTT CFD simulations will be performed for the direct-contact condensation and thermal stratification experiments of LUT.

**WPS-MAF:**

- The experimental program has been outlined and the material have been chosen. VTT is going to produce the specimens.

- *“Both the KTH and VTT labs are still open so we should not be too much affected by the covid-19”*

**BREDA-RPV:**

a workshop was planned for March 2020 in Espoo but got cancelled due to coronavirus lockdown.

No requests for young scientist travel assistance have been received in 2020 so far.

**CfP 2021:**

Announcement: 1 September 2020.

		<p>Deadline for receipt of proposals: 15 October 2020. Evaluation results to the PC's from the board: by 16 November 2020.</p> <p>SMM will propose activities' budgets in 2021 of a minimum of 3.0 MDKK for both R and B activities.</p>
8	<p>NKS after 2020</p> <ul style="list-style-type: none"> <li>• 22 January 2020 board meeting – actions</li> <li>• The advisory group</li> </ul>	<p>SMM informed the group about the ongoing work concerning the new document "Roles and responsibilities". The draft document will be handled by the board at its 10 June meeting. The document may get the status as an appendix to the document "Rules of procedure", which was approved by the board at its January meeting.</p>
9	<p>Administrative questions:</p> <ul style="list-style-type: none"> <li>• The Policy Document: "This is NKS" (STUK on behalf of MEAE)</li> <li>• Handbook for NKS Applicants and Activity Leaders</li> <li>• Administrative Handbook (Roles and responsibilities)</li> <li>• The new pamphlet (2020)</li> </ul>	<p>Concerning the Policy Document see Action A under meeting item 2. The "Handbook for NKS Applicants and Activity Leaders" is unchanged since 2018 and to be updated as needed. The "Administrative Handbook" is unchanged since 2019 and to be updated as needed – expectedly after the 10 June board meeting concerning "Roles and responsibilities". The new 2020 pamphlet includes APL as the new PC-R. The pamphlet has been uploaded to the website and has been made in a version ready for printing as needed.</p>
10	<p>NKS R and B seminar 2022 – on-going planning</p> <ul style="list-style-type: none"> <li>• Seminar planning committee and overall seminar theme</li> </ul>	<p>The planning of the 2022 seminar is ongoing. The group discussed the:</p> <ul style="list-style-type: none"> <li>- overall seminar theme</li> <li>- time schedule</li> <li>- possible speakers (including VIP speakers)</li> <li>- planning committee</li> </ul> <p>SMM will coordinate the results of these discussions with the board at its 10 June meeting.</p>
11	<p>The Website and other information activities:</p> <ul style="list-style-type: none"> <li>• Website statistics</li> <li>• NewsLetters, NewsFlashes</li> <li>• NKS and LinkedIn</li> </ul>	<p>FP presented the document "Short note on status of the website, NewsLetters etc." The running user statistics had now been focused on the monthly number of visitors, which was relatively low for January to April 2020 compared to earlier years. FP presented the top 10 downloads from <a href="http://www.nks.org">www.nks.org</a> 1 January to 30 April 2020. The top downloaded document was the very new third book of the Bo Lindell history, but the rest of the documents on the list are quite old NKS reports. This could indicate kind</p>

		<p>of library function over the years for a number of NKS report.</p> <p>Since the January board meeting one NewsFlash has been distributed. There is a list of more than 540 e-mail addresses, to which our electronic letters are forwarded. A NewsFlash will be distributed in the near future. NKS now has 105 followers on LinkedIn.</p>
12	Any other business.	None.
13	Time (and place) for the next coordination meeting	24 and 25 November were reserved for a meeting at Risø.