

Welcome to Pad NCC BG, CY, TBA, TBA created by Jisika Yono at Wed Sep 23 14:30:01 2020  
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## **Introductory Session with NCCs Bulgaria, Cyprus, Iceland, Finland**

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**Sebastian von Alfthan, Stelios, Todor Gurov, Emanouil Atanassov**

Question (Morris): where will be the slides, in which BSCW folder? Thanks!

**\*\*\*\*\*15 min introduction of each NCC comprising activities planned in tasks x.1-x.7\*\*\*\*\***

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1. Bulgaria, Aneta Karaivanova

- Partners: IICT, SU, UNWE: have diverse scientific and technical background in HPC, and in ICT in general, so as to ensure achievement of the project objectives and guarantee the overall success.
- Current status: Bulgaria has basis for HPC: Currently, the Bulgarian HPC facilities include the main HPC system, Avitohol at IICT (operational since 2015, with position 331 in TOP500 list) and several smaller HPC systems, all of them giving open access and providing services to Bulgarian researchers. A significant amount of new equipment with HPC capabilities (Petascale HPC systems) and substantially bigger data capacity (Petabytes systems) is expected in the next two years.
- Thus, now is the perfect timing to perform the activities planned in EUROCC in order to prepare academia, industry and society as a whole for the new level of HPC in Bulgaria
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- Envisaged status/objectives: implementation of the activities foreseen of EuroCC, facilitate uptake of HPC applications by users from SMEs, academia and public administration, increase awareness and outreach on the benefits of HPC in society, establish stable foundation for national and regional training through identification of requirements, synergies and gaps, raising awareness and working with SMEs
- Task 3.1 leader: Aneta Karaivanova, 3.2 leader: Ana Proykova, 3.3 + 3.4 leader: Kamelia Stefanova, 3.5 leader: Emanouil Atanassov, 3.6 leader: Veselin Kolev, 3.7 leader: Aneta Karaivanova
- KPIs: Contacts with new stakeholders: 20, joint actions with industrial partners: 9, dissemination events: 1 big + 3 targeted dissemination events, success stories: 8, training teams organised: 5.

- WP3 leader: Aneta Karaivanova
  - GA representatives: Aneta Karaivanova, Emanouil Atanassov
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- Bastian: PMT is here to support the NCC, discussions are not a test so please be open, we want to support you.
  - Andreas: next steps?:
    - appointing the people that will work in the project
    - discussing and preparation of the roadmap
    - plan for each task
    - no blockers

## 1. Cyprus, Stelios

- CaSToRC: is one of the 4 research centres of the Cyprus Institute
  - Principal investigator: Constantia Alexandrou
  - Status 6.1: hiring NCC personnel; 6.2 training and skills for both NCC personnel and user communities; 6.3 consultancy services planned, set-up underway, 6.4 person will contact companys that have the potential for the usage of HPC; 6.5 continuous assessment of competences, 6.6 (High level Support Team) provide HPC infrastructure and offer support; 6.7 maintain own castorc website to act as single contact point
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- Andreas: next steps?:
    - manage first task
    - more people for support team
    - finalise the roadmap
    - industry scouts will contact companies in industry

## 1. Iceland, Morris Riedel

- Morris Riedel will lead the NCC Iceland's activities, together with Ebba Hvannberg
- Challenges: HPC community is quite "unstructured" currently, through the NCC this should be overcome; LUMI activities will be incorporated
- current status: kick-off planned with RANNIS proposal HPC user communities; initial business/tech meetings planned, incl. quantum computing
- Meeting with University of Iceland Project Management office and dissemination office
- pillar leaders and community leaders, not really champions
- Tasks: 33.1 name finding for NCC; champions discussions; 33.2 HPC systems not available to industry (challenge), surveys planned for 17 user communities and industry & commercial area; 33.4 first meeting already held (e.g. DeCode Genetics); 33.5 mapping of 17 user communities. lab-oriented, wanted: bottom-up structure; 33.6 makeover of IHPC website with community accounts
- Question (Morris): Web page costs from Project costs (Answered: should be possible in other costs if not too high)
- Question (Morris): lessons learned industrial machines on tax-payer resources
- Andreas: is there more personnel planned?
  - PhD student; will move to Iceland next year
  - another person will support
  - need other persons that are no professors, one candidate will be then post-doc Ernir Erlingsson from next year (2021), strong HPC DEEP-EST Project experience & natural speaker in Icelandic
- Bastian: website funding foreseen in GA?
  - if costs not too high, it is possible to put it in, but depends also on national regularities
  - a more sustainable solution needed

## 1. Finland, Sebastian von Alfthan

- CSC, non-profit state organisation, works on computing and software
- 3 national systems: Puhti, Mahti, Allas + two cloud systems
- NCC Finland: focus on pre-exascale system LUMI ([www.lumi-supercomputer.eu](http://www.lumi-supercomputer.eu)); tasks leaders presented,
- First activities in Q4:
  - applications to enable work;
  - roadshow planned,
  - further develop LUMI communications / pr
  - online training development incl. quantum computing competencies development,
  - facilitating access to LUMI and management of sensitive data,

- pilot projects fo industry and consultations

- Question 1) (Morris): Finland, Belgium, the Czech Republic, Denmark, Estonia, Iceland, Norway, Poland, Sweden, and Switzerland are LUMI countries and overlap with EuroCC, is there some 'EuroCC organisation' clustering around this planned and/or useful? Answer (Bastian):
- 2) Sensitive data handling (Morris). Answer (Sebastian): Cloud solution is working, work on how to support this in a more HPC-generic environment, define minimal requirements for diff. data types; data encryption, isolation could be possible solutions, further will be researched. Use cases will be brought in.

**\*\*\*\*\*discussion on the competence map and roadmap templates\*\*\*\*\***

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## 1. Roadmap

Timeline: 1) Deadline for the first draft: 10.11. (you will receive feedback from us); Deadline for first full version ready for the review: 09.12.; Deadline Review comments ready: 16.12.; Deadline for the final version of the Deliverable: 21.12.2020

Page limit: 20 pages in total

Questions:

1) (Morris) Will other countries' documents (=roadmaps) be accessible to the pthers, to learn from them? Answer (Bastian): inside the consortium yes, we should be able to share the contents (exception could be detailed information on, for instance, full business models).

2) (Stelios) Will the roadmap template & timeline be shared? Yes, they will appear on BSCW. The NCCs can also upload their presentation slides onto BSCW into the respective meeting folder.

3) (Morris): How should we address the potential second phase/extension of EuroCC when talking to partners? (Bastian): the first 12 months will be crucial for us (time until first review), we all aim for an extension but first we have to answer the question in what way we could become sustainable.

## 1. Competence Map

Meeting with CASTIEL WP2 on Friday October 2nd, at 14:30 (invitation with call-in details will follow from the colleagues in CASTIEL WP2)

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\*\*\*\*\***Open issues**\*\*\*\*\*

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\*\*\*\*\***Action Points**\*\*\*\*\*

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- naming conventions for files
- upload documents (template, time line) to BSCW