**Joint Task list from the Nordic Working groups**

**August 2018**

**About the task list**

Following is list of tasks represented in Periodic reports from the Nordic WG in Mars/April and I august 2018. The tasks are brought into this list from the reports and the status is represented in colours: A green colour for tasks that are finished, a yellow for tasks that are worked on according to a plan and read for tasks that have not yet started or are not on track according to the WG plans.

Under the cooperation of the Nordic Mapping and Cadaster agencies we do have 7 working groups:

Cadaster WG, Communication WG, Competence and Governance WG, International Services WG, IT and Development WG, Land Registration WG, Land Mapping WG and the NIC WG.

Beyond the listed Working groups there are external Working groups and Networking that is not “obliged” to report to the Director Generals meetings according to the agreement. The main reason for this is that these working groups/networks are mixed with people from the Mapping and Cadaster agencies and external people like from ministries, universities or environment sectors.

The NIC WG sent out a request to all the Nordic WG and asked for periodic reports. We got responds from all except Land Registration WG and Communication WG. The WG of Competence and Governance responded but did not send a periodic report.

The task for the WG that did not respond with Periodic report in spring or august 2018 are gathered from earlier reports.

*Eydís Líndal Finnbogadóttir*

*NIC member.*

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| **TASK** | **Status colour** | **Status - Description** |
| **Working Group and task** | **code** | **Status information** |
| 1. **The Land Mapping Group** to share experiences and report on 3D/4D data |  | The work has started. There is planned a workshop on this and a report as a final product. This is in responsible of Risto Ilves, Finland |
| 1. **The Land Mapping Group** to look at the issues of joint collection of data, e.g. joint funding of aerial photographing with many stakeholders including municipalities. Not a top priority issue, but maybe an area where the Nordic NMAs can learn more about how this data collection is done and funded today. |  | This work is completed. Web questionair was sent out and this was discussed at the Aerialphot. Laser WG. The main findings are that most countries are already using the method of joint collection. Joint collection over borders is considered too complicated. Results are in a brief report. A joint two days meeting will take place in Finland in the end of November together with Land Mapping working group and DEM. How to strengthen the cooperation and share knowledge and experiences. |
| 1. **The Land Mapping group** to study Megatrends. |  | Completed. Two Megatrends were stated. This task will be merged with the User needs task from now on. |
| 1. **The Land Mapping Group** to study the User Needs. |  | The work has started and is up and run lead by Tomas Martin Holtan, Norway |
| 1. **The Land Mapping Group** to develop a knowledge of user needs within the Bio Ecosystems |  | Work has started, and the work will be introduced at Stora Chefsmödet. Report was   delivered to the “Lilla Chefsmötet” in April. A workshop will take place in Sweden August 30, hosted by Lantmäteriet and Swedish Geodata council and Swedish University of Agricultural Sciences.  Participation from all of the Nordic Countries. Focus will be on the forest industries. |
| 1. **The Communication Group to** further elaborate on how to identify user needs in general, ref. report from Big Sjefsmøte at Iceland, and report to Lille sjefsmøte in May 2017 |  | This has still not been worked with within this group. The task has been handled under the Land Mapping group. |
| 1. **The WG on Cadastre** to look at t**he issue of coastal maps** and marine cadasters. It is increasing international focus on these issue, but also difficult as legislation on rights, etc. are so different. Some work on this has been done, but not on a purely Nordic level (participation from the Netherlands and maybe others could be considered). The question on where our Cadaster ends and Marin maps apera has been raced. |  | This discussion has started and will be continued. No reportin on it yet. |
| 1. **The WG on Cadastre** identify how to impove the quality of cadastral maps. |  | Will be introduced at Stora Chefsmödet |
| 1. **The WG on Development**  **and**  **IT** to look at how to handle the massive amounts of imagery data |  | Status UNKNOWN |
| 1. **The WG for International Services** will set up a common Mentor Program with start 2018-2019 |  | This has not started yet but Maria Lodin and Peter Wasström, Sweden will lead this |
| 1. **The WG for International Services** will participate in the World Bank Conference 2018 |  | Not started, Maria Lodin and Kent Nilsson are responsible |
| 1. **The WG for International Services** will participate in the FIG WW 2018 with an eventual booth and a presentation. |  | Kartverket and Lantmäteriet had a common booth at FIG in Istanbul in May 2018 |
| 1. **The WG for International Services** will host a one day seminar “Land and Development” in 2019 in junction with the WPLA Workshop 2019 in Norway |  | Not started yet as it is first in 2019,Elena Busch, Norway is responsible |
| 1. **The WG for International Services.** A Framework Agreement for the Nordic NMCA’s development work within International Services signed in 2018-2019 to get a more efficient cooperation on the international area |  | Not started but will be carried out byMaria Lodin and Peter Wasström |
| 1. **The WG of Competence and Governance** will follow up on performance of Nordic NCMA Staff exchange |  | Follow up on the WG meeting. Results: No Staff exchange were active in the year 2017. This is an ongoing Work within the WG |
| 1. **The WG of Competence and Governance** will work on how to measure and find out figures for Productivity |  | Completed. Results were introduced in slides and are part of the WG minutes |
| 1. **The WG of Competence and Governance** will work with the task on how to integrate with change management, Management system and Project portfolio |  | This task was postponed to year 2019 and will be led by Iceland. Has not started |
| 1. **The WG of Competence and Governance** will come with estimation on Competence needs for the future |  | This task has started and is estimated to have some discussions and results in 2019 |
| 1. **The WG of Competence and Governance** will come with estimation on Digital Competence |  | This task has not started. Will be lead by Sweden and Worked within in 2019 |
| 1. **The WG of Competence and Governance** will share experiences regarding performance management in the Nordic NMCA |  | Completed. An overview from Icel. and Swe. were introduced at the WG meeting and results are to be found in the minutes and as a slides. |
| 1. **The NOSIN WG** will look into Linked Open Data / Unique identifiers / Registers |  | This task has started |
| 1. **The NOSIN WG** will look into GeoNetwork/Catalogue services/Open data related |  | This task has started |
| 1. **The NOSIN WG** will look into Service and Data Infrastructures |  | This task has started |
| 1. **The NOSIN WG** will look into Analyze trends |  | This task has started |
| 1. **INSPIRE Network** to coordinate Nordic participation in the INSPIRE EU Commission's work |  | This is done with discussions on meetings and monitored in meeting minutes |
| 1. **INSPIRE Network** will exchange on views and solutions regardingvariable inspire tasks related to both policies and Governance. |  | The results are presented in the meeting minutes. On last meeting there was decided to have a skype meeting specially on following tasks, URI, EU Thematic viewer and INSPIRE conference |
| 1. **Working group of Land Registration** will look in Automation and Digitization of processes |  | Has started and is worked on |
| 1. **Working group of Land Registration** will look in to Digital Authorization and EIDAS |  | Has started and is worked on |
| 1. **Nordic address forum**   Exploring the uses of the address data |  | Unclear if this has started or not. |
| 1. **Nordic Aerial photography / Laser WG**   Questionnaire about joint collection of data |  | Unclear if this has started or not. Finland to lead |
| 1. **Nordic Aerial photography / Laser WG**   Micro seminar on Single photon LiDAR and storage challenges |  | Unclear if this has started or not. Iceland to lead |

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| **Tasks already delivered in 2017** | | |
| 1. The Land Mapping Group to compare the geodata strategies of the Nordic NMAs |  | Done and the report is to be found in Antura. It will be sent to the DG. |
| 1. The Cadastre group **to share opinions** and **report on the topic of boundaries** being legally defined by coordinates. LM is already working on this and other NMAs are considering the matter |  | This is worked on and there is a presentation from Sweden in Antura on this topic. |
| 1. All WGs to discuss how user needs are/could be identified in their respective domain |  | The Landmapping group has made a service based on the user needs from the KRIS GIS group as promised from the last big Sjefsmöte.  A survey has been carried out in a spreadsheet on what licensing are used for open data. A presentation has been made and is available in Antura. |
| 1. The WG on land registration to look at the problem with **abandoned properties/dead title holdes.** Exists in northern parts of Sweden and Finland mainly, but Pia remarks that Denmark also has some problems and has an interest in seeing what comes up. Iceland interested as well. **The WG should try to define the size of the problem, describe it and the consequences, and maybe suggest a way forward.** |  | This has been worked with. There is a report written regarding this topic. Report on this topic is to be found on Antura. |
| 1. The WG on IT to look at examples of electronic processes/applications from citizens within the domain of the NMAs, such as e-byggsök in Norway, application for bygglov in Finland, Digitalt först in Sweden. Also to look at examples from neighboring countries. The Nordic NMAs need to work more on supporting digitalization/e-government. |  | IT group shared their view at a meeting in Gävle in jan 2017. Presentation are in Antura.  Result: It was the feeling of the group that there are not that many common fields that it is practical to work further with this topic.  Also worked with:  Disruptive technologies  Agile development methodologies. |
| 1. The Cadastre group to share opinions and report on how the Nordic NMAs are working on improving the quality of the cadastre map – sporadically and massively |  | This was worked with in a meeting in the Faroe Islands. A presentation from Finland is to be found in Antura. |
| 1. All WGs to look at future trends (megatrends) in their respective domain. Could be a hot topic at store sjefsmøte in 2017 |  | Technical workingroup presented future trends.  Land Mapping group has viewed this from the Land Mapping perspective. A presentation about this is found in Antura. |
| 1. The WG on land registration to consider looking at legislation to cancel registered rights (preclusion/moratorium), however the topic should not have top priority. |  | This topic has been carried out and is to be found in Antura in report sent from Dennis Linden, Sweden. |
| 1. IT group to look into digital strategy. What is DS and what is needed to establish it |  | Conclusion: A digital strategy can be separate from the business strategy but it can also be a part of the business strategy. It can look at the business from a digital perspective and/or it can look at how to develop the business from a digital perspective. There is no need for a common view or use of this. |
| 1. **The NKG** to collect and compare the current geodetic strategies of the Nordic NMAs and comment on differences. (the work may be started already), including the topic of dynamic coordinates |  | This has been delivered in form of slides. |
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