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| Land Mapping Working Group, Report 2017-2018 |
| **Reporters name:** | Anders Sandin/Gerd Lindroos |
| **Chairman**  | Anders Sandin |
| **Members** | **Denmark**: Anders Færch-Jensen; afj@sdfe.dk**Finland**: Juha Vilhomaa; juha.vilhomaa@nls.fi, Risto Ilves; risto.ilves@nls.fi, Jani Kylmäaho; jani.kylmaaho@nls.fi**Iceland**: Gunnar H. Kristinsson; gunnar@lmi.is**Norway**: Erik Perstuen; erik.perstuen@kartverket.no; Tomas Martin Holtan; tomas.martin.holtan@kartverket.no**Sweden**: Anders Sandin; anders.sandin@lm.se, Pär Hedén; par.heden@lm.se, Peter Nylén; peter.nylen@lm.se and Gerd Lindroos; gerd.lindroos@lm.se |
| **Purpose of the group** | **Framework for the cooperation**For all countries and parties to actively contribute in the work to share experiences and knowledge; ***the scope includes cadastral and topographic data, the2D-4D perspectives on this data, the methods for collecting, storing and disseminating of data and the usage of the data in society.*****The Guiding principle**The guiding principle for all work in the group is the end-user perspective and the end-user needs.**The Scope**As it is evident that the users increasingly need a combination of geographical information (collected through various methods) rather than a map in the traditional sense (or a single type of information) the focus of the group will reflect the complete range of data collected in the Nordic mapping agencies (except for marine data) and the link between these geodata and other public data. **This scope therefor includes cadastral and topographic data, the 2-4D perspectives on this data, the methods for collecting, storing and disseminating of data (including tender procedures) and the usage of the data in society**. The group will have a specific focus on exchanging knowledge and ideas about how to monitor and facilitate the usage of open data by new users in the public sector, as well as key branches in the private sector. The scope will also make it possible to have an ongoing and proactive dialogue about the future role of the national mapping agencies.  |
| **Reporting for 2017/2018** |
| **Progress compared to last year*** **Please inform also how the strategic goals of the Nordic Cooperation Strategy have been implemented**
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| **1.Needs** of society - present needs and future trends First, we must realize the needs of our society and where it is heading. With a clear view of needs and trends our organization leaders can have well founded discussion with stakeholders and end users or our data and services *Land Mapping*: A description and a report ‘Nordic Geodata Strategies - overview’ was presented at the Stora Chefsmötet. We have had both further and deeper cooperation with the KrisGIS WG and our common project ‘Harmonized Cross Boarder Data’ HCBD, was delivered with focus on the user needs.2. **Positioning** of the NMCAs’ role in the future society Based on needs and trends we can find out the best position/role of the NMCA’s in our future society. *Land Mapping*: In our role as NMCAs all involved countries has produced a National Geodata Strategy which is based on our current role today and which also describes the transformation to our future goals and visions as concluded in our report ‘Nordic Geodata Strategies – overview.’3. Future **services and data solutions** When our role is clear we can develop and work with the right deliverables, solutions, services etc. *Land Mapping*: Continued work in our common project HCBD.4. **Efficient** organizations To succeed our organizations have to work efficiently in today’s competitive environment. *Land Mapping*: Not applicable now.5. Shared **competences** In our specialized world, we need to cooperate and share knowledge and resources where feasible. *Land Mapping*: As an example, and where we have a long-shared cooperation, is within Joint Data collection and the model Digital Elevation Model, DEM. An annual meeting is held on this subject and during this period it was held in Copenhagen 2017-11-30—12-01.6. **Cooperation** in the international arena The Nordic NMCAs are stronger together in the international arena and can specialize and share workload. 1. Land Mapping: In our working agenda EuroGeographics has been incorporated through the ELS procject. The Copernicus programme has also been involved together with our deliveries on *In Situ data* with support from Copernicus KEN.
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| **Tasks/ activities for 2018-2020** |
| At our autumn meeting we started by reviewing and checking up on the history and purpose of the Land Mapping working group, LMWG, to get a common base for the discussions about the 2018 activity plan.Overall update on the LMWG topics*Topic 1*, *Geodata strategies*, responsible Peter Nylén Sweden:Is completed. *Topic 2*, *3D/4D data*, responsible Risto Ilves Finland: Are in a startup stage.*Topic 3*, *User needs*, responsible Tomas Martin Holtan Norway: Are up and running. *Topic 4*, *Megatrends,* responsible the whole LMWG. Up and running. At the meeting in Norway in June 2017 we decided to skip defining a separate group on this topic. Instead we decided to have this topic as a common task for the whole LMWG group. So far two megatrend statements have been made. From now on it will be merged with the handling of topic 3.*Topic 5*, *Joint data collection*, responsible Gunnar Kristinsson Iceland: Are up and running.In summary, we concluded that the LMWG proudly can mark green on all topics.Discussions about activities for 2018The meeting agreed upon the need to complete the HCBD activities around the KrisGIS user needs by the upcoming meeting with the KrisGIS group in May 2018.The meeting also discussed the possibilities to bring in new common tasks into the LMWG cooperation. After discussing different alternatives, the LMWG agreed to focus on Juha´s proposal, to develop the knowledge about the user needs within the Bio economic ecosystems (forestry, agriculture, fishery and energy), see a link: [www.bioeconomy.fi](http://www.bioeconomy.fi). The meeting agreed upon that Geodata is the Backbone in any Ecosystem! This task will also hit the needs of Agenda 2030.We discussed how this wide area could be divided between the NMA’s in the Nordic countries. Juha agreed to produce some slides describing the area and we agreed upon having a Skype meeting on March 12, 15-15.30 CET to discuss the ideas further. The working group will reply to Juha latest by the 2 March. We plan to start with a sales pitch of this at the Little Big meeting.We also agreed to define a preliminary seminar on the 22 August for a joint meeting on the subject. To Lilla Chefsmöte we will deliver two papers, one on BioEconomy and one on Copernicus. |
| Planned meetings 2018 |
| Working Plan 2018

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| **Dates** | **Focus area** | **Activities** |
| 2018-02-08 | 1. Eco systems
 | * ’Draft’ from Juha 16 February
* Anders ensures that Nordic DG’s encl this at meeting 23-24 April. Done 12 February.
* Response to Juha 2 March.
* Skype meeting 12 March at

15.00 hrs CET |
|  | 1. Copernicus
 | E-mail ‘Benefits for Copernicus’ from Anders, reply 23 March |
|  | 1. HCBD
 | Continuing |
| 23 March | Land Mapping wg reporting |  |
| 23–24 April | Lilla Chefsmötet, Greenland | Copernicus, requested by Magnús Guðmundsson.’Sales pitch’ for Eco systems |
| 3-4 May | Land Mapping/KrisGIS/It groups Return to Olav Petter Aarrestad with suggestion on Agenda topics.  | Digital business/government platform (customers/citizens, ecosystems, it-systems, things and intelligence). |
| *15-16 May, cancelled* | Bookshelf workshop | *NEW date will come* |
| 22 August |  | External Workshop, Eco systems |
| 27-30 August | Stora Chefsmötet, Faroe Islands  |  |
| 7 September | Land Mapping wg, Iceland |  |
| 16 November | Land Mapping wg, Norway |  |
| November/December | DEM meeting |  |
| 2019 |  |  |

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| **Coordination with other working groups** |
| We are coordinating closely with the KrisGIS group and have just started cooperating with the IT Group. A joint meeting in Gävle is planned the 3-4 May 2018. |
| Tasks or Consequences for other Nordic WG/Network |
| We need to cooperate with Inspire Norden. |
| Future strategy of the group - 2 years view |
| **Future priorities** | To achieve our goals in the Working plan 2018-2020. |
| Anything else you would like to tell? |
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