Reporting

IT and Development WG

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Purpose of the group	Strategic collaboration within the IT and development area with the purpose of create a foundation for existing and establishing new digital services. Strategic collaboration within topics such as trends, digitalization, Internet of things, cloud solutions, big data, open data, linked data, information security, strategic architectural and technological issues as well as innovation. Discuss IT governance issues, exchange competence and find areas for collaboration within IT and development in the geoinformation area.

Reporting for 2015/2016

Progress compared to last year
- **Please inform also how the strategic goals of the Nordic Cooperation Strategy have been implemented**

The has been changes to the group with new participants from Sweden, Denmark and Finland during 2018 and 2019. To refocus a revised mandate has been developed and agreed involving both the Nosin and Standardization sub groups. The group has had several Skype sessions and one physical meetings in Sweden (October, partly together with the land mapping group) and Finland (February). In this session national responsible for GDPR participated and a temporary working group was established. A new topic has been identified based on the experience from Norway. Further discussions on this topic is ongoing.

Main findings / results in WG

The IT WG have participants from S, FIN, DK, IS and N. Several of the participants are heavily involved in local activities leaving less time for tasks like Nordic collaboration. It seems that knowledge exchange is still the main hot topic and will be addressed. Various topics are still under evaluation if suitable based on resource availability.

Tasks/ activities for 2019-2021

The IT group will produce a report which includes recommendation regarding upcoming technologies:

- WFS 3.0
- Linked Open Data / RDF

The two sub groups, NOSIN and Standardisation will be assigned relevant topics to support the report

Knowledge exchange will be achieved as an integrated part of this work

Nosin Open Source

- On behalf of the IT working group "Development and IT", carry out given relevant tasks and subsequently report back progress and results.
- To jointly evaluate, develop and configure open source software solutions for national and for INSPIRE spatial data infrastructures in participating countries.
- Share tech knowledge and experience on SDI´s and form common Nordic viewpoints and strategies on these issues as input to our participation in the INSPIRE MIG workgroups

Deliverables:

Deliver a documented and working pilot on WFS 3.0 and Linked Open Data within June 2020

The mandate of this group is to discuss and participate standardization activities in ISO/TC 211, CEN/TC 287 and OGC, like:

- enable a better understanding of the standards by presentations and discussions;
- consider where the Nordic countries have joint requirements/needs;
- ensure that the business plans of the respective committees align with the Nordic needs;
- discuss comments on standards during the process;

Deliverables:

Deliver a report covering possible usage of WFS 3.0 and Linked Open Data as standardized components within June 2020. The group will hold a one-day workshop in relation to the autumn meeting a subject to be decided at the spring meeting.

Planned meetings for the next year

Several Lync and physical meetings are planned for the next half year. No concrete discussions regarding 2020 yet.

Coordination with other working groups

One common session was held in Sweden together with Land mapping group regard NSDIs.

Tasks or Consequences for other Nordic WG/Network

No consequences are identified

Future strategy of the group - 2 years view

Reporting

Future priorities	There is a clear need and value related to knowledge exchange covering a range of topics. The link to the strategy is still weak, maybe apart from #5 and # 6. It is noticeable that local strategic development takes precedence and capacity is not allocated to the other Nordic topics. It seems that the individual Nordic strategies have very different focus and priorities and it does not create a common ground for a Nordic strategy.

Anything else you would like to tell?

Several bilateral topics have been identified and have led to further activities and knowledge exchange.