**Arctic SDI**

**Geoportal Working** **Group**

**Activity Plan**

1. Establish the Arctic SDI Geoportal using Oskari

* Server environment setup (Kartverket)
* Creating an Ansible playbook for Oskari installation
* Setup user roles (admin, logged in user, guest) and initial user accounts

1. Definition of ASDI Oskari Geoportal setup - 1st phase
   * Support for EPSG:3575 (Europe) coordinate system
   * Basic map functionality: map window, selection of map layers, re-ordering of map layers, opacity control for map layers, zooming & panning, history tools, measure distance & area
   * Metadata search and display - connection to ASDI Metadata Catalogue CSW
   * Functionality for sharing map view as an URL-link
   * Functionality for saving map view (for logged in users)
   * Functionality for embedded maps (for logged in users)
   * Gazetteer Search? **To be discussed in WG**
   * Access control & login, user account management (for admin users)
   * Admin tool for WMS layers (for admin users)
   * GetFeatureInfo support available for WMS layers
2. Establish the ASDI Metadata Catalogue
   * Set up GeoNetwork installation
   * Harvest or create relevant metadata
3. Connecting CSW/WMTS/WMS services to the Geoportal
   * ASDI Metadata Catalogue provided by Lantmäteriet
   * WMTS cascading service provided by Kartverket
   * Additional WMS services to be added case by case
4. Keep the installation up to date with the latest Oskari release

* Modifications and additions to be made using an Ansible playbook

1. Definition of ASDI Oskari Geoportal setup - 2nd phase
   * Timetable for 2nd phase, **to be discussed in WG**
   * Map legend display (when content is available, **to be discussed in WG**)
   * Support for multiple coordinate systems
   * Admin tool for WMTS layers
   * WFS support
   * My places
2. Documentation

* User guides
  + Map window
  + Embedded maps
* Technical documentation

**Estimated time schedule**

|  |  |  |
| --- | --- | --- |
| **Milestone** | **Activity** | **Date** |
| Pre-release actions | * Service URLs availability so they can be connected to the Geoportal * ASDI metadata catalogue | May 30th  **Date?** |
| Release version 0.9 | * Geoportal installation * Geoportal group testing period * 1-2 test users per organization | June 6th  June 6th - August 4th |
| Adjustments according to feedback (whenever feasible) | * Bug fixes * Colors, fonts and other minor adjustments to the Geoportal * Adding user accounts and adjusting roles * Adding more services | August 4th - August 21st |
| Release version 1.0 | * 1st phase functionality available | August 22nd |
| Development and preparation for 2nd phase launch | * Bug fixes * Adding more functionality | August 22nd - TBD |
| Release version 1.1 | * 2nd phase functionality available | TBD |