



Work plan for Living Norway for 2021

1: Project administration

The key role is to ensure efficient flow of information within the network, to represent the network in various settings, to work targeted to secure external funding, and to ensure that milestones and deliverables are being fulfilled.

Key activities and deliverables in 2021:

- Responsibility for overall consortium and network governance
- Maintain a structure for efficient communication internally in the network
 - Use Teams and SharePoint for official communication and documents
 - Google Drive and OSF for shared working documents
 - GitHub and GitLab for technical documentation for the portal, standards development and R-tools
- Work targeted to acquiring external funding for parts of the project
- Arrange bi-monthly meetings in the networkgroup
- Establish the Living Norway board
- Coordinate and align Living Norway with other more general open science initiatives

2: Network and outreach

To make sure Living Norway is well known in the community, and that Living Norway become a go-to partner for issues related to FAIR management of ecological data is a key success factor at this stage.

Key activities and deliverables in 2021:

- Present Living Norway at all partner institutions and other key research institutions in Norway
 - Prepare a standard slide show for presentation of Living Norway to stakeholders
- Communicate the existence and possibilities of Living Norway to the Norwegian Environment Agency, Ministry for Climate and Environment and other key institutions and stakeholders

- Participate in relevant community settings
- Arrange the “Living Norway Seminar 2021” fall 2021 in Trondheim
- Keep the webpage updated, including regular blog / news items / Twitter account
- Add network information at the website, where individual network members can be highlighted

3: Data standards development

In Living Norway we ambition to contribute to the international development of biodiversity standards. In particular for some areas, such as sampling based time series data and molecular data, there is a need for such development.

Key activities and deliverables in 2021:

- Identify key existing “how to” guides for use of biodiversity standards for data beyond occurrence only data
- Prepare “how to” and “best practice” guides for key data types handled by Living Norway
- Prepare “how to” or “best practice” guides for data standards, when they are being used by the consortium
- Prepare scientific publication about best practice and implementation of the Darwin Core standard in ecology

4: Data flow, data storage, data portal

The key mission of Living Norway is to prepare software to assist in a FAIR management of ecological data. This work will continue in 2021, and a key milestone will be the publication of the Living Norway data portal.

Key activities and deliverables in 2021:

- Release of the Living Norway data portal: Late winter 2021
- Release of LivingNorwayR - R-based tool for producing Darwin Core archives, data wrangler & quality control tool version 1.0: March 2021
- R-based tool: Visualizing data from a Darwin Core Archive version 1.0: October 2021
- Set up data archiving services with UninettSigma2: Fall 2021
- Promote data mobilization – coordinated with NINA-Miljødata and GBIF Norway

5: Education and training

Improving data management and making data FAIR is not only about technical implementation of new infrastructure, but also require a cultural shift. In line with this, Living Norway will also focus on establishing and promoting education and training in data management, data publication and open science.

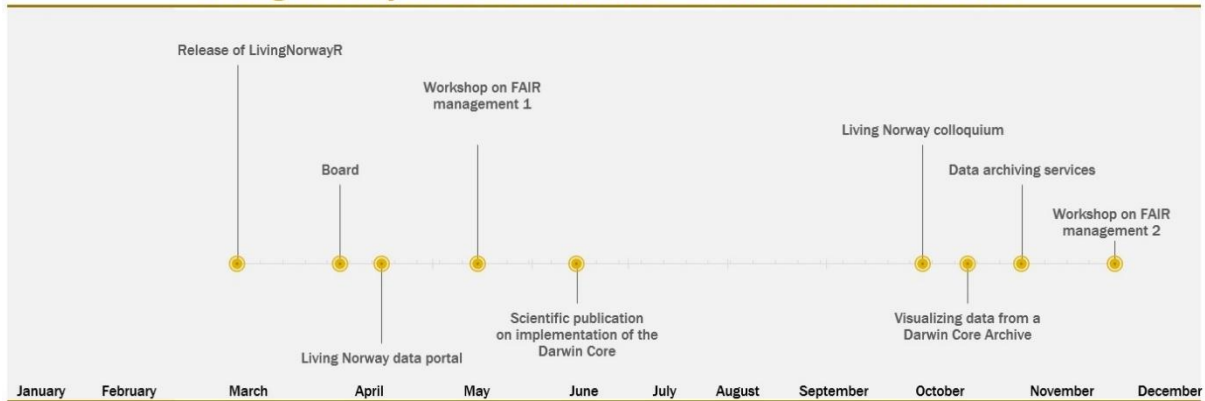
Key activities and deliverables in 2021:

- Education and training workshop at the Living Norway Seminar 2021

- Workshop on FAIR management and ethical publication and use of open data from ecology and monitoring.
 - Arranged together with GBIF and NINA-Miljødata
 - Including guidance in publishing participants data sets
 - Potentially new workshop fall 2021 – if external funding and interest is in place

Overview – Living Norway timelines

Living Norway narrative timeline - Main deliverables 2021



Living Norway narrative timeline - Main deliverables

