

DATA4ACTION ⁱⁿ Norrbotten and Västerbotten region, Northern Sweden, SE

Data Sharing: Key Issues & Local Needs

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Introduction

The main objective of the Data4Action project is to improve the access of local authorities to sustainable energy data. Energy agencies from eight different European regions participate in this project, which is funded by the Intelligent Energy Europe Programme. This document summarizes the situation and objectives of Data4Action in Norrbotten and Västerbotten region, Northern Sweden.



Objectives

The main target for Norrbotten and Västerbotten region within Data4Action is to improve and further develop the Energy Loupe tool. Nenet, Norrbotten Energy Agency will become the one-stop-shop data center for all potential users in the region.

Sharing information on sustainable energy in Norrbotten and Västerbotten region, Northern Sweden.

In Northern Sweden an energy and GHG observatory tool, the “Energy Loupe” is already existing. This free online tool for the counties Norrbotten and Västerbotten with their 29 municipalities, provides local and regional authorities as well as energy experts with reliable local and regional energy data. It covers final energy use and direct CO2 emissions for all relevant sectors. The observatory is coordinated by the regional energy agency, Nenet. In 2014 Norrbotten County Council became the first regional CoM coordinator and Nenet is the operative structure to support local authorities in developing and implementing SEAPs. This includes the work to support local authorities when elaborating BEIs and MEIs. 7 out of 14 municipalities in Norrbotten are CoM signatories 4 of these have submitted their SEAP. In Västerbotten 3 of 15 municipalities are CoM signatories. All 3 have submitted their SEAP.

Sources of information at local level

Energy	Sector	Information source	Quality
All energies	Areal sector, Industry, Public, Transport, Service, Household	SCB (the national public Swedish statistics agency). Energy use data per county/region and municipality. Gives an overview of electricity and district heating production plus a picture of the final energy consumption in the Swedish counties and municipalities. Data is available per sector and per energy source.	Medium
Emission	All sectors	The "RUS" data base: National database of air emissions, including GHG. Emission statistics presented in the database is available on the county and municipal levels. The database is based on Sweden's official emissions statistics, reported inter alia to the UNFCCC and Air Pollution Convention	Medium
All energies	All sectors	Cooperation with local and regional energy companies/providers	High
All energies	Industries	Cooperation with local and regional companies to fill in gaps due to confidentiality	High
All energies	Public sector	The National program on energy efficiency on local and regional levels. 98% of all Swedish municipalities were participating in this program. Municipalities that participated in the national energy efficiency program had to accept a number of rules including an advanced reporting system. This leads to the result that detailed energy use data for the public sector is available for almost all Swedish local and regional authorities.	High
District heating	All sectors	Most of the district heating plants and grids are locally owned, often public owned. This makes reliable local data relatively easy to access. In addition the umbrella organization for Swedish district heating companies is offering detailed statistics for all district heating plants and grids in Sweden	High

Main problems to overcome

Additional work is needed to extend the technical capacities of the observatory and to establish additional partnership agreements with data providers. Technical assistance to municipalities is also needed for data collection for SEAP monitoring activities. Working closer with the municipalities and inform and educate about "the Energy loupe" is part of the solution of above mentioned problems.

Contact

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