



## **ICOS Sweden - a national infrastructure network for greenhouse gas research**

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ICOS Sweden operates a measurement network consisting of seven field stations representing major Swedish ecosystems (forests, wetlands, crop sites and marine) and climatic conditions. Three sites also host atmospheric measurements in high towers. In addition to ICOS activities, the stations are open to all researchers wishing to perform complementary studies. The ICOS Sweden ecosystem and atmospheric stations are all equipped according to the ICOS “class 1” criteria, and will be fully operational in beginning of 2015. All ICOS Sweden field stations are equipped with mains power, internet, computers and staff meaning that many other projects, both long-term and short-term, can be linked to them – for example, in the fields of meteorology, hydrology, biodiversity, land and soil studies etc. ICOS Sweden is comprised of the following stations; Abisko-Stordalen (subarctic mire), Degerö (boreal mire), Svartberget (boreal pine/spruce forest + atmospheric observations), Norunda (hemi boreal pine/spruce forest + atmospheric observations), Lanna (cropland), Östergarnsholm (marine) and Hyltemossa (southern boreal spruce + atmospheric observations).