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Role of Statistics Norway in estimating and disseminating information on greenhouse gas emissions, emphasizing the importance of national statistics as model input.

A variety of institutional arrangements exists in countries compiling greenhouse gas inventories. This presentation describes the role of Statistics Norway in estimating and disseminating information on greenhouse gas emissions, emphasizing the importance of national statistics as model input.

In Norway, three core institutes collaborate closely, producing data on greenhouse emissions as reported to UNFCCC. Statistics Norway is responsible for compiling the greenhouse gas inventory and estimating emissions for all sources except land use and land use change and forestry (LULUCF), which are estimated by the Norwegian Forest and Landscape Institute. The Norwegian Pollution Control is appointed as the National Entity in Norway with overall responsibility for reporting to UNFCCC. National statistics like energy accounts and petroleum statistics are highly important in the emission inventory, as combustion of fossil fuels comprises about 70 per cent of the Norwegian emissions. Numerous other statistics provide input to less significant emission sources, but are nevertheless essential for the completeness of the inventory. The emission inventory compilers are benefiting from the long-term focus on statistical principles in Statistics Norway, and on being in the same institution as the compilers of input statistics as it greatly facilitates the flux of data and expertise.