

User Interface 2000

– New standard for the new cadastral index map of Sweden

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ABSTRACT

The User Interface 2000 (UI 2000) is developed in a project and composed as a concept for interchange of geographical information between first of all Lantmäteriet (National Land Survey) and the municipalities.

The new National Cadastral Index Map (NDRK) is built up and maintained in close co-operation between Lantmäteriet and the municipalities. It will be complete before the end of the year 2003. The key tool in this process is UI 2000. There are already interesting experiences from this process. There are also hopes and plans for further use of UI 2000 in other fields.

UI 2000 is neither a format nor a program but a series of technical principles that can be used with different programs and computer systems. The interface is made up of information models, a specified transfer file format and an application for data transfer. These three components are independent of each other and each can be exchanged or individually further developed.

UI 2000 was presented during the spring 2000 and Lantmäteriet in consultation with the Swedish Association of local Authorities decided to introduce the interface as soon as possible in the upbuilding and maintenance of NDRK. The start of this is a pilot project in the city of Västerås where UI 2000 is further tested and introduced.

The use of UI 2000 within the NDRK-concept is the first big test of its capacity as an effective interface for exchange of geographic information in Sweden. If it is a success there are plans to get it accepted as a national Swedish standard by the standardisation authority.

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