

The NATURA 2000 Information System for Slovenia

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The LIFE project enabled us to build an advanced Information System Natura 2000 for nature conservancy related data



Natura 2000 sites in Slovenia

The LIFE* project »Natura 2000 in Slovenia – management models and information system«, whose beneficiary is the Institute of the Republic of Slovenia for Nature Conservation, is dedicated to a systematic solving of the questions associated with effective and sustainable management of Natura 2000 sites in Slovenia. Within the project's framework, five pilot Natura sites have been selected where various activities are carried out in order to solve various nature-conservancy issues.

Five Natura 2000 pilot sites



Pulsatilla Grandis in Boletina

Natura 2000 is a European network of ecologically significant areas of nature, as specified on the basis of the EU's Bird and Habitat Directives. Together, the two directives present an international legal basis and a professional framework of European nature conservation policy.



Snežnik plateau

Jovsi landscape

One of the project actions is to build Information System Natura 2000. IS N2k will allow easy data maintenance and store all national nature conservation related data in one common database.

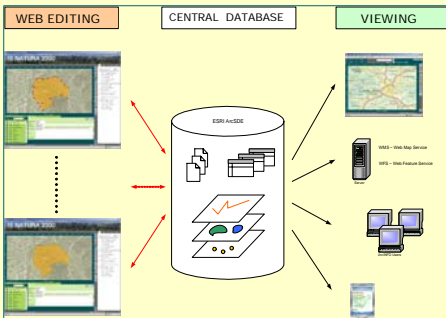
* LIFE III Nature is a financial instrument of the European Union, which supports the nature-conservancy endeavours to conserve the significant European species and habitat types in the Natura 2000 network.

Natura 2000 Information System (IS N2k)

Principles & Goals

- All-in-one-place data warehouse
- Collecting, maintaining, analysing data
- Online Internet stored editing,
- Online mapping
- Quality data
- Standardised metadata description
- Archiving and history tracking
- "On the fly" querying
- User friendly

Concept



Technical characteristics

- Oracle Spatial Enterprise Database 10g
- Application server IAS 10g
- ArcSDE 9.1 server for editing graphic data based on Linux RedHat Advanced Server platform
- Graphic User Interface named Nukleus (© LUZ d.d.) - improves the efficiency of ArcIMS

Structure

