

PROJECT INFORMATION

As at end of project September 2005

Model concept for decentralised wastewater management for Croatian islands



Mali Drvenik and Veli Drvenik off the Croatian coast.
Source: www.adriatic-pears.com

Background

The use of the Croatian Adriatic coast and the numerous coastal islands for tourism is hampered by underdeveloped wastewater infrastructure. Wastewater is usually discharged into the sea without any prior treatment. The planning of wastewater treatment plants for this touristic region is also hampered by large seasonal variations in population numbers. One solution to the wastewater problem is the deployment of small, decentralised, easy-to-maintain wastewater treatment plants.

Project

The aim of the project was the complete planning of a wastewater management system to serve as a model for Croatian holiday islands. The outcome was to become a component of the master plan and the regional plans for water and wastewater.

Two islands off the Dalmatian coast were selected as examples: Mali Drvenik und Veli Drvenik, both of which are administered by the

town of Trogir. Both islands do not have a public water supply network or a public wastewater management system. The wastewater generated is mostly collected individually in domestic pits and seeps into the underlying soil in an uncontrolled manner.

In this advising-assistance project, the volume and nature of the wastewater were determined, a basic design of the wastewater systems and treatment plants was developed, and models for wastewater charges, investment financing and operation of the plants were prepared. The results of the project were presented in October 2004 at a workshop in Trogir/Croatia.

The workshop targeted engineers' offices and authorities that are currently, or will in future be involved in the preparation of the master plan or the regional plans for water and wastewater for the Republic of Croatia. The workshop also aimed to establish contacts between German and Croatian authorities and companies.

- Programme: Advising-assistance programme of the German Environment Ministry
- Region: Croatia
- Project number: FKZ 380 01 085
- Duration: 09/2004 – 08/2005
- Project management: German Federal Environment Agency (Umweltbundesamt, UBA)
- Project partner in Germany: EnviaTec GmbH; www.enviatec.de
- Local project partner: Strojar trgovina d.o.o.

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