



Cost-efficient Protection of the Gulf of Finland

Time: 30 September 2014

Place: Lahti, Finland, Sibelius Hall

The seminar entitled "Cost-efficient protection of the Gulf of Finland" was organized as part of the Gulf of Finland Year 2014. The first part of the seminar dealt with cost-efficient methods to protect the Gulf of Finland (GoF), and the second part focused on new methods of monitoring.

During the first part of the seminar, Punttila held a presentation about the results of the cost-benefit study that she was currently finalizing (pictures above). The presentation was entitled "Cost-benefit analysis - a tool for finding cost-effective local water protection actions" and included an overview of the cost-benefit method; the case studies including a technical investment made in the municipal waste water treatment plant in Liepaja; centralizing waste water treatment in the Pori region; waste water reception from ships without a special fee at the harbor in Helsinki; constructed storm water wetlands in a residential area in Lahti; and buffer zones at fields owned by the city in Turku.



Other speakers, to mention just a few, included Ms. **Susanna Hietanen** from the University of Helsinki who spoke about "Nutrient processes in the Gulf of Finland"; Mr. **Dmitry Frank-Kamenetsky** from HELCOM whose topic was "Decrease of emissions according to the Baltic Sea Action Plan" and Mr. **Markku Ollikainen** from the University of Helsinki who spoke about the theme "Economic approach to cost-efficient protection of the Gulf of Finland". Welcoming words were held by for example Mr. **Felix Karmazinov** from Vodokanal, St. Petersburg.

The seminar was concluded by a panel discussion where e.g. Mr. **Kari Hyytiäinen**, University of Helsinki; Ms. **Marjukka Porvari**, John Nurminen Foundation; Mr. **Dmitry Troshenko**, SUE Vodokanal of St. Petersburg; and Ms. **Reet Ulm**, Ministry of Environment of Estonia, participated. The discussion was entitled "The Gulf of Finland: modern monitoring techniques, efficient protection tools and cost-effective reduction of nutrient emissions today and tomorrow". The half-day seminar was followed by a lunch cruise at lake Vesijärvi. The seminar had simultaneous interpretation to English and Russian.

The seminar was organized as part of the Gulf of Finland Year 2014. CITYWATER was represented at the seminar by the project experts **Eliisa Punttila** and **Tina Nyfors**. Also, the Baltic Sea Challenge (BSC) coordinator **Lotta Ruokanen** participated in the event. Nyfors participated in the seminar in order to network and promote the BSC network.



Among the speakers were Ms. Susanna Hietanen, Mr. Dmitry Frank-Kamenetsky, Mr. Markku Ollikainen and Mr. Felix Karmazinov. The seminar was concluded by a panel discussion with (from the left): Mr. Juha Keto, Ms. Marjukka Porvari, Mr. Matti Vanhanen, Mr. Dmitry Troshenko, Ms. Reet Ulm and Mr. Kari Hyytiäinen discussed. Moderator was Mr. Juha Flinkman.

Text: Tina Nyfors and Eliisa Punttila

Photos: Tina Nyfors