



## **Estonian National Monitoring Network for Environmental Monitoring**

Verification under the terms of Article 35 of the Euratom Treaty

### **Report on Follow-up Measures**

19 December 2012

#### **Implementation of clause 1.3 from Article 35 Main Findings Report EE-10/04**

Responsibility for long-term radiological surveillance at Sillamäe site lies on the Ministry of Environment. Radiological surveillance has been financed from Environmental Programme of Environmental Investment Centre. Henceforth the financing scheme will be the same but also financing from state budget is not excluded in the future. Monitoring works are performed by AS Ökosil.

Implementation Plan for 2012-2015 of the National Development Plan for Radiation Protection for 2008-2017 stipulates the budget of total 290,000 EUR for years 2012-2015 for monitoring of Sillamäe site.

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#### **Implementation of clauses 2.3 and 2.4 from Article 35 Main Findings Report EE-10/04**

Under the co-operation programme „Enhancing Public Environmental Monitoring Capacities” between the Republic of Estonia and Swiss Confederation (the programme agreement was signed 24.11.2011 between the Ministry of Environment, Ministry of Finance and Swiss Confederation) the Environmental Board is carrying out the project „Upgrading of Radiation Monitoring in Estonia“ (implementation agreement of the project signed 29.05.2012). Environmental Board's purpose is to acquire at least 15 spectrometric monitoring stations. Respective procurement documents are composed and these will be published in the beginning of 2013. Project will end and new stations will be at work by the end of 2013.

The main purpose of the project is to upgrade the existing radiation monitoring system in Estonia, replacing old and unreliable monitoring stations and the central data collection unit with modern reliable components and communication system. The system fulfils two major tasks: to survey radioactivity levels in different locations all over the country for the estimation of radiation loads for population and to ensure reliable and timely warning information in the case of a transboundary radiological emergency, which could affect the country and its population.

#### **Implementation of clause 2.5 from Article 35 Main Findings Report EE-10/04**

Under the Estonian-Swiss co-operation project „Upgrading of Radiation Monitoring in Estonia” a new air filter station for Harku site is also acquired to replace the old one. Until this time the Environmental Board regularly orders the airflow measurements from private company.

#### **Implementation of clause 3.3 from Article 35 Main Findings Report EE-10/04**

Environmental Board has acquired a new gamma-spectrometer and has expanded accreditation to include all gamma-spectrometers. The work towards enhancing quality of other analysis methods is ongoing.

#### **Implementation of clause 3.4 from Article 35 Main Findings Report EE-10/04**

In 2011 it was made certain that the broken detector of mobile laboratory is not repairable.

With the support of European Regional Development Fund the project “Mobile Laboratory for Environmental Radiation Monitoring” has been started. The project will end in the end of 2013. Tenders submission deadline was 13.12.2012. One offer is received. At the moment the evaluation of tender is in process.

#### **Implementation of clause 4.3 from Article 35 Main Findings Report EE-10/04**

There has not been significant increase in total activity of radioactive substances used in the North Estonian Medical Centre.