

Energy monitoring

Energy monitoring in all major public buildings

Date MARC 2011



REMINING-Lowex is a project of the CONCERTO initiative
co-funded by the European Commission within the
Sixth Framework Programme

Report Title **Energy monitoring**

Report **Energy monitoring in all major public buildings**

Workpackage **M2.2.5 Energy monitoring**

Date **Marc 2011**

Subcontractor: **BAHČ d.o.o.**
 Polzela 205 a
 3313 POLZELA
 Slovenia

Contact: **Damjan Bahč (041758285)**

Author: **Damjan Bahč**



Summery

The period of implementation of energy accounting in 24 public buildings took place in 2010-2011.

Before we have started with regular monthly data collected we had collected data on energy consumption (heating, electricity and water consumption) for the period 2008-2010. Data had been collected from copying monthly bills about different types of energy providers.

INFORMATION ON THE ANNUAL ENERGY CONSUMPTION

Total	Electricity			heat				water	
	period	HT	LT	(€)	oil(l)	gas (m3)	Biomass (kWh)	(€)	(m3)
Year 2008	541.977	254.496	135.638	128.170	226.443	708	280.209	12.425	33.693
Year 2009	550.193	240.985	153.649	96.958	199.323	630	238.332	13.090	36.014
Year 2010	613.750	309.557	135.436	120.774	218.696	739	276.127	14.712	37.195

HT - High tariffs

LT - low tariff

Table 1: Summary of Annual Report.

We have integrated a dynamic component of energy accounting in all public buildings Since January 2011.



Persons responsible for collecting data have to monthly send data about energy consumption to the control center through software applications.



Fig.1: First page application for entry of data on energy consumption

The control center is now being collected monthly data on energy consumption. This allows us to find any defects more quickly than before then the system had not been placed.

The scope of energy accounting will be gradually reduced with the inclusion of collecting data about energy consumption through telemetry.

All collected and analyzed data recorded in the CD which is in attachment of this document.



REMINING-Lowex is a project of the CONCERTO initiative co-funded by the European Commission within the Sixth Framework Programme