

CASE STUDY

Project “Creation of E-ticket in Public Transport and Development of Information System for Passengers”

Kaunas City Municipality in the year 2002 prepared the e-Municipality Concept, but it wasn't approved by the City Council. This year will be prepared the new concept “e-Municipality in Kaunas City” (together with implementation program).

Despite the fact, that Kaunas Municipality hasn't got approved Plan for e-Administration, we have several interesting projects in this field: below described project “Creation of E-ticket in Public Transport and Development of Information System for Passengers”, currently prepared project “E-Services in Social Security” and “Challenge of eCitizen – Promoting eGovernment Actions in European Cities” (Interreg III C North program, Lead partner – City of Tampere).

Project plan

1. Background information

a. **Project location:** Municipalities of the three biggest cities of Lithuania – Vilnius, Kaunas and Klaipeda.

b. **Launch date, start date of the operational phase:** With this project municipalities of 3 cities – Vilnius, Kaunas and Klaipeda – applied for financial assistance from European Union Structural Funds. There was the 1st Call for applications in the field of IT (Priority 3 “Development of Productive Sector”, Measure 3.3 “Development of Information Technology Services an Infrastructure”, field “E-government and e-services”, area of activities “Public e-services” according to The Single Programming Document of Lithuania for 2004-2006). The deadline for the applications was 15.September 2004. Now the process of evaluation is in progress. Latest in March we should receive the answer. If the Intermediate Body – The Information Society Development Committee under the Government – will decide to finance the project, it will be implemented in two years starting from the conclusion of the assistance contract. Hence, the start date could be in April-May 2005. In the period of the project required equipment will be bought and delivered (4 months), mounted (6 months) and matched (6 months), a net installed. All procedures will meet public procurement requirements.

Current status of the project: the feasibility study, investment project and technical documentation (for three cities-project partners) were prepared and submitted together with the application forms.

c. **Project field:** The implementation of e-services in public transport.

2. **Entity responsible for implementation (name)** – Kaunas City Municipality Administration (project manager – Mr. Vygintas Grinis, Head of Division of Development Programme Management), together with project partners – Administration of Vilnius City Municipality and Administration of Klaipeda City Municipality.

3. Description of content and services

a. Major objectives:

- To create and to implement E-ticket System in Public Transport
- To develop an Information System for Passengers (Both systems ought to be united for all cities – project participants)

- To optimize the city public transport system (lines, management and control)
 - To make public transport more attractive and to increase the number of passengers (by 3 %)
 - To minimize operating costs and subsidies in public transport (accordingly by 10% and 1%) and environmental pollution.
- b. **Policy and Regulatory Framework:** 31. December 2002 Lithuanian Government approved the e-Government Concept, which set out the main principles of e-Government in Lithuania. Kaunas City Municipality in the year 2002 prepared the e-Municipality Concept, but it wasn't approved by the City Council. This year will be prepared a new Concept "e-Municipality in Kaunas City" (together with an implementation program). The Single Programming Document of Lithuania for 2004-2006 sets out the principles of EU Structural funds financial assistance (Measure 3.3 "Development of Information Technology Services an Infrastructure"). According to the Law on Local Self-Government, one of the functions of municipality is the organization of public transport system.
- c. **Services provided:** e-services in public transport
- d. **Partners if appropriate:** Administration of Vilnius City Municipality and Administration of Klaipeda City Municipality.
- e. **Assessment of performance** (following indicators will be used):
- System of e-ticket in public transport and Information system for passengers created and implemented;
 - Increased number of passengers (by 3 %);
 - Minimized operating costs and subsidies in public transport (accordingly by 10% and 1%).
- f. **Funding and Financing:** Total budget of the project is 19,7 million Litass, prospective financial assistance from EU Structural Funds - 14 million Litass (5,7 and 4 million EURO) and 1,7 million EURO – national co-financing, namely municipal finances.

4. Technical solutions:

Main elements of e-tickets infrastructure are: double standard electronic ticket card, e-tickets booking, purchase and complement system, e-tickets marking and control system, information system of e-tickets service system on Internet.

Electronic information system for passengers would allow having information about vehicle location at any moment. This information could be received by mobile phone, checked on Internet and scoreboards on bus stops.

Main elements of vehicle movement and control system are: GPRS modems, vehicle on-board computers, GPS modules.

5. **Complete coordinates of the implementing entity (name, address, phone, fax and e-mail of the drafter):** Ms. Ausrine Ciurinskiene, Senior Specialist, Division of Development Programme Management, Kaunas City Municipality Administration, Laisves av. 96, Kaunas, Lithuania, phone +370 37 423 965, fax +370 37 425 452, e-mail: ausrinec@kaunas.sav.lt.

