



PROGRAMUL DE COOPERARE ELVEȚIANO-ROMÂN  
SWISS-ROMANIAN COOPERATION PROGRAMME

Updated Information

October 2017

### Project

#### **“Modern and efficient public lighting management in Suceava Municipality” financed within**

#### **Objective 1 of the Thematic Focus Area 4 – “Improvement of the Environment” included in the Swiss-Romanian Cooperation Programme to reduce economic and social disparities within the enlarged European Union**

On April 2<sup>nd</sup> 2015, Suceava Municipality and The Ministry of Public Finance, as the National Coordination Unit, signed the Implementation Agreement no. PCER/A4/RO-CH 04 concerning the grant for the project “Modern and Efficient Public Lighting Management in Suceava Municipality” within Objective 1 of the Thematic Focus Area 4 – “Improvement of the Environment” included in the Swiss-Romanian Cooperation Programme to reduce economic and social disparities within the enlarged European Union.

**General objective** : modernization of the public lighting infrastructure in Suceava Municipality, in view of reducing CO2 emissions and increasing the quality of life.

**Specific objective** : modernization of public lighting on the entire area of Suceava Municipality, except the main artery, in view of saving energy as a response to the policy of climatic changes, as well as for increasing citizens’ safety and comfort.

The project aims at improving the municipal lighting standards through the introduction of new, high-performance lighting units with LED technology as well as the monitoring of their operation by means of a state of the art telemanagement system the project will improve aspects related to: energetic efficiency of the lighting system, environment protection, luminous-technical performance and road and pedestrian traffic at the level of the municipality.

The duration of the project is 51 months, according to Addendum no. 4 to the Implementation Agreement no. PCER/A4/RO-CH 04.

Within this project, replacement of existing luminaires (which are aged, damaged in part and with a low operating efficiency) is being considered :

Thus, the following works will be executed:

- disassembly of existing lighting units and their handover to the beneficiary - 3843 pieces;
- dismantling of metallic supports for supporting existing luminaires and their handover to the beneficiary;
- adapting new lighting fixtures to the existing pillars (crutches, bracelets, metallic clothing, etc.);
- lighting units with LED technology - 3843 units;
- replacement / mounting of connection boxes on the pillars - 3741 pcs;
- replacing / mounting the cable from the connection box to the luminaire;
- acquisition and installation of telemanagement equipment;
- commissioning lighting and telemanagement system

**Stage of the project - October 2017 :**

- Replaced lighting units: 3167

**Additional activities (as a result of the economies within the project) :**

On May 31, 2017, the letter of acceptance was received from the Ministry of Public Finance to finance additional activities under the project for:

Replacement of luminaires with LED or equivalent (with low electricity consumption and minimum working life of 4 years) for educational establishments (schools, colleges), buildings owned by Suceava Municipality, in administration of educational units.

Thus, in the following educational units, the classical lighting units will be replaced with LED lighting units :

1. Technical College Al.I. Cuza
2. Art College Ciprian Porumbescu
3. Technical College of Food Industry
4. Technical College Samuil Isopescu
5. National College Stefan cel Mare
6. National College of Computer Science Spiru Haret
7. National College Mihai Eminescu
8. National College Petru Rares
9. Technical College Petru Musat
10. School Health– Building A
11. School Health – Building B
12. Economics College Dimitrie Cantemir
13. Secondary School classes I-VIII no. 1
14. Secondary School classes I-VIII no 3
15. Secondary School classes I-VIII no 4
16. Secondary School classes I-VIII no 5
17. Secondary School classes I-VIII no 6
18. Secondary School classes I-VIII no 7
19. Secondary School classes I-VIII no 8
20. Secondary School classes I-VIII no 9
21. Secondary School classes I-VIII no 10
22. Secondary School classes I-VIII no 11

A total number of 9221 LED lighting units will be mounted.

Therefore, the annual power economy is estimated at 199.716 Kwh, the total quantity of CO2 yearly reduced to 140 t, representing 35,87% reduction of emissions CO2/year, towards the existing situation, and the estimated economy afferent to the power consumption 109.524,98 RON/year, VAT excluded.

Economies resulted from the project : 10.228.895 RON

Value for the additional activity ( replacing lighting units in schools and colleges) : 10.896.159 RON

SECO contribution (81,83%) : 8.370.305 RON

Suceava Municipality contribution (18,17%) : 1.858.590 RON

Non-eligible expenses : 667.264 RON

The works are estimated to start in the first half of 2018.

The total value of the project is 6.731.149 CHF (28.349.580,24 RON). Out of this total value, 5.238.108 CHF (22.061.339,46 RON) represent the Swiss contribution, and 1.439.041 CHF (6.288.240,78 RON) represent the Beneficiary's contribution to eligible and non-eligible costs.

For more information about the implementation of the project, please contact Mr. Dan Dura, project manager, phone number 0230 212696 interior 117, fax 520 593 0230, e-mail: [dandura@primariasv.ro](mailto:dandura@primariasv.ro)

**“PROJECT CO-FINANCED BY A GRANT FROM SWITZERLAND THROUGH THE SWISS CONTRIBUTION TO THE ENLARGED EUROPEAN UNION”**

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