

# Hybrid lighting in the Jaroslaw commune

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**Organisation:** Gmina Jarosław / Jarosław commune

**Country:** Poland

**Level of government:** Local government

**Sector:** General public services

**Type:** Financial Resources, Public Service

**Launched in:** 2010

**Overall development time:** 18 month(s)

**Link to the innovation's website**

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# Description

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Within the framework of the project 313 hybrid lamps absorbing energy from renewables (sunlight and wind) have been constructed on the territory of Jarosław commune. Hybrid lamps were built along the communal roads in the places lacking traditional electricity supply network. A single hybrid lamp is an independently functioning light source using renewables instead of receiving electricity from the grid. Its major advantage over conventional lighting is a possibility of its installation at any place as it does not require connection to the grid, hence there is also no need for cable trenches and placement.

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## Why the innovation was developed

- Hybrid lamps were built along the communal roads in the places lacking traditional electricity supply network.
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## Objectives

Improve service quality, Improve user satisfaction

- The modernisation of the street lighting in the Jarosław commune - lighting powered by renewable energy.
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## Main beneficiaries

General population, Young people

- The innovative investment has been implemented along the communal roads of 12 villages of Jarosław commune
  - There are 13 000 inhabitants living on this territory and benefiting from the use of hybrid lighting
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## Existing similar practices

### Hybrid lighting in the Trzebowńsko commune

In public administration of my country

Commune of Trzebowńsko

The official name of the public procurement procedure was: Solar light and wind power - hybrid lighting in the Trzebowńsko commune. In the neighbouring commune of Trzebowńsko, however the scale of the investment was much smaller (91 hybrid lamps).

<http://www.wspolnotamieszkaniowa.pl/audyt/aktualnosci/ekologiczne-oswietlenie-drog-w-gminie-trzebownsko/1096.html>

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# Results

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**Results not available yet**

# Development

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## Design

Collaborative design involving the commune Mayor, policy planning staff and consulting with users

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## Testing

- There was no need for testing as the final product has been tested by earlier users in earlier projects
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## Implementation

### Resources used:

- The cost of the investment: 9 268 552 PLN
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## Diffusion

- Presentations during conferences and workshops.
  - Newspaper and journal articles.
  - The Public Procurement Office is using the case as a good practice.
  - Also we are promoting innovation directly for public services and products offered by public administrations engaged in public procurement agreements with our Ministry
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## Challenges and solutions

- We've discovered that subsidies don't force the success to justify the costs and, on the other hand, if the innovation is obtained, the heavy process of getting the first client begins.

# Lessons Learned

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## Lessons Learned

- Public Procedure of Innovation is the best way of spending public money and helping innovations to reach the market.
  - If there is an interest coming from other communes or interested entities the staff of the commune office is sharing own experience linked to the project. In such cases phone consultations have been provided. Contact us directly for more information.
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## Other information

Investment schedule:

- 5 February 2010 - a request for co-financing from the European Fund for Regional Development was submitted in the framework of the Regional Operational Program for Podkarpackie Voivodeship 2007-2013 (component: Technical infrastructure, sub-component: Energy infrastructure);
- 1 June 2010 - signing a contract for the elaboration of the design documentation and investor's cost calculation;
- 13 October 2010 - signing a contract for co-financing;
- 10 January 2011 - signing a contract for the realisation of the investment;
- 01.08.2011 - the end of the realisation: final acceptance of works and its opening for use.