

DELIVERABLE T2.2.4

D.T2.2.4 – Final development of 3D EMS – annex 5

11/2019





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A.T2.2 Development of an advance 3D Energy Management System (3DEMS)

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Results of 3DEMS module in the PA5 – Plonsk, Poland

OnePlace  The Online Energy Platform

Pilots and cities: PA5 - Plonsk, Poland



Plonsk

- Building type: **public building**
- Building type: **Educational**
- Electricity consumption [kWh/year]: **26.667**
- Energy audit: **2018**
- Energy consumption (heating) [GJ/year]: **229.996**
- Energy efficiency measures already implemented in the building: **Thermomodernization of external walls and plinth walls - insulated with a layer of polystyrene with a thickness of 10 cm**
- Energy source type (heat): **gas boiler**
- Estimation of the amount of heating losses in the building: **0.150616**
- Heights [m]: **12**
- Official name: **Primary School No. 1 in Plonsk**
- Recommended energy efficiency measures for the building: **Modernization of lighting for energy-efficient**
- Technology used to harvest a renewable energy source: **None**
- The specific CO2 emissions: **46.45**
- The total CO2 emissions: **68.1**
- Typology (number of floors): **4**
- Extended attributes (1)

OnePlace  The Online Energy Platform

Pilots and cities: PA5 - Plonsk, Poland



Plonsk

- Building type: **residential building (unmapped)**
- Heights [m]: **16.85**
- Steps: **Orange, Red**

10 + Clear Apply



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Solar maps PAs - Plonsk, Poland



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Plots and cities PAs - Plonsk, Poland

Plonsk

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