

DELIVERABLE T2.2.4

D.T2.2.4 – Final development of 3D EMS – annex 8

11/2019





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

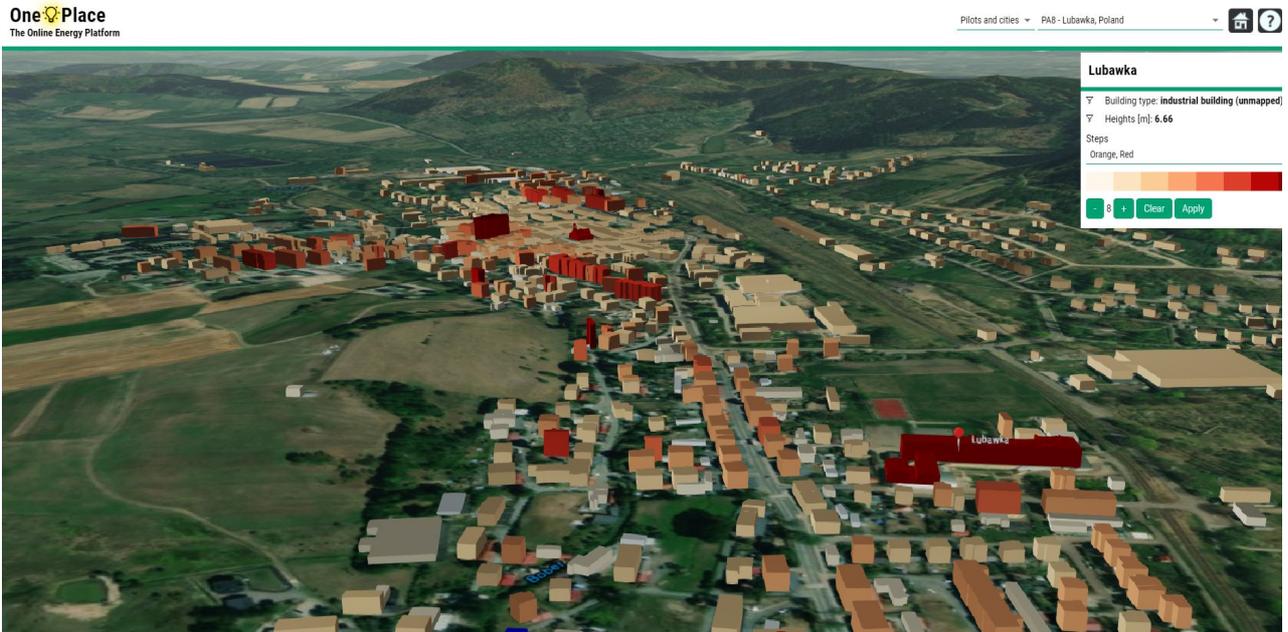
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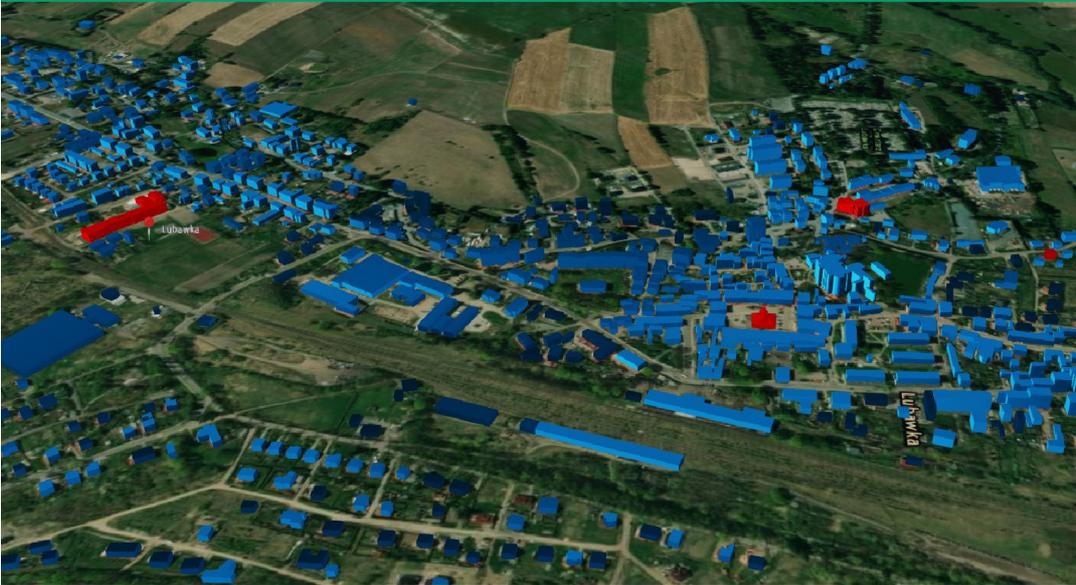
Date: November 2019

Authors		
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Contributing participants	All consortium	



Results of 3DEMS module in the PA – cross-border area, Poland/Czech Republic



Lubawka

Building type: **Government**

Electricity consumption [kWh/year]: **58200**

Energy audit: **YES**

Energy consumption (heating) [GJ/year]: **165**

Energy efficiency measures already implemented in the building: **not applicable**

Energy source type (heat): **Natural gas**

Estimation of the amount of heating losses in the building: **no data**

Heights [m]: **16.100006**

Official name: **Town hall in Lubawka**

Recommended energy efficiency measures for the building: **no data**

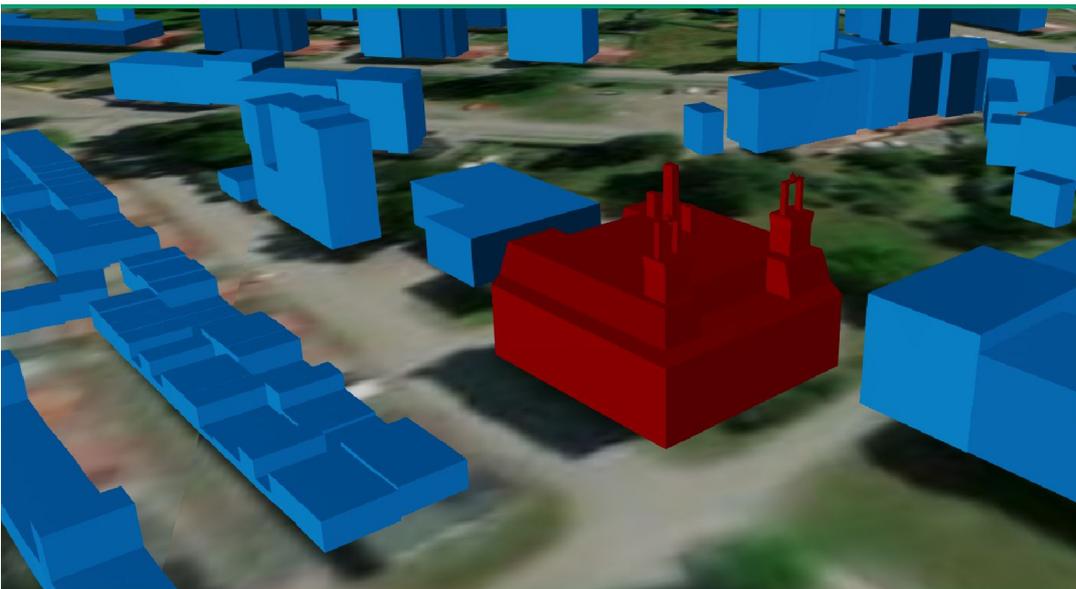
Technology used to harvest a renewable energy source: **not applicable**

The specific CO2 emissions: **no data**

The total CO2 emissions: **no data**

Typology (number of floors): **3**

Extended attributes (1)

Zacléř

Building Type: **yes**

Building type: **Educational**

Electricity consumption [kWh/year]: **6700**

Energy audit: **YES**

Energy consumption (heating) [GJ/year]: **737.01**

Energy efficiency measures already implemented in the building: **not applicable**

Energy source type (heat): **Natural gas**

Estimation of the amount of heating losses in the building: **97.87**

Height [m]: **15.08**

Official name: **Elementary Art School in Zacléř**

Recommended energy efficiency measures for the building: **no data**

Technology used to harvest a renewable energy source: **not applicable**

The specific CO2 emissions: **no data**

The total CO2 emissions: **54.34**

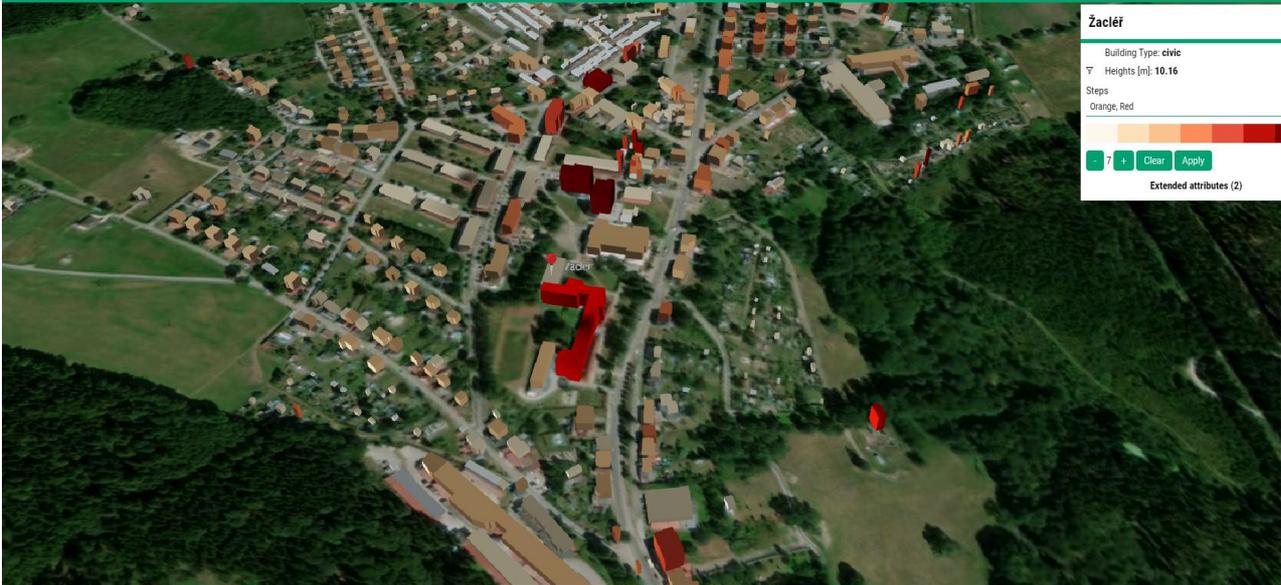
Typology (number of floors): **2**

Extended attributes (1)



OnePlace
 The Online Energy Platform

Pilots and cities ▾ PA8 - Zacléf, Czech Republic  



Zacléf

Building Type: **civic**

Heights [m]: **10.16**

Steps
 Orange, Red



7 + Clear Apply

Extended attributes (2)

OnePlace
 The Online Energy Platform

Pilots and cities ▾ PA8 - Zacléf, Czech Republic  



Zacler

Building Type: **yes**

Building type: **Educational**

Electricity consumption [kWh/year]: **46389.21**

Energy audit: **YES**

Energy consumption (heating) [GJ/year]: **324**

Energy efficiency measures already implemented in the building: **not applicable**

Energy source type (heat): **Natural gas**

Estimation of the amount of heating losses in the building: **no data**

Height [m]: **17.86**

Official name: **Primary school in Mesto Zacler**

Recommended energy efficiency measures for the building: **no data**

Technology used to harvest a renewable energy source: **not applicable**

The specific CO2 emissions: **no data**

The total CO2 emissions: **no data**

Typology (number of floors): **4**

Extended attributes (1)