



Federal Ministry
for Economic Affairs
and Energy



MITTELSTAND
GLOBAL
ENERGY SOLUTIONS
MADE IN GERMANY

ENERGY EFFICIENCY IN BUILDINGS OF UKRAINIAN CITIES AS EXEMPLIFIED BY THE CITY OF ZHYTOMYR

Serhiy Sukhomlyn

City Mayor

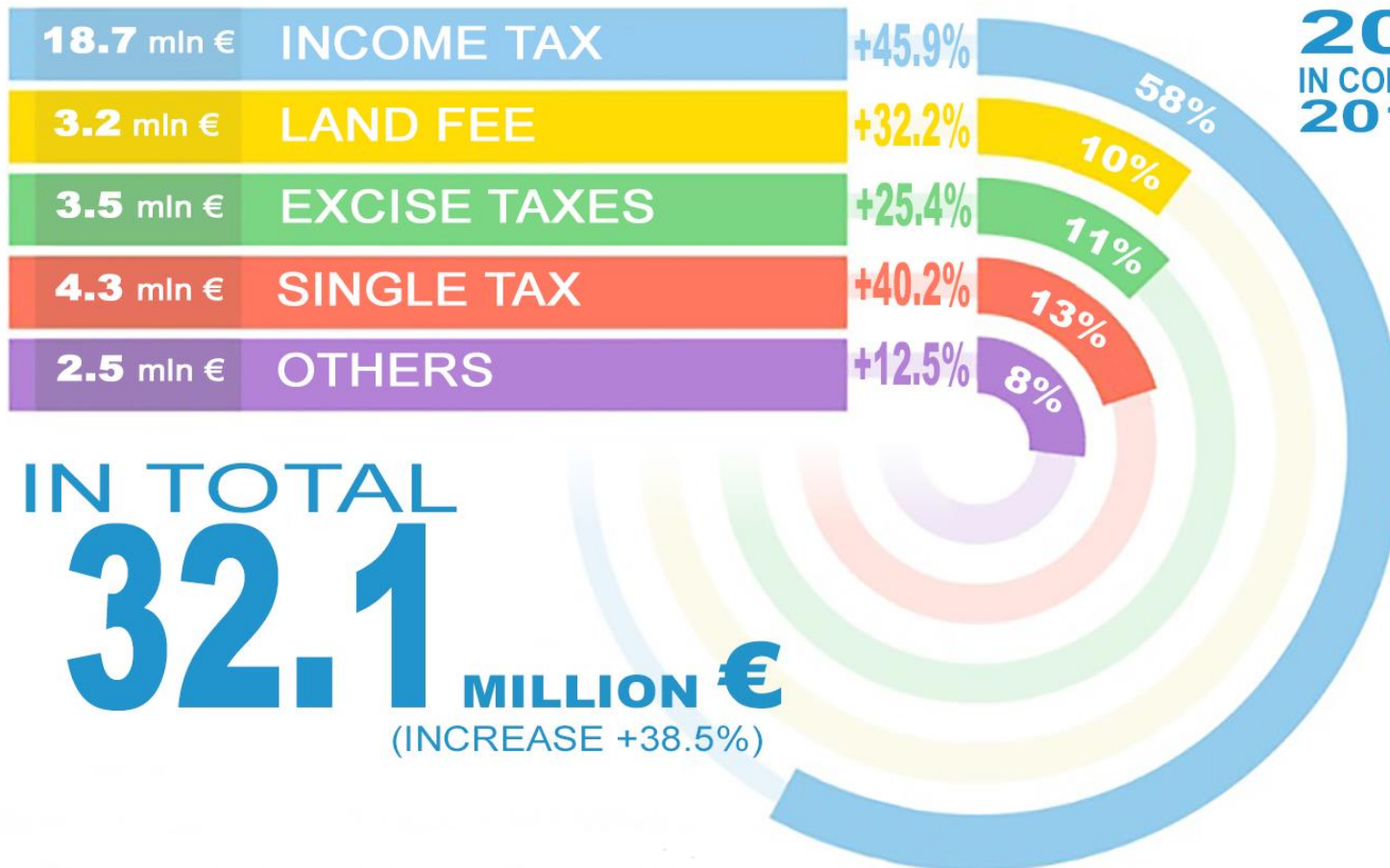
Zhytomyr City, UKRAINE



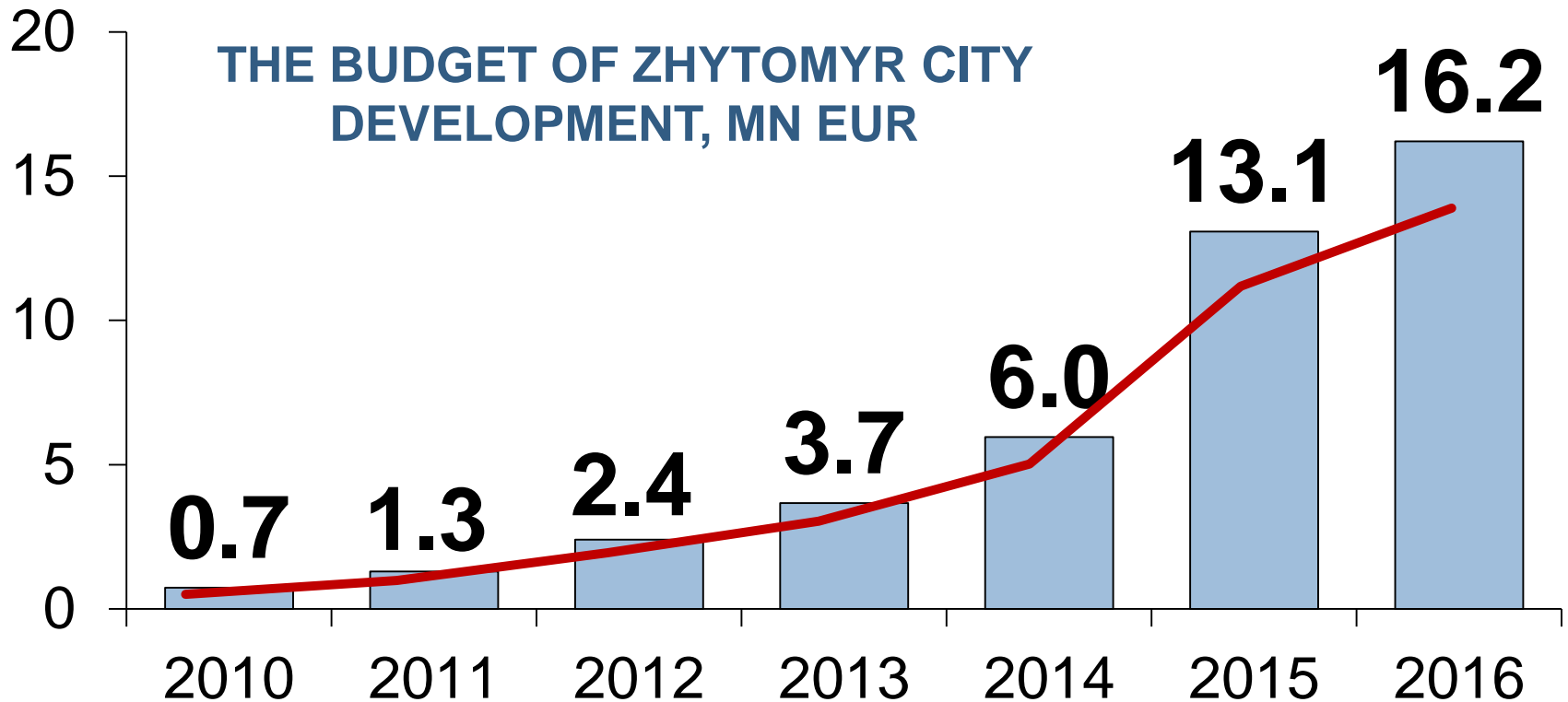
Facilitator

BUDGET DECENTRALIZATION

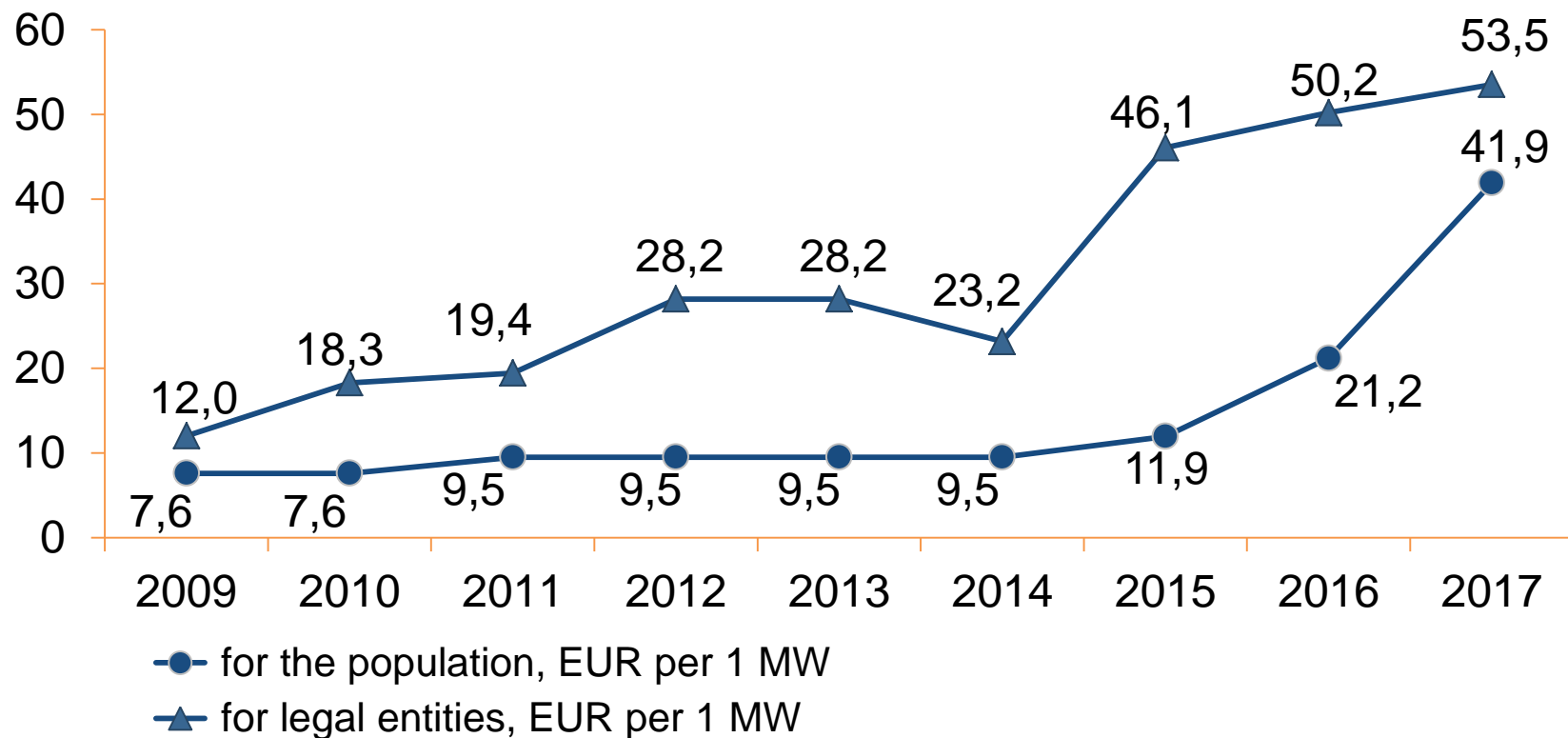
2017
IN COMPARISON WITH
2016



THE BUDGET OF ZHYTOMYR CITY DEVELOPMENT



THE DYNAMICS OF TARIFFS FOR THERMAL ENERGY IN ZHYTOMYR CITY

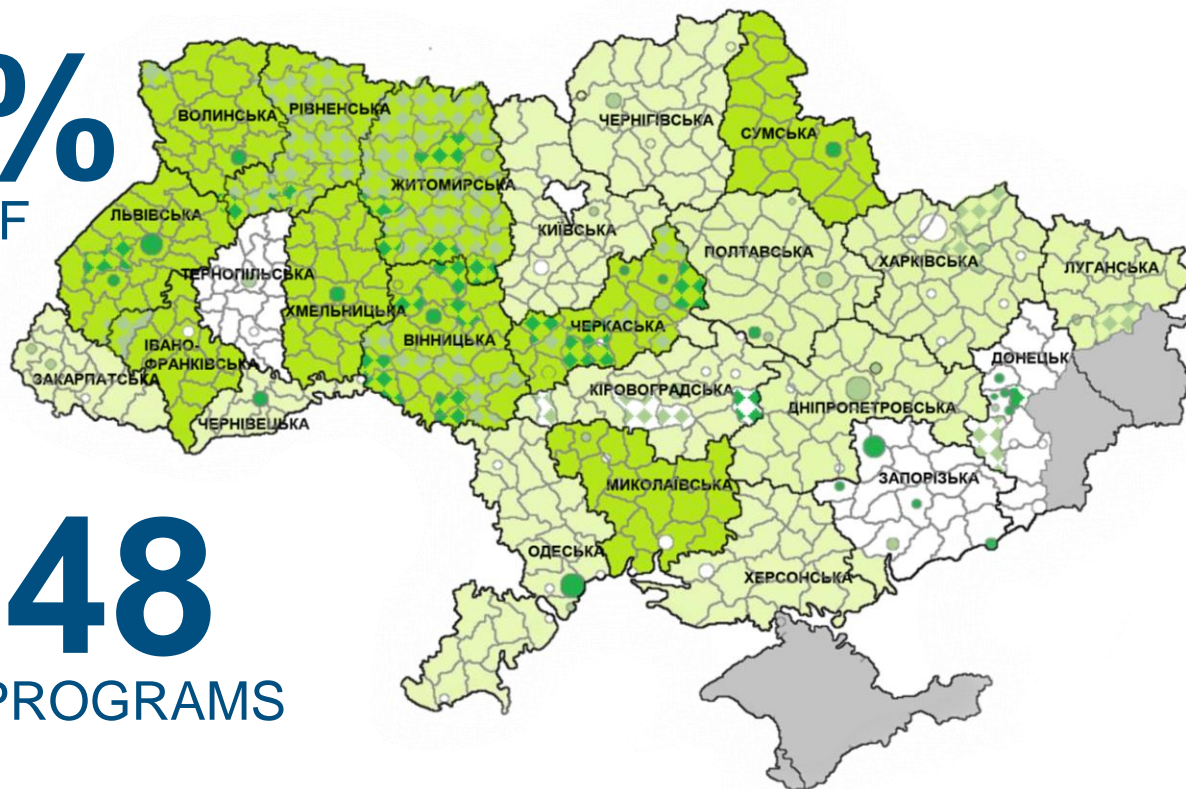


THE STATE PROGRAM OF THERMAL UPGRADE OF BUILDINGS SUPPORT

30-70%

COMPENSATION OF
PRINCIPAL OF THE
LOAN

+148
LOCAL PROGRAMS



Federal Ministry
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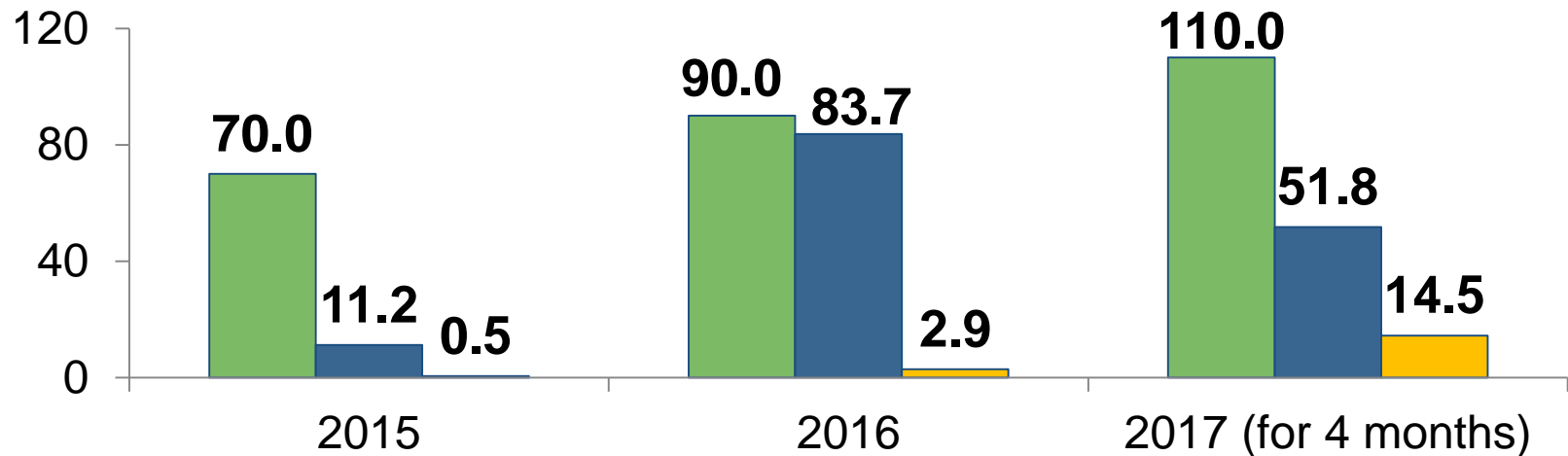


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THE LOCAL PROGRAM OF FINANCIAL SUPPORT OF THERMAL UPGRADE OF BUILDINGS



- budgetary funds, th EUR
- the amount of attracted credit funds, th EUR
- actual amount of used funds, th EUR

	2015	2016	2017
the number of borrowers	3	10	8

IMPLEMENTATION OF TE AUTOMATIC CONTROL SYSTEM IN RESIDENTIAL BUILDINGS



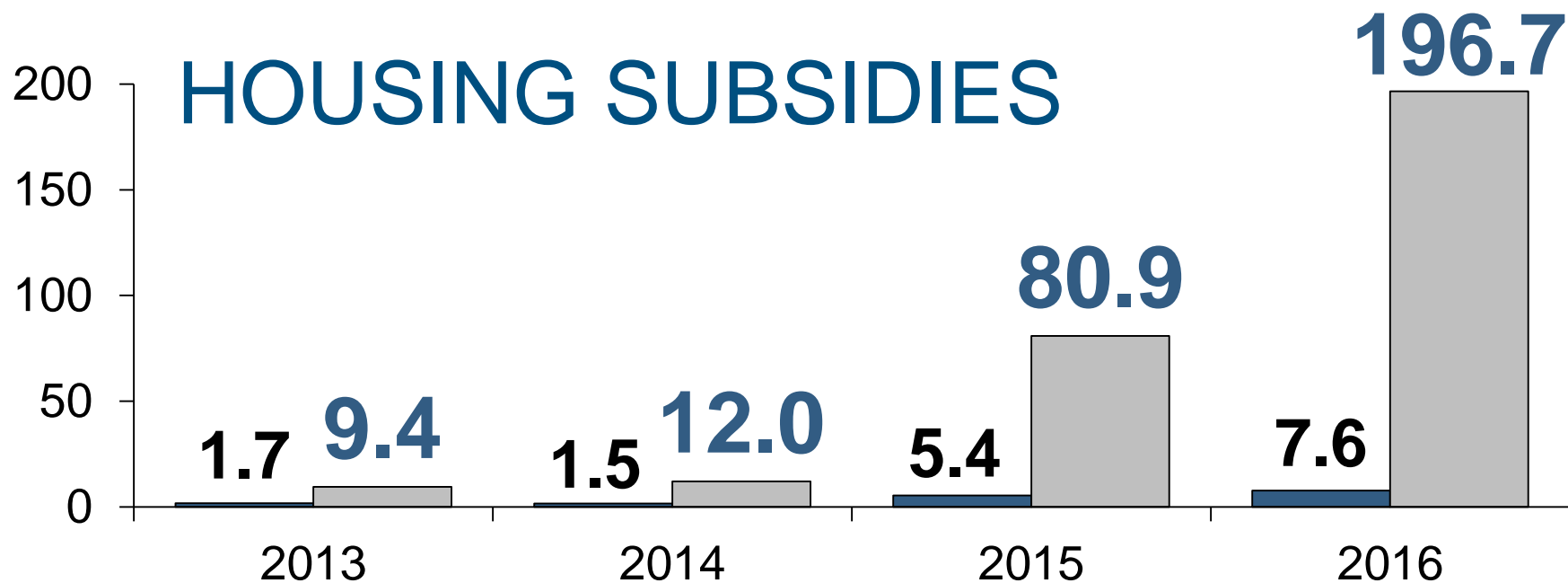
194 IHP

Individual Heating Points

- *the impact of the end consumer on consumption of thermal energy;*
- *temperature regulation of a heat carrier depending on the outside temperature.*



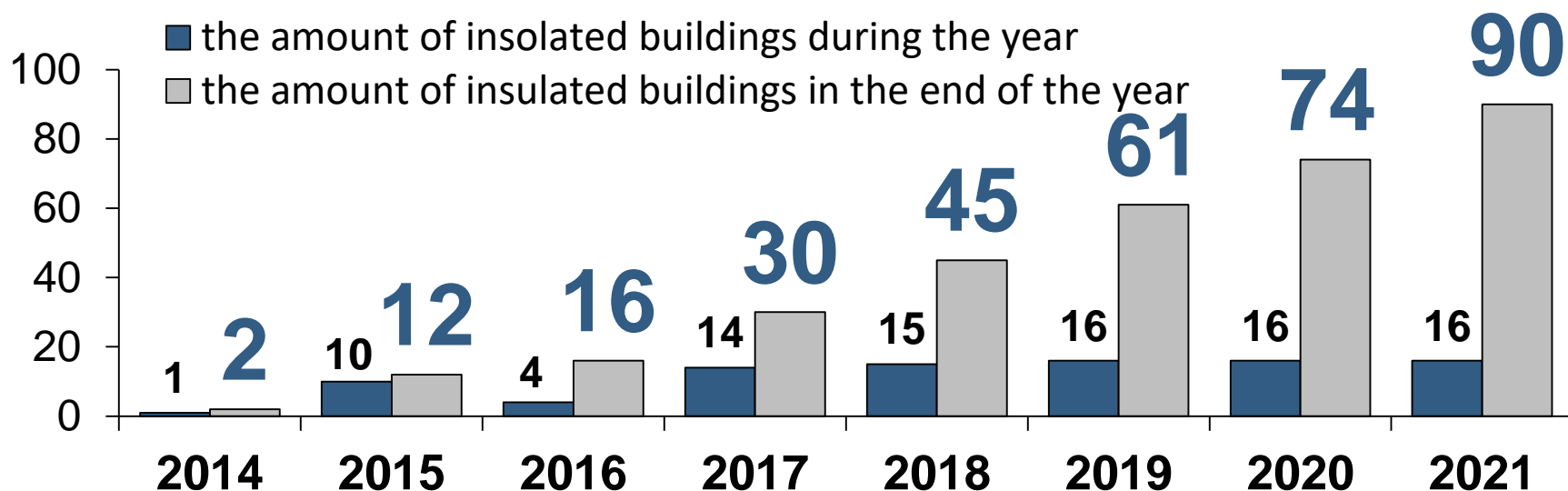
OBSTACLES TO MASS THERMAL RENOVATION OF RESIDENTIAL BUILDINGS



■ the amount of households that are assigned subsidies for housing and utilities services, mn of households

■ the sum of assigned subsidies, mn EUR

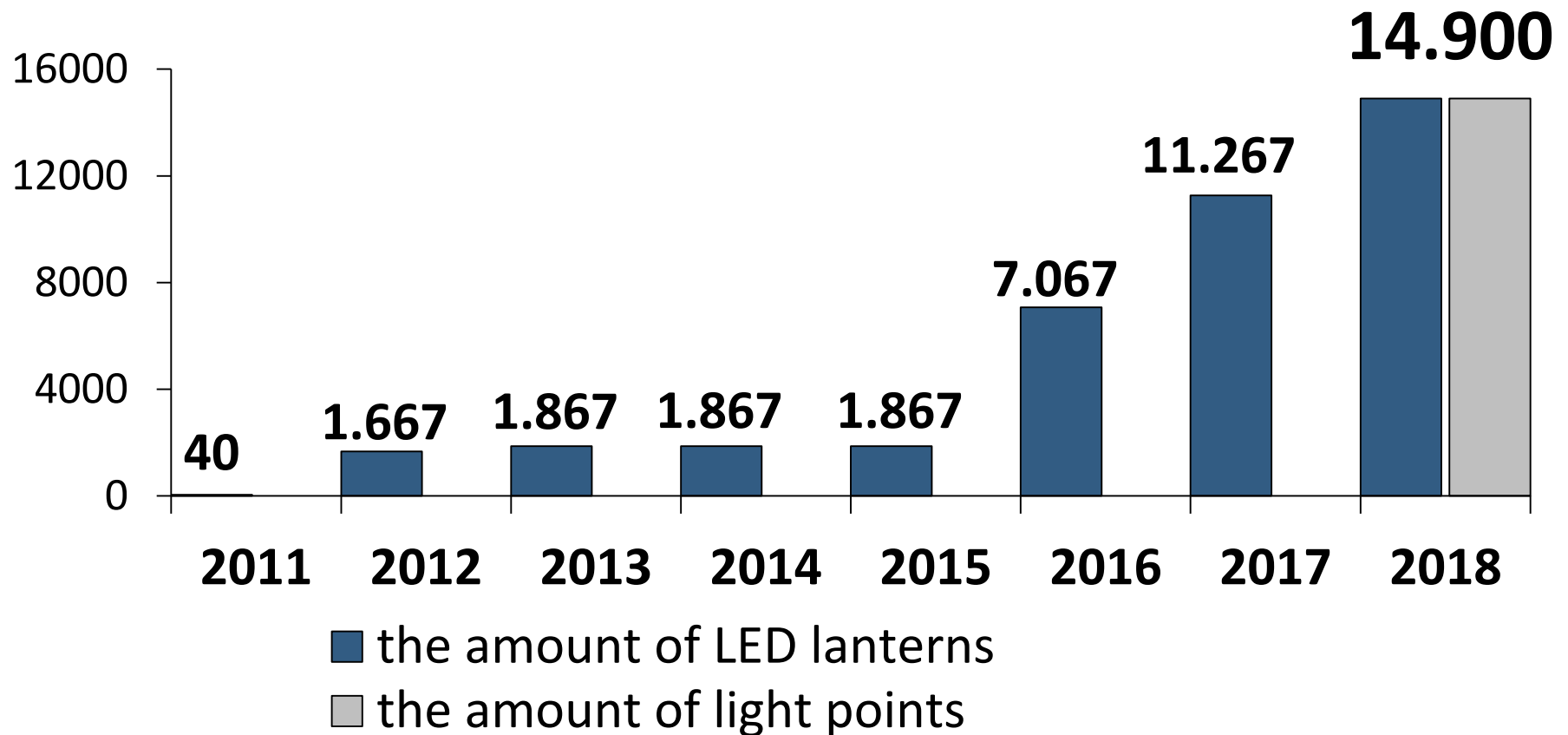
THE LOCAL PROGRAM OF THERMAL RENOVATION OF THE BUDGET SECTOR BUILDINGS



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



THE LOCAL PROGRAM OF STREET LIGHTING SUBSTITUTE TO THE LED ONE

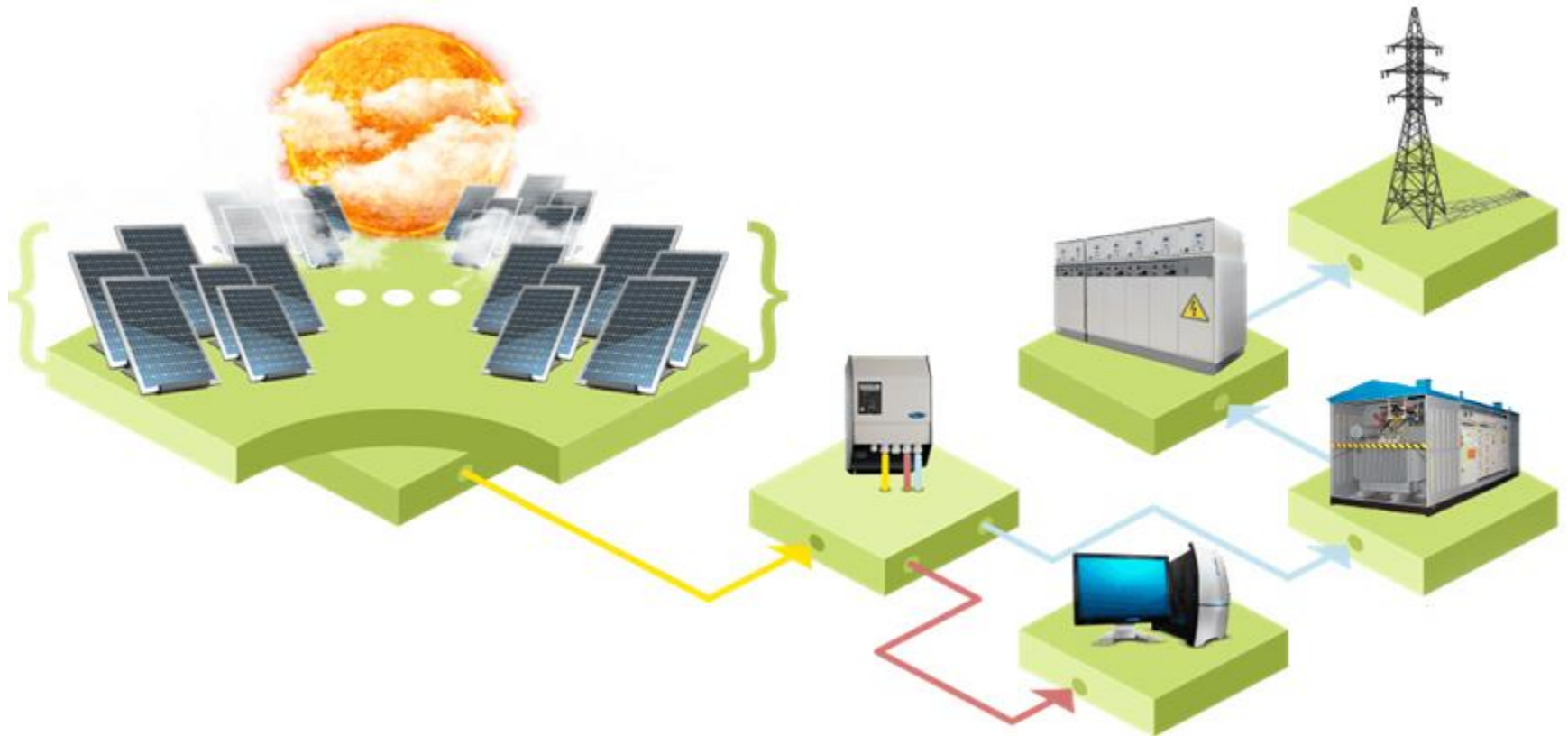


THE LOCAL PROGRAM OF STREET LIGHTING SUBSTITUTE TO THE LED ONE

An aerial night photograph of a city street lighting project. The image shows a dense urban area with numerous streets and buildings illuminated by streetlights. The lights are predominantly yellow and white, creating a bright contrast against the dark night sky. The perspective is from a high angle, looking down on the city streets.

2016
+5200 LED LANTERNS

CONSTRUCTION OF TERRESTRIAL SOLAR POWER STATION (~ 10.0 MWh)





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City Mayor

Zhytomyr City, UKRAINE



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10014, Zhytomyr city, Square named after S.P.Koroliov, 4/2

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