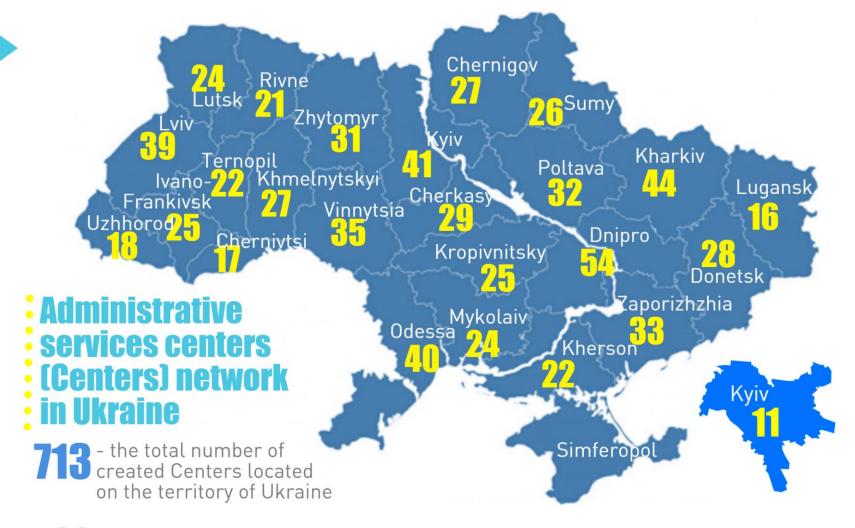


Geographic accessibility analysis



of the administrative services centers and their territorial subdivisions (2017)

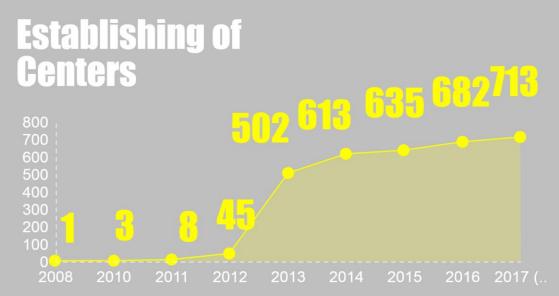




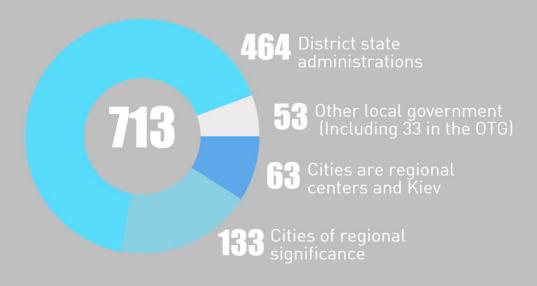
- the number of the Centers located on the uncontrolled territory of Ukraine







Distribution of Centers





Голоби Миляч Кіпті **Устилуг**

Корчак

Тростянець Шумськ Стебник Грабовець Н.Стрілчища

Мокрокалигірка Слобожанське Срки Лиман Сурсько-Литовське Вербки Лиман

Печеніжин Недобаїв Глибока Сокиряни Сторожинець

Воскресенка

Красносілка



Centers that are formed in OTG



Centers are scheduled to be open at the OTG by the end of 2017

Methodology of geographic accessibility analysis

- of the Administrative
- services centers



Using the methodology ETA (Estimated Time of Arrival)



Used software ESRI ArcGIS and QGIS



Based on open fields of geospatial data OpenStreetMap







Arrival time was calculated using road network. Travelling by car or public transport (without taking into account the time spent on stops)

The following data is used for analysis:



701 Administrative services centers



25,5 thousand settlements



120 thousand km of roads



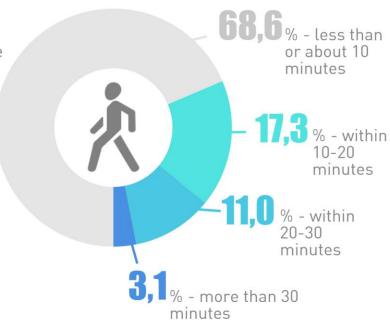
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Geographic accessibility analysis

of the administrative services centers

Percentage of the population that lives in the accessibility zone of the Center





Million people in Ukraine live in a zone of access to the closest Center more than 30 minutes





The major of all geographically close services to the population (accessibility to Centers within 10 minutes) in the city of Kiev (98%), Kiev (86.8%) and Dnipropetrovsk (85.9%) regions



Less geographically close services to the population (access to the Centers more than 30 minutes) in the mountainous region of the Carpathians (15%) and Polesie (9%)



Proposals for the development of the administrative services centers network



+ 240 Centers

Subject to additional placement of new Centers:

+94 in OTG

(including in amalgamated communities)



Percentage of the Ukrainian population living in the access zone to the closest Center



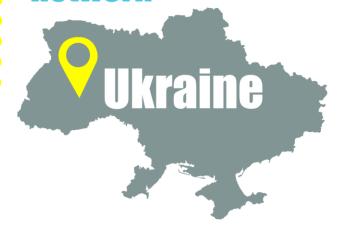
of people will live in the 10-minute accessibility to the Centers







Proposals for the development of the administrative services centers network





The primary placement of new Centers is to be carried out:



In the cities of district significance, located in a time accessibility of more than 10 minutes to the closest Center



In the centers of existing OTG, located in a time accessibility of more than 10 minutes to the closest Center



In urban-type settlements or in villages with a population of more than 1 thousand people, located in a time accessibility of more than 20 minutes to the closest Center



In settlements that are significant tourist centers or transport hubs, located in a time accessibility of more than 10 minutes to the closest Center

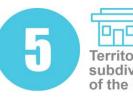


ADMINISTRATIVE SERVICES REFORM OFFICE



Vinnytsia region

Administrative services centers (Centers)



Territorial subdivisions of the Centers



million people the population of the region

14

city of district and regional significance

1,4

Thousand settlements

24

amalgamated communities



Administrator's remote working place Centers including in amalgamated communities

minutes

percentage of the region
population that lives in the
accessibility zone of the Centers

90.0

Vinnytsia region

68 %

will live in the 10-minute accessibility to the Centers

100%

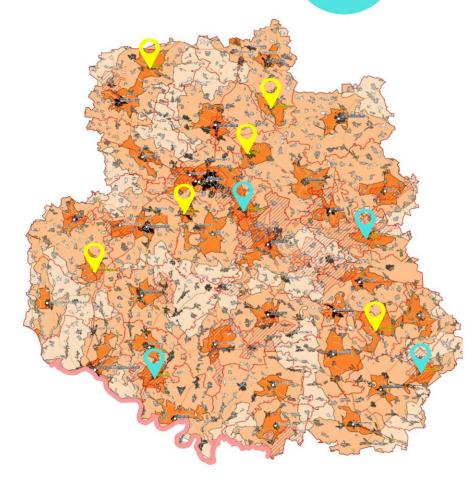
will live in the 30-minute accessibility to the Centers

+11%

people, who will receive accessibility improvement to the Centers



including in amalgamated communities



million people -the population of the region

Thousand settlements city of district and regional significance amalgamated communities

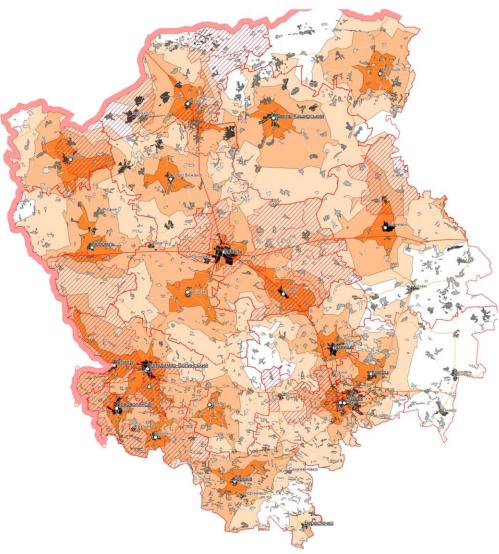
94.4

minutes

percentage of the region population that lives in the accessibility zone of the Centers







Proposals for the development of the Centers network Volyn region

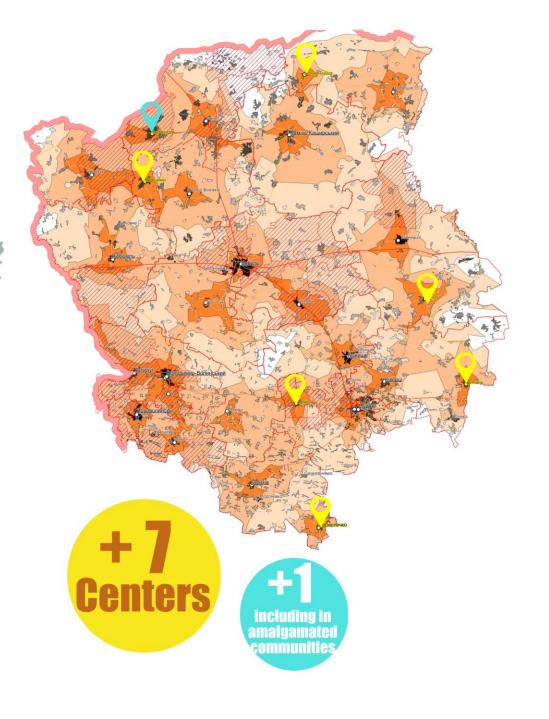
68 %

will live in the 10-minute accessibility to the Centers

99%

will live in the 30-minute accessibility to the Centers

+20%



Dnipropetrovsk region

Administrative services centers (Centers)





Centers including in amalgamated communities



Administrator's remote working place



85.9

10

Thousand settlements

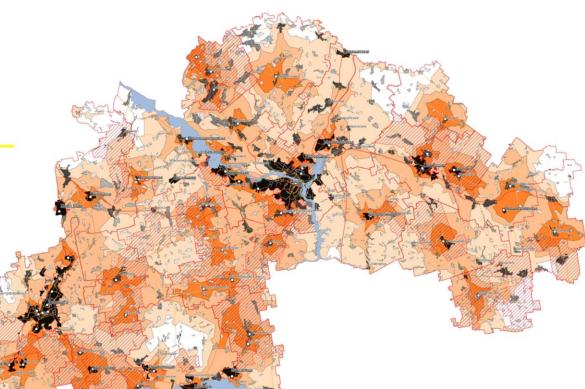
city of district and regional significance

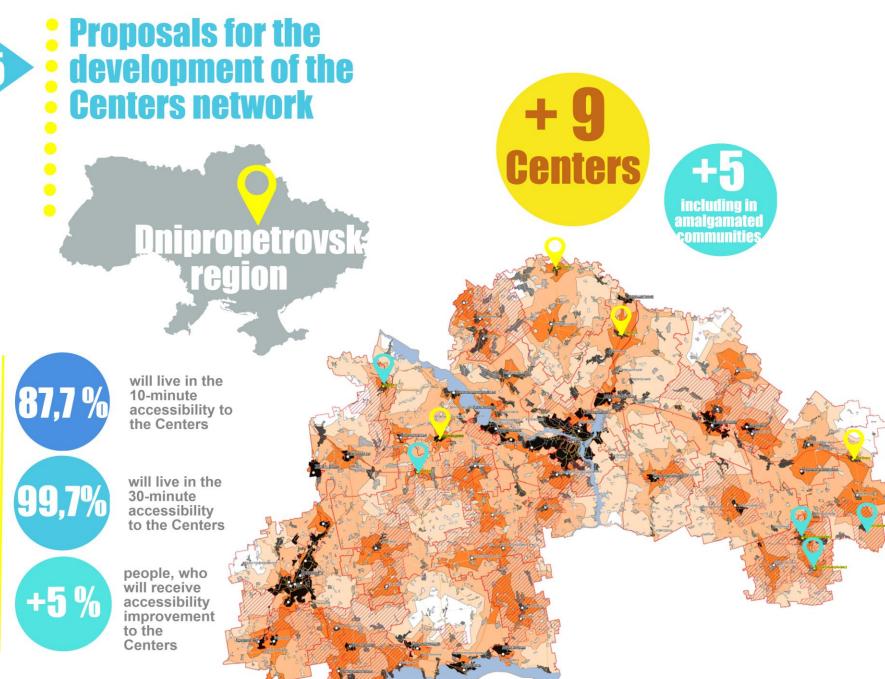




minutes
percentage of the region
population that lives in the
accessibility zone of the Centers

20





Donetsk region

2,2

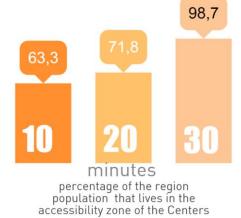
million people the population of the region

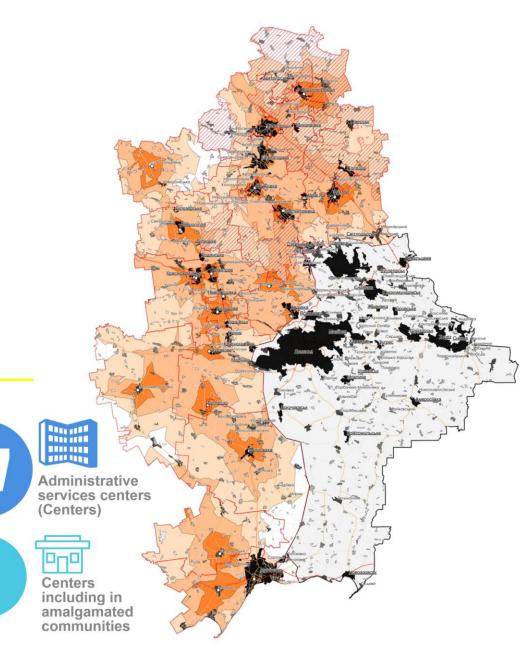
Thousand settlements

12

city of district and regional significance

amalgamated communities





Donetsk region

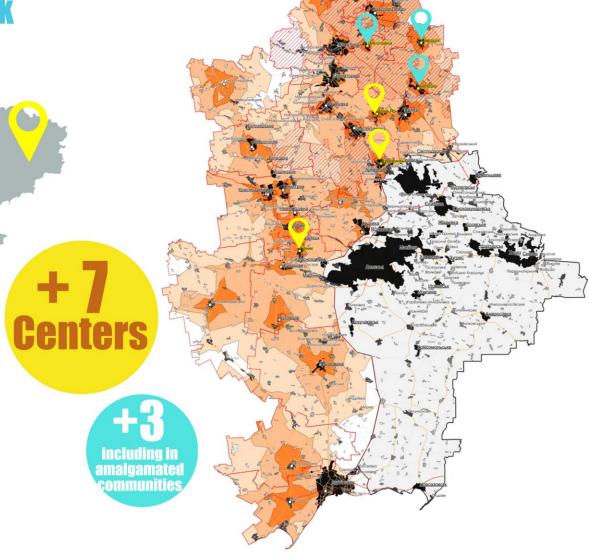
70,0%

will live in the 10-minute accessibility to the Centers

99,1%

will live in the 30-minute accessibility to the Centers

+23%



Zhytomyr region

1,2 nillion people the population of the region

Thousand settlements

12

city of district and regional significance

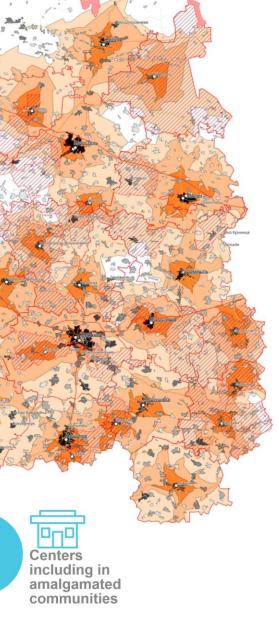
32

amalgamated communities



percentage of the region population that lives in the accessibility zone of the Centers





Zhytomyr region

67,1%

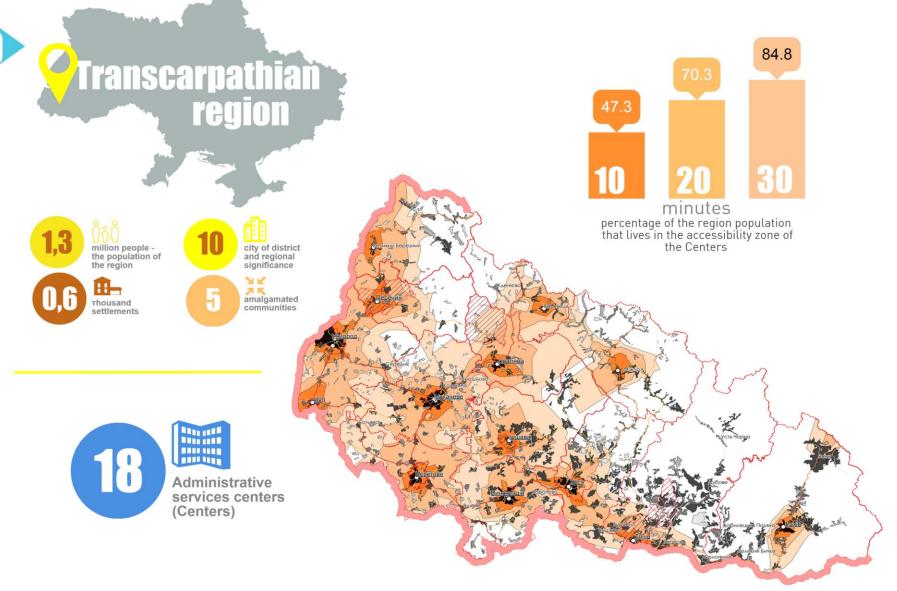
will live in the 10-minute accessibility to the Centers

98%

will live in the 30-minute accessibility to the Centers

+13 %

people, who will receive accessibility improvement to the Centers including in amalgamated communities Centers



Transcarpathian region

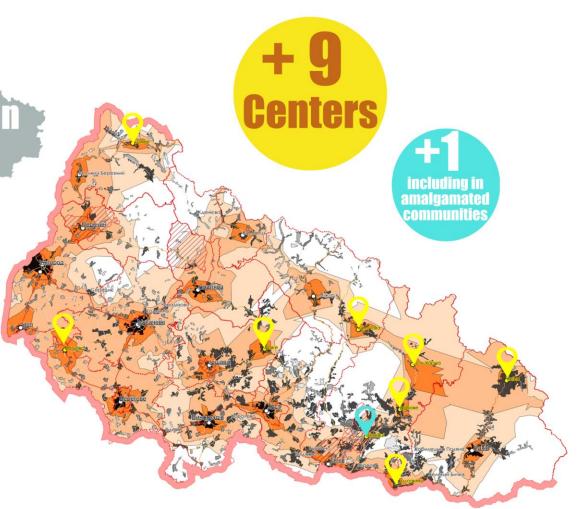
57 %

will live in the 10-minute accessibility to the Centers

95 %

will live in the 30-minute accessibility to the Centers

+33%



Zaporozhye region

Administrative services centers (Centers)





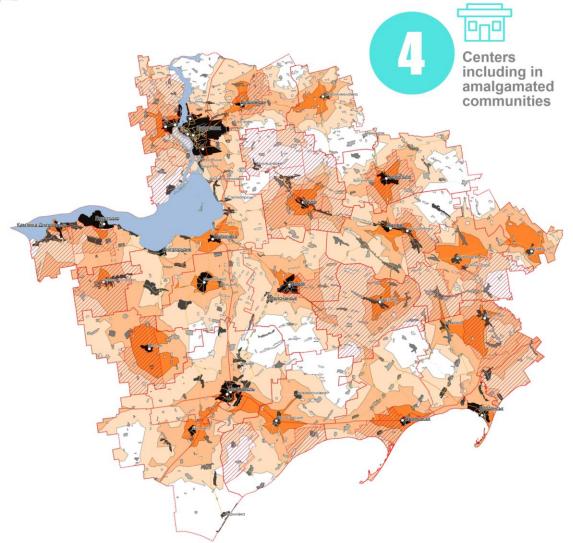
city of district and regional significance

1,6 Thousand settlements

amalgamated communities



percentage of the region population that lives in the accessibility zone of the Centers



Proposals for the development of the Centers network including in amalgamated **Centers** Zaporozhye region will live in the **82,1%** 10-minute accessibility to the Centers

98,5%

will live in the 30-minute accessibility to the Centers

+6,5%

Ivano-Frankivsk region



million people the population of the region



Thousand settlements



city of district and regional significance



amalgamated communities



percentage of the region population that lives in the accessibility zone of the Centers



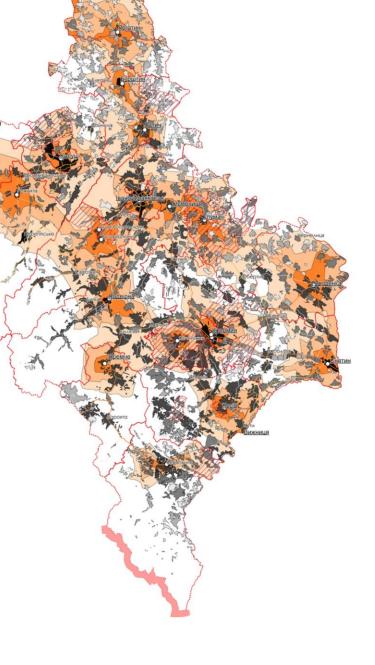
Administrative services centers (Centers)



Territorial subdivisions of the Centers



Centers including in amalgamated communities



Ivano-Frankivsk region

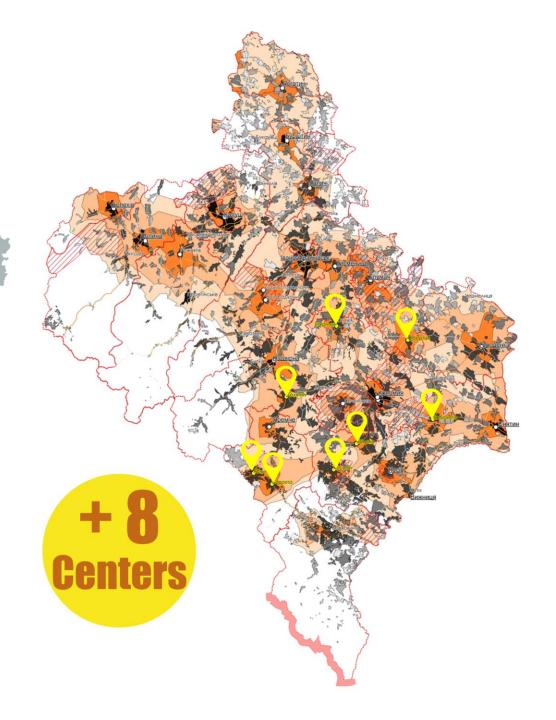
60,5%

will live in the 10-minute accessibility to the Centers

95,5%

will live in the 30-minute accessibility to the Centers

+12%





1,7 nillion people the population of the region

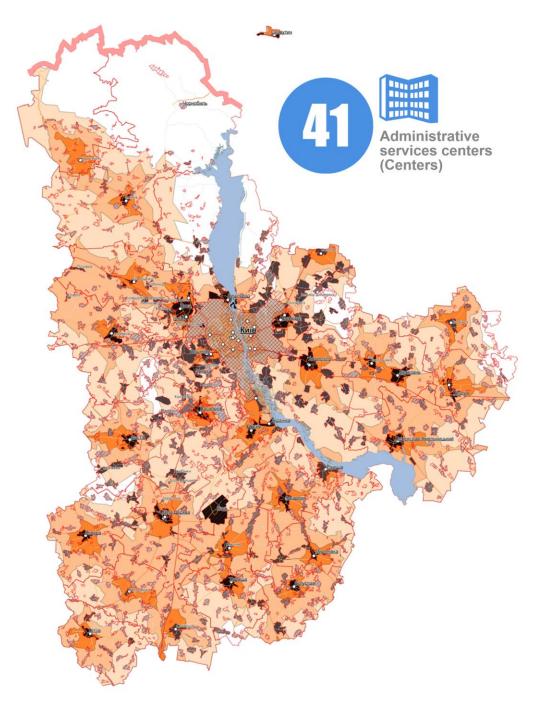
1,2 Thousand settlements

26 city of district and regional significance

amalgamated communities



minutes
percentage of the region population
that lives in the accessibility zone of
the Centers



Kyiv region

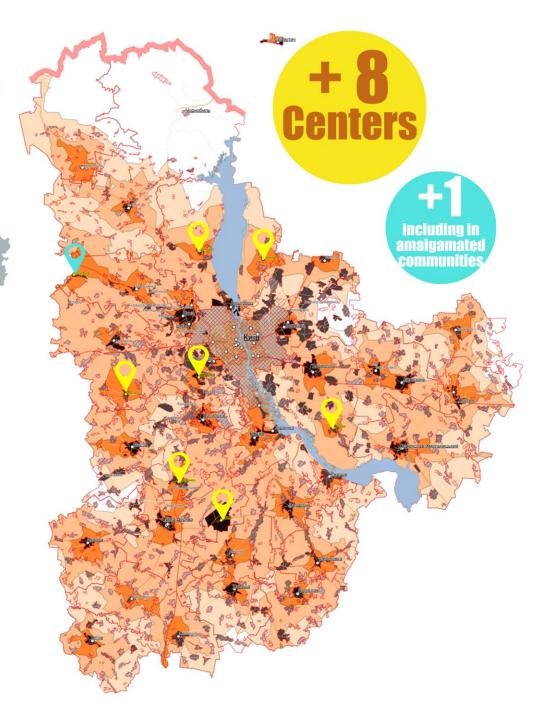
88,4%

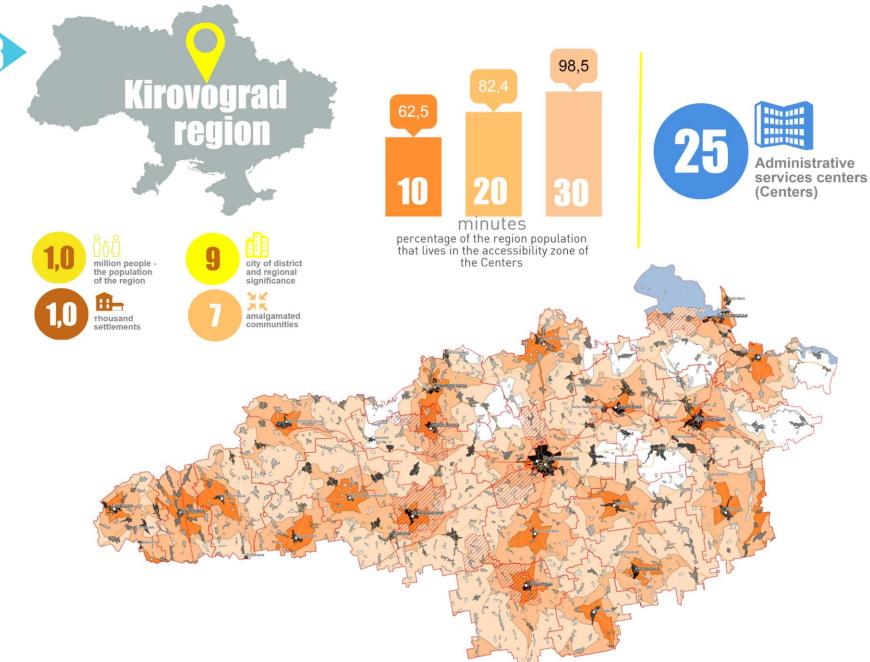
will live in the 10-minute accessibility to the Centers

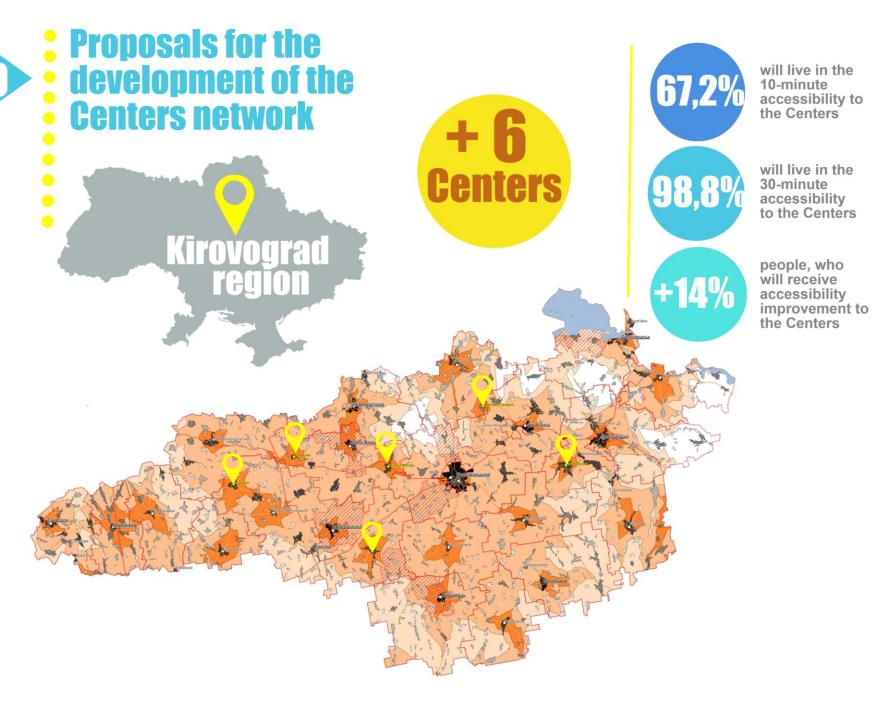
99,8%

will live in the 30-minute accessibility to the Centers

+4 %







Lugansk region



million people the population of the region



Thousand settlements



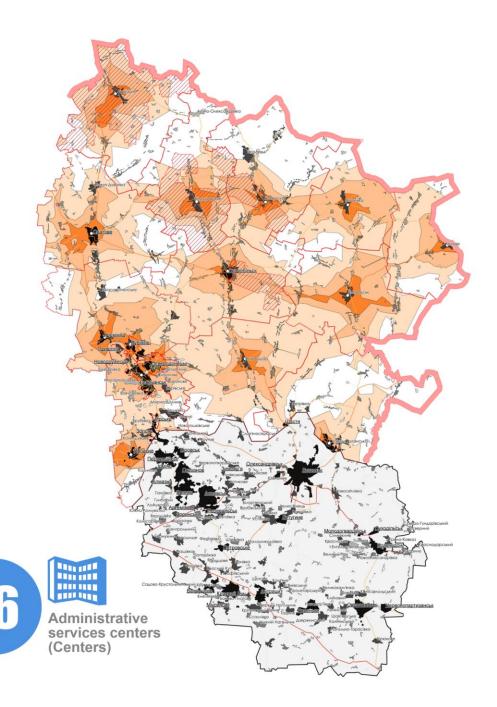
city of district and regional significance



amalgamated communities



percentage of the region population that lives in the accessibility zone of the Centers



Lugansk region

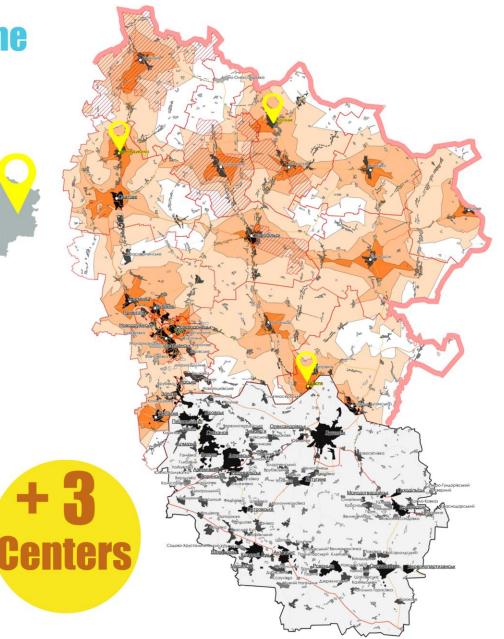
67,8%

will live in the 10minute accessibility to the Centers

96,7%

will live in the 30-minute accessibility to the Centers

+10%



Lviv region

2,5

million people the population of the region

1,8 Thousand settlements

43

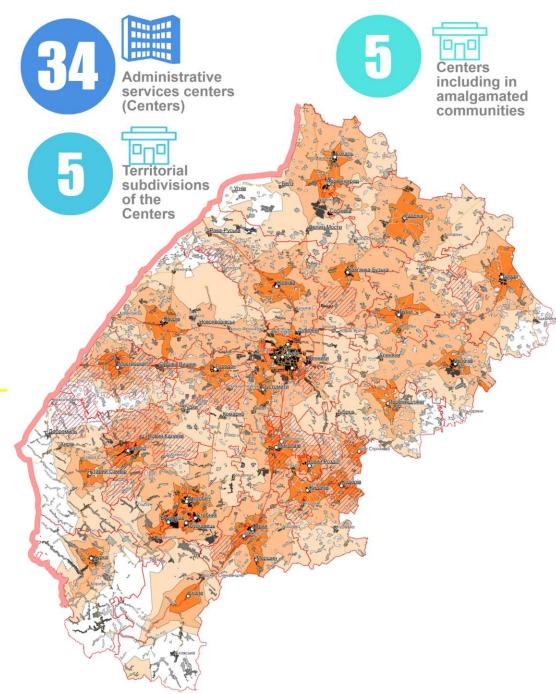
city of district and regional significance

-<u>1</u>

amalgamated communities



minutes
percentage of the region
population that lives in the
accessibility zone of the Centers



Lviv region

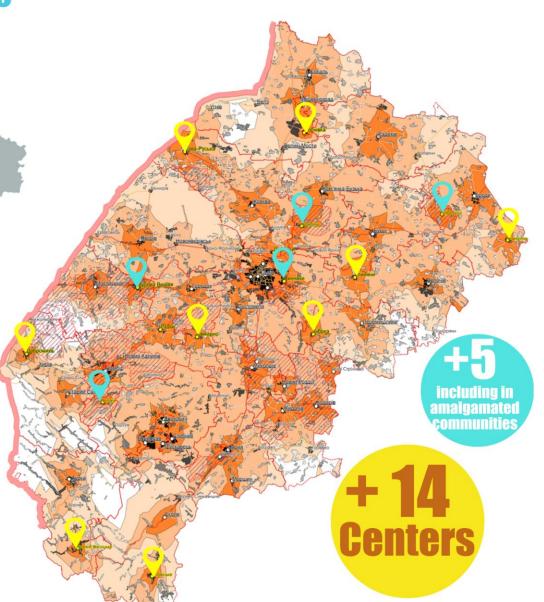
74,2 %

will live in the 10minute accessibility to the Centers

98,8%

will live in the 30minute accessibility to the Centers

+15%



Mykolaiv region

1,2 million people the population of the region

1,8 Thousand settlements

8

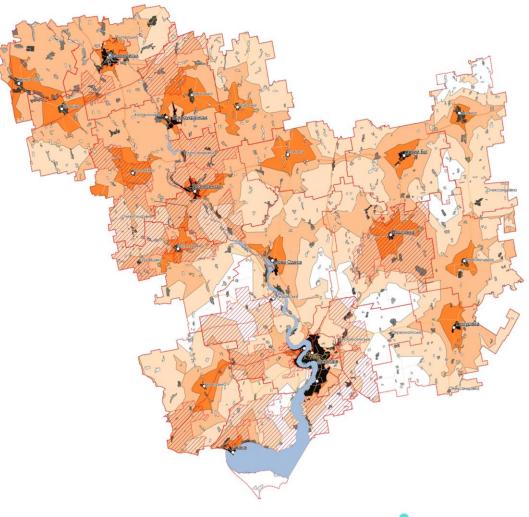
city of district and regional significance

20

amalgamated communities



percentage of the region population that lives in the accessibility zone of the Centers



Administrative services centers (Centers)



Administrator's remote working place

Mykolaiv region

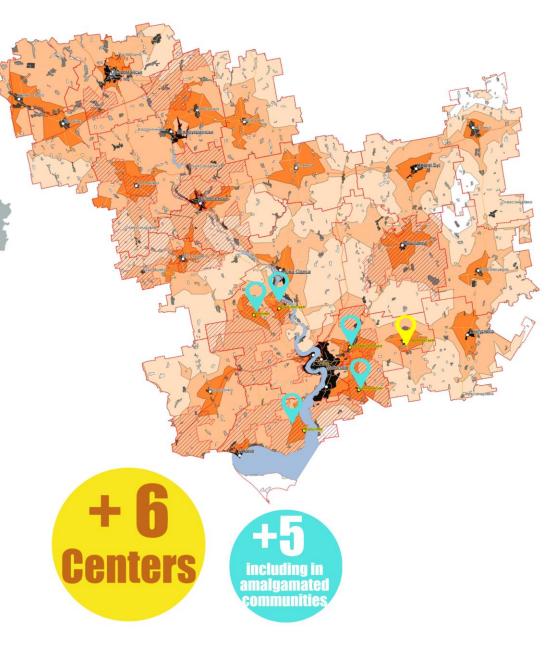
73,3%

will live in the 10minute accessibility to the Centers

99,5%

will live in the 30minute accessibility to the Centers

+12%



Odesa region



million people the population of the region

1,0 Thousand settlements



city of district and regional significance

12

amalgamated communities



Administrative services centers (Centers)



Territorial subdivisions of the Centers



20

30

98,6

minutes percentage of the region population that lives in the accessibility zone of the Centers





Odesa region

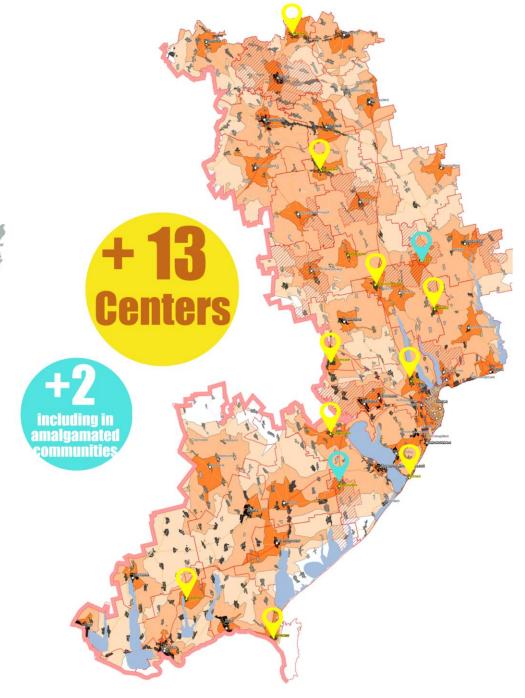
77,8%

will live in the 10minute accessibility to the Centers

99,6%

will live in the 30-minute accessibility to the Centers

+10%



Poltava region

1,4 million people the population of the region

Thousand settlements

13

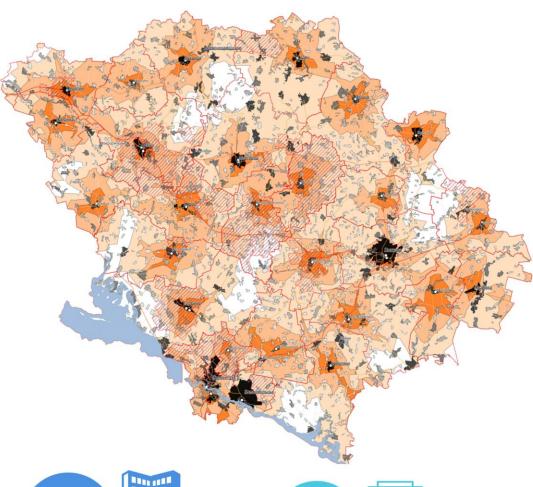
city of district and regional significance

20

amalgamated communities



percentage of the region population that lives in the accessibility zone of the Centers



Administrative services centers (Centers)



Territorial subdivisions of the Centers

Poltava region

68.8%

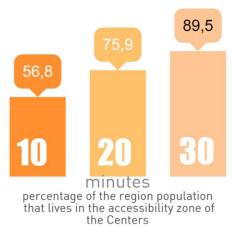
will live in the 10-minute accessibility to the Centers

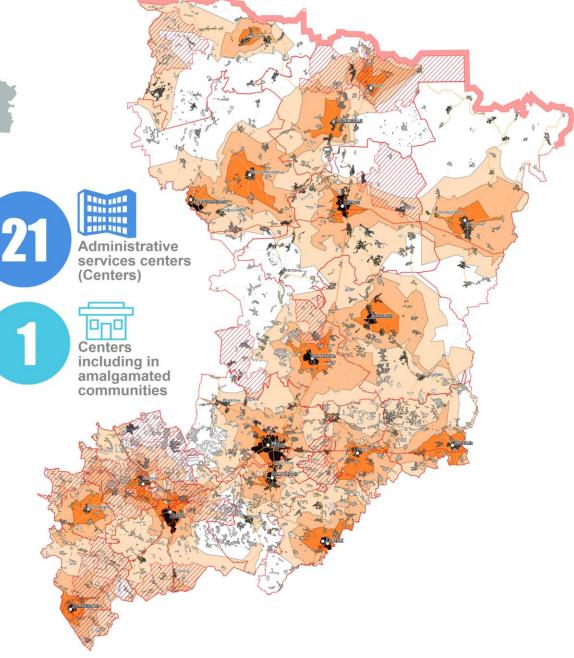
99.7%

will live in the 30minute accessibility to the Centers

+13%







Rivne region

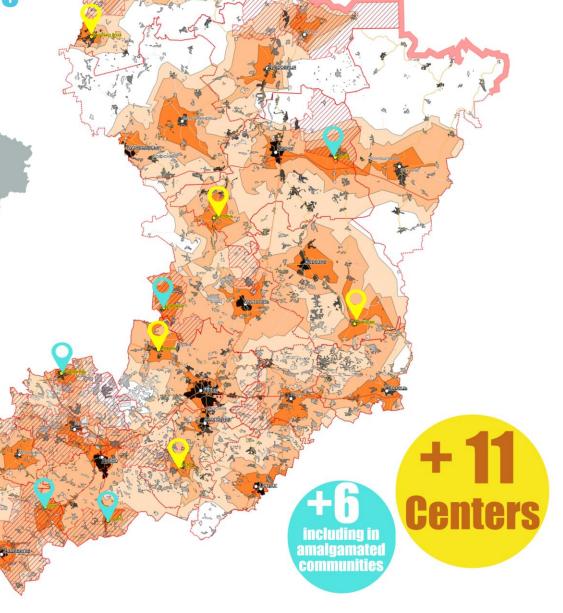
64 %

will live in the 10minute accessibility to the Centers

93 %

will live in the 30-minute accessibility to the Centers

+17%



Sumy region

1,1 Photos in the pop of the pop

million people the population of the region

1,2

Thousand settlements

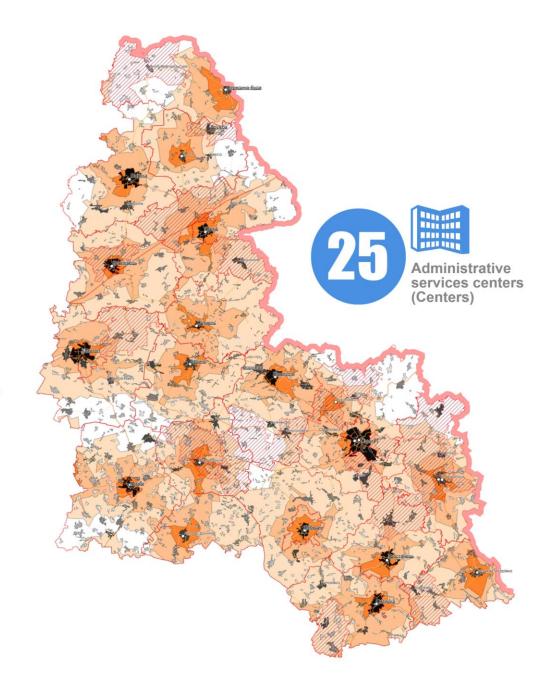
13

city of district and regional significance

amalgamated communities



minutes
percentage of the region population
that lives in the accessibility zone of
the Centers



Sumy

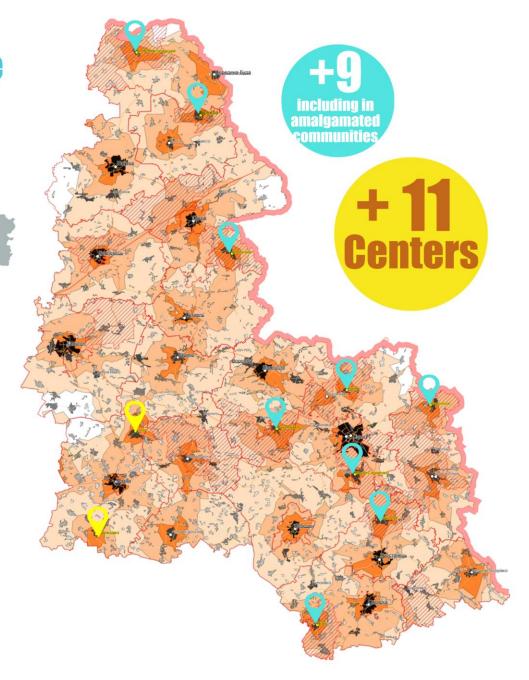
69,6%

will live in the 10-minute accessibility to the Centers

99,6%

will live in the 30-minute accessibility to the Centers

+14%



Ternopil region



million people - the population of the region

0,7 Thousand settlements

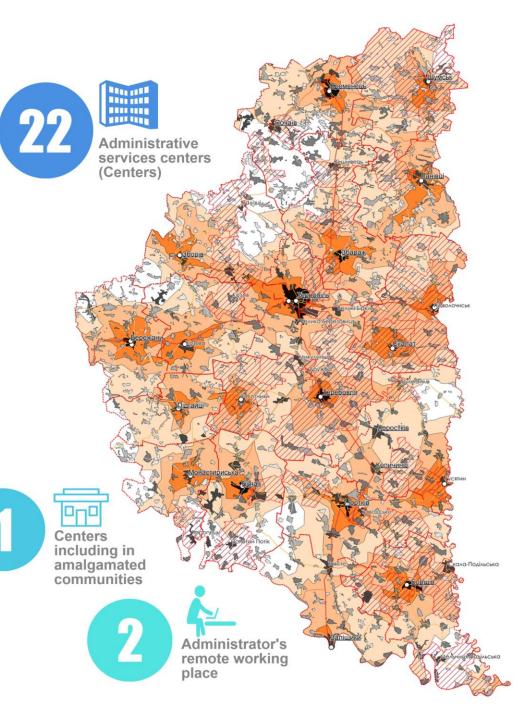
52,2



amalgamated communities



minutes
percentage of the region population
that lives in the accessibility zone of
the Centers



Ternopil region

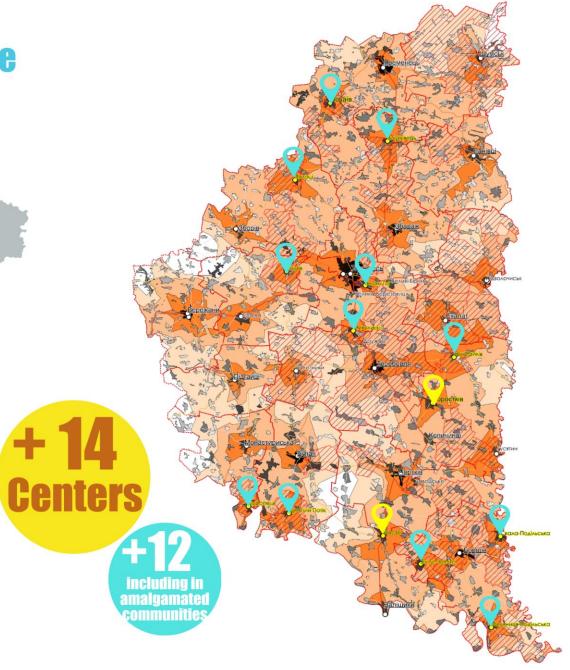
65,6%

will live in the 10minute accessibility to the Centers

99,3%

will live in the 30-minute accessibility to the Centers

+33%



Kharkiv region



2,7 million people the population of the region

1,2 Thousand settlements

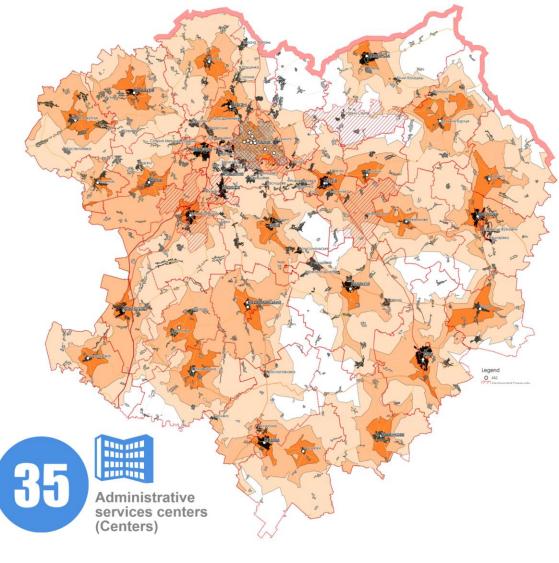
17

city of district and regional significance

amalgamated communities



percentage of the region population that lives in the accessibility zone of the Centers



Centers including in amalgamated communities



Kharkiv region

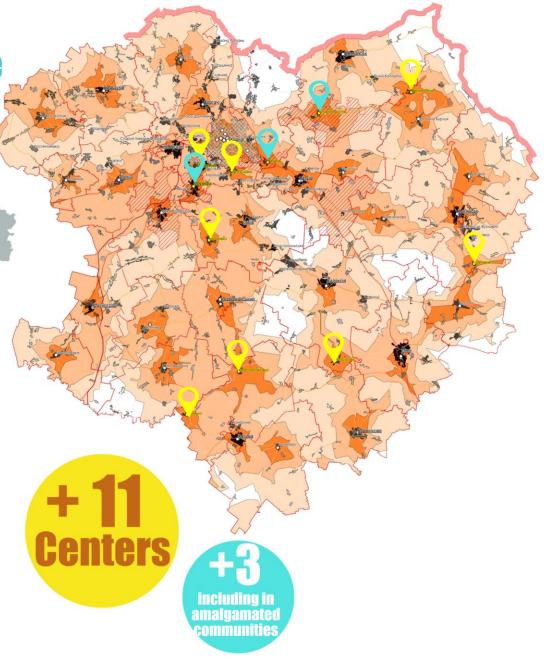
79,0%

will live in the 10minute accessibility to the Centers

99,0%

will live in the 30minute accessibility to the Centers

+10%



Centers

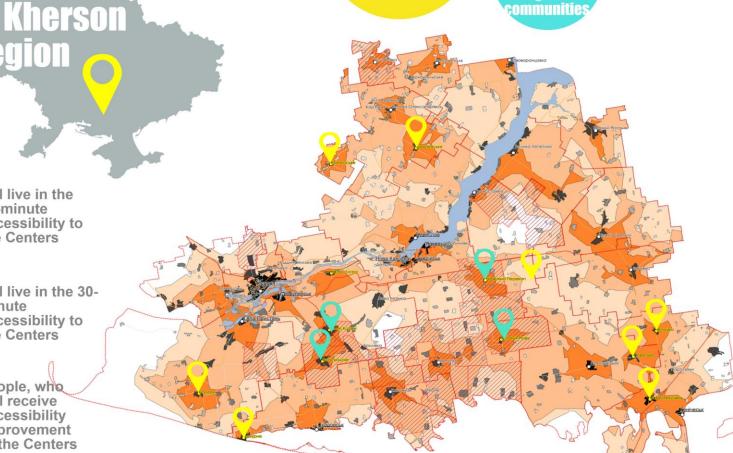
60,3%

will live in the 10-minute accessibility to the Centers

99,5%

will live in the 30minute accessibility to the Centers

+18%



Khmelnytsky



Thousand settlements



city of district and regional significance

™ K amalgamated communities



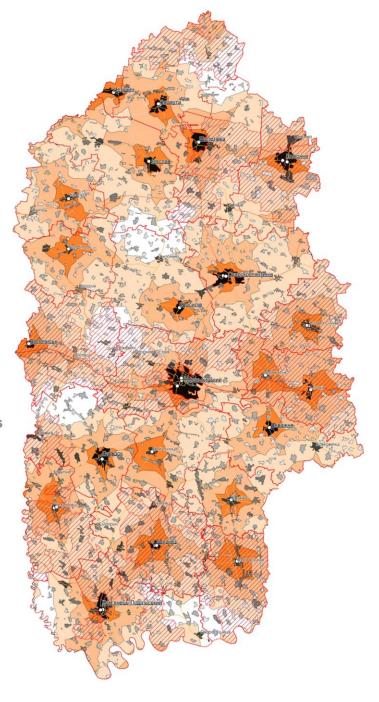
percentage of the region population that lives in the accessibility zone of the Centers



Administrative services centers (Centers)



Territorial subdivisions of the Centers



Khmelnytsky region

67,1%

will live in the 10-minute accessibility to the Centers

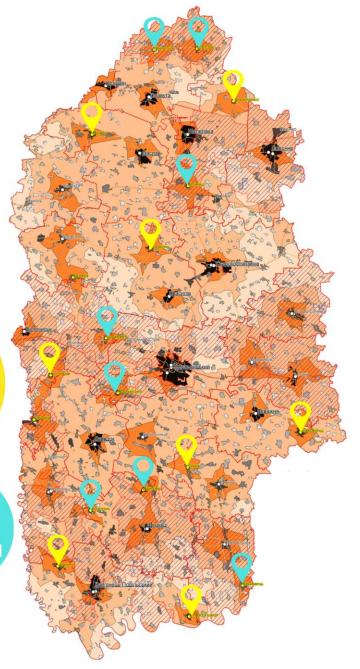
100%

will live in the 30-minute accessibility to the Centers

+24%

people, who will receive accessibility improvement to the Centers + 18 Centers

including in amalgamated communities



Cherkasy



Thousand settlements

city of district and regional significance

amalgamated communities



Centers including in amalgamated communities



10

minutes

97,8

percentage of the region population that lives in the accessibility zone of the Centers



Cherkasy region

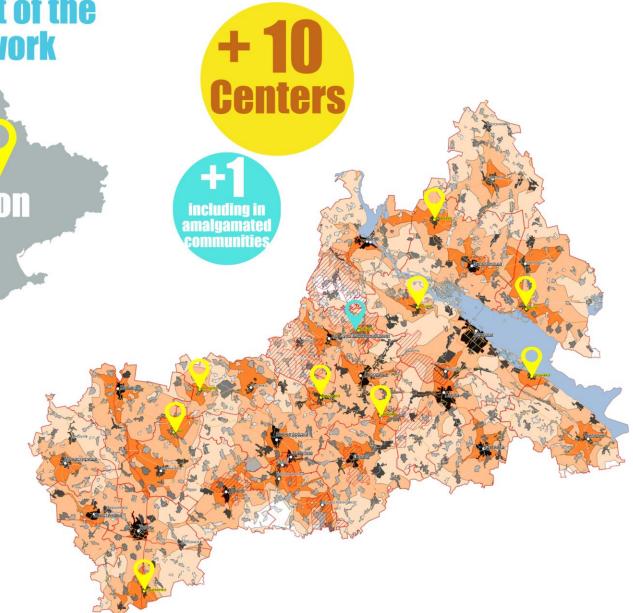
71,9%

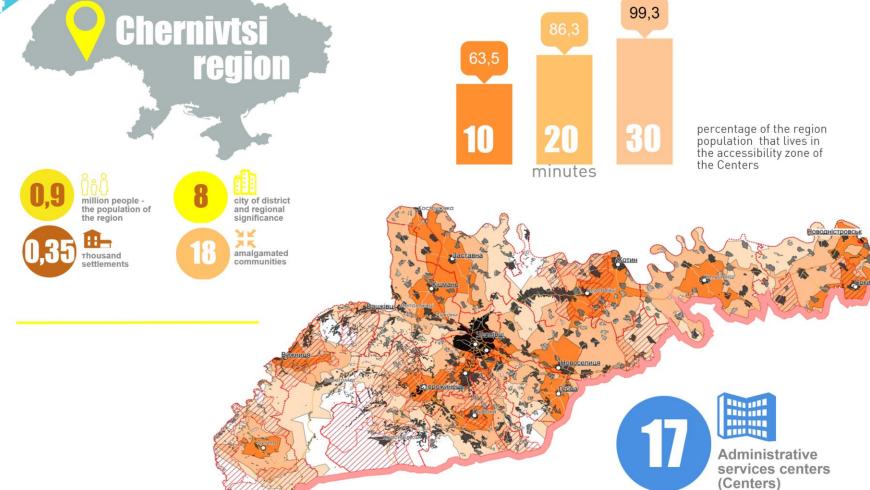
will live in the 10-minute accessibility to the Centers

99,8%

will live in the 30-minute accessibility to the Centers

+16%





Centers including in amalgamated communities

Chernivtsi region Centers

+ 6
including in amalgamated sommunities

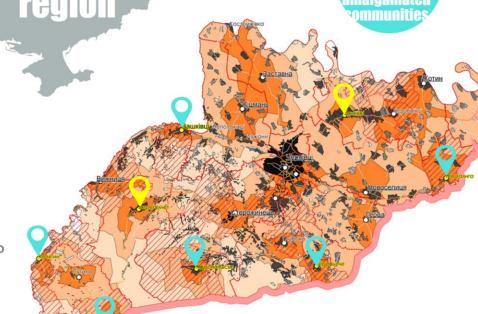
74,6 %

will live in the 10-minute accessibility to the Centers

99,8%

will live in the 30-minute accessibility to the Centers

+22%



56

Chernihiv region

1,0 million people - the population of the region

1,2 Thousand settlements

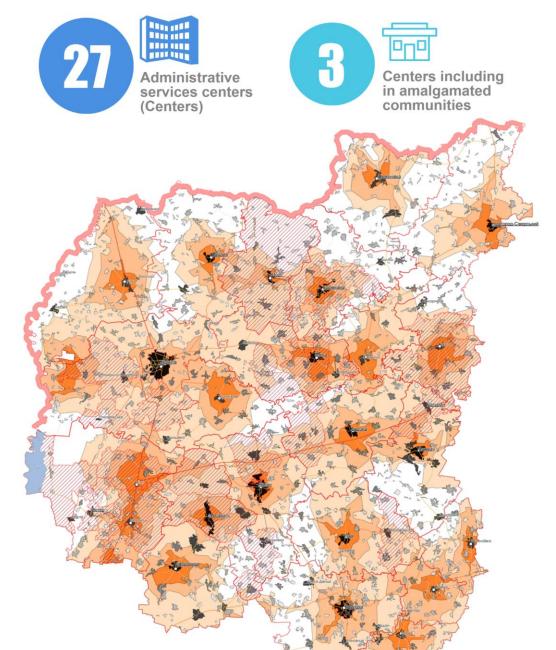
11

city of district and regional significance

amalgamated communities

77,6 92,4 92,4 10 20 30 minutes

percentage of the region population that lives in the accessibility zone of the Centers



Chernihiv region

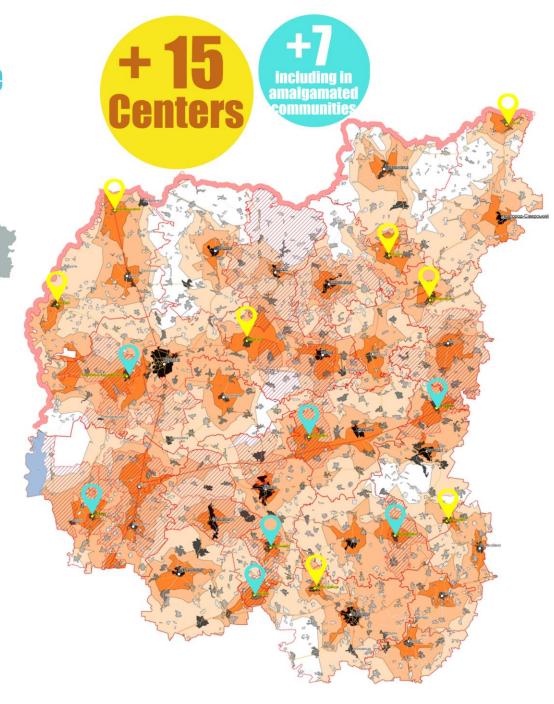
67,3%

will live in the 10-minute accessibility to the Centers

98,3%

will live in the 30-minute accessibility to the Centers

+25%





The research was conducted in March-May 2017, Kyiv



Project Manager: Volodymyr Semenikhin



Methodology and Analysis: Pavlo Ostapenko



Cartography: Mykola Kozyr





