# FIG Congress 2018 6-11 May 2018 ISTANBUL ENHANCING, THE GEOSPATIAL MATURITY OF SOCIETIES EMBRACING OUR MART WORLD WHERE THE CONTINENTS CONNECT:

Spatial Planning in Belarus: **Towards Achievement of Sustainable Development Goals** 

Alena Kasyanenka Institute for Regional and Urban Planning of Belarus









































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ENHANCING THE GEOSPATIAL MATURITY OF SOCIETIES

SDG11 «Make cities and human settlements inclusive, safe, resilient and sustainable»







































### Key business themes addressed SDG 11:

- Access to affordable housing
- ✓ Infrastructure investments
- ✓ Sustainable transportation
- Access to public spaces
- Sustainable buildings



169 associated targets





















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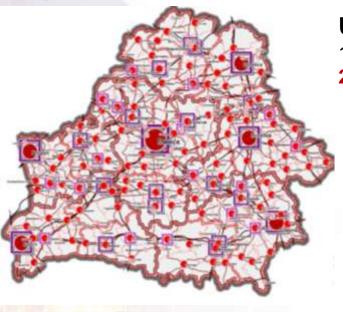
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### LIVING ENVIRONMENT

 of all territory of Republic of Belarus



 $\sim 9.5 MLN$ 



### **URBANIZATION**

1996 - 68 % **2017 - 78 %** 

















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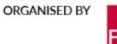






























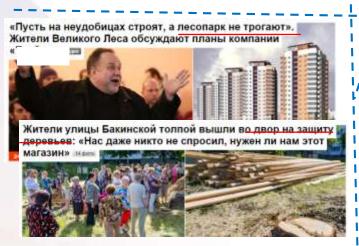
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#### EMBRACING OUR SMART WORLD WHERE THE CONTINENTS CONNECT:

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### Lack of territorial resources





**Expansion to green areas** 

### Dilapidated manufacturing areas in central part of the cities









### MAIN URBAN CHALLENGES

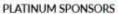




















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### MAIN URBAN CHALLENGES

Инфраструктура, ау! Бродим по престижному району Лебяжий в поисках очагов цивилизации, трех обещанных 🧸 школ и пяти детских садов жанн

Lack of social infrastructure in new residential areas



Traffic jams and lack of parking places in Minsk and big cities



#### Old engineering infrastructure





Reconstruction of old housing stock-







MAIN SUPPORTERS





PLATINUM SPONSORS









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### MAIN PRIORITIES FOR SPATIAL AND URBAN PLANNING

- Increase territorial cohesion among regions / cities / cities rural settlements
- Stimulation of economic development and the rise of the competitiveness of cities using existing potential
- Efficient use of existent territorial resources. Prevention of «urban sprawl». Controlled urbanization
- Development of transport and engineering infrastructures
- Creation of inclusive, safe and friendly habitat for all groups of population

































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### MAIN DIRECTIONS OF THE NATIONAL URBAN **DEVELOPMENT POLICY 2016-2020**



1. BALANCED DEVELOPMENT OF REGIONS AND HUMAN SETTLEMENTS BY ENHANCING THE SUSTAINABLE SETTLEMENT PATTERN



2. COMPREHENSIVE DEVELOPMENT OF LIVING ENVIRONMENT AND **ECOLOGICAL SECURITY** 



3. ENHANCEMENT OF REGIONAL / URBAN TRANSPORT SYSTEM AND MODERNIZATION OF ENGINEERING INFRASTRUCTURE



4. DEVELOPMENT OF ARCHITECTURAL - PLANNING STRUCTURE OF HUMAN SETTLEMENTS WITH PRESERVATION AND EFFICIENT USE OF HISTORICAL-**CULTURAL HERITAGE** 

















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BALANCED DEVELOPMENT OF REGIONS AND HUMAN SETTLEMENTS BY ENHANCING THE SUSTAINABLE SETTLEMENT PATTERN







### 2. COMPREHENSIVE DEVELOPMENT OF LIVING ENVIRONMENT AND **ECOLOGICAL SECURITY**





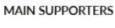






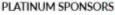




















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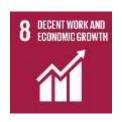
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### 3. ENHANCEMENT OF REGIONAL / URBAN TRANSPORT SYSTEM AND MODERNIZATION OF ENGINEERING INFRASTRUCTURE













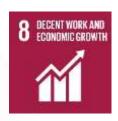


4. DEVELOPMENT OF ARCHITECTURAL - PLANNING STRUCTURE OF HUMAN SETTLEMENTS WITH PRESERVATION AND EFFICIENT USE OF HISTORICAL-**CULTURAL HERITAGE** 



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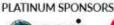












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### To achieve SDG Spatial and Urban Policy should:

- planning of compact and connected cities and ✓ stimulate regions
- ✓ facilitate sustainable economic development
- ✓ suggest transformative renewal strategies and improvement of infrastructures (social, engineering and transport)
- ✓ support environmental planning and management
- enhance inclusive and participatory planning



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## THANK YOU











