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# DOM.RF Initiatives for Sustainable Urban Development

Russia Housing and Urban Development Corporation

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# Creation of sustainable urban environment



## Principles of sustainable urban development



**Efficient urban planning**



**Mixed use of urban areas**



**Development of built-up territories**, not expansive construction on free area



**Transition from street to district planning and creation of efficient street network**



- 1 Urban Environment Quality Index**  
Monitoring tool for urban development
- 2 Integral Guidelines for Urban Territories**  
Formation of a high-quality urban environment and increase the efficiency of land use
- 3 OECD Urban Policy Review**  
Creation of the single national urban policy based on the best world practices

# 1

## 6 types of areas are estimated on 6 criteria = 36 indicators

- Housing and surroundings
- Green and water areas
- Street infrastructure
- Public and recreational infrastructure and adjacent areas
- Public and business infrastructure and adjacent areas
- Entire city space

- 1. Safety
- 2. Comfort
- 3. Environmental friendliness
- 4. Identity and variety
- 5. Modernity and actuality
- 6. Competence of management

### Estimated

**36 indicators** completely cover all areas and allow for the most profound assessment of the current urban environment

**1 114 cities** index evaluate the quality of the urban environment in all cities in Russia by climate and size

**Modern technologies** all calculations based on geoinformation systems, satellite imagery and federal authorities data

**Budget control** index will allow to annually assess the effectiveness of the budgetary funds use

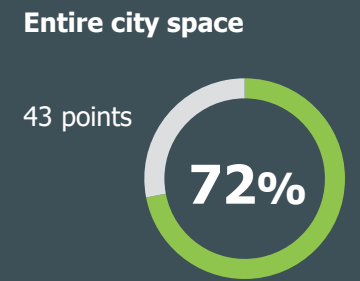
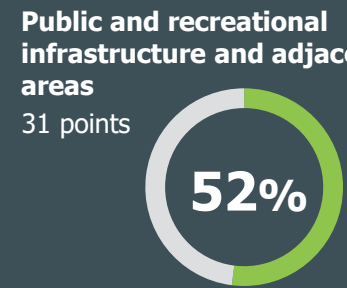
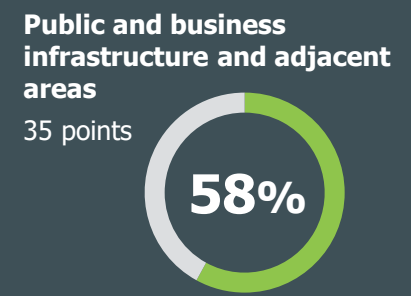
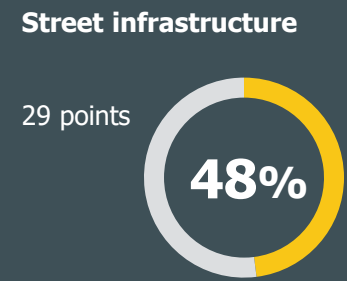
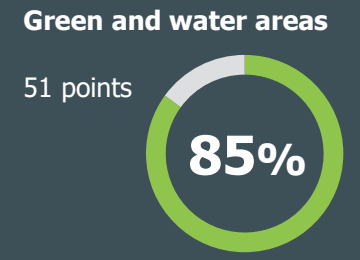
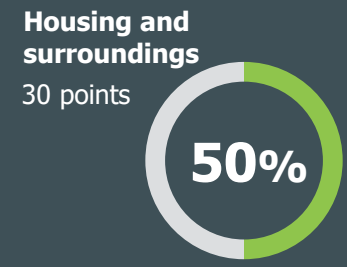
### Index created for the government to:

**+30%** increase average Urban environment quality index for Russia

**x2** reducing number of cities with poor urban environment

### Example

**Sochi – 219 points (61%)**



## 2 Integral Guidelines for Urban Territories

### A modern city should be compact and diverse

- In a modern city, priority is given to walking and public transport
- It is a place where everything is nearby: objects of everyday demand, green areas and recreation places are within walking distance from each house

#### Key focus



Focus on walking and cycling



Development of public transport



Improving quality of landscaping



Absorption of runoff water



#### Main principles



##### Functional diversity

- Formation of mixed-use areas
- Street retail development



##### Density and human scale

- Dense and compact mid-rise development
- Creation of open urban spaces on a human scale



##### Connectivity and ease of movement

- Route diversity
- Comfortable and reliable public transport



##### Health and safety

- Movement safety
- Social control in open spaces



##### Comfortable housing

- High number of shared use areas in residential apartment blocks



##### Flexibility and adaptability

- Flexible land plot functionality
- Adaptable planning solutions for building

Advantages of a compact and diverse city

**Up to 33%**

lower infrastructure costs

**Up to 10%**

higher budget revenues per hectare of efficiently built-up territory

**Up to 2 times**

higher proportion of residents with access to services, leisure and recreation places within a 5-minute walking distance

# 3 National Urban Policy Programme (NUPP)

## Fostering sustainable urban development

Identification and assessment of weaknesses in housing, urban policy, land use and urban governance, and based on this - recommendations on national urban policy considering the best international practices

## Participants

			<p>DOM.RF Russia Housing and Urban Development Corporation</p>	<p>VEB.RF State Development Corporation</p>	<p>Ministry of Economic Development of the Russian Federation</p>	<p>Ministry of Construction of the Russian Federation</p>
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## Key focus areas

- Focus on national policies designed to address urban development and national policies that impact on urban development
- Analyze how national-level interactions may have unintended yet profound impacts on urban development
- Address issues of governance, including fiscal relationships and the various institutional policy tools designed to foster coordination



## Urban green growth policy

Fostering economic growth and development through urban activities that reduce environmental impact



**Thank you for your attention!**

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