



Faculty of Urban
& Regional Development

HSE Faculty of Urban and Regional Development



Faculty of Urban
& Regional Development

Moscow, 2025

I. HSE University | Structure

HSE University — national coordinator within the BRICS Think Tank Council

1

among the **100 best Russian universities** (Forbes) and among the **best universities for graduate employment** in the country (2023)

By 2024, HSE University has more than **60 000 students and postgraduates**, including more than **5 700 international students**. Among the more than **5 000 teachers and researchers**, **70% are scientists** with globally recognized results. HSE has **120 000 graduates** and **95% employability** of graduates.

In numbers:

127

Undergraduate degree programs

188

Master's degree programs

182

Business education courses

48

Full English Courses and more than 2 000 Subjects taught in English as part of the study programs

197

Labs on 5 campuses

119

Research centers and 58 research journals

52

International labs

>180

Socially important projects

>600

Basic research projects and applied projects per year



II. HSE Faculty of Urban and Regional Development | Structure

– an interdisciplinary competence center specializing in solving the full range of urban and regional development issues.

Areas of activity:

Education

Bachelor
Master
Postgraduate studies
Additional professional
education

Projects & Consulting

Science

Grants
Research works (R&D)

Expertise for the authorities

Expertise for the Authorities:

- master planning
- urban planning
- land use
- urban economics
- urban sociology
- urban mobility
- urban data and spatial development
- housing and communal services
- transport planning
- regional planning
- cultural heritage
- housing and social policy
- digitalization and the smart city

II. HSE Faculty of Urban and Regional Development | Structure

Departments of the Faculty:

**Vysokovsky
Graduate School
of Urban Studies
& Planning**

**Institute
for Transport
Economics and
Transport Policy
Studies**

**Institute
for Regional
Studies**

**Center for Social
Research and
Technological
Innovation
(CSRTI)**

**Smart City
Research Center**

**Urban Studies
and Practices
Scientific Journal**

**BRICS+ Cities
Research Center**

**Center for Arctic
and Northern
Urban Studies**

**The Basic
Department Of
The A101 Group
Of Companies**

Faculty in numbers:

>100

experts

>70

lecturers

>600

students

>50

projects (2022-24)

>150

cities within the framework
of project consulting

III. Educational Programs | Education

Basic educational programs:

Bachelor:

Urban Planning

(since 2019)

Educational specializations:

Urban data analytics
Urban project development
Urban project management

Economics and engineering of transport systems

(since 2022)

Master:

Urban Development and Spatial Planning

(since 2011)

Educational specializations :

Urban research and analytics

Urban planning and economics

Regional planning and consulting

Transport planning and management

Digital Urban Analytics

(since B 2023)

Additional professional education:

Postgraduate School
on the problems
of urbanization and urban
planning

**Minor "Introduction
to Urban Studies"**
microdegree online

**Additional professional
education programs**

**HSE Lyceum
(faculty day)**
Grades 10 and 11
of the school

The HSE-RUT 2-degree program

fully online



Faculty of Urban
& Regional Development

III. Educational Programs | Education

Additional professional education programs:

Advanced training:

Regulation of urban development activities in cities

Territorial development management
(a program for regional, municipal and corporate teams)

Preservation and development of cultural heritage sites

Geoinformation methods of urban data analysis

Sustainable development of storm sewers

"Green" standard for residential apartment buildings: methodology and evaluation criteria

together with DOM.RF

Professional retraining:

MPA program "Training of teams managing urban development projects "
(for the WEB.RF with Re-School, Skolkovo, and Strelka)

Research, conservation and sustainable development of the historical environment

together with the Re-School

In numbers:

>1800

graduates have been trained since 2018

8

new programs have been launched since 2018

>1200

listeners from city administrations

III. International English-Language Online Program | Education

Master in Urban Futures

About Program

An international English-language online program that is planned to be implemented jointly with the **South China University of Technology and the University of Hong Kong**.

The program is aimed at adapting graduates of the Faculties of Humanities and Social Sciences to relevant professional trajectories: setting up **critical thinking and building practical skills** to address the urban challenges of the future in rapidly developing regions.

Format, main features

The program consists of **4 modules (3 online + 1 offline)**

Each module is an **independent professional retraining course**.

Volume - **60 ECTS (12 courses + graduation project + career accelerator)**

The tuition fee is from 10 thousand RMB (excluding face-to-face attendance)

The language is **English**

Duration - **1 year**

Target audience, geographical focus

Young professionals from Southeast Asia (Indonesia, Malaysia, Vietnam), BRICS (China, India, Egypt, South Africa), CIS (Russia, Kazakhstan, Uzbekistan, Azerbaijan), Middle East (Turkey, Saudi Arabia, UAE, Iran, Oman) working in the industry, combining work and study;

Graduates in the fields of economics, sociology, geography, architecture, design, anthropology, philosophy, regional studies, linguistics.

Focus and positioning

Integration of disciplines: The program combines integrated analysis, project thinking, development economics and regional studies to prepare specialists for real work in developing cities.

Tools and skills instead of technology: prioritize modern "agile" skills (critical analysis, communication with stakeholders) using AI and digital tools.



III. Areas of project and consulting activities | Planning

Integrated:

1. Master plans and concept of territory development

We develop all types of master plans — local, tourist, strategic, development.

We identify the target audience and its requests, determine the place of the territory in the structure of the city, strengths and weaknesses, risks and opportunities of the project implementation within its borders.

We evaluate the effects of the implementation of projects for residents and the city.

We are working on the economic aspects of project implementation as part of the master plan.

2. Socio-economic development Strategies

We analyze the socio-economic indicators of the territory, determine the potential of the city/region and propose scenarios for its development in certain areas.

We form lists of projects

for the development of the economy, social sphere, and infrastructure, and evaluate the resources needed to implement the Strategy.

We develop action plans and key indicators for the implementation of the Socio-economic development Strategy as well as create roadmaps based on monitoring the implementation of the Strategy.

3. Urban planning documents

We develop various types of documents — rules of land use and development, spatial regulations, projects of protection zones.

We carry out a comprehensive pre-project analysis to substantiate decisions using data.

We work with cultural heritage sites.



III. Areas of project and consulting activities | Planning

Specialized :

4. Spatial analytics

We analyze data of any complexity, evaluate the strengths and weaknesses of a location, and take into account the urban context.

We use data analysis models to determine the best use cases for the territory.

We select locations for the project and evaluate the potential of the territory in terms of infrastructure provision.

5. Sociological analysis

We use sociological and marketing tools to deeply understand the needs of the target audience, create a portrait of users and segment the target audience.

We conduct all types of sociological research, engagement, and organize strategic sessions and project seminars.

6. Infrastructure analytics

We assess the state and risks of housing and communal services development in the territory / city.

We are forming proposals for the development of housing and communal infrastructure and mechanisms for its financing.



III. Areas of project and consulting activities | Transport

Strategic development of the transport infrastructure of the Russian Federation:

Macro-regional level

Preparation of strategic documents on the development of transport infrastructure and elements of transport infrastructure of the Russian Federation

Preparation of regulatory documents on the development of transport infrastructure and elements of transport infrastructure of the Russian Federation

Regional level

Development of the regional standard of transport services (RSTS) in relation to the territory of the subjects of the Russian Federation

Development of a regional integrated transport service plan (RITSP) in relation to the territory of the subjects of the Russian Federation

Preparation of transport planning documents in relation to the territory of the subjects of the Russian Federation, urban agglomerations

Municipal level

Preparation of transport planning documents in relation to the territory of individual municipalities

Preparation of **proposals for optimizing the functioning of transport infrastructure** during major events

Analysis of the **socio-economic and transport efficiency of the proposed measures**, taking into account the prospective demand



III. Areas of project and consulting activities | Transport

Development of transport corridors, improvement of the functioning of the road network:

Macro-regional level

Assessment of the cargo base for transport infrastructure facilities (terminals in seaports, railway sections, transport and logistics centers, etc.) and corridors.

Regional level

Variant modeling of promising measures for the development of the road network

Choosing the most effective set of measures with the elaboration of proposals for optimizing traffic management

Application of **predictive macro modeling**

Using **micromodeling tools**

Municipal level

Formation of proposals for optimizing traffic management for key transport arteries and intersections on the road network of individual municipalities

Formation of proposals for the integration of measures for the development of the road network with proposals for optimizing traffic management

Transport modeling:

Regional level

Development of a **multimodal transport model** for a constituent entity of the Russian Federation

Development of a **multimodal transport model of an urban agglomeration**

Predictive macro modeling over planning horizons

Municipal level

Preparation of a **multimodal transport model for a municipality** of any size and population

Predictive macro modeling over planning horizons

Local transport hubs

Macro modeling applied to the municipal education sector

Micromodeling of a transport hub of any complexity

Predictive macro and micro modeling



III. Areas of project and consulting activities | Transport

Development of public transport in the territory of the Russian Federation:

Macro-regional level

Preparation of **strategic documents**

Rating of Russian cities

on the quality of public transport development

Regional level

Preparation of proposals for the development of public transport at the regional and agglomeration levels

Integration of the prepared set of proposals into strategic and transport planning documents

Own software for conducting field surveys of passenger traffic

Performing surveys of **passenger traffic** and transport infrastructure facilities

Municipal level

Elaboration of measures to **optimize the route network** of public transport

Preparation of measures for the development of public transport

Determination of the effectiveness of the implementation of measures, taking into account the prospective demand for displacement

Industry expertise:

Preparation of **expert opinions and reviews** addressed to executive authorities, industry departments, and regional customers

Preparation of expert opinions for commercial customers



III. Areas of project and consulting activities | Transport

Economic and transport efficiency of the implementation of infrastructure projects:

Concession road projects

Forecast of prospective transport demand on the toll road

Revenue forecast from toll collection

Taking into account the prospective redistribution of transport demand, taking into account the development of the territory, the implementation of measures for the development of transport infrastructure along the planning horizons

Preparation of the financial and economic model of the project implementation

Concession projects for the development of public transport

Forecast of prospective passenger traffic

Revenue forecast from toll collection

Formation of promising scenarios along the planning horizons, taking into account the development of the territory, population growth rates, and the implementation of other infrastructure projects

Preparation of the financial and economic model of the project implementation

Major infrastructure projects

Analysis of the current situation and issues in the area of influence of a promising facility

Formation of forecast scenarios

Forecast of transport demand

Determination of socio-economic and transport efficiency from the project implementation

Preparation of the financial and economic model of the project implementation



IV. Ussuriysk Master Plan | Project Cases

The Key Idea:

The main idea of the implemented master plan is to make Ussuriysk the **leading platform for cooperation** between the Russian Federation and the countries of the Asia-Pacific region. The city district has the potential to become a scientific and innovative agro-industrial center, an international logistics hub and the most comfortable urban district in Primorye.

Project Positioning:

The project was approved by the Governor of Primorsky Krai O.N. Kozhemyako, Assistant to the President of the Russian Federation M.S. Oreshkin, and was presented to the representative of the President of the Russian Federation in the Far Eastern Federal District, Yu.P. Trutnev.

Demonstration materials for the city's team have been prepared and presented at the **VIII Eastern Economic Forum (September 10-13) to the President of the Russian Federation.**

Key Projects within the Master Plan:



Engineering protection against flooding of the city of Ussuriysk by flood waters of rivers



Construction of a multifunctional center for children's and youth initiatives



Modernization of breeding and seed production infrastructure



Creation of an expocenter for the development of international trade

IV. Creative Clusters in 6 Russian Cities | Project Cases

In 2022, concepts and **master plans for creative spaces** were developed for 6 cities in the Belgorod, Arkhangelsk, Lipetsk and Kaluga regions, the Republics of Bashkortostan and Tatarstan.

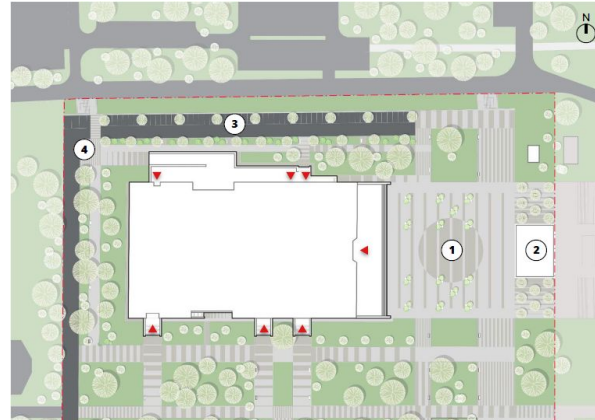
Projects of art clusters and residences, contemporary art centers and galleries, creative neighborhoods and ethno parks have been created for each city, contributing to the creation and promotion of local brands.

Project Positioning:

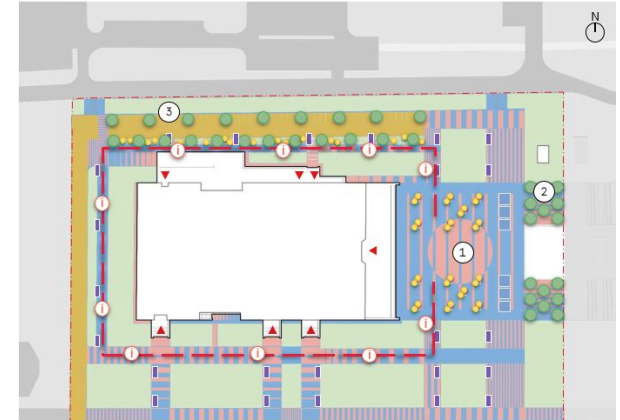
The project was commissioned by the **Ministry of Culture of the Russian Federation** as part of the federal project "Invented in Russia"

Each project was discussed in person with the administrations and representatives of the cities of Arkhangelsk, Obninsk, Almet'yevsk, Durytyuli, Belgorod and Lipetsk.

Developed for Each of the 6 Cities:



Functional zoning of the site, taking into account the planning and transport organization of the project area



Landscape planning structure of the site with the organization of pedestrian connections



Functional and planning solution of the facility

And also:

- **Schematic diagram** of projects and public spaces in sync with the project
- **Financial model**, key financial indicators of projects and proposals on the structure of their financing
- **Roadmaps** for the implementation of project activities have been drawn up



IV. Urban Polycentric Models | Project Cases

An example of a data-analytical research project is **modeling the polycentric spatial structure of an agglomeration**.

The use of polycentric models allows us to identify **local nuclei**, which are characterized by a high concentration of service facilities.

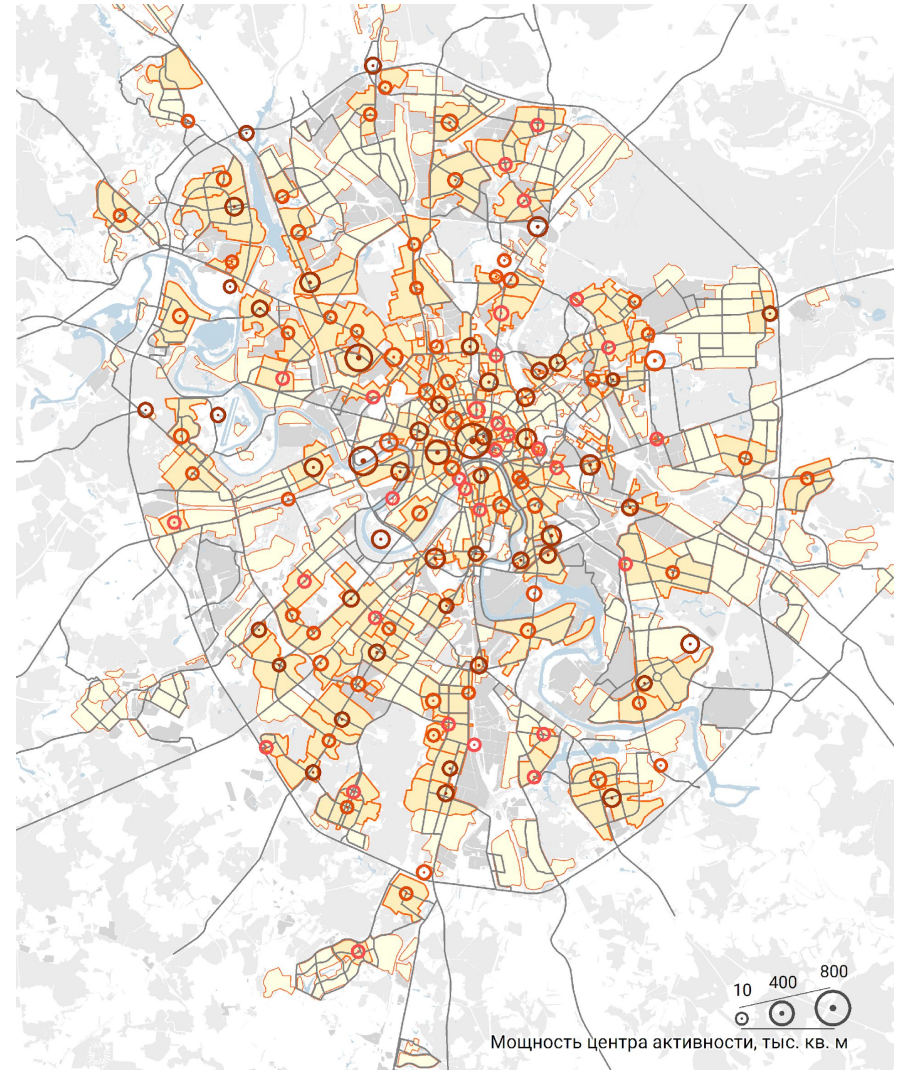
Pedestrian and **traffic flows** in the territory are **structured relative to local nuclei**.

The faculty's team has developed polycentric models for Moscow, Perm, Yekaterinburg, Samara, Kazan, Murmansk, and other cities.

Polycentric models have proven to be a powerful analytical tool for developing and justifying the concept of territory development within the boundaries of an agglomeration.

The initial study on the polycentricity of Moscow was commissioned by the **National Research Institute of Strategic Research and Development (NIPI)** of the General Plan, with Yandex as a partner in the project.

The results of urban polycentricity research have been presented at numerous forums and conferences.



IV. UIEI Rating | Project Cases

The index aims to measure **the level of comfort and innovation** in a city, assessing how well it saves citizens' time and makes their lives more convenient thanks to the development of urban environments and digital services.

To evaluate each city, we use **two sets of parameters**:

- Assessment of spatial development balance
- Assessment of digital urban service development

Our calculations are based on open spatial data, satellite images, and the extensive use of spatial analysis and machine learning techniques.

The index was developed by a **consortium of international research centers** from China, Russia, and India, led by the Guangdong Union for International Scientific and Technical Cooperation with the CIS Countries.

The main annual **UIEI Core Rating** covers the 50 largest global cities. Its **third edition** is scheduled for release in December 2025.

Additionally, in 2025 an **Atlas of Best Practices** for the development of global cities is expected to be published, based on interviews with leading experts from major cities.



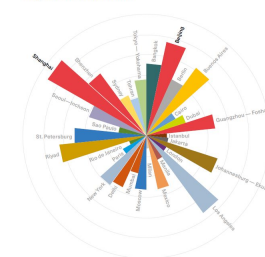
Figure 1a. Final Rating of Agglomerations

Rank	Grade	Agglomeration	Total Score
1	A+	Seoul — Incheon	8.22
2	A+	London	7.88
3	A+	Berlin	7.64
4	A+	Paris	7.23
5	A+	Moscow	7.20
6	A+	Shanghai	6.92
7	A	St. Petersburg	6.88
8	A	New York	6.69
9	A	Beijing	6.67
10	A	Tokyo — Yokohama	6.60
11	A	Milan	6.62
12	A-	Guangzhou — Foshan	6.42
13	A-	Los Angeles	6.28
14	B+	Shenzhen	5.66
15	B+	Buenos Aires	5.61
16	B+	Sydney	5.54
17	B+	Mumbai	5.43
18	B+	Sao Paulo	5.29
19	B	Istanbul	4.85
20	B	Dubai	4.82
21	B	Bangkok	4.74
22	B	Riyadh	4.74
23	B	Rio de Janeiro	4.68
24	B	Mexico	4.60
25	B	Manila	4.47
26	B-	Tehran	4.38
27	B-	Jakarta	4.33
28	B-	Dubai	4.29
29	C	Johannesburg — Ekurhuleni	4.01
30	C	Cairo	3.38

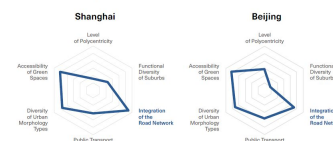
Note: Sum of normalized values is used in Total Score

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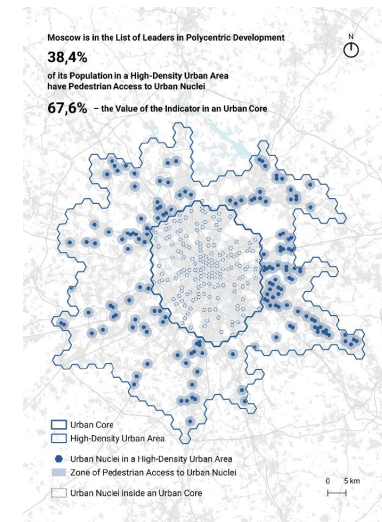
Figure 36. Integration of the Road Network



The leaders in the Integration of the Road Network - Shanghai, Beijing, Los Angeles, Riyadh — are characterized by a regular planning structure.



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V. Portfolio in the field of territorial and strategic planning

Key master plans, socio-economic development strategies:

2025

Development of a concept for the development of the N territory (NDA) in Moscow in order to develop a development project

2023

Development of a master plan for the development of the Ussuriysky urban district of Primorsky Region

2025

Development of a Strategy for the socio-economic development of Barnaul, Altai Krai

2023

Integrated development of the Volga River Basin as a single geostrategic territory of the Great Volga Way

2025

Development of a master plan for the city of Tara, Omsk region

2023

The strategy of socio-economic development of the municipality of Obninsk as a science city of the Russian Federation for 2025-2040

2025

Development of a strategic master plan for the Leninsky Urban District of the Moscow region: preparation of industry sections (economics) and project proposals

2022

Development of master plans for territories of creative spaces (projects) for six Russian cities

2024

Development of a master plan for the development of the city of Novy Urengoy, Yamalo-Nenets Autonomous Okrug

2022

Evaluation of the concept of the interuniversity campus "Bolshaya Ivanovskaya Manufaktur" in terms of attractiveness for potential residents and citizens

2024

Development of sections on strategic and infrastructural development of the Naryn-Mar agglomeration master plan (jointly with DOM.RF)

2022

Far East macro-region master plan: preparation of industry sections (transport and infrastructure sections)

2022

The Big Golden Ring macroregion master plan: preparation of industry sections (audit of cultural heritage sites)



V. Portfolio in the field of territorial and strategic planning

Examples of projects on specific aspects of urban and regional development:

2025

Development of Land use and Zoning for Veliky Novgorod agglomeration

2022

Directions for improving the regulation and control of buildings in the city of Perm

2024

Comprehensive survey of the coverage area and transport accessibility area of Zhukovsky International Airport

2021

The main factors and infrastructure of interaction between the creative industries and the cultural heritage of the Basmanny district

2023

Comprehensive sociological study of key stakeholders of the City-University Veliky Novgorod regional project

2021

Expert support in the areas of spatial development of the 100 largest cities of Russia

2023

Development of an index for assessing the technological and spatial development of world cities

2020

Preparation of proposals on the regulatory regulation of the procedure and timing of work on the removal of engineering networks from the building site

2022

Analysis of the positioning and promotion, spatial development of universities included in the structure of the "World-class Eurasian Scientific and Educational Center" of Bashkiria

2020

Formation of proposals for improving the order of interaction between developers and resource supply organizations in terms of connection to engineering and technical support networks in the city of Moscow



V. Portfolio in the field of expert analytical research

Examples of research in the interests of Moscow:

2023

Moscow housing market: assessment of households' ability to pay for the purchase and rental of housing

2023

The hidden threat and the new hope of renovated neighborhoods: development spaces for the whole family in the context of urban transformation

2023

Increasing the attractiveness of Moscow's peripheral districts

2023

Overcoming spatial imbalances of urban development in Moscow

Examples of research in the interests of other customers:

2025

Research and systematization of the best foreign practices of socio-economic development of small towns in the BRICS countries

2025

A study of community life cycle scenarios in a residential complex in New Moscow

2025

Research and development of a sustainable and long-term economic development model for New Moscow

2025

Urban and regional development management: optimization criteria in modern data-based spatial and transport planning approaches (grant)

2025

Dynamic urbanism: a comparative analysis of cities with rapid population change in Russia and China (grant)



VI. Portfolio | Transport

Examples of R&D for the Russian Federation:

2020-25

The General scheme of development of highways in the Russian Federation and the Concept and strategic development of the Backbone Network of Highways of the Russian Federation in conjunction with the implementation of national projects in the road sector

2024

A study of the socio-economic effects of underfunding the maintenance of highways

2023

Development of the concept of the national program "Socio-economic development of the Volga basin regions as a single geostrategic territory "The Great Volga Way" for the period up to 2030 and for the future up to 2035"

2015,
2021

Marketing research and assessment of socio-economic and budgetary effects from the implementation of the Northern Latitudinal Passage project

Examples of research in the interests of the subjects of the Russian Federation:

2025

Development of a regional standard for transport services for the population of the Lipetsk region, a regional comprehensive plan for transport services for the population of the Lipetsk region

2021

Kamchatka Territory's Air Transportation Development Strategy until 2026

2025

Analysis of the distribution of passenger flows on adjacent interregional routes of regular passenger and baggage transportation by vehicles and urban ground electric transport in Moscow and the Moscow region

2020

Development of a methodology for transport planning documents for the Chelyabinsk agglomeration with an assessment of the economic effect

2023

Development of transport planning documents for the Lipetsk agglomeration

2019

Expert evaluation of the documentation "Development of a comprehensive traffic management scheme for highway networks and a strategy for traffic development in municipalities located within the boundaries of the Ulyanovsk agglomeration for the period up to 2034"



VI. Portfolio | Transport

Examples of work in the interests of individual municipalities:

2024

Updating the Integrated Traffic Management Scheme in the territory of the Dinskoy district municipality

2023

Updating the integrated traffic management scheme, the program for the integrated development of the transport infrastructure of Ufa for the period up to 2042

2022

Development and justification of measures for a comprehensive scheme for the organization of public transport services in the Obninsk city

2021

Development of a comprehensive scheme for the organization of public transport services in Nalchik city district

2020

Updating the program for the integrated development of transport infrastructure and the integrated traffic management scheme within the boundaries of the Lipetsk municipality

2018-20

Development and updating of transport planning documents within the boundaries of Krasnodar municipality

2020

Work on the creation of a project for a single parking space in the Ufa city district of the Republic of Bashkortostan

2018

Development of a program for the integrated development of transport infrastructure and integrated traffic management schemes in the Ufa city District for the period up to 2038

2018

Development of an integrated traffic management scheme, including an integrated scheme for public transport services in Tyumen

2018

Transportation management plan for the preparation and holding of the 2018 FIFA World Cup in the city district "hero city Volgograd", in Kaliningrad



VII. Smart City Research Center Products

1. Conducting an audit of cities and regions' readiness for digital transformation

2. Development of technical and economic grounds for the implementation of Smart City and UrbanTech technologies, assessment of the socio-economic consequences of their implementation

3. Building a metabolic urban model as an integration platform for a "Smart City" (the basis of the "Digital Twin of the City")

4. Development of a concept and strategy for the transition to the "City-as-a-service" paradigm

- The ratings of cities and regions and the assessment of their "digital maturity" are the basic product necessary to increase the authority of the HSE and the Center in the federal agenda on the topic of "Smart Cities", as well as to create groundwork for negotiations with cities and regions.
- The Center's main expert and analytical product, which includes an assessment of the long-term and multiplicative socio-economic consequences of the introduction of Smart City and UrbanTech technologies in specific cities and regions of the Russian Federation, taking into account local specifics.
- The conceptual integration of different types of urban models: transport, housing and communal services, GIS and BIM models based on a single platform (the "Digital Twin of the City") is used for a variety of urban analytics and optimization of urban management processes.
- Combining city services in a single digital citizen platform.



VII. Smart City Research Center Products

5. Development of Comprehensive digitalization programs for cities and regions

- At the moment, the processes of digital technology implementation taking place in a number of cities and regions of the Russian Federation have a large industry unevenness, are characterized by a rather high randomness of the selected technologies, the lack of an integrated approach and serious assessments of the effects of implementation. With the allocation of federal funding for the development of Smart City technologies, there will be a need to create and protect Comprehensive digitalization programs for cities and regions at the federal level.

6. Development of digital urban development documents

- In the medium term, the "Digital twin of the city" may receive the legal status of a Master Plan and other urban planning documents, and transfer the urban development planning process from developing volumes of paper documents to filling the "Digital Twin" with data and processing them within certain protocols.

7. Expert and analytical support of FOI and ROI on the implementation of Smart City technologies

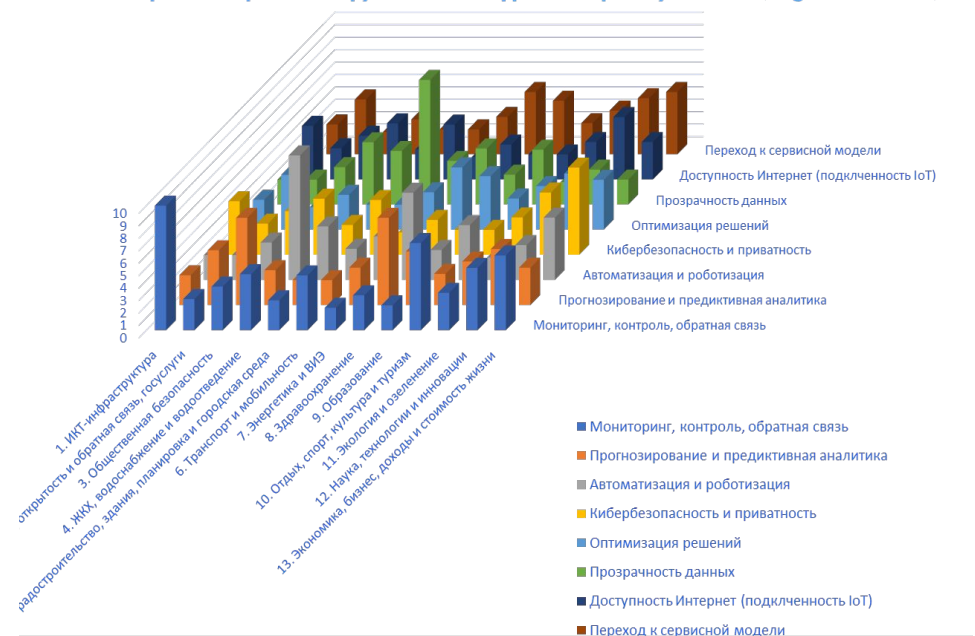
- Providing one-time, periodic, and long-term consultations to federal and regional executive authorities on urban digitalization, based on the Center's competencies.

VII. Flagship product: Strategy session "Business Development in a Smart City 2035"

Consulting: development of a strategy for the company's development in a Smart City in 2035

- Description of the Smart City of 2035 and its technological niches
- Strategic consulting for medium and large businesses: analysis of opportunities and threats, development of new products, optimization of business processes in order to integrate into the Smart City 2035
- Developing a digital transformation plan for the company and creating a digital twin of business processes

Матрица «городские функции – цифровые преимущества (Digital Benefits)»



Consulting:

- Analysis of the company's business processes
- A seminar on the Smart City of 2035 and the identification of relevant technological niches
- Holding a strategic session "Adapting Company X to the reality of the Smart City 2035"
- Analytical report and certificate of the Higher School of Economics

VIII. The Faculty as a center of expertise and a platform for discussions

The Vysokovsky Forum is an annual international event

Main Themes:

- Development and Real-Estate
- Transport Planning
- Spatial Development
- Urban Analytics
- Social Infrastructure
- Urban Economy
- Cultural Potential of Cities
- Regional Studies
- Smart City
- Legal Urban Regulation
- Urban Sociology & Participatory Planning
- Education in Urban Studies

The theme of the last Forum in 2025:

Evidence-based Urbanism: Tools for Professionals

Format: expert and scientific sections

Participants: representatives of the faculty, other departments of the Higher School of Economics, partner universities, federal and regional authorities, development institutes and private companies

Geography of participants: China, Kazakhstan, Belarus, Turkey, Italy, Armenia, Kyrgyzstan, Uzbekistan, Moldova



VIII. The Faculty as a platform for international discussions

2024 The First Russian-Chinese Conference on Urban and Regional Development

Main themes:

- Urban planning system in Russia and China
- Green transformations and the creation of eco-civilizations
- Global cities
- The problems of creating new cities and the frontier development cycle
- Cultural and ecological symbiosis and its impact on the spatial location of settlements
- Urban agglomerations
- Development of green infrastructure and its importance for reducing the burden on sewage

Format: online

Participants:

- Guangdong Union for International Scientific and Technical Cooperation with the CIS Countries
- South China University of Technology
- Tianjin University
- Academy of Social Sciences
- Henan University of Technology
- Asia-Pacific Institute of Innovative Economics and Industrial Research
- Kunshan International Institute of Advanced Technologies "One Belt, One Road"
- Sino-British Research Center for Eco-Cities and Sustainable Development at Cardiff University
- Guangzhou Urban Innovation Institute
- University of Hong Kong
- Dalian University of Technology



IX. International activities

Key Projects and Events:

2025

“Dynamic urbanism: a comparative analysis of cities with rapid population change in the cold regions of Russia and China”, foreign partner - **Tianjin University**. HSE International Academic Cooperation Competition.

2025

“Assessment of the spatial organization of affordable housing in megacities in terms of the ratio of jobs and housing: a comparative analysis of Guangzhou and Moscow”, foreign partner - **South China University of Technology**. Competition of the RNSF and NSFC).

2024

The Faculty participated in the **22nd International Professional Exchange Conference in Shanghai**, organized by the State Administration for Foreign Experts and Shanghai Municipal People's Government.

2024

The Faculty proposed a master plan in the final of the international architectural competition – the **new capital of Mongolia: New Kharkhorum**.

2023

The Faculty of Urban and Regional Development participated in the **Guangzhou Mayor's Global Forum and the Guangzhou Urban Innovation Award event** with a presentation of **UIEI Rating**.

2023

The Faculty of Urban and Regional Development participated in the **BRICS Cloud City Forum** with a presentation of **UIEI Rating**.

2022

The 15th Suzhou International Elite Entrepreneurship Week - Faculty of Urban and Regional Development became a **member of Kunshan International Science and Technology Innovation Association**



IX. International development

Partners All Around the World:

- **China:** Guangdong Union for International Scientific and Technical Cooperation with the CIS Countries, South China University of Technology, Guangzhou Academy of Social Sciences, Hong Kong University, Kunshan International Institute of Advanced Technologies "One Belt, One Road", Southeastern University, Tianjin University, Harbin Institute of Technology, Henan University of Technology.
- **India:** Observer Research Foundation (ORF), Jindal Global University.
- **Kazakhstan:** International Educational Corporation.
- **Belarus:** Brest State University, Belarusian State University.
- **Brazil:** Campinas State University, Federal University of Minas Gerais.
- **Argentina:** Institute of Cities of the Future.
- **South Africa:** University of Stellenbosch, African Union Development Agency, South African Institute for Global Dialogue.
- **UAE:** UAE University, Ajman University, American University of Sharjah.
- **Indonesia:** University of Indonesia.
- **Thailand:** Bangkok Metropolitan Council, Bangkok Metropolitan University, Chiang Mai University.



X. BRICS+ Cities Research Institute (to be launched in 2025)

The BRICS+ Cities Research Institute to be established within the HSE Faculty of Urban and Regional Development, will serve as a scientific and analytical hub dedicated to studying and improving urban and regional development practices in the BRICS+ countries.



The Institute will conduct fundamental and applied research on the challenges of rapid urbanization, sustainable mobility, cultural heritage, and spatial planning across BRICS+ countries.

Main areas of cooperation:

- Comparative urban analysis: research on governance models, housing policy, and innovation ecosystems.
- Joint research and expertise: development of indices, ratings, and urban development benchmarks.
- Education and capacity building: professional development and education programs for urban experts from BRICS+ cities.
- Strategic projects: participation in master planning and pre-project studies with municipal and regional authorities.
- International collaboration: organization of forums, conferences, and expert dialogues among BRICS+ universities, research institutes, and city administrations.

Expected outcome:

A sustainable international research platform linking academia, governance, and practice to shape the next generation of urban development models across the BRICS+ community.

XI. Inclusion of the Faculty in the federal agenda

Participation in the work of federal structures:



**The Ministry
of construction Russian
Federation**



RF Ministry of Transport



RF Government



Federal Road Agency



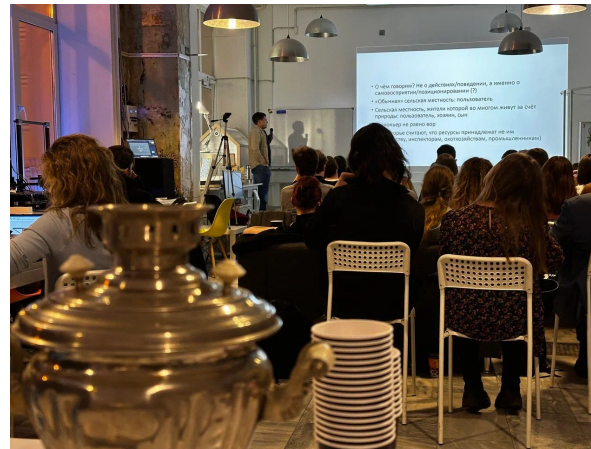
RF State Council

XII. Center for Arctic and Northern Urban Studies

- Implementation of applied **research and projects**, advising authorities and stakeholders on **socio-economic development of Northern, Arctic, Far East cities, monotowns, crisis cities, and new cities** in Russia and friendly countries
- Development of a **theoretical framework for dynamic urbanism**, focusing on comprehensive studies of cities with rapidly changing populations
- **Systematization of scientific views on prospects, challenges, and resilience mechanisms** of Northern, Arctic, and Far East cities amid global challenges
- Analysis of **global urban development experiences during rapid population changes** due to internal (structural economic crises) and external factors; facilitating **international scientific and educational exchange**
- Engagement of HSE students, graduate students, and faculty in research through **field studies, report and publication preparation**, and exposure to teaching and research methods; **specialized intensive workshops** linking urban development with global technological transformation



The scientific and educational group



The Northern Seminar



The Dynamic Urbanism project

XII. Center for Arctic and Northern Urban Studies

Dynamic urbanism: a comparative analysis of cities with rapid population change in the cold regions of Russia and China

The project aims to establish the theoretical foundation and applied principles of dynamic urbanism, a field studying rapid urban changes driven by global technological shifts toward post-industrial development.

Many industrial cities face systemic crises, depopulation, and deteriorating urban environments, while new technopolises focused on advanced technologies are emerging. The project views both phenomena as outcomes of fundamental global changes in technology, economic sectors, and regional hierarchies.

By examining past structural transformations, the project distinguishes general urban transformation patterns from those specific to the current shift toward innovative industries of the sixth technological order.



XIII. Team



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