



## Moscow Expansion, New Federal District, Moscow, Russia

Innovative Design Competition:  
Transforming a European capital city for  
the 21st century



The designs demonstrated a thorough understanding of planning policy issues as well as a precise relationship between the overall conceptual ideas and the proposals for delivering these ideas on the ground.



Alexander Kolontay, Deputy Director, Institute for the Masterplan of Moscow

Twelve million people currently live in Moscow and the population is growing at a rate of 150,000 people per year, primarily through in-migration from the provinces. The absence of planned technical infrastructure and public transport means the expanding population commutes by car to employment centres in Moscow's historic core.

To relieve the severe problems of traffic congestion and urban overload in Moscow's city centre, planners earmarked an area of forests, farmland and poorly-connected settlements for the relocation of Federal Government departments. This expansion, into an area of 155 sq km to the southwest of the city, will double Moscow's footprint.

To find an innovative solution, city planners organised an invited competition in which ten international teams participated in a six month, three stage process to design and plan the city's expansion.

JTP, as a member of the Capital Cities Planning Group, won first prize for the design of the new Federal City, one of three prizes awarded as part of the competition.

#### Project Delivery

- Reconfiguring expansion area to create a new 'City in the Forest' for 1.7 million people, providing 800,000 new jobs focused around the 'Triple Helix of Government, Education and Business':
- An integrated, properly-planned urban hierarchy served by transit-orientated movement systems that encourage travel on an enhanced rail, metro and tram network. Systems include a new high-speed rail network connecting the new expansion area with Moscow's historic core, its three international airports, St Petersburg and other major cities.
- A new city comprising four connected, but distinct, mixed-use sub-cities:
  - 1) *Federal City*, including the Federal District, a new financial centre and university district form the anchor for the new expansion area.
  - 2) *Innovation City* aligned with Moscow's aspiration to re-skill its workforce to embrace the knowledge economy.
  - 3) *Logistics City* with Vnukovo, Moscow's 3rd international airport, as the nucleus.
  - 4) *Science City* created through expansion of existing R&D facilities in nearby Troitsk.
- Enhancement of the area's natural system of waterways, lakes and forests as the foundation for a green infrastructure network to support the development of the new, zero-carbon city.
- Showcasing a range of urban regeneration strategies to re-balance 'Old Moscow' to be developed in parallel with the plans for 'New Moscow'.

#### Client

Genplan, Institute for the Masterplan of Moscow

