

## LafargeHolcim provides construction solutions for Russia's football stadiums

LafargeHolcim contributed to the construction and reconstruction of key infrastructure projects in Russia including eight of the twelve stadiums that will be used for the football tournament.

The Group's cement plants in Shurovo, Ferzikovo and Volsk and aggregate quarries in Karelia Republic all played a vital role in providing construction materials for stadiums such as Moscow's flagship Luzhniki Stadium, which will host seven matches including the opening game between Russia and Saudi Arabia as well as the final.

In particular, for the flagship Luzhniki Stadium, following a four-year renovation program completed at the end of 2017 and a capacity expansion to 80,000, LafargeHolcim Russia provided specialized cement according to the project and technical requirements: high compressive strength and reduced hydration heat to avoid cracks and increase durability of construction.

The project called for an uninterrupted supply of cement, additional quality control and technical support in the composition of ready-mix concrete. The volume of cement supplied was more than 20 000 tons for more than 60 000 m<sup>3</sup> of concrete works. Most of construction elements were produced from this concrete: foundation elements, plates with a thickness of 600 mm, berms, stiffeners, columns, stands, jet piles 20 mx 600 mm.

In addition to the sporting venues, LafargeHolcim provided a wide range of construction materials (cement and aggregates) for infrastructure projects, including airports, roads, tunnels and bridges, built to support the world's most viewed sports event.

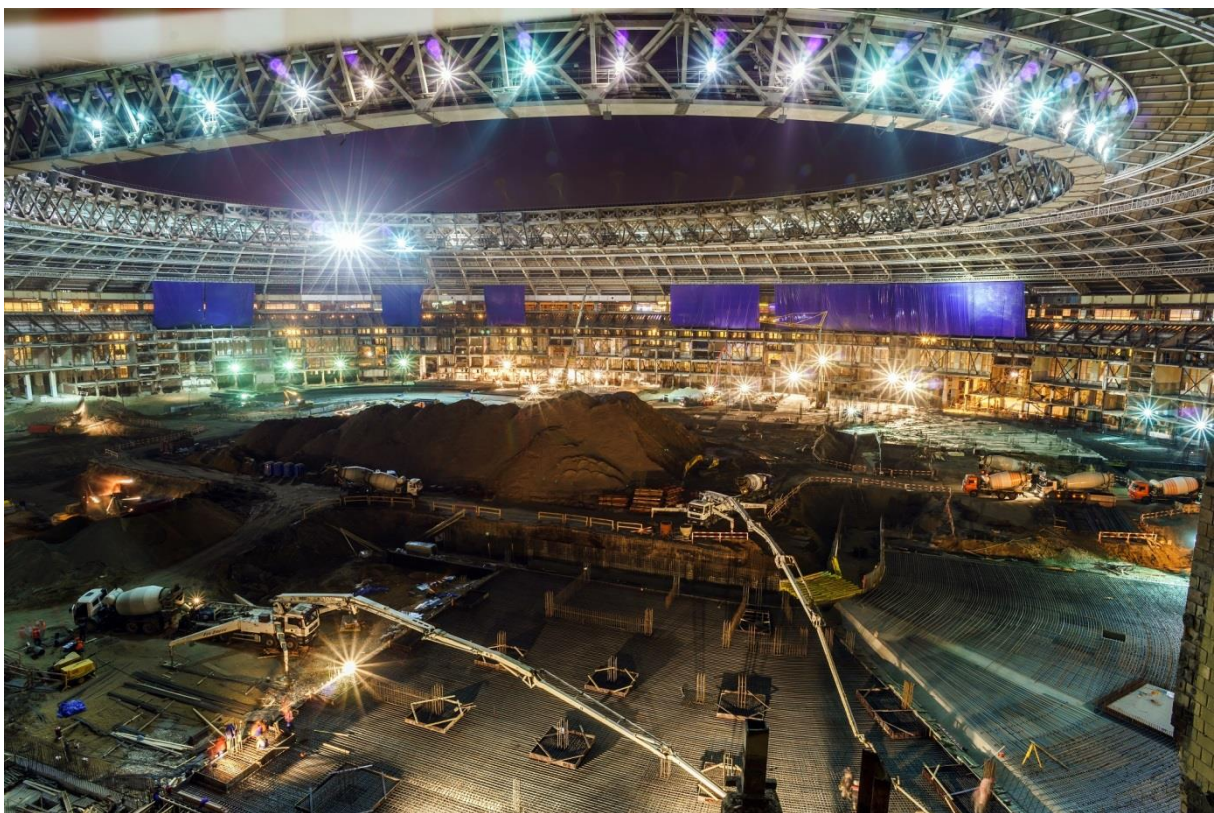
Marcel Cobuz, Regional Head Europe and member of the Group Executive Committee: "Large infrastructure projects built to tight deadlines for such events are always a major challenge. As the leading global construction materials company, LafargeHolcim was able to meet these needs through our large network of cement plants and aggregate quarries across Russia that allowed a constant, high volume uninterrupted supply of highest quality cement to all construction projects. We are delighted and proud to be a preferred partner for such prestigious projects, in Russia and across Europe, capitalizing on our global know-how."

The main venues built using the Group's products are:

- Luzhniki Stadium (Moscow) - The stadium will host seven tournament matches including the opening match and final
- Kazan Arena (Kazan) - The stadium will host six games

- Ekaterinburg Arena (Ekaterinburg) - The stadium will host four group-stage matches
- Nizhny Novgorod Arena (Nizhny Novgorod) - The stadium is hosting six matches
- Volgograd Arena (Volgograd) - Four matches will be played at the Volgograd Arena
- Samara Arena (Samara) - Six matches to be held at the Samara Arena
- Rostov Arena (Rostov-on-Don) - Four group-stage matches and Round-of-16 tie to be held at Rostov Arena

Picture: Luzhniki Stadium (Moscow)



## About LafargeHolcim

LafargeHolcim is the leading global building materials and solutions company serving masons, builders, architects and engineers all over the world. Group operations produce cement, aggregates and ready-mix concrete which are used in building projects ranging from affordable housing and small, local projects to the biggest, most technically and architecturally challenging infrastructure projects. As urbanization increasingly impacts people and the planet, the Group provides innovative products and building solutions with a clear commitment to social and environmental sustainability. With leading positions in all regions, LafargeHolcim employs approximately 80,000 employees in around 80 countries and has a portfolio that is equally balanced between developing and mature markets.

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