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Mega Construction Projects: Top ten largest construction projects in planning and execution

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Abstracts

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SUMMARY

Globally, confidence in the construction sector does not appear to be diminished by a slightly more turbulent economic context in 2018 than previously years, and some extremely large and costly projects are being delivered and planned for at present. Of note is that many of the biggest projects are occurring in developed countries, with cities such as London, Paris and Moscow featuring heavily in the list of biggest global projects.

The future pipeline for global construction looks healthy and despite incoming economic issues such as Brexit and US-China trade wars, analysts are buoyant about the prospects for the industry.

KEY HIGHLIGHTS

The Tel Aviv Light Rail System is a huge construction infrastructure project underway in Tel Aviv, Israel. Effectively the project is using a combination of different rapid transportation systems including over ground and underground light rail routes and joining bus networks with the aim of creating a complete mass transit system for the city using a number of transport methods.

The A101 development is a plan to boost and regenerate an area of New Moscow in the South of the city. The scheme involves building a huge array of

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housing, schools, infrastructure and commercial zones to rejuvenate the area and provide modern accessible housing with good transport links. Moscow has a large number of construction projects in the pipeline and whilst the Russia World Cup of 2018 contributed a great deal to its total construction projects, the city still has a great deal yet to come.

The Zayed Mixed-Use development site is further evidence of the emirate's ambitions to be one of the world's most prominent cities. This development aims to further increase the residential capacity and build an all-inclusive area that can handle the majority of residents' needs in a single area. This kind of development is hoped to work towards solving some of the city's challenges such as its rapidly growing population, expensive and unstable rent prices and concerning environmental issues caused by too much traffic.

SCOPE

Examine the largest construction projects in the world

See how these projects are progressing and if they might complete or start on time

Discover the major trends in mega construction projects

See what projects are soon to finish and what are yet to come

REASONS TO BUY

What are the top five projects in the execution phase?

What are the top five projects in the planning phase?

What are the key trends amoung these projects?

Are these projects facing any major problems?

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Old Oak Common Regeneration Project is enormously complex
Dubai Al Maktoum International Airport project is rumored to be having problems
Paris Zac Bercy Charenton aims to regenerate an industrial area
North-East Link road is the most favored Melbourne road solution at present
Sydney Harbor Tunnel & Beaches link should improve traffic flow in the city
Birmingham Airport Expansion project is part of a wider infrastructure plan
Chengdu Healthcare Park may be the first of many in China
Projects are focused on residential, but the future is infrastructure
The top five projects in the execution stage come from Tel Aviv, Moscow, Abu Dhabi, London and Dubai
The top five projects in the planning stage come from Paris, Melbourne, Sydney, Birmingham and Chengdu
Housing for now and infrastructure for later
Tel Aviv Light Rail System is the largest global project being executed at present
Tel Aviv Light Rail Project is expected to cost $71-77bn
Three routes have been approved and are in construction and a fourth is expected to be added, with multiple tenders to become available
Work on Green and Purple lines was expected to start in 2018, but critics don’t think that is likely
Problems with the project have been significant, residents’ concerns dismissed
Moscow A101 is a huge redevelopment project in the south of the city
Moscow A101 is worth $60bn in total and aims to redevelop a substantial part of the city
The project has changed hands and expanded with GK Salmar now owning the development
Moscow is receiving significant investment attention
Abu Dhabi Zayed Mixed-Use Development dealing with rapid population growth
Zayed City Development is a vast project for residential and commercial sectors
Rapid growth is proving to be problematic for many in Abu Dhabi
Old Oak Common Regeneration Project is enormously complex
The UK has been a heavy spender on infrastructure projects in recent years and Old Oak Common aims to capitalize on this
Structural box over cross rail and HS2 site will undoubtedly have time and fiscal problems

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Old Oak Common will become an extremely busy transport hub
Dubai Al Maktoum International Airport project is rumoured to be having problems
Al Maktoum is to be implemented in two phases and will be the largest airport in the world
Rumors of project halting appear to be unjustified, but there may be some changes
Paris Zac Bercy Charenton aims to regenerate an industrial area
Estimated start date for Paris Zac Bercy Charenton is early 2019
Paris Zac Bercy Charenton plans to be home to 15,000 Parisians
The project has been passed by the Paris city council but only narrowly
North-East Link road is the most favored Melborne road solution at present
The expected start date for the project is Q3 2020
The Melbourne North East Link road is aimed at alleviating congestion
Politicians have been fighting over various road plans in the region for years
Sydney Harbour Tunnel & Beaches link should improve traffic flow in the city
The expected start date for the project is Q3 2020
Sydney is looking to construct a road tunnel to help move traffic faster around the city
Congestion around Sydney is severe and this project aims to relieve this
Birmingham Airport Expansion project
The expected start date for the project is Q3 2025
Birmingham Airport expansion aims to alleviate London traffic and link to HS2
Governmental level disagreements have taken place over the project
Chengdu Healthcare Park may be the first of many in China
The expected start date for the project is Q1 2020
The healthcare park is going to hold multiple hospitals in one location
Chengdu Healthcare Park is an ambition of Wanda Group
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