

# URBANISATION

## Overview



The primary driver for our fund is demographic: the rapid increases over the next two decades in population and urbanisation, particularly in the developing world where there is a real rural to urban migration. Currently 3.2 billion people live in cities and this set to increase 5.0 billion by 2030. Currently there are 37 megacities with populations of 10 million or more in which 700 million people live. These realities have direct impact on two inescapable needs: water and energy. We can use both more efficiently, intelligently and imaginatively.

## SMART INFRASTRUCTURE

The city has always been a living entity. New technologies are evolving that will allow the cities to be managed in far more efficient manner in terms of their consumption of resources. Within our fund we have an immense focus on the application of sensors and the flow of this information through networks to actual data centers. The creation and manipulation of this collected information is allowing us to build SMART cities whose infrastructure is optimized to the citizens and the environment's needs. SMART infrastructure is not just limited to power grids. It is also relevant in all aspects of life within a city from traffic flow to waste management to emission management on a macro level to smart cars and route optimisation at the personal level.

## PORTFOLIO INDUSTRIES

Though urbanisation is about the use of energy and water resources and the management of their waste there are key technologies that are relevant to it:

- SMART cities
- SMART grids
- Internet of things
- Building technologies
- Urban transportation
- Lighting
- Organic food

Our approach takes into consideration the whole value chain and the manufacture of specialist components.



50 Cannon Street  
London, EC4N 6JJ  
+44 20 3008 2530  
[www.finexlondon.com](http://www.finexlondon.com)