



WHAT'S HAPPENING UNDERNEATH LONDON?

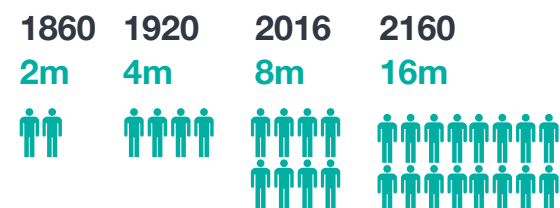
The Problem

Built by Sir Joseph Bazalgette in the 1860s, the Victorian sewers still form the backbone of London's sewerage system today.

Although Bazalgette designed for future in mind—engineering his system to serve four million—today the sewers are struggling to serve a capital city with more than eight million people; a figure that continues to rise.



In Sir Joseph Balazgette's day there were only 2 Million people living in London



The Solution

Tideway are building the Thames Tideway Tunnel, a major new sewer urgently needed to stop millions of tonnes of sewage overflowing into the River Thames. The tunnel follows the route of the River Thames, connecting the combined sewer overflows along the river bank.



WATCH TUNNELS BEING BUILT IN 3D!

The tunnel is made using a tunnel boring machine, which bores into the earth underground.

Using the **Tunnelworks AR app**, point your camera at the tunnel boring machine below and watch it come to life.

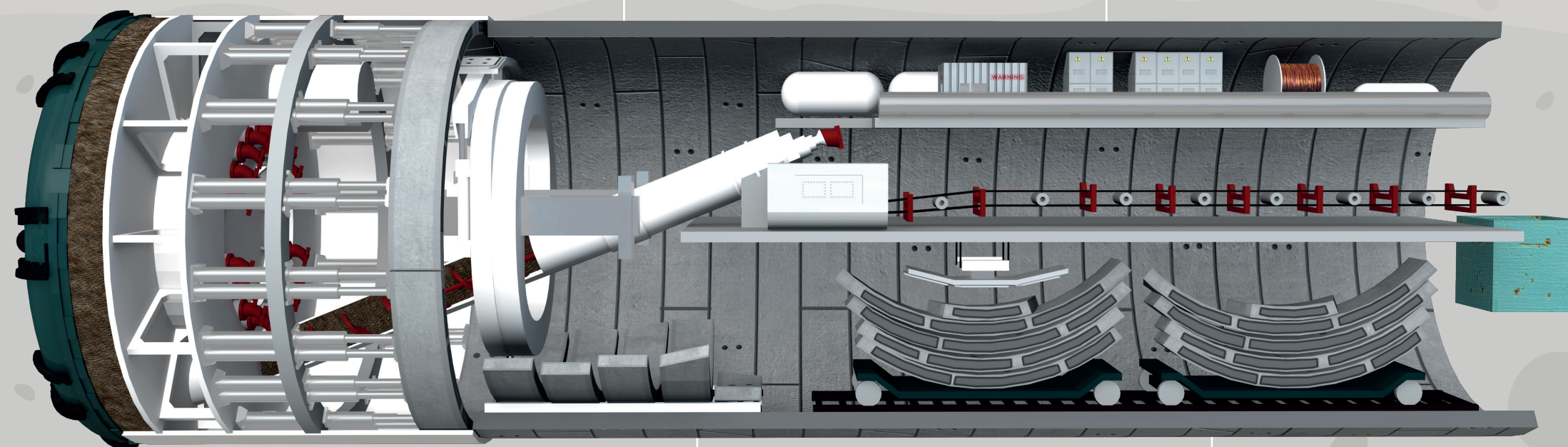
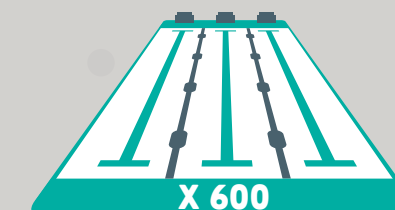


25km long

Driving through the tunnel from Acton in west London to Abbey Mills in the east would take a car travelling at 40mph nearly half an hour.

Olympic capacity

When completed, the Thames Tideway Tunnel and the Lee Tunnel combined will have a storage capacity of 1.6m cubic metres. That's the equivalent of 600 Olympic-size swimming pools!



A lasting legacy

The Thames Tideway Tunnel will not only improve the environment, ecology, public health, appearance, reputation and long-term economy of London, but also give a much-needed and immediate boost to the economy by offering many thousands of skilled jobs and hundreds of apprenticeships.



7.2m wide

The tunnel will be the width of an average UK single-carriage road or 3 double decker buses side by side.

Up to 65m deep

That's almost double the minimum height of a 'high-rise' building.

