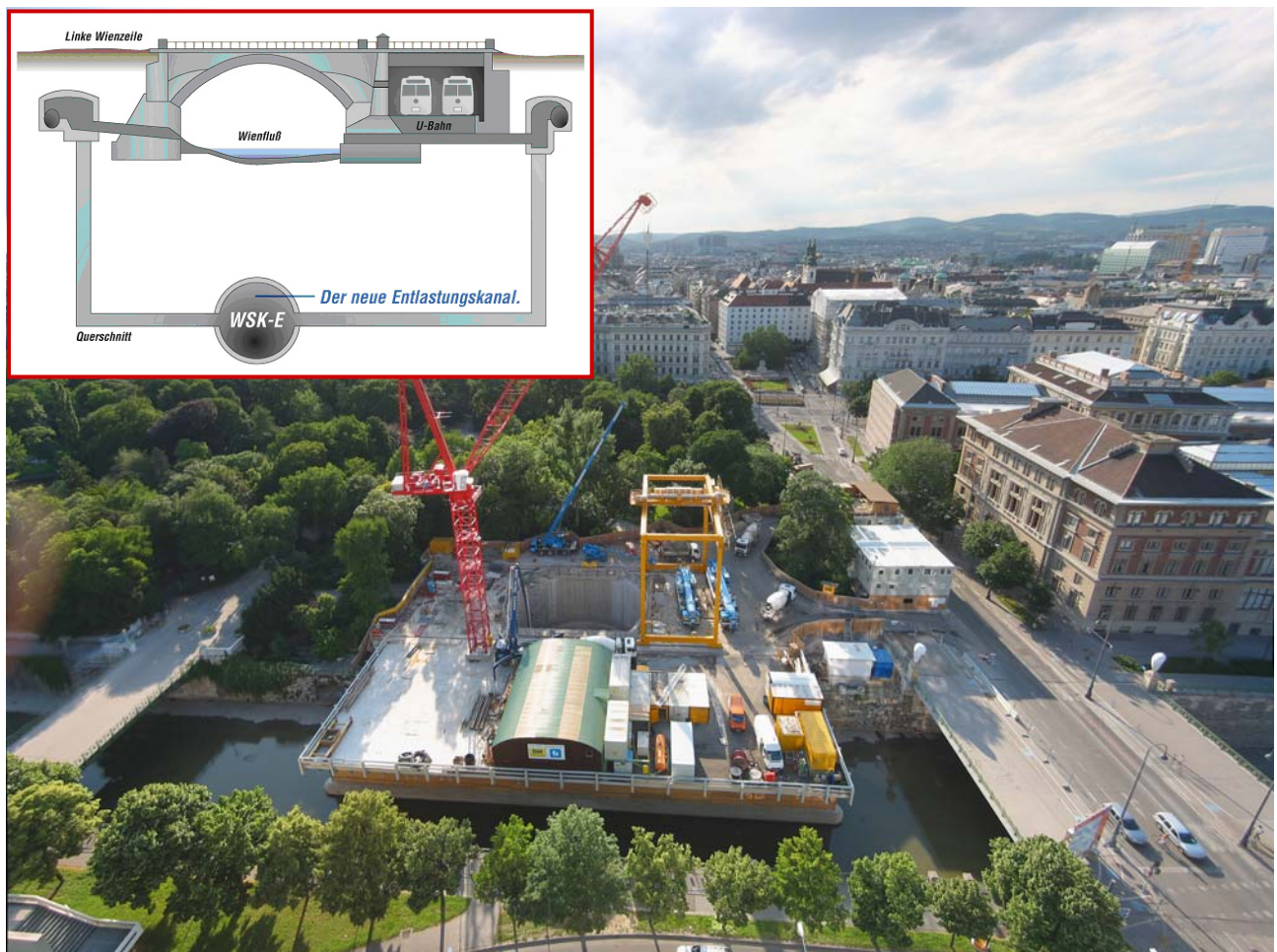


<b>Project</b>	<b>Wiental Sewer Collector Sewer Tunnel Construction Lot 02+03 (WSK-E)</b>
<b>Client</b>	Municipality of Vienna - MA 30
<b>Consulting Services</b>	2003-2006 construction supervision, coordination of time schedule and construction site, cost control
<b>Total Cost</b>	US \$ 124.5 million
<b>Technical Data</b>	sewer tunnel length: 2,595 m, diameter 8.6 m 2 shafts (diameter 22 m; 30 m and 40 m deep), 6 diversion shafts



<b>Description</b>	<p>This new sewer collector is located in the city of Vienna and connects 2 lateral sewers 20 m under the river "Wienfluss". The tunnel with a quantity of 175 m<sup>3</sup>/sec. discharges waste water to the sewage plant and protects the river against contamination, especially during heavy rainfall.</p> <p>Geologically the tunnel is located in young tertiary. The subsoil profile can be described from top to bottom as: Top soil, fill material, gravels of the "Wienfluss", young tertiary sediments (silts, sands). An EPB-shield is used for construction.</p>
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