



First planned curved Microtunnel in North Africa: Construction of connector sewer for future Sidi Bernoussi water treatment plant. VMT provides navigation system SLS-Microtunnelling LT for long and curved drives.

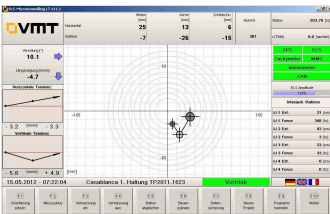
Casablanca, Morocco Sewer Casablanca East

Project Start	2011	
Contractor	Joint Venture DENYS - Capep	
		Navigate Tunnelling
Navigation System	SLS-Microtunnelling LT	
Machine Type	Herrenknecht / AVN Machine	
Tunnel Diameter	2,50m	
Tunnel Length	5.400m (Length of all 6 drives)	
		Monitor Process
Monitoring System	- Recording of Interjack Stations	
		Service Precision
Service	- TBM Survey in Factory - Alignment Calculation - Survey Net Measurement - Control Measurements	

TBM in the Factory



Display of TBM Position in VMT Navigation System



Control Measurement

