



The Nordhavnsvej project is the biggest road construction project in Copenhagen for the past 50 years. To get knowledge about surface movements and possible damages on existing buildings during the construction works, a sophisticated monitoring system was developed.

Copenhagen, Denmark Nordhavnsvej Road Construction

Project Start	2011	
Contractor	Phil & Son A.S / Züblin AG	
Information System		Manage Information
	- IRIS.geomonitoring	
Monitoring Systems		Monitor Process
	- Geodetic Monitoring System: up to 9 Tachymeters, approx. 200 monitoring Software TUNIS Deformation Monitoring	
	- Geotechnical Sensor System: Inclinometer probe measurements in ~ 15 boreholes Data acquisition of approx. 60 load cells, 100 strain gauges	
Service		Service Precision
	- Installation - Commissioning - Maintenance	

Nordhavnsvej



Installation of total station



Measured points with Monitoring Report

