

# Copenhagen Metro

## Description of the assignment

The Danish Technological Institute (DTI) has a contract with Copenhagen Metro Team, the Contractor of the second stage of the Copenhagen Metro. The contract started in 2011 and runs to 2014. The Concrete Centre at DTI is assisting the Contractor with consultancy and testing in order to meet the concrete specifications for the project.

The Copenhagen Metro stage 2 is one of the largest infrastructure constructions in Denmark and consists of 21 stations and 15 km of drilled tunnel.

## The Task

DTI provides the following services within the contract:

- Pretesting of the concrete used for the metro
- Full scale trial castings, planning and execution and documentation
- Nondestructive testing of the constructions on site in order to meet the requirements
- Laboratory testing of concrete properties on samples from the new-built structure
- Calculations of temperature and stress of the structures in the early age stage
- Assistance to the Contractor in change requests for the Owner

## Contact Person

Team Manager, Claus Pade, [cpa@dti.dk](mailto:cpa@dti.dk), +45 7220 2183

**Customer:** Copenhagen Metro Team

**Place:** Bored tunnel under Copenhagen

**Size of the project:** 15.5 km tunnel

**Sum of the assignment:** > 10 mio DKK

**Contract period:** 2011-2014

