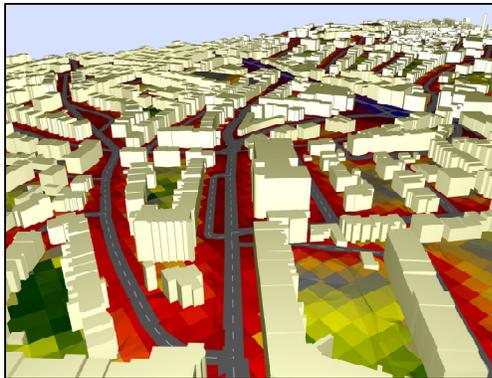


Dublin LUAS Line BX-D Tramline Extension



ACCON UK Limited were awarded a major commission by the Rail Procurement Agency in Ireland to provide the noise, vibration and air quality input for the proposed BX-D Luas tram line in Dublin. The proposed line would run from St Stephen's Green through Dublin City Centre and out to Broombridge.



This was a major project commission for ACCON UK to deliver the noise, vibration and air quality assessments and associated chapters for the Environmental Statement. We have been able to utilise the extensive knowledge of the whole project team and in this respect our main project partners, ARM Acoustics, added a great deal of strength to the capability of the team. The project included extensive noise and air quality modelling for both road traffic and rail utilising CadnaA software. The software allowed us to run the noise and air pollution concentration modelling within the same model. In this respect we provided major efficiencies on modelling side and also tested the impacts of various intervention strategies in a timely and cost efficient manner. The project deliverables included a wide ranging and detailed noise and vibration monitoring study.



The study required a number of stakeholder meetings with Dublin City Council and local liaisons with the community.

As part of the commission we liaised extensively with the transportation consultants and carried out a review of the transportation assessment and traffic modelling in order to derive appropriate inputs for our noise and air quality models.

A detailed assessment of the noise and air quality impacts of the construction activities was carried out including recommendations for mitigation measures.

Our involvement in the project will culminate with Graham Parry (ACCON Managing Director) providing evidence at Oral Hearing.