

Press release: Leeds Flood Alleviation Scheme wins large project of the year at NEC Awards

Phase 1 of the Leeds Flood Alleviation Scheme has scooped the Large Project of the Year award at this year's NEC awards in London.

The awards were announced at a recent NEC Users' Group Annual Seminar.

The driving force behind the award winning scheme is a dedicated project team made up of experts from Leeds City Council, Environment Agency, BMMjv (a joint venture between BAM Nuttall and Mott MacDonald) and ARUP.

Phase 1 of the Leeds Flood Alleviation Scheme is one of the largest river flood defence projects in the country. Led by Leeds City Council in partnership with the Environment Agency, it aims to provide an increased level of protection against flooding from the River Aire and Hol Beck for 3,500 residential properties and businesses in the city centre. The scheme also includes flood risk reduction at Woodlesford.

One of the key aspects of the scheme is the replacement of Victorian weirs at Crown Point and Knostrop in the city, with innovative moveable weirs, which are being used for the first time as a flood defence in the UK. The new moveable weirs can be lowered in flood conditions to reduce river levels and the threat of flooding. The use of this technology has meant lower flood defence walls elsewhere in the city, to help preserve connectivity with the waterfront.

The floods experienced in December 2015 reinforced just how important this scheme is for the city of Leeds. Widespread flooding from some of the highest river levels ever recorded affected more than 2,000 residential properties and nearly 600 businesses.

The scheme was recognised for its 'one team' ethos with members of all partner organisations working side by side on a daily basis. This collaborative approach between client, contractor and consultant puts the project at the forefront of contract management, resulting in a project which is on programme and within budget despite being affected by some of the worst flooding Leeds has experienced.

The NEC Awards recognise excellence in project delivery and showcase examples of good practice through collaboration from across the world.

The site works for Phase 1 of the Leeds Flood Alleviation scheme started in January 2015 and are scheduled to be completed this September.

The project team is currently working on options for Phase 2 of the scheme, which will adopt a catchment-wide approach meaning the entire River Aire catchment area will be considered to help reduce flood risk in Leeds.

Consultation on potential options is due to be carried out from September.