

## BEST PRACTICE

LOCATION: Quarry  
ACTIVITY: Pedestrian and transport safety on-site  
SUB ACTIVITY: No Sub Activity Available  
BEST PRACTICE No: BP2136  
COUNTRY OF ORIGIN:

ARTICLE YEAR: 2022  
COMPANY: CEMEX UK  
COMPANY LOCATION: Dove Holes Quarry  
COMPANY TEL: 0000

### TITLE

Drone safety system

### ARTICLE

#### FINALIST

Historically, obtaining technical safety information regarding geotechnical features for any site involved geologists, surveyors, a lot of processing time and consequently, delayed reporting. This could lead to information being out of date or features having been removed by the time it was available. On large sites this work could involve a permanent team manually measuring the features. During this process they could be working in areas adjacent to the traffic routes being used.

Surveying has moved on as technology has developed and more commonly drones are now being used particularly when the site covers a large area. CEMEX has explored using software to significantly enhance the way in which data can be processed and be used to provide key H&S information quickly, removing the need to manually survey the more temporary features such as edge protection and rock fall traps. The system has been developed so an in-house drone pilot can survey the entire site from a position of safety without being at risk from site traffic.

Please watch video of the data being produced by the system and see additional pdf

### ARTICLE IMAGES