**FPS/EFFC Low Carbon Equipment Webinar- Q&A**

|  |
| --- |
| **Question regarding Oslo Project: Did you do all the drilling with the Liebherr Unplugged, incl oscillator and rock-footing?**  All drilling was done with the LB30; For the longer piles the oscillator with external power pack was used in addition to get the casing down. |
| **Did you find that the electric piling rigs were similar to conventional rigs in regards to the rig loadings and the working platform design?**  Yes, the LB30 unplugged is similar to the diesel driven machine. For both sites the working platform was "not an issue" since there was about 3-4m with  compacted filling before starting the works. The electric LB30 is identical to the diesel driven machine. |
| **Does Keller Norway achieve the same utilisation of the electric rig that would be expected with a diesel machine? What happens on project sites**  **without a grid connection?**  Since bored and secant piles are not a common product in Norway, a full utilization of the rig is hard to achieve. Regarding sites with poor or no  grid connection, large sized power packs are used, acting as a power buffer. |