



## Press Release:

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# Carbon Calculator Makes Environmental Impact Easy Maths for Piling Companies

The Federation of Piling Specialists (FPS), is promoting the availability of an innovative **Carbon Calculator**, developed by the Deep Foundations Institute (DFI) and the European Federation of Foundation Contractors (EFFC), and is a tool that allows the CO<sub>2</sub> emissions of foundation and geotechnical works to be evaluated.

The **Carbon Calculator**, which can be accessed and downloaded at [www.geotechnicalcarboncalculator.com](http://www.geotechnicalcarboncalculator.com) uses verifiable, standardised data that allows the accurate benchmarking of competing project proposals, as well as allowing contractors and clients to evaluate different competing technical approaches on their environmental impact with respect to CO<sub>2</sub> emissions. It will also allow real-time evaluation of a project's emissions, throughout its development, to ensure it is performing as originally predicted.

Speaking about the **Carbon Calculator**, Anthony Fisher, Project Manager, Specialist Ground Treatment, Cementation Skanska, and member of the expert working group providing industry knowledge to the Carbon Calculator project on behalf of the FPS, said: "The environment and climate change affects us all and that includes piling and geotechnical contractors, as they form a significant part of the construction sector. Clients are increasingly demanding verifiable CO<sub>2</sub> data, to evaluate the environmental impact of a proposed project and are using this data to actively differentiate competing methods and organisations".

Fisher continued "The **Carbon Calculator** also makes foundation contractors aware of the environmental impact of their activities and will help them to continuously refine methods to make them as CO<sub>2</sub> efficient as possible."

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The FPS, in particular, Martin Stanley, Tony Suckling and Anthony Fisher, together with many other organisations in the piling and foundations sector, collaborated with the DFI and EFFF on the **Carbon Calculator**, providing data and funding to help realise the project.

For more information about the **Carbon Calculator** contact the FPS website [[www.fps.org.uk](http://www.fps.org.uk)] or visit [www.geotechnicalcalculator.com](http://www.geotechnicalcalculator.com).

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### **Notes to Editor:**

Established in 1964, the Federation of Piling Specialists (FPS) has proactively worked with its members to drive up standards within the industry. From a handful of members back in the days when rotary techniques were coming into use and crane-mounted and hydraulic equipment was in its infancy, the FPS has moved on now represents some of the leading geotechnical specialists in the construction sector.

Its independent auditing process, which all prospective members need to go through ensures the highest standards are met, and this audit is repeated every three years to ensure standards are maintained and improved upon continually, including, more recently, a sustainability score.

The FPS works closely with its members on establishing standards and providing guidance across all geotechnical areas as well as on wider construction related issues such as Building Information Modelling (BIM).

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