

In Attendance:

Ebenezer Adenmosun	Geo Firma Consultants
Zoe Baldwin	Skanska
Jonathon Ball	Roger Bullivant
Chris Beynon	Keltbray
Andrew Bond	Past Chairman
Devji Bhuva	GSS Piling
Paul Chadwick	Foundation Piling
Michael Chalkley	Balfour Beatty
Sebastian Draghici	Central Piling
Martyn Ellis	Socotec
Owen Francis	BAM Ritchies
David Hard	Bachy Soletanche
James Hayward	Pile Design
Andrew Heathcote	Keller
Kayvan Kiany	Rock & Alluvium
Andy Martin	Foundation Piling
Chris Oram	Franki Foundations
Mark Pennington	Balfour Beatty
David Preece	Expanded
Simon Shaw	Van Elle
Benjamin Thomas	Vibro Menard

Present:

Kathryn de Rochefort	FPS Secretariate
Ciaran Jennings	FPS Secretary

Owner	Actions	Deadline
C Oram	To send Jon the document about testing delays.	3rd June
M Pennington C Jennings	<ol style="list-style-type: none"> 1. Mark P to send Ciaran the list of companies involved in the projects as part of HS2. 2. Ciaran to contact the MDs of each company about digitalisation. 	3rd June Next Meeting
K de Rochefort	To send a link to the group for the EFFC Carbon Reduction Guide.	ASAP
C Jennings	To circulate the CLC document to the group.	Next Meeting
A Bond	To circulate the Eurocode final draft, once available.	Ongoing
D Hard C Jennings	<ol style="list-style-type: none"> 1. David to send Ciaran the contact information for BSI to Ciaran. 2. Ciaran to contact the BSI. 	3rd June
ALL	To contact Ciaran with any suggestions or amendments to the EFFC Carbon Calculator.	Next Meeting
C Jennings D Bhuva J Ball	<ol style="list-style-type: none"> 1. To circulate the current audit changes for comment. 2. To discuss at the next audit group meeting. 	Next Meeting
J Ball	To circulate the link to the Tenser Load testing document.	3rd June

C Jennings	To send Andrew Bond a copy of the draft guide on Energy Piles from the DFI.	Next Meeting
C Beynon	To create a starting point around backfilling pile boars.	Next Meeting

No.	Minutes	
1.	<p>Apologies for Absence</p> <p>David Roy (Keltbray), Lewis Yates (Van Elle), Ash Rogers (Aarsleff), Mick Gavins (Atkins), Christopher Cox (Atkins), Andrew Bell (Skanska) and Neil Stone (Rock and Alluvium).</p>	
2.	<p>Minutes of the Meeting held on Thursday 24th February 2022</p> <p>The minutes of the previous meeting have been approved.</p>	
3.	<p>Matters Arising:</p> <p>1. Testing Update (delays over Christmas)</p> <p>It was noted that a survey is planned for testing houses in relation to the long lead in times Members have been experiencing in relation to testing. Chris O reported that he just had two questions, why it happened and what we can do to change this, Chris O will send responses to Jon for review.</p> <p>Martyn questioned [as a testing house] what the issue was, Chris explained that there were extreme waiting times for static load testing around Christmas of 2021. Jon added that we were looking for a way to improve the issue and work out the reason for the delay.</p> <p>Martyn stated that it is more about booking in advance, Chris highlighted that they were booking for January in November and lead times were still over a month.</p> <p>Mark P queried if this has improved now that the issue with COVID has reduced, the group stated that it had improved. Martyn added that there is only a finite number of resources and increased demand may therefore have also caused delays.</p>	C Oram
4.	<p>Quarterly Update</p> <p>Ciaran reported that John Chick is now the new Chair of the FPS and during the meeting he outlined his three main priorities, continuing the good work that has already been enacted, pushing for sustainability by design and promoting geotechnical careers.</p> <p>Chris O added that he plead for having 'new blood' within geotechnical designers in the industry and what we should do about capturing young talent, stating that there is a general lack of knowledge about geotechnical companies and the career path generally.</p> <p>Chris O also highlight that we could look at addressing untapped resources within different ethnic minorities, women etc that are currently under-represented within the construction industry at large. Ciaran reported that we have a scheme that Steve Hadley created called the Ground Forum Mentoring Programme (GFMP), that looks at mentoring people from all walks of life into coming into the industry, which we can get more involved with.</p>	

	<p>Ebenezer added that there is a lot of work happening with the ECG group to go into Universities and suggested that Chris may wish to get involved and continued that if anyone had any university contacts, Julia Hill would appreciate the help.</p> <p>Ciaran added that there was approval to run an ECG Careers fair around the country, probably on university campuses in the first instance.</p> <p>Mark P highlighted that a lot of graduates get thrown out on to site rather than getting the chance to sit in the office and work on designs and experience this aspect of the process, this is something we have been pushing within Balfour Beatty to change.</p> <p>Chris highlighted that we need to address the way the subject is taught, Jon suggested that the way to do this is to use things like the ECG university fairs to engage with this issue.</p>	
5.	<p>Common platform for sharing of site data (presentation)</p> <p>Dimitrios Selematis was unable to join us, but has said he is willing to present at the next meeting.</p>	
6.	<p>Report from the DFI/EFFC Conference</p> <ul style="list-style-type: none"> • Digital workshop <p>Mark P reported that the DFI/EFFC conference had taken place last week and there were several sessions around digitisation. The main point that came up was standardising how we use and share data. There were presentations from both America and Europe, no one had a clear answer but there was a consensus that we can use the AGS format.</p> <p>Mark also indicated that we need to reinvigorate the importance of digitalisation and resurrect the Digital TG that previously produced the FPS's guidance.</p> <p>Jon added that he has had discussion with Julian from AGS and they are keen to cooperate with us on this topic. Julian also mentioned that there is an initiative from HS2 to use the AGS Geotechnical Data format.</p> <p>Mark P highlighted that he is aware of this but there has been a lack of money and commitment from joint ventures with projects such as S1, S2, C1, C2 and C3.</p> <p>Ciaran offered to speak to the MD's, Mark P stated that Balfour Beatty, Bachy Soletanche, Keller, Cementation and Bauer are all on the projects but added that he will need to find out who is on S1 and S2.</p> <ul style="list-style-type: none"> • Other sessions of interest <p>Ciaran report that the DFI Europe Sustainability group has joined the EFFC sustainability group in order to tackle the subject jointly, the trade-off was that the EFFC will join their digitalisation group that is being run by Jason Body.</p> <p>The EFFC also launched their Carbon Reduction Guide. Carbon reduction is now being driven by legislative changes and is likely to become a significant part of all members businesses operational and design considerations. The guide is available on the EFFC website. The DFI will be feeding into the guide at a later date. Kathryn will send a link to the group for the guide.</p>	<p>C Jennings M Pennington</p> <p>K de Rochefort</p>

	<p>David H raised concerns about John Chick’s email and felt that it was one if not two steps away from the design process on a day-to-day basis. There are wider issues and there needs to be a more holistic approach to factors of safety. David added that B526 met last week and there was an outstanding actions to find people to contribute to the national annex in the next few months, which will come through the BSI.</p> <p>Ciaran will contact the BSI; David will send Ciaran the contact information.</p> <ul style="list-style-type: none"> • EFFC Carbon Calculator use & development <p>Ciaran reported that the carbon calculator was originally developed between the EFFC and the DFI in 2013. We are now looking to update the emissions factors databases that sit behind the spreadsheet ahead of a much bigger redevelopment next year.</p> <p>If anyone has any suggestions of what they would like to have changed about the calculator, then contact Ciaran with suggestions.</p>	<p>D Hard C Jennings</p> <p>ALL</p>
<p>9.</p>	<p>Action Derivation document</p> <p>This will be covered another time.</p>	
<p>10.</p>	<p>CIRIA Piling Guide – Update</p> <p>Zoe Baldwin reported that it is moving very slowly but it has been divided up and each member has been given their section.</p>	
<p>11.</p>	<p>Task Groups</p> <ul style="list-style-type: none"> • Sonic Logging TG <p>Jon reported that he has approached Toby Hayward from Expanded, Ciaran added that he is willing to participate with he group but suggested that an associate member may be more appropriate.</p> <p>Ciaran highlight to Martyn that the reason for the group being created is due to loss of fingers, hand injuries etc and abnormalities caused by the testing, Martyn stated that from a testing house prospective, the test is to find major flaws within the piles, abnormalities do not mean that the pile can not be used. Ciaran stated that there are still extreme health and safety concerns to be considered, which is the consideration that is driving the thinking within the Quarterly committee.</p> <p>Jon suggested that it might be helpful to have a consultant in the group to broker both sides of the argument. Martyn volunteered to join the group as a testing house representative.</p> <ul style="list-style-type: none"> • Digital TG <p>Covered previously under the DFI/EFFC conference.</p>	

	<ul style="list-style-type: none"> • Sustainability by Design TG (covered above) <p>Covered previously.</p> <ul style="list-style-type: none"> • Audit TG <p>Ciaran reported that the group have not met again recently. The last point was to look at the Technical aspect of the audit and quantify quality.</p> <p>More members would be appreciated, we have contact Julia Hill about ECG participating but we have not had any response.</p> <p>Jon suggested we can summarise and circulated the contentious points for comment, Ciaran, Jon and Devji will meet to discuss.</p>	<p>C Jennings D Bhuva J Ball</p>
12.	<p>Execution Codes</p> <p>David reported that he will be traveling to Helsinki, and we be able to provide more of an update when he returns.</p> <p>Jon B highlighted that the Tenser Load Testing document has been released for comment, Jon B will circulate to the group.</p> <p>Jon also stated that the ‘yellow book’ has been published by the AGS, we have our own annex in the back of the book.</p>	<p>J Ball</p>
13.	<p>Any Other Business</p> <p>Andrew B added that an annex to Eurocode 7 about energy piles has been put through very last minute and he will update this group later if this comes to fruition. The group added that this would be an important piece to go through given the governments future requirements for energy piles.</p> <p>Ciaran will circulate the draft guide on energy piles form the DFI to Andrew for context.</p> <p>Jon B reported that he has been contact by David Corke, we will invite him to the next meeting to present on platforms. Andrew H added that Jim is looking for more site and more data, if anyone can provide anything it would be appreciated.</p> <p>Dominico attend the next meeting to present.</p> <p>Devji has contacted Julia about using the ECG to produce refraction of walls, no update yet, Devji will update when he has more information.</p> <p>Chris O reported that he met with Michael Wildmoore from Hanson, discussing low carbon cement, and offered for Hanson to present on LCC and mixes.</p> <p>Chris O also reported that he will be BETA testing Tenser Interax program and will feedback to the group.</p> <p>Chris B Keltbray incident one of the contributing factors was the way the pile bores were backfilled, if anyone has any guidance to share of backfilling pile boars and there is limited documentation on this matter. It might be something for this group to look at in future meetings. Jon agreed that we should look at this issue as a committee. Chris B will circulate a starting point.</p>	<p>C Jennings</p> <p>C Beynon</p>
	<p>2022 Meetings (10am – 12pm):</p> <ul style="list-style-type: none"> • Wednesday 7th September 2022 	

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| | <ul style="list-style-type: none">• Thursday 3rd November 2022 | |
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