

Date: Wednesday 29th September 2021

Attendees: James Cadman (Action Sustainability), Imogen Player (Action Sustainability), Chris Matthew (Flannery Plant Hire), Mark Anderson (GAP Group), Wayne Bond (Highways England), Gary Davidge (Hercules), Nikolaos Sapounas (Osborne), Alana Paterson (Nationwide Platforms), Luca Mee (HW Martin), Alexander Herridge (Welsh Water), Maria Jarosz (Network Rail), Chapman (Advante), Simon Beckett (Nationwide Platforms), Toni Pratt (Environment Agency), David Mallon (MHM Group), Carl Hassell (NOCN), Chris Carter-Rowlands (NOCN), Chris Gill (Lynch), Gary Barnes (Costain), Ian Watt (Scottish Water), Joanne Lee (Welfare Hire), John leader (IDE Systems), Joshua Taylor (Selwood), Mark Lawton (Skanska), Peter Beech (Genquip), Richard Rowell (Prorail Services), Sarah MacGregor (Sunbelt Rentals), Gary Todd (Bam), Gemma Tovey (Lovell), Pete Thomas (Environment Agency), Amanda Maloney (Prorail Services), Melissa Wellings (Network Rail).

Summary of Actions and Notes from the Plant Category Group Meeting

| Plant Category Group – Introductions and outstanding actions | | |
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| No | Action/Notes | Owner |
| 1 | Welcome and Intros | |
| 2 | <p>Reminder of key resources (you need to have a School account to access them)</p> <ul style="list-style-type: none"> • Air Quality – Sustainability Short • Air Quality for plant and equipment – e-learning • Sourcing sustainable plant for your construction projects – e-learning • Clean air zone/low emissions zone map • The Emissions Compliance Verification Scheme – What is CESAR ECV? - Video | |
| 3 | <p>Update on the Charter and new Signatories</p> <p>There are now 21 signatories now, as Kier and CHC have joined as the Charter’s newest signatories.</p> <p>PR and comms have gone out to promote the joining of the two new signatories, however feedback was received that the reach was not as far as expected. For future comms, the School will investigate how to make it reach further, including linking up with Partner’s so that they can post on their own platforms.</p> <p>Proposed minimum standards update:</p> <p>Based on the draft proposals presented at the last meeting, Partner representatives indicated they were happy with the direction of the updates to the minimum standards. This ties in with Construction Leadership Council’s target to reduce 78% of diesel use by 2035. Further feedback was taken during today’s meeting and the minimum standards have now been updated to reflect the small changes. The approach taken is to push everyone up from the bottom, rather than pulling only the best up at the top.</p> <p>Discussion within the group indicated that having distinct percentages e.g. ≥5% of fleet purchases are hybrid or zero emission, was difficult as it was achievable</p> | <p>James to share the updated minimum standards with the group</p> |

for some organisations and in some plant categories, but very difficult for others and can be highly variable depending on client requirements and demand. Therefore, it was decided that the percentage requirement would be removed and instead replaced with a purchase and investment aspiration and assessed as part of an investment cycle. The updated minimum standards are shared in presentation format alongside these minutes.

It should be noted that at this stage the Market Potential column, (right-most) is only an indication of potential and doesn't need to be aligned against.

One output from the discussion was that there is a gap between the availability and technology of electric plant and machinery and hybrid examples being less available. This is specifically seen in the example that 8-13t medium plant hybrid aren't available to buy in 2021/2022. The smallest hybrid for excavators is around 20 tonne – but OEMs have stopped working on this to instead focus on electric, and the biggest electric excavator is 3.7 tonnes. Therefore, we should reflect back on this in 2022 and update the minimum standards again to incorporate this.

Josh Taylor confirmed that pumps don't fall into generators as the variable speed is out of range, so technically 5% would be easily achievable as easier to do electric stationary.

There was a query around the EPC rating C for Generators, and how it reflects the design requirements and location. It was decided that this would be updated

The group voted on their approval of the updates to the minimum standards. 22 organisations voted, of which 15 approved and 7 abstained.

The group were then also asked whether they would adopt the updated minimum standards, of which 20 organisations voted – 9 confirmed 'yes' and 11 voted 'still to decide'.

James to updated the criteria during the call, including 5% figure and the EPC rating to reflect the new requirements in the minimum standards

4 Reviewing and voting on the Charter

During the last meeting, the group discussed how to evidence adherence to the Charter. The detail of how to adhere to the Charter can be found in the supplementary presentation, including detail on the four sections: minimum standards; engagement; awareness and education; innovation. It was suggested that reference be added on 'Where' the Charter is applicable to, e.g. geography. It was discussed and agreed that geographical variations in deploying plant will largely be dealt with by applying the Charter to the whole Signatory company across a year, rather than to a specific client site, location or period of time.

The group confirmed that when submitting data, they would ideally like to only provide the data once and share it with their clients (the School will maintain confidentiality where needed), rather than collecting the data from lots of different suppliers and having to report multiple times.

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| | <p>It was also discussed and agreed to allow three, rather than two months for existing Signatories to collate data between 1st November 2021 and 4th February 2022.</p> <p>The group voted on their approval of the updates to the Charter. 17 organisations voted, of which 14 confirmed that they approve the process, and 3 organisations abstained.</p> <p>The group then voted on whether they would either maintain or become a signatory to the Charter. 17 organisations voted, of which 11 confirmed that they would maintain/become a signatory, and 6 confirmed that they were still to decide.</p> <p>As both the Minimum Standards and the Charter were approved, the Minimum Standards will come into effect on 1st November 2021 and existing signatories to the Charter will have until 4th February 2022 to provide information for the preceding 12 months using the new, updated minimum standards, to reconfirm their pledge.</p> | |
| <p>5</p> | <p>Future activities</p> <p>At a previous meeting, the group ranked the list of potential activities that the group should undertake. Those that the group will focus on are:</p> <ul style="list-style-type: none"> • Attending events and trade shows • Developing a video/sustainability short on how to operate a site’s plant usage efficiently from start to end • Developing a calculator to compare plant options on capex, opex, reduced GHG, etc • Developing a roadmap for the future of low emissions plant; engage universities etc. <p>Trade shows – the school will be attending the following:</p> <ol style="list-style-type: none"> 1. National Highways Plant Innovation Day – 12th October 2. Construction Plant-hire Association Conference – 14th October 3. CAT Command & Technology Days – 12th November 4. CEA TechWorx – 30th-21st March 2022 <p>Others that the School should know about:</p> <ul style="list-style-type: none"> • Executive Hire Show 9th -10th February 2022 https://www.executivehireshow.co.uk/ • Rail Live 22nd-23rd June 2022, Long Marston Rail Innovation Centre, Warwickshire https://www.raillive.org.uk/ • Hillhead – 21st -23rd June 2022 https://www.hillhead.com/ | |
| <p>6</p> | <p>Discussion on detail for future activities</p> <p>The group broke into four sub-groups to brainstorm and discuss the scope, content, audience and learning outcome requirements for the three other future activities:</p> | |

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| | <ul style="list-style-type: none"> • Sustainability short video • Calculator • Roadmap <p>The outputs of the exercise can be found in the supplementary PDF. These outputs will now be taken away and developed by the School to develop and deliver content. Further discussions to confirm on the resources produced will also be had with the Plant Group at the next meeting.</p> | |
| 7 | AOB <ul style="list-style-type: none"> • The School is running a Lunch & Learn session on HVO on 9th November – register here | |
| 8 | Next Meeting <ul style="list-style-type: none"> • Tuesday 30th November, 2pm, Flannery, Wembley, London | |

Appendix



