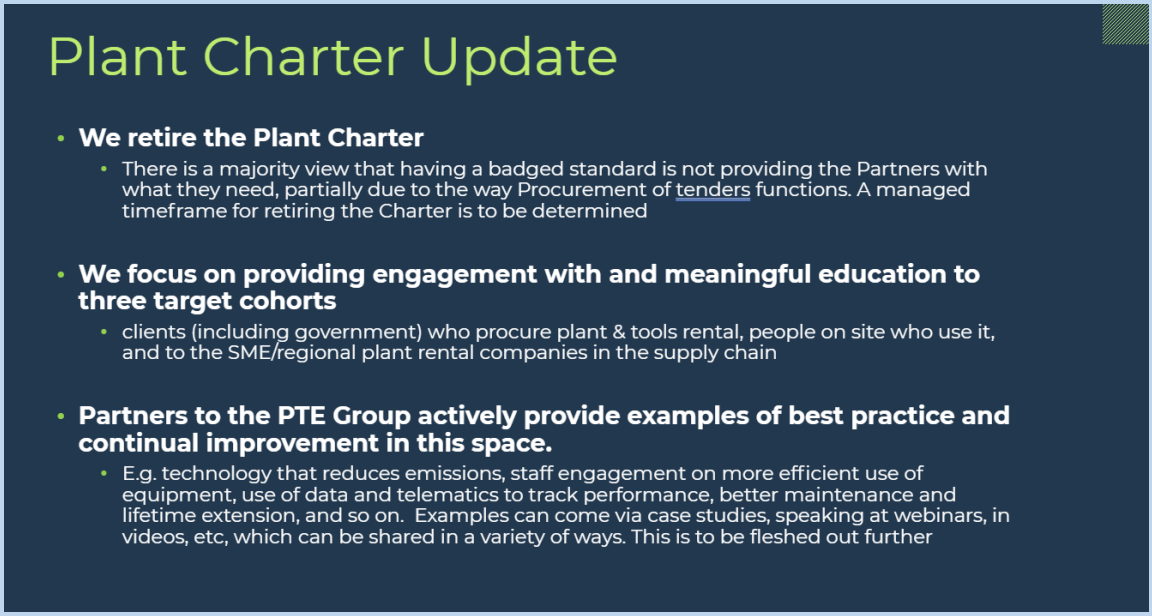
Date: Tuesday 10th December 2024

Attendees: James Cadman (Action Sustainability); Sam Walker (Action Sustainability); Lynne Good (Action Sustainability); Will Glover (Action Sustainability); Andrea Davidson (HS2); Andrea Macchia (GAP Group); Andy Byatt (Flannery); Basith Basheer (MCLH); Ben Rowe (Volker Wessels); Alexia Cammack (WSP); Chris Matthew (Plantforce); Dan Evans (Careys); Edward Tainsh (Colas Rail); Jonathan Fielding (Environment Agency); Garry Baynham (Plantforce); Gavin Allan (Robertsons); Ian Watt (Scottish Water); Jackie Cuthbert (Sunbelt Rentals); James Bellinger (ARUP); James Kearsey (Boss Cabins); Jigar Dhabalia (Workdry); Joshua Taylor (Selwood); Kim Watson (M O'Brien); Mark Lawton (Skanska); Hannah Livermore (Environment Agency); Nikolaos Sapounas (Octavius); Rachael Blackwell (Wessex Archaeology); Robert Lockwood (SCS); Shital Shirsat Rohekar (HS2); Steve Postlehwaite (Costain).

Summary of Actions and Notes from the Plant Category Group Meeting

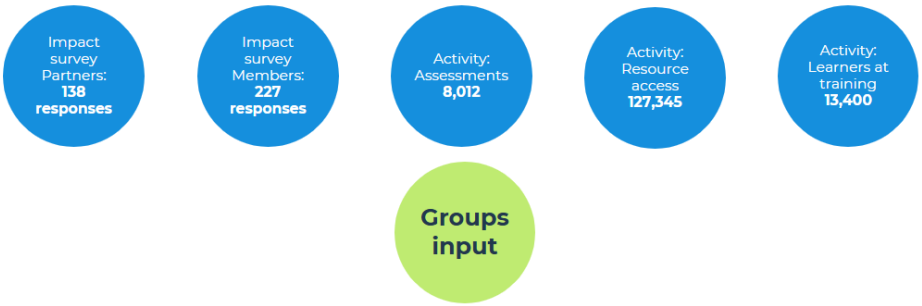
Plant Category Group – Introductions and outstanding actions		
No	**Action/Notes**	**Owner**
1	**Welcome and Introductions** **Focus of Meeting:** - Business Planning 2024/2025	
2	**Plant Group Updates** **The Plant Charter** Following several discussions that took place separate to the Plant Leadership Group, updates will be made to the Plant Charter, including retiring the Plant Charter in its current form. Changes include:  Following the announcement of these changes a discussion was had and Partners reflected their views. **Discussion are still ongoing on next steps and what form the Plant Charter could take.**	

3 **Business Planning for 2024/2025 FY**

The majority of the session focused on business planning for the FY 2024/2025. This included a review of data from the most recently Impact Survey measuring the impact the Supply Chain Sustainability School has had. A summary of this can be seen below:

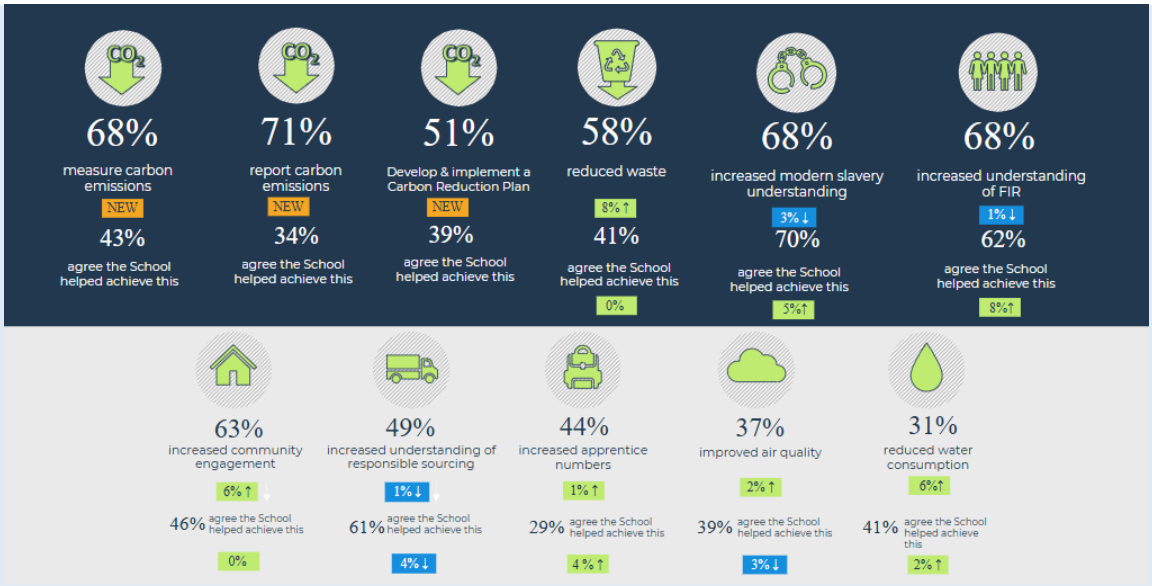
Data Sources used to Inform Business Planning
A new process for 2025/26

The Impact survey and learning activity provides a rich data set that has helped inform the business planning process. This gives a better understanding of what members & Partners want as well as understanding what learning they are currently undertaking. The sources of data are:



Content – Sustainability Priorities ranked
25/26 vs 24/25

Year	Member/ Partner	#1	#2	#3	#4	#5
25/26	Partners (unprompted question – challenges)	Carbon	Waste/ Circular Economy	People & Skills	Reporting	Procurement/ Costs
25/26	Partners (more of this please)	Circular Economy	Sustainable Procurement	Energy & Carbon	Supply Chain Resilience	Social Value
25/26	Members (more of this please)	Energy & Carbon	Environmental Management	Sustainability Strategy	Sustainable Procurement	Supply Chain Resilience
24/25	Partners (unprompted question – challenges)	Carbon & Net zero	Waste & Circular Economy	People & Skills	Business Case for Sustainability	Biodiversity & Nature
24/25	Partners (more of this please)	Circular Economy	Biodiversity	Sustainable Procurement	Energy & Carbon	Social Value & Supply Chain Resilience (joint)
24/25	Members (more of this please)	Energy & Carbon	Sustainability Strategy	Environmental Management	Sustainable Procurement	Supply Chain Resilience



The group was then split into 3 smaller groups to cover three questions which formed the focus of the session:

- **Question 1:** Discuss the key sustainability challenges that we have as a sector. Then choose 2 or 3 key challenges that the School can address through knowledge and collaboration.

- **Question 2:** Consider the balance of training and content and the format that it comes in. Agree as a group which activities you need to do more, the same or less.

- **Question 3:** What are the key activities that the School can undertake to tackle your identified challenges?

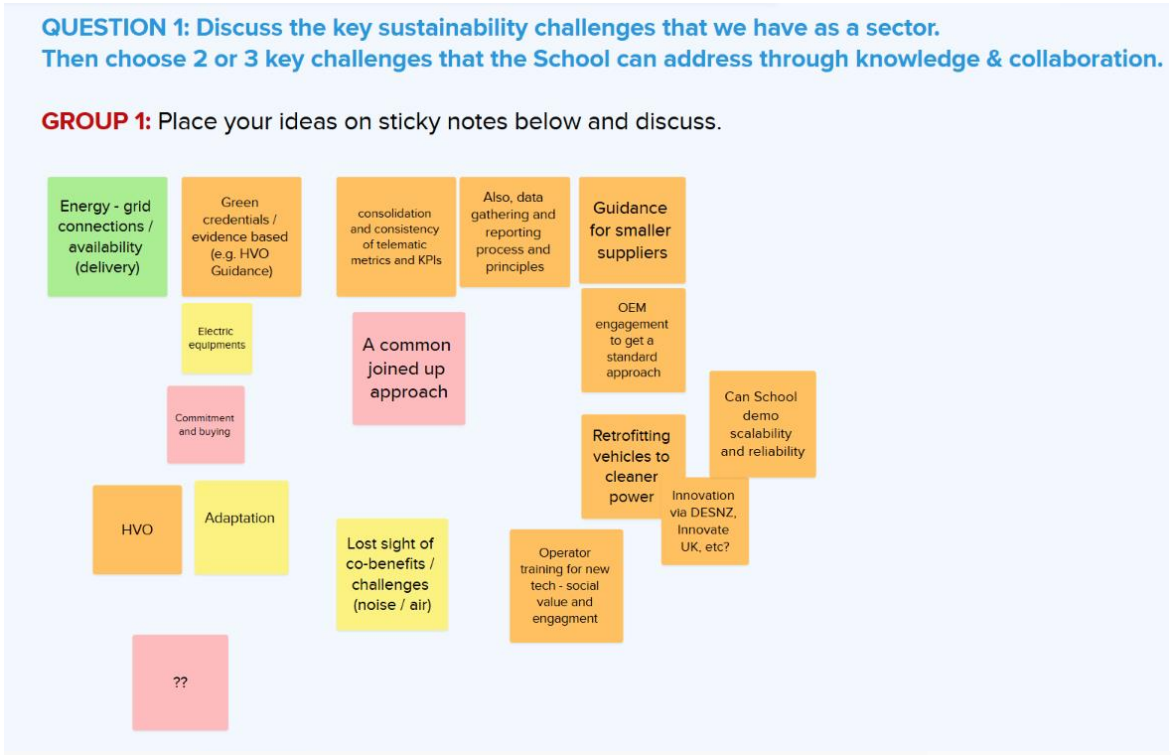
A MURAL was used to capture responses, copies of which can be seen in the appendix below.

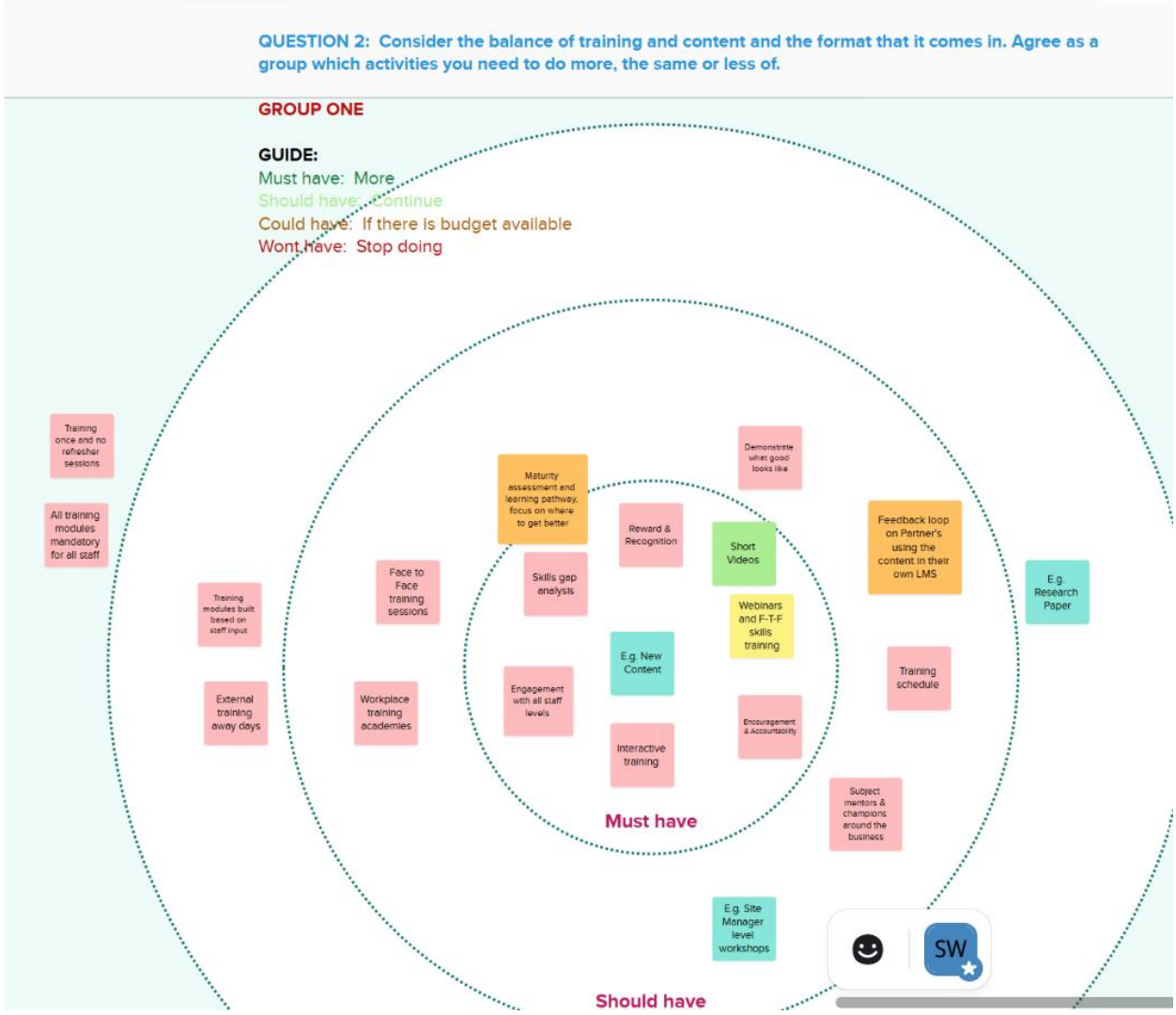
The results collected from the Leadership Group session were then analysed to identify three planned activities which will be the focus of the Group for FY2025/2026. These included:

1. **Setting up a Working Group to develop consistent telematics metrics and KPIs.**
   Getting consistent telematics data to use for efficiency drivers was highlighted as a key challenge. Setting up a Working Group is intended to address this.
2. **Publishing a report that explores alternative fuels and their feasibility** (in place of diesel). This would include a review of lithium ion batteries and other power forms not already explored in the already published HVO and Solar Panel Guidance documents.
   CLC have set a target for 78% diesel free on all UK sites by 2035, meaning a move towards other fuel sources is required. This report would support this transition.
3. **Development of a Sustainability Short on fuel efficiency** aimed at site operatives and managers.
   More content is needed aimed at people working on site to ensure that the message on fuel efficiency is clearly communicated and understood. This short would be aimed at an on-site audience and so address this.

4	**New E-Learning: Sustainable Site Set-Up** An update was provided on the new Sustainable Site Set-Up E-Learning with the storyboard and content now drafted. **Sustainable Site Set-Up E-Learning** **Site filming for E-Learning** Thank you to everyone who came forward to offer their site for filming! Two locations for filming: Aberdeen and Edinburgh. **E-Learning Script** First draft to be completed by beginning of January. Peer reviewers needed. **Development of Scenarios** The different scenarios have now been agreed. Different characteristics of each scenario to be outlined. Peer reviewers needed. **For any Partners who have Case Studies they would like to include in the E-Learning please send these to sam.walker@actionsustainability.com** **For any Partners who would like to be included in the review of the E-Learning script please contact sam.walker@actionsustainability.com**	**PARTNERS** **PARTNERS**
5	**AOB** 	
6	**Next Meetings** Next meeting will take place on **Wednesday 19th March 10am-12pm**	

Appendix – Group 1





GROUP 1

QUESTION 3: What are the key activities that the School can undertake to tackle your identified challenges.

Populate the table with the challenge (s) from Q1 as a sticky note and then discuss the solution for them discussed in Q2.

Challenges around feasibility of HVO

Ethical issues attached with HVO

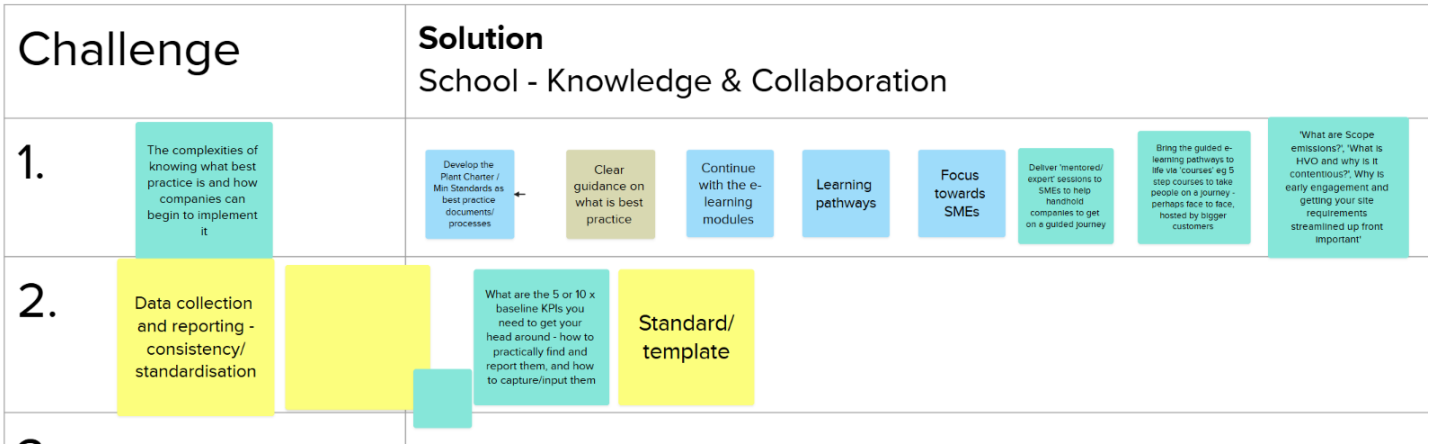
HVO Report that was published

Availability of HVO

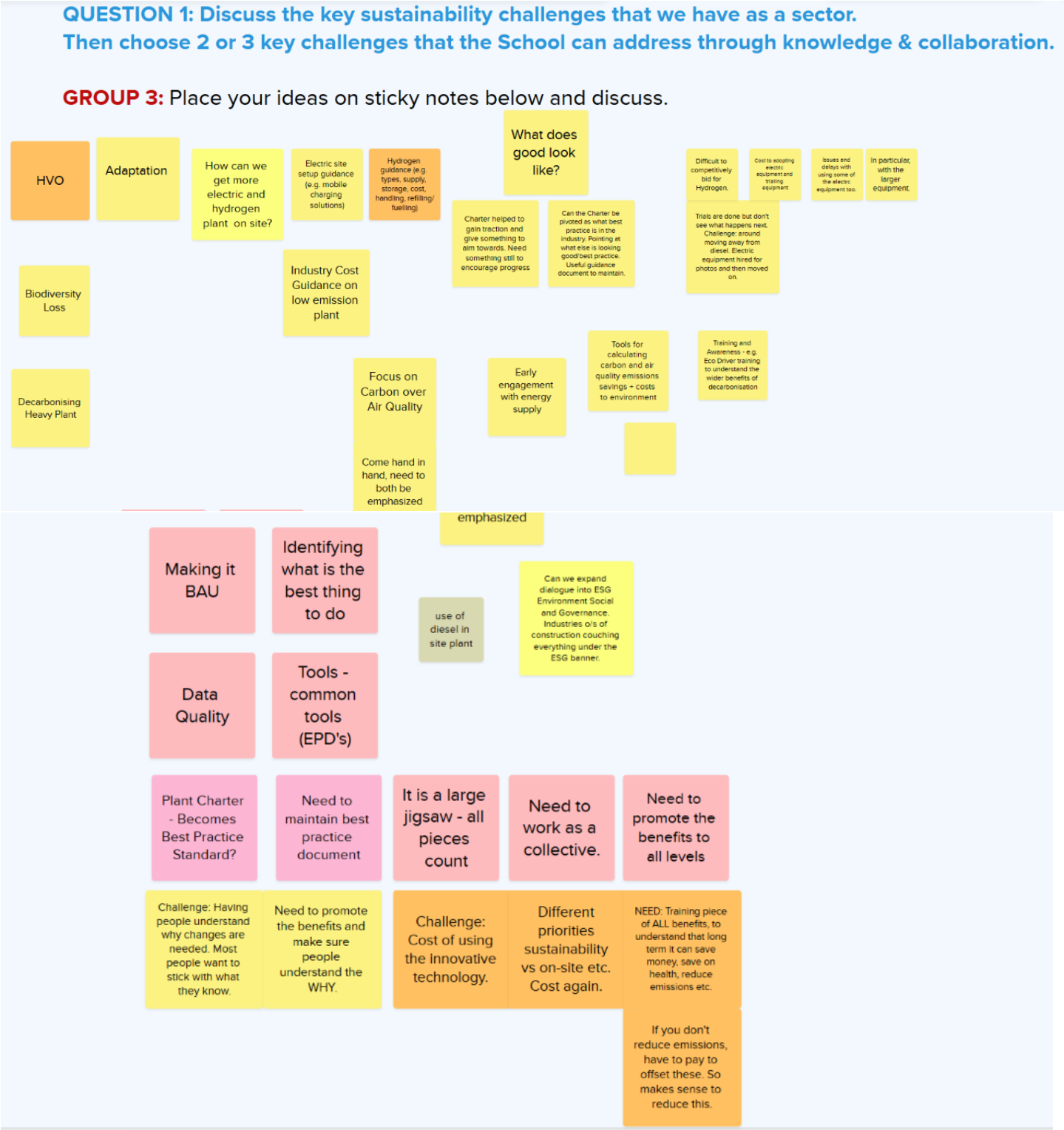
Challenge	Solution School - Knowledge & Collaboration
1. Telematics: consistency of KPIs	Working group to agree on standard approach to telematics, KPIs etc. And engage OEMs
2. Focus on alternative fuel sources , hydrogen fuel cell and C emissions in production vs electric from grid	Engage retrofit providers, collab with supply chain for hydrogen and others Conference?
3. increasing access to EV via grid	guidance on how to influence and get grid connections or using batteries where grid is not possible. Gather info on what is possible, case studies etc, also from other countries

Group 2 -

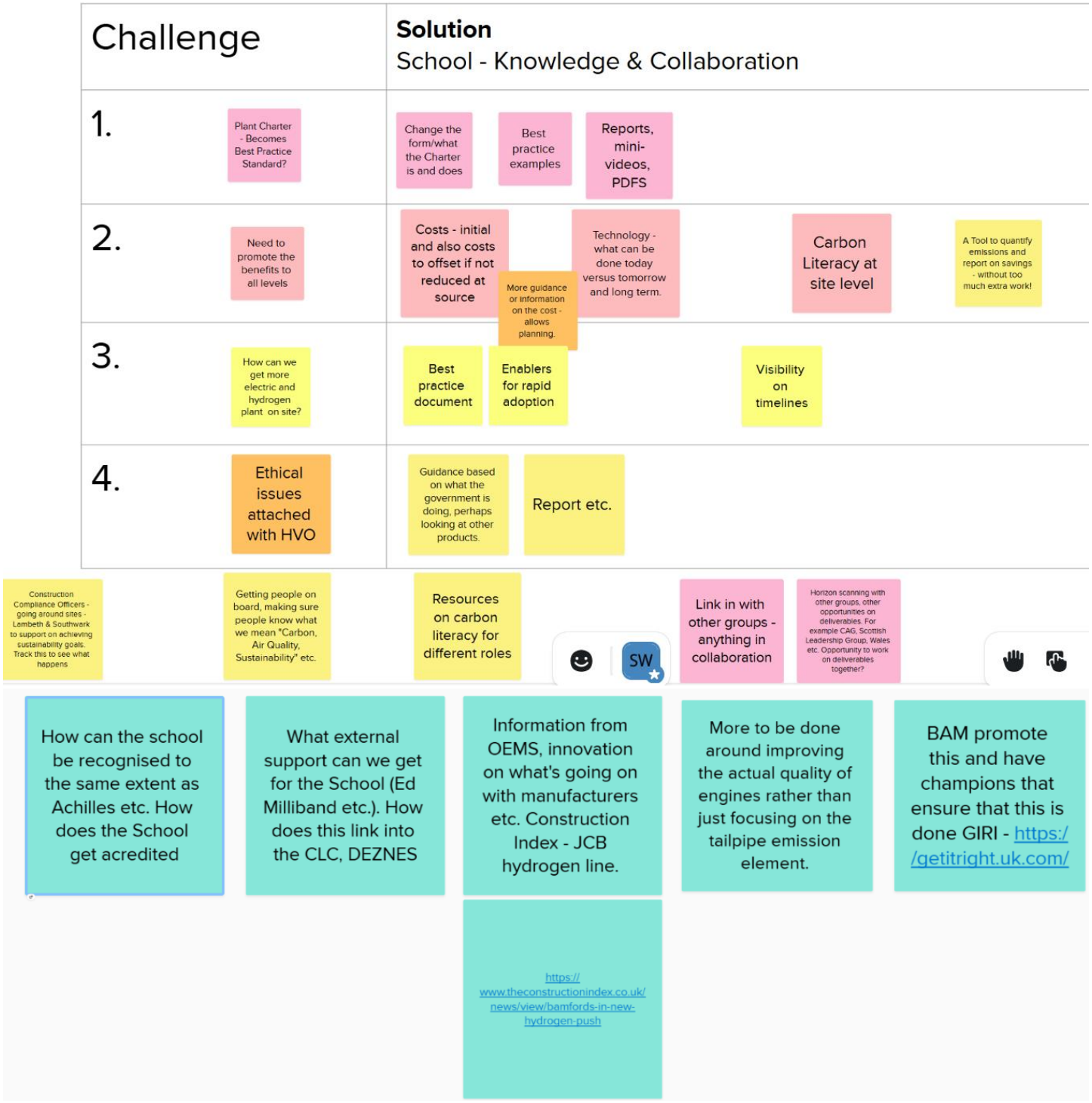
QUESTION 1: Discuss the key sustainability challenges that we have as a sector.
Then choose 2 or 3 key challenges that the School can address through knowledge & collaboration.
GROUP 2: Place your ideas on sticky notes below and discuss.
Refuelling legislation/ standards
Machine Retro-Fit
Data consistency/ standardisation
Data collection & reporting
Use of standard telematics
accurate emissions data - is it independent
HVO
Adaptation
Lobbying ultimate clients to mandate better (best) practice to drive change down supply chains
The complexities of knowing what best practice is and how companies can begin to implement it
Availability of carbon data from OEMs
??
Training and understanding in sustainability
Understanding the best sustainable options for companies to save money and reduce carbon
Breakdown of costs between different technologies e.g. £ per kwh
Clear guidance on what is best practice
Engagement with all staff levels
E.g. New Content
Encouragement & Accountability
Tell people HS2 is not financially sustainable
Continue with the e-learning modules
External training away days
'Beginner/'Get Started Guides' or courses to guide suppliers through their sustainability journey
Develop the Plant Charter / Min Standards as best practice documents/ processes
Must have
Subject mentors & champions around the business
More Innovation sessions/maybe Hackathons to get hive minds on some of the bigger topics/ projects we cant solve individually
E.g. Site Manager level workshops
See if Eco Operator training can be expanded into more fields
Should have
More networking sessions/Meet The Buyer/Supplier to help encourage people to be greener and connect solutions to contractors - to help force more greener solutions on site
Training once and no refresher sessions
E.g. Research Paper
SW


Challenge
Solution
School - Knowledge & Collaboration
1.
The complexities of knowing what best practice is and how companies can begin to implement it
Develop the Plant Charter / Min Standards as best practice documents/ processes
Clear guidance on what is best practice
Continue with the e-learning modules
Learning pathways
Focus towards SMEs
Deliver 'mentored/ expert' sessions to SMEs to help handhold companies to get on a guided journey
Bring the guided e-learning pathways to life via 'courses' eg 5 step courses to take people on a journey - perhaps face to face, hosted by bigger customers
'What are Scope emissions?', 'What is HVO and why is it contentious?', Why is early engagement and getting your site requirements streamlined up front important'
2.
Data collection and reporting - consistency/ standardisation
What are the 5 or 10 x baseline KPIs you need to get your head around - how to practically find and report them, and how to capture/input them
Standard/ template

Group 3


QUESTION 1: Discuss the key sustainability challenges that we have as a sector.
Then choose 2 or 3 key challenges that the School can address through knowledge & collaboration.
GROUP 3: Place your ideas on sticky notes below and discuss.
HVO
Adaptation
How can we get more electric and hydrogen plant on site?
Electric site setup guidance (e.g. mobile charging solutions)
Hydrogen guidance (e.g. types, supply, storage, cost, handling, refilling/ fuelling)
What does good look like?
Charter helped to gain traction and give something to aim towards. Need something still to encourage progress
Can the Charter be pivoted as what best practice is in the industry. Pointing at what else is looking good/best practice. Useful guidance document to maintain.
Difficult to competitively bid for Hydrogen.
Cost to adopting electric equipment and trialing equipment
Issues and delays with using some of the electric equipment too.
In particular, with the larger equipment.
Trials are done but don't see what happens next. Challenge: around moving away from diesel. Electric equipment hired for photos and then moved on.
Biodiversity Loss
Industry Cost Guidance on low emission plant
Decarbonising Heavy Plant
Focus on Carbon over Air Quality
Early engagement with energy supply
Tools for calculating carbon and air quality emissions savings + costs to environment
Training and Awareness - e.g. Eco Driver training to understand the wider benefits of decarbonisation
Come hand in hand, need to both be emphasized
emphasized
Making it BAU
Identifying what is the best thing to do
use of diesel in site plant
Can we expand dialogue into ESG Environment Social and Governance. Industries o/s of construction couching everything under the ESG banner.
Data Quality
Tools - common tools (EPD's)
Plant Charter - Becomes Best Practice Standard?
Need to maintain best practice document
It is a large jigsaw - all pieces count
Need to work as a collective.
Need to promote the benefits to all levels
Challenge: Having people understand why changes are needed. Most people want to stick with what they know.
Need to promote the benefits and make sure people understand the WHY.
Challenge: Cost of using the innovative technology.
Different priorities sustainability vs on-site etc. Cost again.
NEED: Training piece of ALL benefits, to understand that long term it can save money, save on health, reduce emissions etc.
If you don't reduce emissions, have to pay to offset these. So makes sense to reduce this.

Industry Collaboration / share training resource
Front line, face to face
Knowledge and Awareness Sessions - Teams
Training best face to face
Best practice examples
E.g. New Content
Keep interactive
Training and workshops across all employment levels
Share collaboration learning from OEMs (wider industry) working groups.
Plant Hire companies collaborate on offering training
Must h
Trainings for plant operators
HVO - Adoption on sites (post procurement!)
Sessions for sustainability advisors on creating a sustainability plan, but not generic and more specific to each stages of a project. Like: groundworks
E.g. Site Manager level workshops
Mix will be necessary
Should have
Topics for innovation e.g. Hydrogen
E.g. Research Paper
Could have
SW


Challenge
Solution
School - Knowledge & Collaboration
1.
Plant Charter - Becomes Best Practice Standard?
Change the form/what the Charter is and does
Best practice examples
Reports, mini-videos, PDFS
2.
Need to promote the benefits to all levels
Costs - initial and also costs to offset if not reduced at source
More guidance or information on the cost - allows planning.
Technology - what can be done today versus tomorrow and long term.
Carbon Literacy at site level
A Tool to quantify emissions and report on savings - without too much extra work!
3.
How can we get more electric and hydrogen plant on site?
Best practice document
Enablers for rapid adoption
Visibility on timelines
4.
Ethical issues attached with HVO
Guidance based on what the government is doing, perhaps looking at other products.
Report etc.
Construction Compliance Officers - going around sites - Lambeth & Southwark to support on achieving sustainability goals. Track this to see what happens
Getting people on board, making sure people know what we mean "Carbon, Air Quality, Sustainability" etc.
Resources on carbon literacy for different roles
SW
Link in with other groups - anything in collaboration
Horizon scanning with other groups, other opportunities on deliverables. For example CAG, Scottish Leadership Group, Wales etc. Opportunity to work on deliverables together?
How can the school be recognised to the same extent as Achilles etc. How does the School get acredited
What external support can we get for the School (Ed Milliband etc.). How does this link into the CLC, DEZNES
Information from OEMS, innovation on what's going on with manufacturers etc. Construction Index - JCB hydrogen line.
https://www.theconstructionindex.co.uk/news/view/bamfords-in-new-hydrogen-push
More to be done around improving the actual quality of engines rather than just focusing on the tailpipe emission element.
BAM promote this and have champions that ensure that this is done GIRI - https://getitright.uk.com/