

**Whatley and Westdown Quarries
Community Liaison Group Meeting
24 March 2022
Whatley Quarry and via Microsoft Teams**

DRAFT MINUTES

ATTENDEES:

- | | |
|-------------------------|--|
| • Ian Strachan (IS) | Hanson Aggregates, Strategic Development Manager |
| • Vince Pitt (VP) | Hanson Aggregates, Unit Manager – Whatley Quarry |
| • Darren Plant (DP) | Hanson Aggregates, Regional Transport Manager |
| • Marion Garfield (MG) | Hanson UK, Head of Sustainability |
| • Alan Townsend (AT) | Coleford Parish Council |
| • Lisa Ramsay (LR) | Nunney Parish Council |
| • Steve West (SW) | Mells parish Council |
| • Paul Hooper (PHO) | Downhead Parish Council |
| • Ann Crowcombe (AC) | Cranmore Parish Council |
| • David Mattick (DM) | Leigh-on-Mendip Parish Council |
| • Alison Barkshire (AB) | Mendip District Council for Ammerdown |
| • Colin Arnold (CA) | Principal Planning Officer |
| • Martyn Ford (MF) | Senior Enforcement Officer (Planning, Rights of Way, Gypsies & Travellers) Somerset County Council |
| • Will Palmer (WP) | Whatley resident |
| • Richard King (RK) | Great Elm resident |
| • Samantha Stagg (SS) | James Reed PR, communications for Hanson UK |
| • Nienke Pengelly (NP) | Wood PLC |
| • Mark Evans (ME) | Wood PLC |

APOLOGIES AND MEMBERS ABSENT:

- | | |
|----------------------------|---|
| • Philip Ham (PH) | Councillor Somerset County Council, Mendip Central & East (Chair) |
| • Richard Keith-Hill (RKH) | Environmental Protection Officer, Mendip District Council |
| • Trystan Mabbitt (TM) | Hanson UK Consenting and Development Manager |
| • Steven Morton (SM) | Hanson UK Marketing and Communications Manager |
| • Andrew Bramston (ABR) | Chantry resident |
| • Simon Stonehouse (SST) | Natural England |
| • Lila Morris (LM) | Somerset Wildlife Trust |
| • PC Toni Lines (TL) | Avon and Somerset Police |
| • Jason Black (JB) | Mendip Rail Ltd |
| • Martin Payne (MP) | Chantry and Mells Parish Council |
| • Francis Hayden (FH) | Mendip District Council, Cranmore Doultling and Nunney |

AGENDA FOR WHATLEY AND WESTDOWN COMMUNITY LIAISON MEETING (postponed from 02/03/22)

1. **Introduction** – Chair Philip Ham
 - Welcome and Chair introductions
 - Review of minutes from last meeting
 - Matters arising from last minutes (issues relating to agenda items below will be covered as part of the meeting)

2. **Whatley update** – Vince Pitt, Unit Manager Whatley quarry, Hanson UK
 - Operational overview
 - Logistics (including road and rail)
 - Feedback
 - Environmental
 - Blasting

3. **Other sites and community update** – Ian Strachan, Strategic Development Manager, Hanson UK
 - Westdown
 - Community giving update
 - Handling email correspondence

4. **Hanson's route to net zero** – Ian Strachan, Strategic Development Manager, Hanson UK

5. **Planning update: Whatley and Westdown** – Trystan Mabbitt, Consenting and Development Manager, Hanson UK
 - Westdown progress
 - Whatley ROMP

6. **AOBs**
 - Blasting notification

7. **Date of next meeting**

MEETING MINUTES

1. Chair's introduction

Welcome:

- With the Group's Chair Philip Ham (PH) absent, Ian Strachan (IS) advised that he would stand in as Chair for the meeting.
- IS welcomed attendees to the hybrid meeting.
- IS confirmed that Justin Collis had moved onto a new role within Hanson and introduced Vince Pitt, Darren Plant and Marian Garfield.

Review of previous minutes:

- IS asked the Group to validate the minutes of the previous meeting as a true and reflective account. This was agreed and the minutes accepted by the Group.
- Given the extensive agenda, IS proposed that, if any outstanding issues were also a current meeting agenda item, that they should be discussed in line with the agenda rather than under 'actions from previous meeting'. This was agreed by the Group.

Actions from previous meeting:

- PH to resend email communication to WP: *COMPLETE*
- Hanson to provide information on levels of feedback/complaints received prior to 2021: *AGENDA ITEM*
- Hanson to set up additional blast monitoring stations in Chantry: *AGENDA ITEM*
- Hanson to investigate feasibility of a WhatsApp group re blasting notifications: *COMPLETE*
- Hanson to provide information on blasting levels at the next meeting: *AGENDA ITEM*
- Hanson to set up a TEAMS meeting between RK and the ecology team: *COMPLETE*
- Hanson to provide an update on future noise studies to be provided at the next meeting: *AGENDA ITEM*
- Hanson to provide source of demand for limestone included in Whatley/Westdown video: *COMPLETE*

There were no further points raised with regards to actions from the previous meeting.

2. Whatley quarry update

VP provided an update:

Operational overview:

- Volumes YTD on target – this is down @100,000 tonnes on volumes for the same period last year.
- There is currently one case of Covid-19 on site.
- Two new recruitments, following retirements. Both new joiners live locally, one is from Coleford and the other from Frome.
- School visits to Whatley are resuming from April.
- On-going development of tree nursery in conjunction with Earth Science Study Centre.

VP provided a summary of the onsite operational adaptations made over the last year plus an update on the roll out of Hanson's £10 million investment programme – which are being implemented to mitigate the impact of the quarry.

- Cessation of weekend working.
- Repairs and on-going maintenance to doors.

- Repairs and maintenance to cladding on buildings.
- Crash points changed to ceramic linings (where material falls from a conveyor belt).
- Reception hopper being left always one quart full to prevent full height fall of material.
- Head drums on conveyor belt lagged to prevent possible slip and squeal.
- Cessation of quarry extraction, including at the primary crusher, between 0.00 – 06.00 wherever possible.
- Since last meeting:
 - Staged delivery of new truck liners.
 - Fan inserts fitted.
 - Weekend working on tip restricted unless required for H&S.
- Plus: On-going training and communications with all drivers, restating key HGV driver protocols on required behaviour and need to use Somerset County Council's approved freight routes.

VP provided information on further mitigation measures planned:

- Delivery of new fully lined trucks, x2 in March x2 in June.
- Fan silencers to be installed in March.
- Investment in new wagons – replacements for KEA wagons arriving in April.
- New wheel wash to be installed in May.
- Discussions on-going with SCC re adoption of road.

VP advised that the phased delivery of the new trucks had commenced. One was on site and was being commissioned ahead of being put into operation. A further two trucks are due in June.

VP added that the impact of the fan inserts would be monitored in the coming weeks to assess effectiveness in reducing noise.

DP detailed the education activity that has taken place with drivers to encourage adherence to Somerset County Council's (SCC) freight routes.

AC asked for comments she made before the meeting commenced to be minuted. She advised that there had been a marked improvement in Hanson HGV's avoiding use of the Waterlip rat run and that Hanson should be congratulated for the steps it had taken in educating drivers on the issue.

WP said that the £10 million investment had had no discernible improvement and that it represented 'more bluff' from Hanson.

IS responded to WP stating that Hanson had taken extensive steps to mitigate the impact of the quarry over the last year. Further plant was still to be delivered but the company continued to make improvements.

AB asked about the cessation of activity at the primary crusher. VP confirmed that this was in relation to extraction activity and was feasible due to increased efficiencies.

MF asked if all activity over the weekend had ceased. VP advised that the primary had not operated at weekends since March last year and more recently weekend working on the tip unless needed for H&S reasons had also ceased. VP added that maintenance work continues on-site at weekends as required, as does the asphalt plant as required.

RK asked for clarification on weekend activity at the railhead. VP advised that loading of trains and shunting of rail trucks stops at midday on Saturday, but that the rail operator, Freight Liner, still has trains departing after this time due to constraints on the rail network.

VP confirmed the new rail wagons are arriving in April and this will allow the older KEA wagons to be withdrawn from service.

PH advised that Freight Liner had given a good presentation to another quarry liaison meeting. SS confirmed she had been in contact with Freightliner's communications manager with a view to inviting them to attend a future meeting to provide an update on activity. *Action*

Blasting

VP provided an update on blasting mitigation measures introduced at Whatley:

- The permitted levels for vibration as a result of quarry blasts are: Peak Particle Velocity (PPV) of 9mm/s with a 95% confidence, and/or 12mm/s with 99.9% confidence at any time.
- Hanson continues to blast to a voluntary Peak Particle Velocity (PPV) lower limit of 4.5mm/s on the south face, wherever possible.
- Two additional monitors to be made available for additional monitoring. As a result, Hanson is now seeking further volunteer locations.
- Level 3 – 4 blasts remain and all will be triple decked.

VP provided an update on recent blasts:

- December – February: 80% of blasts on the south face decked.
- December: x9 blasts. 72% registering at 4.5mm/s or less at monitoring location/s.
- January: x10 blasts. 88% registering at 4.5mm/s or less at monitoring location/s for blasts on the south face.
- February: x11 blasts. 56% registering at 4.5mm/s or less at monitoring location/s for blasts on the south face.
- Average PPV December – February 3.48 mm/s. (3.83 mm/s PPV on the quarry's south face).
- March to date: 89% of blasts on the south face registering at 4.5mm/s or less. Average PPV across all blasts 3.47mm/s PPV.

- Blast monitoring by date December – February:

DATE	level	location	Max actual PPV
01/12/2021	8	North	3.56
07/12/2021	4	South	2.262
10/12/2021	7	South	0.843
14/12/2021	4	South	4.832
16/12/2021	5	South	4.264
21/12/2021	4	South	1.364
23/12/2021	3	South	7.929

DATE	level	location	Max actual PPV
20/01/2021	3	South	3.94
07/01/2022	5	South	3.027
11/01/2022	4	South	4.19
13/01/2022	5	South	3.68
19/01/2022	8	East	1.42
21/01/2022	5	South	3.279
25/01/2022	6	South	7.62
27/01/2022	5	South	3.56
28/01/2022	6	South	1.237
31/01/2022	7	South	no trigger

DATE	level	location	Max actual PPV
01/02/2022	4	South	5.59
04/02/2022	3	South	4.855
08/02/2022	4	South	no trigger
10/02/2022	8	North	2.89
11/02/2022	6	South	6.6
15/02/2022	8	East	1.43
17/02/2022	4	South	7.078
21/02/2022	3	South	2.84
23/02/2022	6	South	3.78
24/02/2022	6	South	4.66
25/02/2022	4	South	3.7

VP confirmed that Hanson had acquired additional monitoring equipment and was seeking additional properties to carry out monitoring at.

VP advised that from June blasts would move from the south face to predominantly the east face of the quarry.

RK asked about the scale used. VP confirmed it was a logarithmic scale. IS added that there was no correlation between PPV levels and how blasts are experienced. Some blasts with PPV of 2.5mm/s had received several complaints while a blast with a reading of 7.6mm/s in recent weeks had received none.

ME confirmed that vibration pathways are complex and the PPV metric is not the only factor that would affect the experience of vibration by receptors; for instance the frequency will be important.

RK asked if blasts with a lower PPV could lead to increased vibration. ME advised that he had not been involved on blast design or the measurement of blast vibration at Whatley. He added that blasts with a higher PPV value tended to be experienced as being more intense.

LR added that in her experience some people were more sensitive to blasts than others.

NP suggested that the presentation given last year by Hanson’s blasting specialists could be added to the website. *Action*

VP said that EPC would be invited back to provide more information on frequency and vibration. *Action*

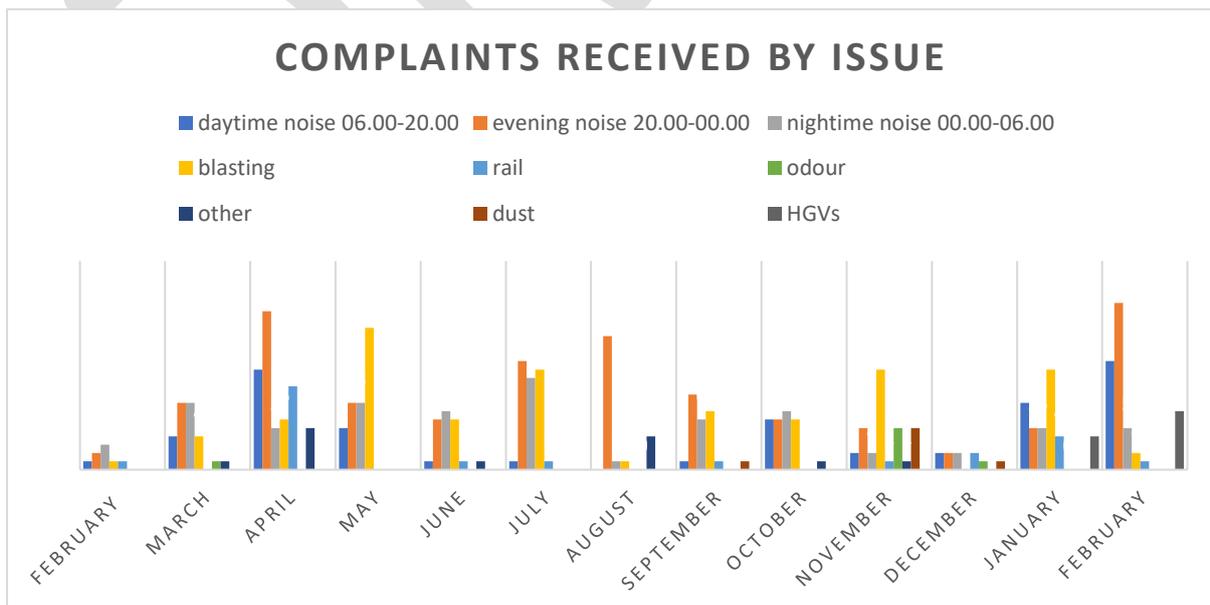
WP commented that Hanson’s adaptations to blasting had not improved the situation, with damage being caused to buildings. IS refuted WP’s comments in the strongest terms, adding that all blasts were well within the legal limits and it was inappropriate to imply that damage was being caused to buildings. IS added Hanson had taken extensive steps to work with the local community on the issue, including switching to a much lower blasting PPV level on the south face where possible as well as adapting blast designs.

CA confirmed that the limits for blasting were shaped by national guidelines.

Feedback

SS provided information on feedback, including complaints, received at Whatley.

Month	Number of contacts logged	Number of correspondents	% Negative	%Neutral	% Positive	No. Negative
February	16	8	100	0	0	16
March	51	16	79	21	0	47
April	67	21	72	27	1	51
May	53	18	79	19	2	42
June	38	20	81	16	3	30
July	56	30	72	28	0	40
August	34	26	69	26	5	25
September	47	27	68	32	0	32
October	44	18	66	25	2.2	32
November	51	25	75	25	0	38
December	33	13	92	0	8	11
January	76	30	98	2	0	75
February	60	15	93	7	0	56
Total	626					495



WP asked how this compared to last year, reiterating his earlier request for an analysis of this data. SS advised that it wouldn't be a sensible comparison as it would not be comparing like with like. Since February 2021, Hanson has increased the ways in which people can contact the Whatley team and these have been promoted via the community newsletter and other communications activity. Consequently, it is to be expected that the number of contacts would increase. Similarly, Hanson has adapted the way in which data is now recorded, allowing for more analysis on the issue/s being raised, so comparisons with previous years would be somewhat meaningless.

SS added that contacts at, industry body, The Mineral Products Association (MPA) had also commented that the volume of complaints across the sector had increased since lockdown/working from home and therefore could be considered an industry-wide pattern and not just limited to Whatley.

SW asked about the makeup of correspondents. SS advised that 48% of all emails received came from just five individuals. She added that, to date, one of those five represents 18% of all emails received on his/her own.

Hanson's route to Net Zero

MG gave a presentation detailing Hanson's route to Net Zero.

MG set out details of how Hanson's parent company is at the forefront of carbon reduction:

- The first global cement company to sign up to the SBTi for a 2°C reduction in accordance with Paris agreement.
- Joined the 'Race to Zero' and have committed to a 1.5°C reduction in global temperatures and to become a Net Zero business by 2050.
- Recognition from CDP (Carbon Disclosure Project) with a place on the "Climate Change A-List 2020" as one of the leading companies worldwide for its commitment to climate action.
- Major research projects underway globally. Over 1,000 employees at facilities in Heidelberg and Bergamo – alternative materials, new cement types, carbon capture and storage (Brevik in Norway, Lixhe in Belgium, Padeswood in the UK).

MG explained that reducing carbon footprint and increasing energy efficiency are central tasks for HeidelbergCement's management teams on all levels. A large part of the company's investments and research efforts are directed towards achieving this goal. She explained this is how the company contributes to a sustainably built future for the world in which it operates.

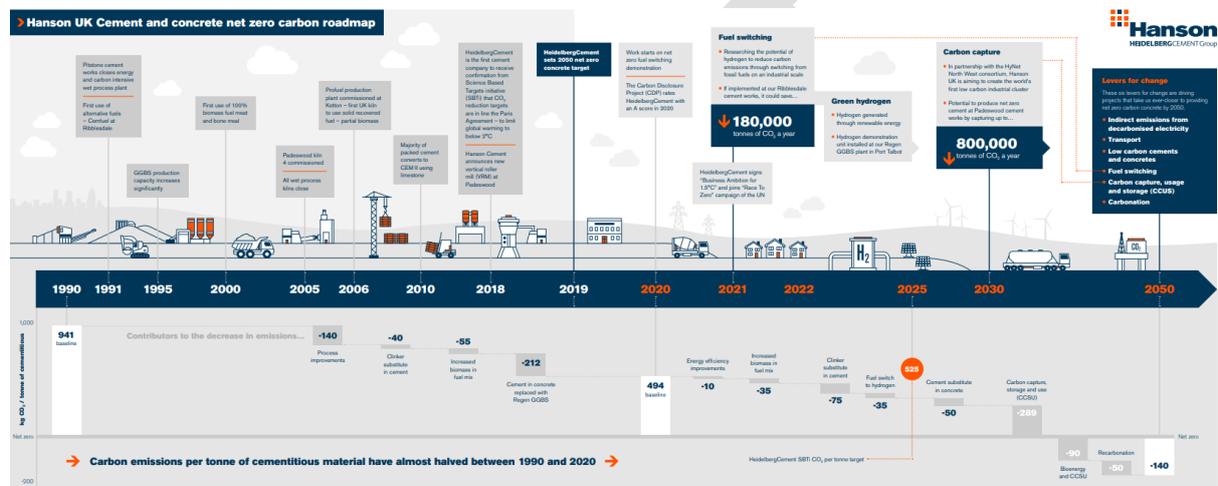
MG set out how the company wants to be the industry leader on the path to carbon neutrality. For the period 2020 to 2030, HeidelbergCement has already committed €500 million to invest specifically into the decarbonisation of its operations to reach the targets set until 2030.

MG detailed how – with a considerable proportion of emissions generated in the process of cement manufacturing, which significantly contributes to the footprint of the end product,

concrete – the company is focused on developing new technologies that enable CO₂ savings on a large scale.

MG described the various carbon reduction levers being used, adding that Hanson UK’s pathway towards carbon neutrality is not starting from a standing position – sustainability has been embedded in the business for a number of years, and between 1990 and 2020 Hanson UK has reduced its CO₂ emissions by almost 50%. She highlighted the role that the use of GGBS – ground granulated blast furnace slag, a cement replacement material which is a byproduct of iron-making – has played in cutting the CO₂ associated with cement manufacture. Using one tonne of GGBS in concrete reduces the embodied CO₂ by around 900kg, compared to using one tonne of Portland Cement – see more at:

<https://www.hanson.co.uk/en/products/regen-ggbs>



Looking ahead, MG described the additional levers that Hanson will be utilising to cut the CO₂ emissions associated with cement production:

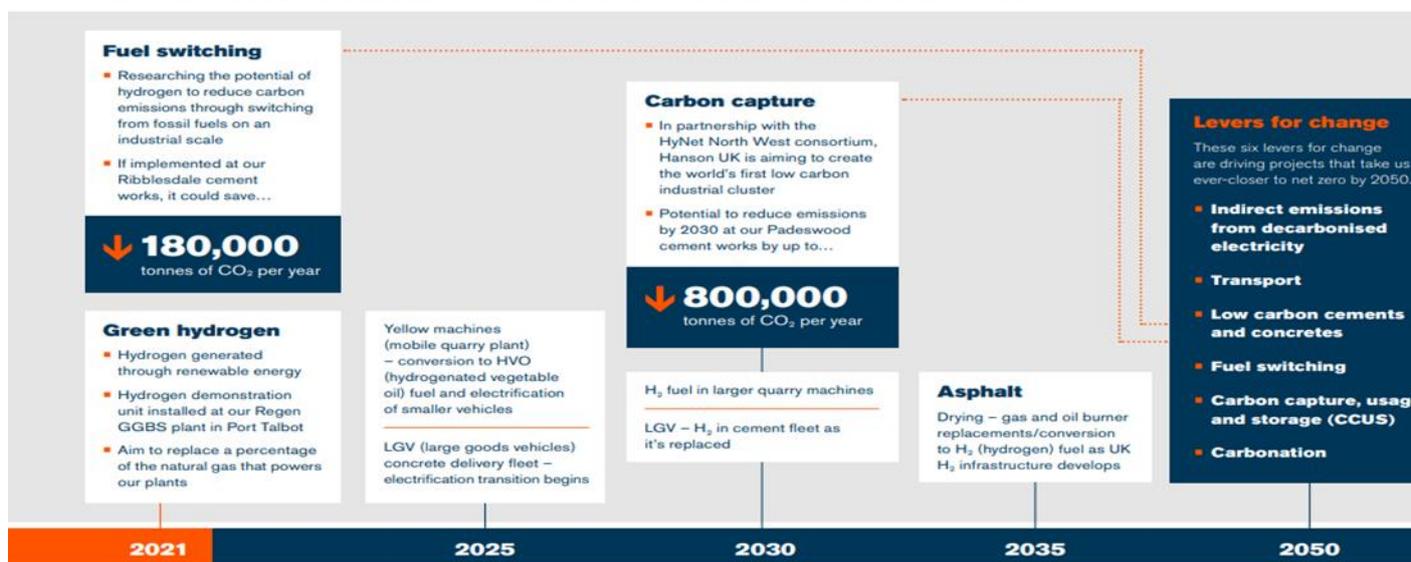
- **Carbon Capture & Storage:** Hanson is a partner in the HyNet North West consortium.
 - It aims to create the world’s first low carbon industrial cluster.
 - The industrial cluster has the potential to reduce regional CO₂ emissions by up to 10 million tonnes every year by 2030.
 - Hanson could save up to 800,000 tonnes of CO₂ per year by 2030 at its Padeswood cement plant.
 - Match-funding has been secured to carry out the feasibility study from 2021.
- **Net zero fuel mix including hydrogen:** In a world first, we Hanson demonstrated the use of a net zero fuel mix.
 - A cement kiln at Ribblesdale has successfully been operated on a net zero fuel mix as part of a world-first demonstration using hydrogen technology. The trial used a mix of 100 per cent climate-neutral fuels approximately 39% hydrogen, 12% meat and bone meal (MBM) and 49% glycerine including hydrogen for commercial-scale

cement manufacture for the very first time. If fully implemented for the whole kiln system, nearly 180,000 tonnes of carbon dioxide could be avoided each year at Ribblesdale alone – compared to using fossil fuels such as coal.

- Hydrogen fuels are manufactured on site. The trials should be underway currently and preliminary results are expected soon from the two weeks initial trial. Hydrogen and oxygen are produced by hydrolysis within the container at a rate of 10 Nm³/hour. The gases are split with oxygen being fed to the main air supply for the burner and hydrogen mixed with the fuel for the burner. The reactions within the kiln are almost immediate and the expectations are to see an increase in the ability to burn higher levels of alternative fuels; if this is not feasible due to fuel supply, then an increase in kiln output is expected.

OVERVIEW

Our actions today and what Hanson UK has planned



MG also described the steps Hanson is taking across other parts of its business to cut its CO₂ emissions:

- **Aggregates:**
 - The Aggregates business is continuing to see the benefits of the revised quarry development plans. -The plans are designed to reduce vehicle movements whilst also reducing inclines through better ramp design.
 - Hanson Aggregates is also focusing on waste reduction through an initiative known as “total rock” ensuring that a higher proportion of material meets specification at the first pass. -With the Aggregates, Asphalt and Concrete teams working together, the aim has been to increase levels of self-supply and reduce the levels of bought in filler and dust discharges to landfill. -Results have been very good providing high levels of efficiency through lean management and good quarry practice including digital blast triggers for increased efficiency and yield. These are expected to develop further in 2022 as more opportunities are realised.

- Hanson Aggregates has also carried out successful trials of gas oil alternatives for mobile plant operations with plans to develop this further in 2022.
- The Aggregates business line has also a new marine aggregate dredger, Hanson Thames. This new vessel forms part of a strategy to replace existing ageing dredgers, which supply essential sand and gravel to ready-mixed concrete, concrete block and aggregate bagging plants. The vessel, which also provides increased payload and efficiency, is equipped with enhanced safety features including an enclosed bow to protect equipment and dredge pipes positioned above the main deck. It will operate in the North Sea and English Channel.
- Hanson Aggregates is also focusing on its strategic railheads at several locations including reopening the railhead serving its Penmaenmawr quarry in north Wales as part of a UK rail strategy to reduce road vehicle movements and cut associated CO₂ emissions. Our rail connected depots save 18.8 million road miles each year reducing CO₂ from transport.
- In 2021 we have opened two new aggregates rail depots; in Tuebrook, near Liverpool, and West Drayton, west London. The move is part of our strategy to improve our network of rail-connected depots and will reduce vehicle movements and associated CO₂ emissions. Annually, the two depots are expected to handle up to 600,000 tonnes of aggregate a year between them, keeping over 27,000 lorries off the roads.
- We have launched Hanson Thames, our new dredger, which forms part of our strategy to replace our ageing dredgers. The vessel, which will operate in the North Sea and English Channel, provides increased payload and efficiency, allowing it to carry up to 7,000 tonnes of marine aggregates per trip and provide an 8–11 % fuel consumption/reduction per trip.
- 50% of all our fleet will be EV or hybrid by 2025.
- Trialling alternative fuels for yellow plant and equipment.

MG confirmed that Hanson has committed to investing £55 million by 2025 to cut CO₂ emissions by a further 15%.

AB asked what percentage of Hanson's profits the £55 million investment referred to represented. MG and IS confirmed that this was a significant proportion.

MF asked if a link could be included in the minutes to share MG's slides. *Action*

RK asked if there was an intention to increase the use of trains at Whatley. IS confirmed that there were no plans to increase permitted volumes via rail at Whatley. Hanson has permission to transport 4mtpa by rail from Whatley and levels are currently in the region of 3.5mtpa. Constraints on the rail network would also preclude any increase above the permitted levels.

WP made reference to the feedback charts, highlighting the complaints relating to noise, adding that Hanson "talks a good game but hides behind permissions." IS asked SCC officers to respond to this point as the relevant regulators.

MF provided detail on noise monitoring undertaken at Whatley. This took place without the operator's knowledge in December when the quarry was both operational and non-

operational for comparative purposes. The study included both attended and non-attended monitoring at two sites, one in Chantry and one in Mells as well as at a location on Chantry Lane.

MF confirmed that:

- The two occasions of attended monitoring confirmed that at the time of monitoring the quarry was operating within permitted daytime limits.
- Unattended monitoring did not identify any breach of noise condition which could be directly attributable to quarry operations.
- There were occasional “spikes” of noise which would be loud enough to cause disturbance, but these may or may not have been attributable to quarry operations.
- Noise levels during times of operation were often considerably higher than at times of limited/no operation and so whilst levels may have been within permitted limits there may be a perception from residents that levels were too high.

MF confirmed that the general outcome of the study was that no breach of conditions was identified. He added that following discussions with the quarry operator, a robust monitoring scheme had been agreed which had been reviewed by SCC’s acoustic expert. He added that he had proposed that it would be worth Hanson seeking to understand more about the source of spikes identified during the monitoring.

MF also confirmed that SCC receive full sets of noise monitoring carried out by Hanson and these are checked vis a vis planning levels.

WP asked MF and CA if the levels are set incorrectly – at too low a level – as current levels are causing upset to some people, including impacting on their mental health.

CA responded that SCC follows the guidance set out by Government and the levels are based on the National Planning Policy Framework, which sets out the government’s planning policies for England and how these should be applied. He confirmed that there were no breaches at Whatley based on the regulations and no need to affect any enforcement notice. He suggested that if WP felt the regulations were inappropriate, he should bring it up with his MP.

Westdown – proposals to update existing planning consents

In TM’s absence due to illness, NP provided an update on the planning submission made by Hanson to update existing planning consents at Westdown quarry.

She detailed that Hanson is liaising with SCC. In particular, it awaits an update re Reg 25 – from SCC which will assist the council with its determination of the application made last January. (Regulation 25 of the EIA Regulations allows a local planning authority, when dealing with a planning application which is supported by an ES, to request “further information” if the local planning authority is of the opinion that supplementary additional information is required).

NP made reference to supplementary information supplied under Reg 25 being subject to statutory consultation.

AB posed a question to MG. Why is there a need to open new quarries rather than seeking to increase the use of recycled materials in construction. MG responded that, while recycling rates are increasing, it would not be possible for technical/strength/quality purposes to construct buildings or infrastructure using 100% recycled materials. She added that only 2.4% of the CO₂ attributed to a tonne of cement is attributable to aggregate extraction and transportation.

AB asked what is being done to seek alternatives? MG said she would follow up separately on this issue. *Action*

IS detailed the findings of a recent socio-economic report that looked at the benefits of reopening Westdown:

- Continuing operations at Whatley and re-opening Westdown is expected to make a **£2.18bn** contribution to national GVA between 2022 and 2042 and **£750.5m** in tax revenues.
- More than 730 regional jobs and more than 1,100 full-time equivalent jobs supported in national economy.
- Neutral impact on road traffic levels.

AB queried if reopening Westdown would be neutral re HGV traffic. IS set out that the approach was to stay within current permitted levels for Whatley and switch some of the permitted HGV movements for Whatley to Westdown. This was detailed in the video previously shown to the Group at the last meeting <https://www.hanson-communities.co.uk/en/whatley-and-westdown-quarry-community-page> IS stated that, combined, HGV movements for Whatley and Westdown would not exceed the current permitted levels for Whatley which is 4mtpa.

AB asked if, in reality, it could mean an increase on current levels even if HGV volumes were within the current permitted levels for Whatley. IS acknowledged that current levels are below the 4mtpa level, so in theory there could be a marginal increase in HGV numbers. However, he stressed that, while he did not have a crystal ball, doing so was not part of Hanson's plans.

AC said that she had seen information shared locally that stated that HGVs could increase by 40%. IS said that this was categorically not the case and that the planning submission for Westdown set out that HGV traffic would fall on most routes.

SW stated that the situation today was markedly improved, when considering that quarry traffic used to travel through many villages, including Nunney.

RK asked if the socio-economic report could be shared. IS said he would have to check the IP situation on this. *Action*

Community Giving initiatives

SS provided an update on recent recipients including;

- Chantry village – funding to support new signage at entrances to village.
- Leigh on Mendip Recreation Field Management Committee – new picnic tables.
- Oakhill and Ashwick Parish – contribution towards Queen's Jubilee celebration.

- Mells Village Playground Committee – supporting new benches.

SS advised that 88% of requests received were supported over the last year, with donations made or pledged to 14 separate initiatives.

Review of Mineral Planning (ROMP)

NP provided an update:

- Hanson has submitted its revised scoping opinion to SCC for review.
- Hanson now awaits SCC's feedback.

Whatley Quarry Noise Monitoring

NP set out the new noise monitoring arrangements now agreed with SCC. This includes monitoring at locations specified in the current permissions:

- Purpose:
 - Identify quarry noise contributions at residential receptors following the completion of the recent round of mitigation measures and whether there remain exceedances of existing noise limits.
 - Identify whether non-quarry noise sources are significantly contributing to any remaining exceedances of existing noise limits.
 - To identify updated baseline levels for the purposes of reviewing existing noise criteria.
- How and when:
 - Monitoring methodology and locations have been agreed with SCC.
 - Long term monitoring at x5 residential locations to identify both quarry noise contribution and baseline noise levels.
 - To be supported by additional measurement positions simultaneously measuring within the quarry boundary to aid in identification of elevated quarry noise.
 - Subject to agreement with owners of identified properties, monitoring to take place in April.

RK asked why the noise monitoring was limited to 5 locations linked to the planning permissions and questioned if this was enough.

SW added that the topography of Mells may indicate why noise was experienced further away from quarry and suggested monitoring in the vicinity of The Talbot.

IS said that Hanson would look at the viability of adding further monitoring locations, over and above those set out in the planning conditions for Whatley, in the noise monitoring due to start soon. *Action*

MF added that just because the scheme had been agreed by SCC didn't mean that there couldn't be additional locations added.

AOBs

AC outlined a proposal made at the Torr quarry liaison group re numbering HGVs on their doors to allow for easier identification. IS said this sounded like a good idea and Hanson would investigate feasibility. *Action*

LR referenced trees down on pathways along the Mendip Way/Asham Wood. IS said they would be investigated and removed. *Action*.

SW asked about the footpaths close to the quarry entrance. VP agreed to review the verge and cut it back if necessary. *Action*.

RW said he had a good meeting with Alex Pitt re ash dieback and biodiversity action plans at Vallis Vale. He asked if there had been any follow up about the concept of acoustic fences near the railway at Great Elm. IS said he was following up with Alex Pitt on this. *Action*

Proposed open day date (Sunday August 21st) clashes with Mid Somerset Show. Alternative open day date to be arranged. *Action*.

Next meeting: 28th June at 17.30.

(TEAMS/in person hybrid meeting)

Summary of actions

Whatley quarry update:

- SS to liaise further with Freight Liner's comms manager re invitation to attend a future meeting, providing an update on activity.

Blasting:

- Add presentation by Hanson's blasting specialists to community website, further to suggestion from NP.
- Invite EPC to provide further information on frequency and blasting.

Hanson's route to Net zero:

- Include link to MG slides on meeting minutes.
- MG to provide further feedback to AB re what is being done to seek alternatives to opening new quarries instead of e.g. increasing the use of recycled materials in construction.

Westdown – proposals to update existing planning consents:

- IS to check IP situation as to whether the findings of a recent socio-economic report re benefits of reopening Westdown can be shared, further to RK's request.

Whatley – noise monitoring:

- Hanson to look at the viability of adding further monitoring locations, over and above those set out in the planning conditions for Whatley, in noise monitoring due to commence soon.

AOBS:

- Hanson to investigate feasibility of numbering HGVs on their doors for ease of identification, following proposal at Torr quarry liaison group.
- Trees on Mendip Way/Asham Wood pathways to be investigated/removed.
- VP to review the verge and cut back, if necessary. Also review footpaths close to quarry entrance.
- IS to follow up with Alex Hemming re acoustic fences near the railway at Great Elm.
- Revised open day date tbc.

(ENDS)



➤ Hanson's route to net zero - Whatley liaison meeting

Marian Garfield
Sustainability director
Hanson UK

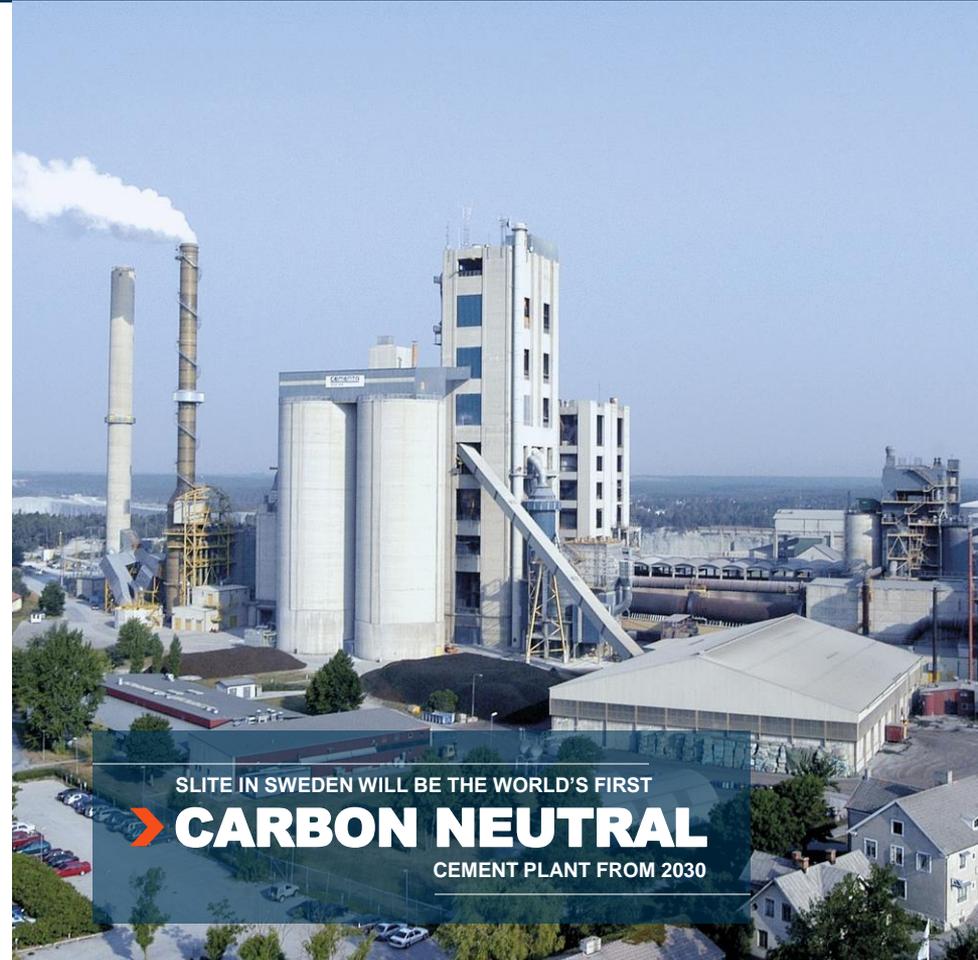
COMMITTED TO REACHING

NET ZERO CARBON

BY 2050

➤ HeidelbergCement

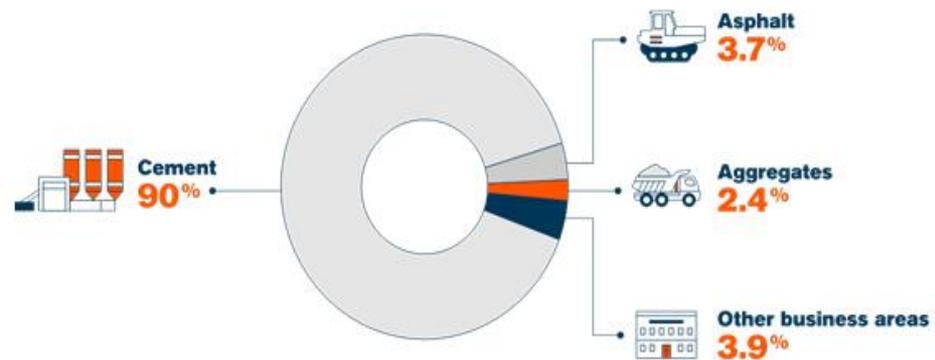
- The first global cement company to sign up to the SBTi for a 2°C reduction in accordance with Paris agreement
- Joined the 'Race to Zero' and have committed to a 1.5°C reduction in global temperatures and to become a net zero business by 2050
- Recognition from CDP (Carbon Disclosure Project) with a place on the "Climate Change A-List 2020" as one of the leading companies worldwide for its commitment to climate action
- Major research projects underway globally. Over 1,000 employees at facilities in Heidelberg and Bergamo – alternative materials, new cement types, carbon capture and storage (Brevik in Norway, Lixhe in Belgium, Padeswood in the UK)



SLITE IN SWEDEN WILL BE THE WORLD'S FIRST

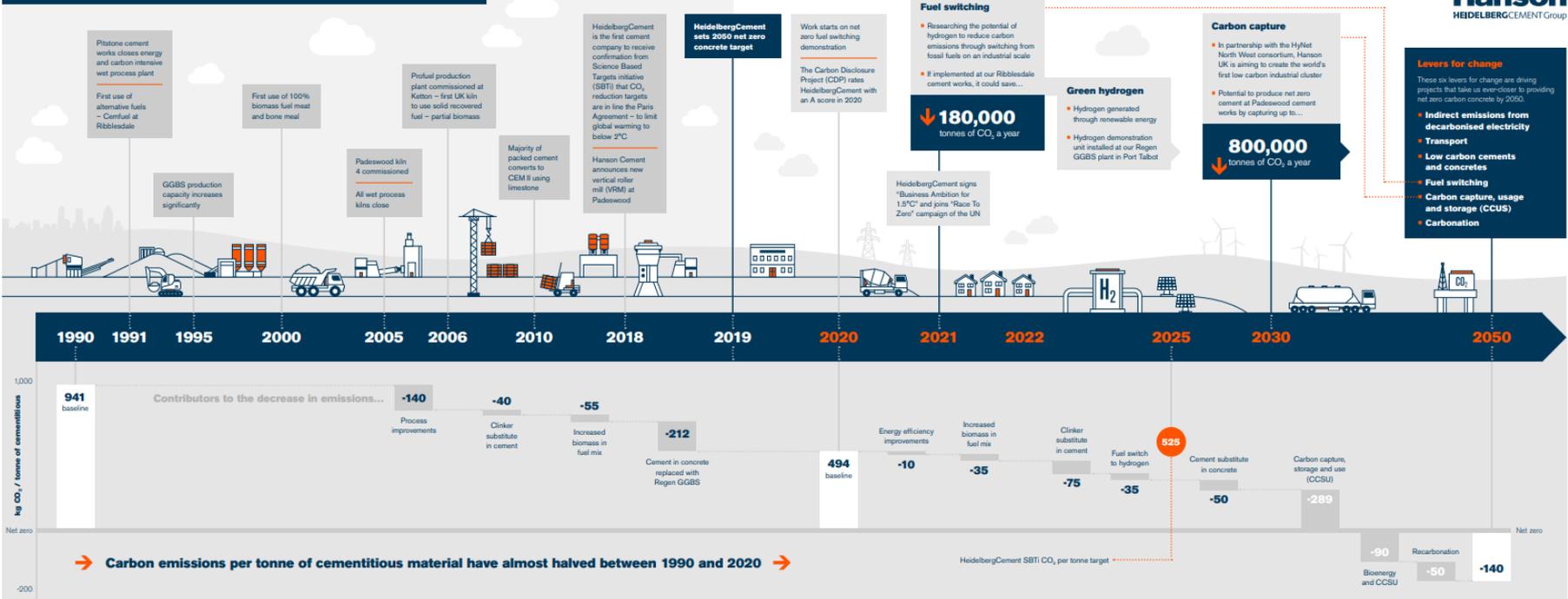
➤ **CARBON NEUTRAL**
CEMENT PLANT FROM 2030

➤ The challenge



Carbon reduction levers

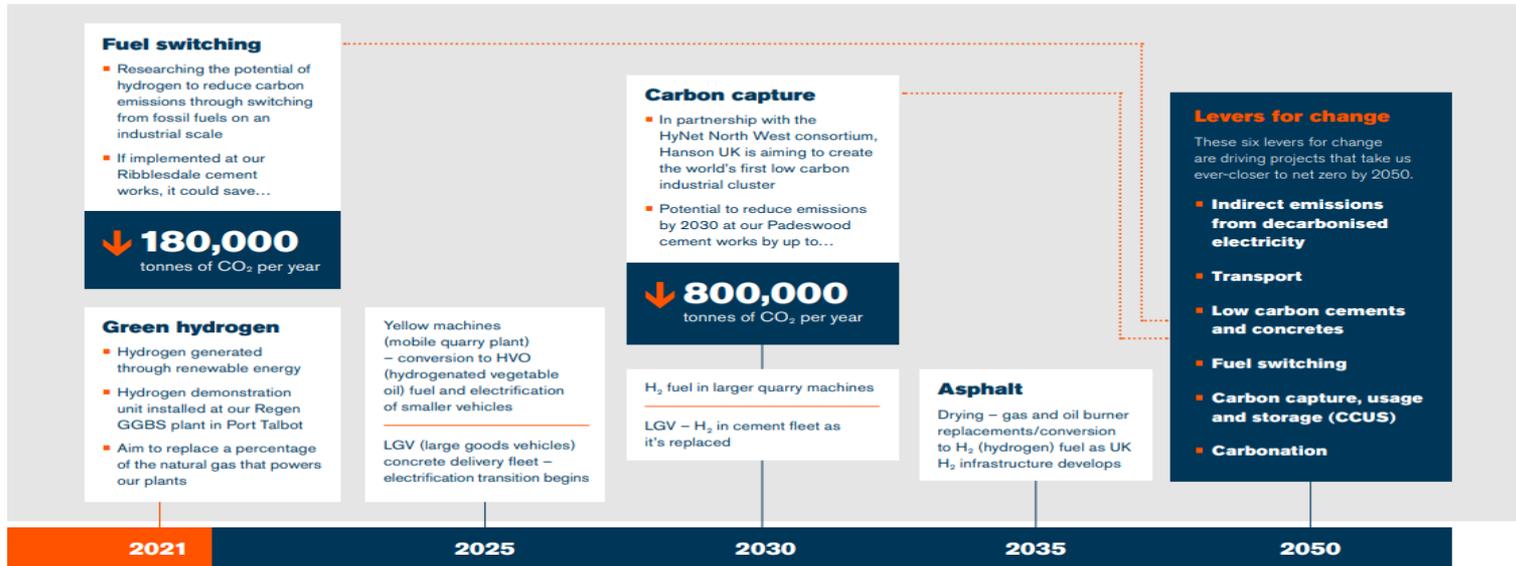
Hanson UK Cement and concrete net zero carbon roadmap



Future Levers

OVERVIEW

Our actions today and what Hanson UK has planned



AGGREGATES





FUEL CONSUMPTION REDUCED BY

> 8-11% PER TRIP

DUE TO NEW DREDGER



RAIL DEPOTS OPENED IN 2021 HAVE

> SAVED 27,000

HGV MOVEMENTS



INVESTING
£55M BY 2025
TO CUT CO₂ EMISSIONS BY A FURTHER 15%