



UK NEWS



Welcome to UK News 19th January 2023
your weekly update from around CEMEX UK
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HEALTH & SAFETY

Message from Health & Safety Committee Chairman

A message from Lex Russell, Chair of the UK Health & Safety Committee

Never Forget Stay Safe



Peter Reynolds
Aged 28



John Altoft
Aged 29

The first quarter of a new year historically sees an increase in incidents as production ramps up. I wanted to, therefore, take this opportunity to remind everyone of the vital importance of keeping Health & Safety our number one priority at all times.

We are approaching the anniversary of two fatalities in the business, the details of which can be found in the briefing at the end of this document. These tragic deaths were devastating for their family, friends and colleagues and undoubtedly that pain continues to this day.

Please use this briefing with your teams as a reminder that looking after yourselves and each other is the most important thing we do.

There are inherent risks in our work so we must always follow the Safety Essentials and Driving Essentials, Take 5 to Stop & Think before starting a new task, and remember to Step In if we believe someone is putting themselves or others at risk.

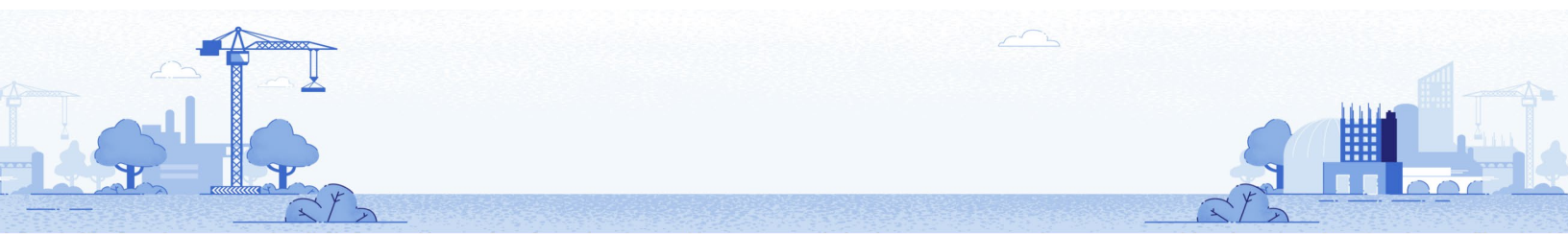
Together we can ensure we remain safe and healthy, and return home to our families every day.

Please share the Never Forget, Stay Safe briefing on your workplace notice boards. You can find this at the end of this document and on the UK News download page:
www.cemexuknews.co.uk/downloads

Safety Alert – Updated Learning Points



In September 2022, we shared a Global Safety Alert relating to the death of a cyclist in a collision with a company truck, in our operations overseas. You can read full details here: [Latest Global Safety Alert – CEMEX UK News](#).



The Global Safety Alert has been revised after further learning points were identified by an extended investigation into the fatal road traffic incident. The additional learning points are documented on the second / supplementary slide of the Alert and include the requirement for:

- Correctly functioning vehicle safety features.
- Vehicle mirrors to be properly adjusted.
- Ensuring appropriate action is taken where defects are identified, with vehicles taken off the road where the faults relate to safety critical items.
- Effective driver training with suitable refresher sessions.

You can find the revised Global Safety Alert at the end of this document and on the UK News download page: www.cemexuknews.co.uk/downloads Please display on workplace notice boards.

Managers and Supervisors are asked to review the Alert with their teams and relevant contractors, taking action where any shortfalls in standards are identified.

Bill Steps In (Twice!)



On a wet and miserable day last week, Willington Quarry Manager, Bill Newton (image), had a busy day helping out two members of the public who had found themselves in need of assistance – both incidents were outside the quarry boundary so they could have been left for others to resolve, however, Bill and his team Stepped In and took action, not only to make the situations safe but also to provide comfort and refreshment to the people involved.

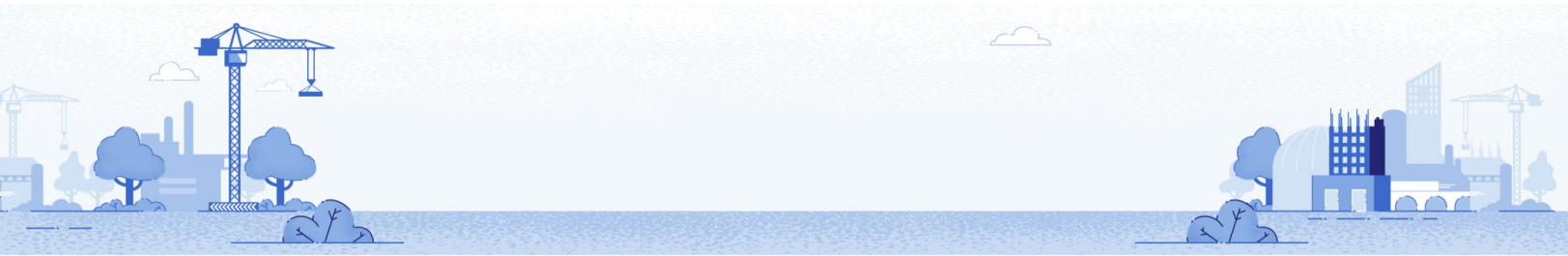
At 9am on the day, Bill received a report of a stranded vehicle at his top gates. Taking his pick-up truck, Bill went to investigate – the road into the quarry was flooded at the time and only passable in a 4x4 or HGV. On the far side of the traffic lights Bill found a Mini with a driver who had driven into the flood water whereupon their engine had failed.

Fortunately for the Mini driver, some maintenance workers were doing repair work nearby on a railway culvert. They pulled the car out of the water onto our road. Bill put in place some hazard warnings around the car as trucks were still active on the road. By then the driver was very cold and Bill took them back into the office for a hot drink while they awaited their recovery.

Driving back to his main gates Bill found another driver in a car who had been involved in an accident on the A38 and was waiting for assistance. Bill and his team moved this car into a safe place, gave the driver their contact number and asked them to call once recovery was on site so we could help manage the recovery.

Back at the office, Bill was able to communicate with the first driver's people using the main gate's What 3 Words location, to prevent the recovery truck driving into the flood water. Both cars were eventually recovered, and the team received two phone calls later that afternoon to thank us for our help.

Well done to Bill and his team for Stepping In, making the situations safe and providing comfort and assistance.



Do You Smoke? We Need Your Help!



One of the Wellbeing Strategy Group's focus areas is to help any employees who may wish to stop smoking or reduce the amount they smoke. The group is currently identifying potential activities and resources that could be made available for CEMEX UK employees.

However, we want to make sure the right support is provided – in the most appropriate format and at the best time for employees.

To do this, we need to hear from anyone who smokes – even if you have no desire to stop smoking at all! Please complete our anonymous survey, accessible [here](#) and via UK News. It's only 10 questions in length and shouldn't take more than 10 minutes. It asks about your smoking habits, any 'stop smoking' resources you have used previously, and what you think could work well for employees.

We would love to hear your opinions, and these will help us decide what activity is organised for employees – watch this space. Thank you for your support!

Some facts about smoking:

- There are about 6.9 million adult cigarette smokers in the United Kingdom.
- Overall, the proportion of adults (aged 16 and over) smoking in Great Britain has been declining since 1974 (when national government surveys on smoking among adults first began).
- Across Great Britain, since 1990, there has been a steady increase in the number of smokers using mainly hand-rolled tobacco.
- In general, men are more likely to smoke than women.
- Since 2010, smoking has become less common across all age groups.
- Smoking continues to be lowest among people aged 60 and over.

Considering giving up? Here are some initial resources to help:

<https://www.nhs.uk/better-health/quit-smoking/>

<https://www.nhsinform.scot/healthy-living/stopping-smoking>

<https://www.blf.org.uk/support-for-you/smoking/how-can-i-quit>

<https://www.bhf.org.uk/informationsupport/heart-matters-magazine/wellbeing/stop-smoking>



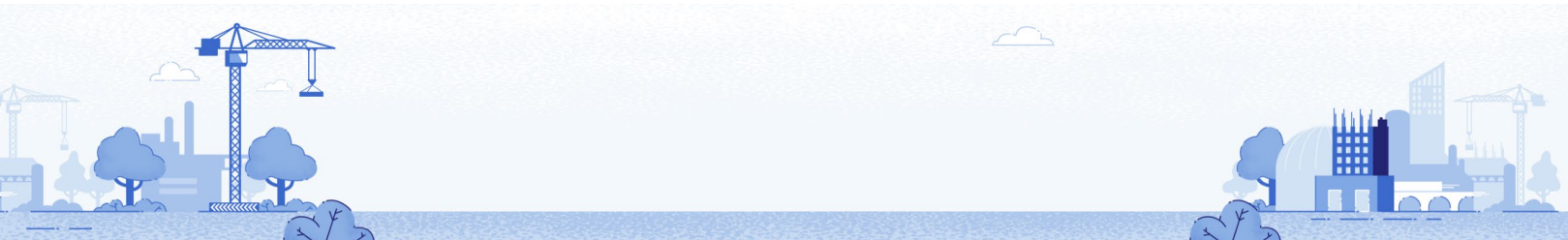
CUSTOMER CENTRICITY

First-of-a-Kind Bearers



CEMEX developed and supplied a record 10.7 metre length bearers for a project known as 'Lewisham' which was installed within the UK Rail Infrastructure on the approach into Lewisham railway station in South London.

The installation began on Christmas Eve and was a nine day around-the-clock railway upgrade and renewals programme.



CEMEX UK's specialist bearer facility based in Somercotes, Derbyshire, were the sole supplier of all concrete elements in this project.

The concrete consisted of over 600 individual concrete crossing bearers ranging from lengths of 2.5 metres up to 10.7 metres with the total project having 2,185 linear metres of concrete. We supplied 18 of the 10.7 metre bearers, making these the longest bearers to be first used on the UK rail network.

Terence Clair, CEMEX's Business Manager for bearers, gave us some insight to the complexity it offered his team at Somercotes:

"Firstly, I need to say a big thank you to all the team at Somercotes. They have shown that working together as one team makes projects of this magnitude possible.

The Lewisham project was always going to be challenging, not just for us as the concrete supplier but the whole project team and its supply chain. I was approached Network Rail's Project team in early 2021 and was invited to a project design meeting. On seeing the first draft drawings I knew this would be a fantastic opportunity for CEMEX. I knew we would need to change a few processes due to the sheer length of 10.7 metre bearers but as a whole, our proven manufacturing processes allow for such a challenge. In addition to the bearer length, the project included split modular bearers with both full size and reduced shear plates, a third rail and under bearer pads.

Our bearers are safety critical to the UK rail infrastructure and are the foundations that allow the UK trains to run safely. With this responsibility comes a lot of quality and complexity within our process. The photos show the size and complexity of the project, which in addition to the concrete, included over 700 metres of new rail, 6,000 tons of ballast and 1,000 metres of conductor rail were part of the installation."



FUTURE IN ACTION

Your Meetings Can Help Coventry Foodbank

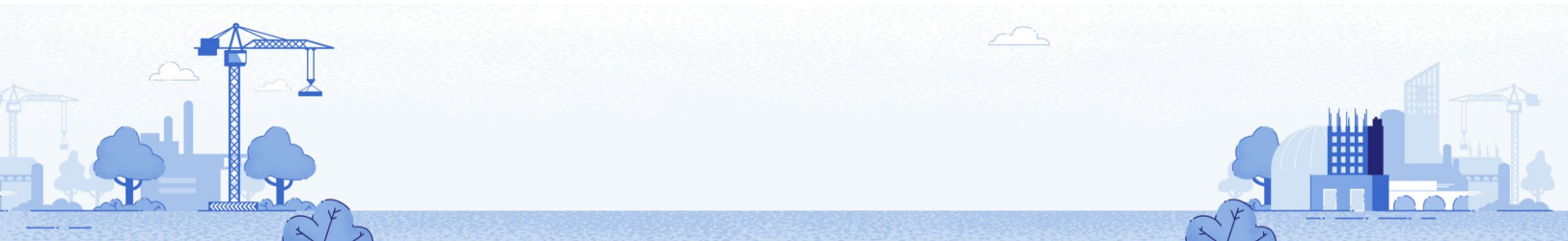


If you are based in CEMEX House did you know that your team meetings could contribute to making a difference in our local community? Read on and you can find out how!

Every little bit counts

You may not know this but one quarter of Coventry's population live below the breadline. That's 90,000 people. The Coventry Foodbank is located only three minutes from CEMEX House at the Halo Centre and is currently working to address this food poverty. Coventry Foodbank is the biggest warehouse in the Feed the Hungry Network. It services 14 foodbanks in Coventry relying on public donations and 350 volunteers to keep things running.

The foodbank is currently feeding 2,500 people per month (three days provision of food). In 2022, the foodbank distributed 440 tons to families. Due to the cost-of-living crisis, this number is expected to increase by 46% in 2023.



Feed the Hungry feed 500,000 children a day through the school feeding programmes in African countries. This provides a child with a hot meal, an education, allows girls and boys to grow up together to learn to respect each other and to keep the girls safer for longer. The organisation also responds with emergency food and relief during disasters like the Haiti earthquake, COVID outbreak in India and Nepal, and Syrian crisis. The foodbank continues to send support for families in Ukraine and Lebanon.

What can you do?

Now that we know the depth of the challenge, here is where you can make a significant difference:

1. Volunteer at the Coventry Foodbank – within two hours you can pack food parcels to feed more than 50 families.
2. If you would like to hold your meetings close to CEMEX House, but offsite, the Coventry Foodbank has training facilities available. The cost of each training session can contribute to feeding three families.

For more information on volunteering at the foodbank or their training facilities, get in touch with Chiedza Mupfumira, Social Impact Specialist chiedza.mupfumira@cemex.com.

New Bio-Sourced Admixtures Launch



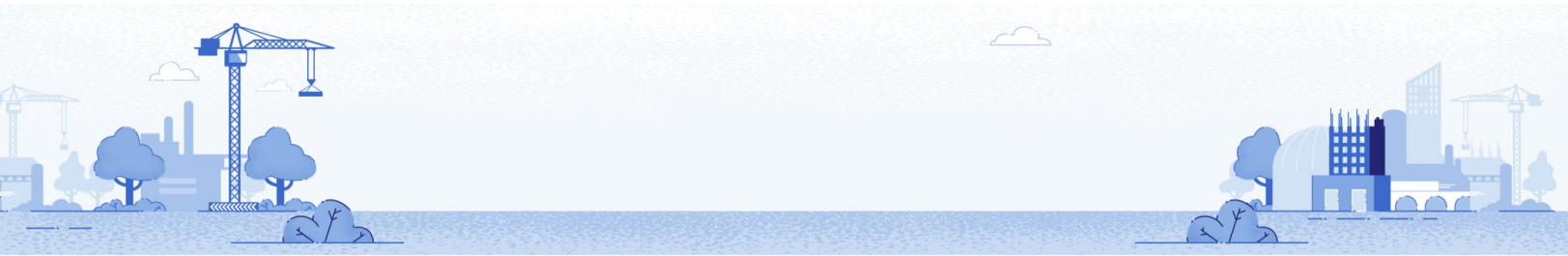
CEMEX have launched a new range of bio-sourced admixtures designed for a reduced carbon footprint. These admixtures use natural, renewable, and locally sourced raw materials and may achieve a carbon footprint up to 70% lower than traditional oil-based admixtures.

Admixtures are added to concrete mixes to enhance attributes such as strength, workability, and water demand while reducing related carbon emissions and promoting more sustainable practices in construction. Thanks to a unique production process,

CEMEX Admixtures are the first in the building materials industry to deliver these attributes while utilising bio-based raw materials. The new range of admixtures is part of CEMEX's portfolio of Vertua building solutions with enhanced sustainability attributes. The products are expected to be launched across CEMEX's markets in Europe, the Middle East, and Asia and will roll out to other markets in the coming months.

"Innovation is at the core of our efforts to become a carbon-neutral company and foster a more circular building materials industry. Our new range of bio-based admixtures plays an important role in that transition," said Fernando A. González, CEO of CEMEX. "Concrete, with its strength and durability, is by nature a highly sustainable and recyclable construction material. Innovative admixtures aim to enhance those sustainable attributes for our customers further."

You can read the full press release [here](#).



Climate Action Readiness Assessment



As part of our continued efforts with our Future in Action program, you are invited to participate once again in our Climate Action Readiness Assessment (CARA).

Your answers will help improve a variety of communication, learning and engagement initiatives about climate action at CEMEX. Consistent with all our internal assessments, all

responses are confidential and anonymous.

The survey can be accessed through the following link
<https://survey.alchemer.com/s3/7124506/CEMEXCARA2023>.

The assessment should take you no more than 20 minutes to answer. **Please respond by 27th January.**

If you have any questions or comments, please feel free to reach out to Ingrid Ocejo at ingridgiovanna.ocejo@cemex.com.

Thanks again for your support.

Future In Action 2022 Highlights



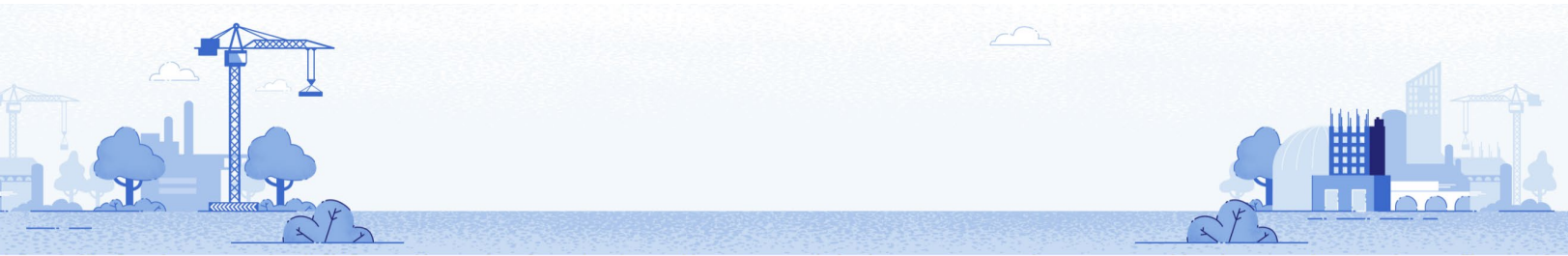
2022 was a year of lots of achievements in the sustainability roadmap of our company, through our Future in Action strategy.

Future in Action is our company's program to achieve sustainable excellence through climate action, circularity, and natural resource management with the primary objective of becoming a net-zero CO2 company. Through Future in Action, our company

has achieved record-breaking progress in reducing its carbon footprint.

Among all the FiA achievements in 2022, these are the highlights that you can't miss:

- [CEMEX and Synhelion achieved breakthrough in cement production with solar energy.](#)
- [Our company successfully turned CO2 into carbon nanomaterials.](#)
- [CEMEX and partners inaugurated the Carbon Neutral Alliance.](#)
- [CEMEX decarbonization goals were validated by the SBTi for alignment with the 1.5°C scenario.](#)
- [Our company 2050 net-zero roadmap was validated by SBTi.](#)



Take Part in the Big Garden Bird Watch



The RSPB Big Garden Birdwatch is taking place 27th – 29th January. It is fun, free and for everyone.

Sign up for your free guide or go online and let's look out for birds together.

By taking part in Big Garden Birdwatch you, and hundreds of thousands of other like-minded nature lovers, will be taking action to protect our birds for generations to come.

Taking part is as easy:

1. Watch the birds around you for one hour.
2. Count how many of each species of bird lands on your patch.
3. Go online and tell the RSPB what you saw.

Find out more [here](#).



PROFITABILITY

What can you do to Save Energy?



We all play a part in reducing CEMEX's energy use – whether we are based on site or in an office, and whichever business unit we work for.

That's why the UK Energy RRT is encouraging all teams to participate in dedicated 'Toolbox Talks' during w/c 30th January. Please take 10 minutes to talk with your colleagues about the individual actions you can take to cut down on the energy being consumed by our operations.

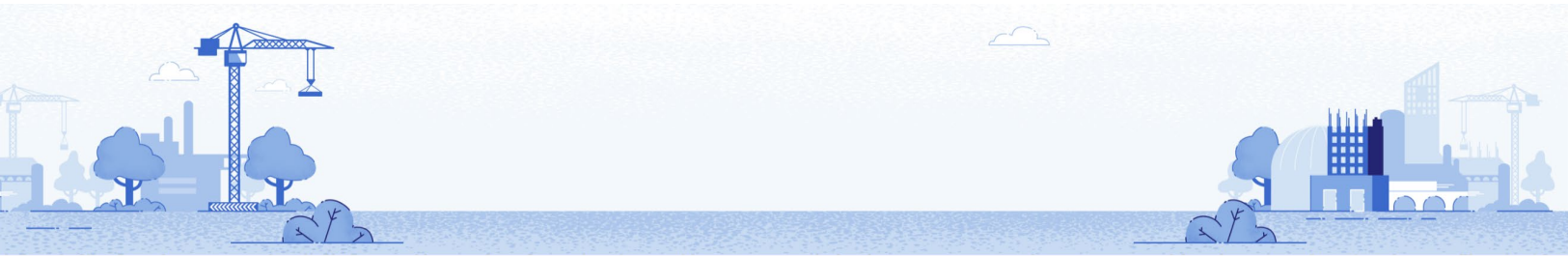
To facilitate this, we've created two posters, one for offices and one for sites, which you can find at the end of this document and in the download section of the UK News website: www.cemexuknews.co.uk/downloads

Certain sites will have received hard copies of these posters, but if you would like some sent to you, contact gb-communicationsandpublicaffairs@cemex.com

A short briefing document will be available for download in UK news next week.

We've also created a folder on SharePoint packed with useful info for operational sites, including:

- Triad reports.
- Christmas shutdown report.
- Centrica web portal.



- Aggregates and Readymix Power BI dashboards (specifically energy and background energy pages).

Visit this SharePoint folder [here](#).

Please book in a quick catch up with your team to discuss your energy use – **together we can make a real impact!**

Supply Chain Rail 2022 Success



Last year, the Supply Chain Rail operation completed over 1,500 movements across the country, delivering our materials where they are needed by our customers safely and efficiently.

Using trains has removed the equivalent of over 136,000 truck movements and saved over 15kt of CO₂.

We're very proud of the efforts of our teams to make our supply chain more sustainable! Well done to the Supply Chain Rail team.

Yorkshire Readymix Wins EXCEED's Idea of the Month

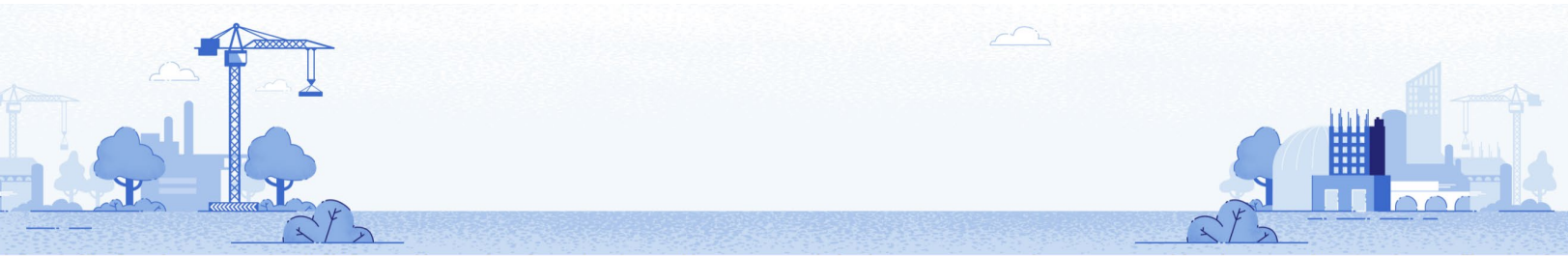


On behalf of the Management Team, another big 'Thank You' goes out to everyone for continuing to develop and implement their ideas that will help make CEMEX a Safer place to work, with better Quality and greater Efficiency / Effectiveness.

The following summary gives a brief overview of the ideas from the December 2022 competition:

- South West Readymix – The previous car park meant that you had to drive against the natural flow of traffic or drive around the plant that brought you in to potential contact with loading shovels and mixers.
- The new car park is away from all traffic routes with a clear pedestrian walkway to the batch office.
- Sandgate quarry – Increased size of the step along with installing a steel chain which will act as a handrail, increasing safety while climbing the small ladder.
- Yorkshire Readymix – Performed a study which led to the design and implementation of an automatic lubrication system on Erie Strayer mixers. The improvement has resulted in very little wear to the mixer and saved at least £270,000 in replacement parts.
- Angerstein Wharf – Demolished the old feed tunnel which has eliminated the chance of machine tipping over / vehicle contact, increased stacking space and slightly reduced diesel usage.
- West Heath quarry – Installed a soft closing mechanism to the gate on a sloping walkway, to minimise the chances of the gate hitting another person behind.

Our congratulations go out to Gordon Renshaw and the Yorkshire Readymix team who took the top award this month! If you have an Erie Strayer or similar type of mixer, please consider whether a system like this would work for you!



Find out all about their winner idea in the summary at the end of this document, and on the UK News download page: www.cemexuknews.co.uk/downloads You can find the high-level PDF presentation of the winning entry to share with your teams here: https://cemex.idhall.com/idea/view.php?id=id=317&vw_ccache=63c52a89-1



Here is a direct link where you can search for any topic: <https://cemex.idhall.com/>



EMPLOYEES

Do you have a Question for Lex?



We want all of our employees to feel they can ask questions of our business leaders and receive transparent answers.

While Team Talks and the annual Communications Forum offer this, many of you have requested the ability to have more frequent opportunities so are launching **ASK LEX**.

If you have a question related to the business then Lex Russell, Managing Director of UK Materials, is happy to answer this for you or find someone who can. All questions are welcome – whether it is around strategy, performance, pricing, our products, site portfolio, or matters related to employee health and wellbeing.

Simply send any questions through to gb-communicationsandpublicaffairs@cemex.com and the Communications team will manage this directly with Lex. Written answers will then be provided back to you and, if appropriate, shared in UK News for others to read.

Please note that questions cannot be handled anonymously.

We look forward to hearing from you!

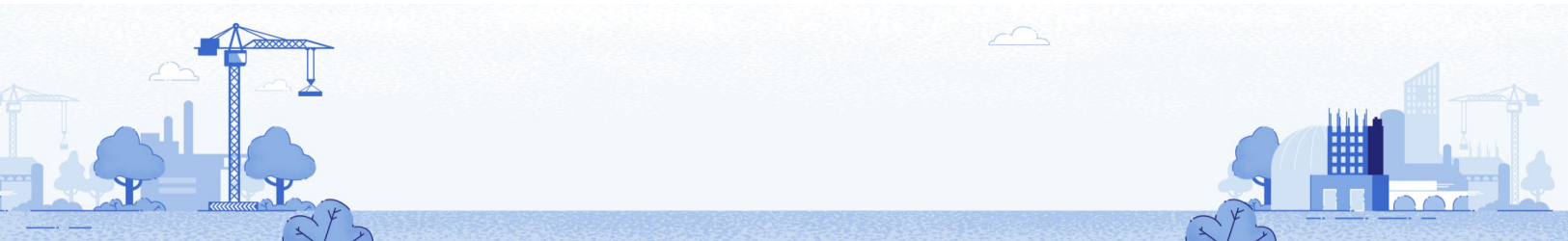
Awesome SAS Trek Achievements



Two brave Night Shift Drivers, Les Tucker and Kevin Wright from the Rugby Cement plant, have shown outstanding stamina and determination by competing in an SAS Endurance course usually used for SAS training in the Brecon Beacons.

The race is considered extremely tough, with many not completing it due to the extreme terrain.

A huge congratulations and well done to Les and Kevin, aged 55 and 58 respectively, who both completed the course.



Thinking of Joining a Gym in 2023?



If one of your new year resolutions was to have a healthier lifestyle, you may be considering joining a gym.

CEMEX are committed to promoting the health and wellbeing of our employees and to optimise the opportunity to improve their own health. Keeping physically active can prevent major illnesses and is the basis for a healthier lifestyle.

Did you know that your CEMEX Lifestyle platform offers MyGymDiscounts offering employees the opportunity to enjoy gym membership at a discounted rate.

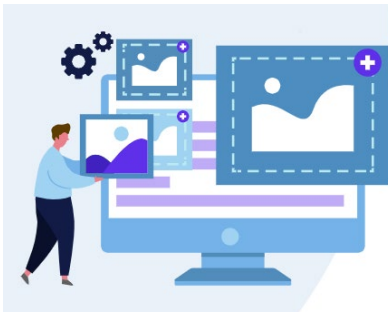
You may be able to get the lowest available corporate rates at over 3,300 health clubs and gyms across the UK, including major club chains, local leisure centres, hotel health clubs and independent gyms.

The main benefits of MyGymDiscounts include:

- Your choice from smaller independents to big names including Virgin Active, Bannatyne, Nuffield Health, Xercise4Less, PureGym, David Lloyd and more.
- Discounted rates apply to you and your immediate family.
- Discounts are available to existing members as well as new joiners.

Click [here](#) to find participating gyms in your area.

Looking for Pictures and Videos?



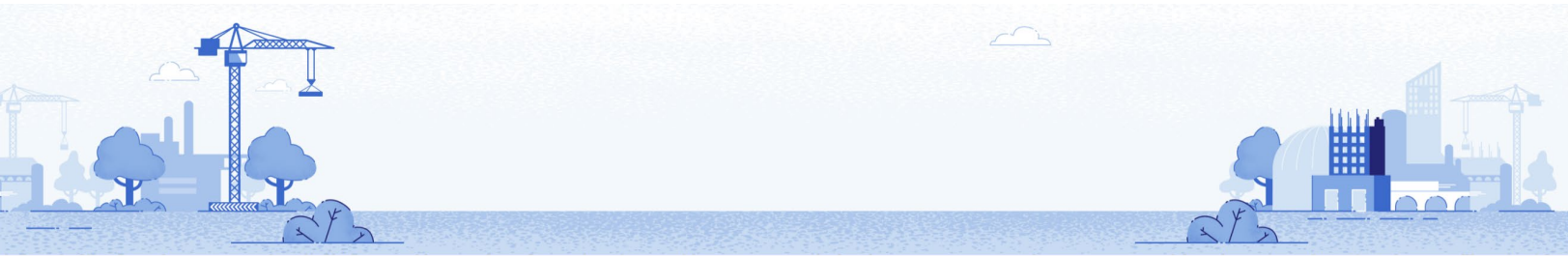
Visit our new Digital Media Stock!

In our new Digital Media Stock, you can find all CEMEX's digital assets, such as photos, videos, and music, with total external and global rights!

Click [here](#) to access the Digital Media Stock, accessible via spark!

Our assets are organised into different collections divided by priorities for easier search and sharing.

You can access it through the web or mobile without needing a VPN connection, and you can share it with all your colleagues and vendors!



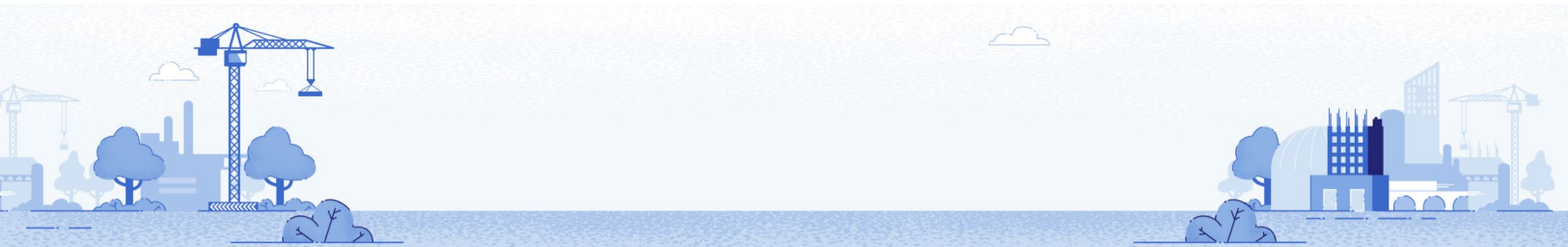
Internal Vacancies

IVC Ref	Position	Company	Location	Closing date
392-01-2023	Relief Multiskilled Operative	Materials – Aggregates	Midlands	26/01/2023
393-01-2023	Operative	Materials – Aggregates	Northfleet Wharf	30/01/2023
394-01-2023	Weighbridge Operative	Materials – Aggregates	Dove Holes Quarry	30/01/2023
395-01-2023	Class 2 Driver (Tipper)	Supply Chain - Materials	Jarrow	14/02/2023

We would love to hear from you for the next edition

To send us a story: either click on 'submit a story' on the UK News website or email gb-communicationsandpublicaffairs@cemex.com

If you can, please include a photo too (taken in super fine landscape setting and saved as a jpeg.) Thank you.



NEVER FORGET...STAY SAFE



Thanks to your commitment and efforts, our health and safety performance continues to improve, with the severity and frequency of injuries reducing. **If we are to continue to look after ourselves and each other, it is essential we don't forget the tragic lessons we have learnt in recent years.**

This week marks the anniversary of two deaths in our business:

- On the 15th of January 2008, Peter Reynolds, an employee died when a release of steam and the resulting pressure wave caused him to fall through cladding on the side of a building to the roadway below.
- On the 18th January 2012, John Altoft, a contractor, fell 10 metres to his death while erecting an internal scaffold.

Peter and John's deaths were devastating for their family, friends and colleagues and undoubtedly that pain continues to this day.

Please take some time over the next week either as a team, or individually to remember them both, and to consider if there are any things you could do to minimise the risk of workplace injuries:

- Do you always Take 5 to STOP & THINK before starting a new task?
- Do you speak up if there is a Safe System of work you can't follow or an improvement that can be made?
- Do you report near misses and hazards and STEP IN and talk with a colleague if they are at risk of injury?
- As a manager or supervisor, do you talk with your team about their safety and wellbeing, monitor safety standards and demonstrate your personal health and safety leadership at all times?
- Do we all follow the Safety Essentials and Driving Essentials and ensure we look after ourselves and each other?



Peter Reynolds was 28, married with a daughter Kayleigh. Peter had worked for us for 6 years, with his Dad having worked for the business for many years previously.



John Altoft was 29, from Scunthorpe, and was a few weeks away from his wedding day when he died.

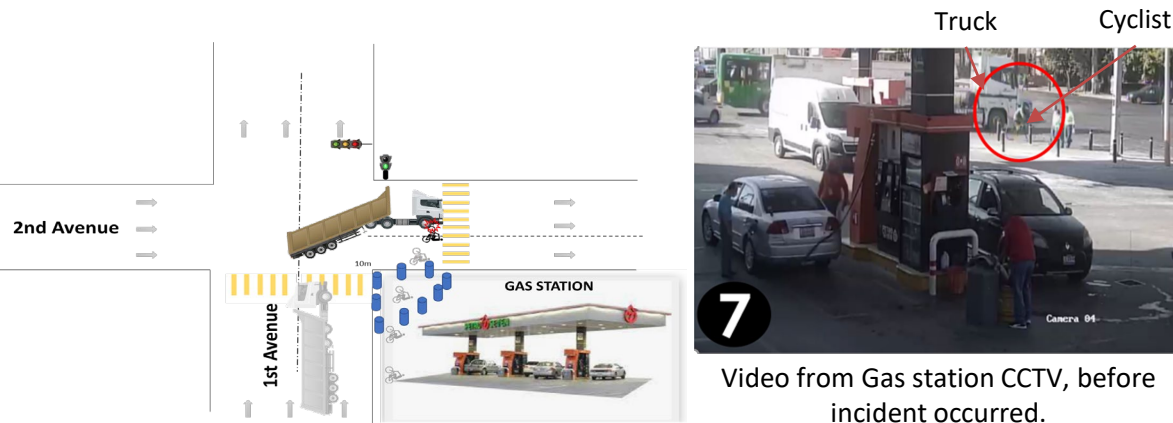


GLOBAL SAFETY ALERT

CYCLIST FATALLY INJURED

INCIDENT DETAILS

A company truck driver stopped at a red traffic light and when it changed to green, he moved forward and turned to his right. While making this maneuver, his truck collided with a cyclist who was travelling in the same direction along the inside of the truck. Our driver hadn't realized the incident had occurred until a member of the public in the area alerted him.



Video from Gas station CCTV, before incident occurred.

KEY FINDINGS

- The proximity sensors and right turn warning alarms were not working because of a design fault. *see update/correction on slide 2 .
- The truck driver said he observed the cyclist when he stopped at the red light but was then not able to see him as he turned right, because he apparently had a blind spot.
- The cyclist tried to keep moving without observing with caution that the truck was turning to the right. Also, the cyclist's position did not allow him to see the truck's right turn signal.
- The truck stopped at the red light in the wrong position, blocking the pedestrian crossing, although that crossing was not going to be used by the cyclist. CCTV also showed our driver edging further forward several times before the light changed.
- Several distractions were present before and during the right turn, which included some colleagues who waved to our driver as they walked past.
- The pedestrian lights turned green at the same time as the roadway traffic lights and this type of arrangement can create confusion about who has the right of way.

September 14th, 2022

SA 2022 / 09

MANAGERS – KEY POINTS TO CHECK

- All trucks have the correct vehicle safety features and there is a procedure in place to remedy faults promptly and to park trucks up if there are pending critical safety items.
- Pre-start checks are made by the driver every shift and any faults are reported on the check sheet record, and verbally as well when the defect is serious.
- Blind spot prevention mirrors are fitted and correctly adjusted and included in the pre-start checks each shift. Drivers are also trained to constantly review their alignment.
- All drivers, including contractors, are well trained in defensive driving, including how to help protect vulnerable road users.

ALL PERSONNEL – ACTION TO TAKE

- Always carry out your pre-start vehicle checks and report any defects. Never continue to use your vehicle if the fault is a safety critical item.
- Always be vigilant, regularly check your fields of vision and visibility aids and remain alert to the potential for vulnerable road users to be present.
- Never park across pedestrian crossings and always wait patiently at traffic lights and other stop signs. You might not be able to predict the actions of others, but if you always drive with caution, it can help prevent a serious incident.



Other Road Users



Safety Checks



Remember

GLOBAL SAFETY ALERT

CYCLIST FATALLY INJURED

EXTENDED INVESTIGATION

The investigation into this incident was extended to identify further learnings and subsequent actions to help prevent similar events in the future

KEY FINDINGS (Cont.)

- A truck inspection, after it was released by the authorities, confirmed the truck had all the correct mirrors as per the CEMEX standard. However, it was identified that their adjustment was not the optimal because of a lack of awareness by drivers and there was not a systematic requirement for the mirrors to be precisely adjusted before going on the road.
- Despite the truck also having proximity sensors, these were not connected at the time of the incident due to ongoing electrical issues within the truck electronic system that had developed soon after the unit was received by the operation.
- Due to operational needs, the truck was allowed to be on the road while the electrical issues were being resolved (sensors not operational), because at the time of the incident these devices were not considered in the operation as items that prevent the truck from being unsafe to use.
- The level of training that the driver received (Defensive driving and Vulnerable road users) was not effective, because there was not a formal process to ensure refresher training at specific intervals. This became more relevant because the driver had recently been relocated to a metropolitan area which was much denser in terms of Vulnerable Road Users compared to where he had previously been driving.

MANAGERS – KEY POINTS TO CHECK (Cont.)

- Pre-start checks clearly contain critical safety items that would prevent the truck from going on the road unless the item is working properly.
- The correct adjustment of mirrors is part of the daily activities for drivers before they go on the road.
- All drivers, including contractors, receive refresher training at adequate intervals on defensive driving and vulnerable road users.
- Drive along training exercises are included as part of the driver training program, especially for new or relocated drivers.
- There is a robust communication and sign off process between the local operation and the Procurement team to ensure all vehicle safety features are provided on new vehicles and that they are functioning correctly before the truck is commissioned for use.

ALL PERSONNEL – ACTION TO TAKE (Cont.)

- Always review and adjust the truck mirrors before you start operating the vehicle to ensure you have effective visibility of other road users and never operate a vehicle if a safety critical item is not functioning.
- Always follow the defensive driving principles and protection of vulnerable road users training that you have been provided.
- Always familiarize yourself with your intended route and think about the potential hazards and risks that may be present, including whether vulnerable road users might be present.



Other Road Users



Safety Checks



Remember



IN THE OFFICE, THE SMALLEST CHANGES CAN MAKE A BIG DIFFERENCE



I maintain heating at no more than 21°C when the office is occupied



I turn off the lights when the office is unoccupied (evenings and weekends)



I turn off my computer screen when I leave



I close doors behind me so heat doesn't escape out of the building



OFFICE FAN HEATER

A 2.4kw oscillating fan heater was left switched on at the start of October 2022 under a desk at one of our hub offices when the shift ended at 4:30pm.

It wasn't until the cleaner was on the floor at 7pm that this was noticed and switched off, by which time the heater had used 6kWh of electricity – all while heating an empty office.

**FUTURE
IN
ACTION**

CEMEX is committed to reducing its energy consumption by 10% in 2023. We can all act to protect our planet and support our business.



Building a better future



ON OUR SITES, THE SMALLEST CHANGES CAN MAKE A BIG DIFFERENCE



I maintain heating at no more than 21°C when buildings are occupied



I turn off the interior & exterior lights when the site is unoccupied (evenings & weekends)



I turn off my computer screen, and production equipment, when I leave



I close doors behind me so heat doesn't escape out of the building



READYMIX PLANT MIXER

The real energy consumption of an Erie Strayer mixer was taken between 4pm – 7:30pm on one of our rail fed Readymix sites.

The mixer was running throughout this time and consumed 163kWh of electricity (about the same as 115 cycles on a domestic washing machine!)

The TRIAD cost was over £9,000, compared to a non-TRIAD cost of £45!

**FUTURE
IN
ACTION**

CEMEX is committed to reducing its energy consumption by 10% in 2023. We can all act to protect our planet and support our business.



Building a better future

Erie Strayer mixer open gear greasing system

Gordon Renshaw | 8 Dec 2022 | ID317

🚩 Idea of the Month Competition Nominees

✅ Closed with success by Gordon Renshaw

Approver: Gordon Renshaw

Implementation coordinator: Gordon Renshaw

Plan: Quick Wins

Classes: Efficiency + Employee Engagement + Environmental + Health & Safety

Problem, context, environment, status

To coat and protect the open gears of an Erie Strayer mixer has a list of issues. Working at height, access and egress, efficiency, waste from over greasing and the time to do the task.

We needed a solution that solved all the above issues and was effective enough to save huge costs if it wasn't.

Resources: Over greasing, Access and egress, working at height



Over greasing



Access and egress, working at height

Description of the initiative

We needed an automated system that would place the open gear compound in the right areas, whilst the mixer was running and take away the need to work at height, carry objects into an awkward space. It needed to be efficient and reduce waste, it also needed to be effective. The ring gear is an integral part of the drum and if not properly protected, it would lose its hard surface and wear dramatically. This isn't a part that can be changed without replacing the drum. Last time we replaced the drum the cost was £250,000. We worked with Fuchs and Hayley's to find the right lubricant to protect and coat the gears.

Expected benefits

Eliminate health and safety risks, reduce wear, accurate and consistent lubrication and reduce waste.

Attached is a case study that Hayleys did for us.

Resources: Case study

Financial analysis

Title	Impact distributed over time	Forecast amount
Lubrication system	12-03-2020	-£8,167.0
Saved at least one replacement / refurbishment Please see attached PDF showing costings for replacing Carriage Rollers, Guide Rollers, Pinions & Gear Ring!	03-01-2022	£276,000.0
Total cost amount		-£8,167.0
Total gains amount		£276,000.0
ROI		£267,833.0
Profitability		3,279%

Gordon Renshaw – 16 Jan 2023