



Welcome to UK News 27th February 2020
your weekly update from around CEMEX UK

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BEING THE BEST FOR FAMILIES

Never Forget Gary Ward (February 2009)



This week marks the 11th anniversary of the death of Gary Ward on one of our quarries. Gary was only 43 years old, with two children, when he died while working beneath a tracked mobile crusher. Lex Russell and Andy Taylor still vividly remember the dark February day when they went to the incident scene and the unnerving silence across the



ISOLATION PROCEDURES

Never work on live or moving machinery – always “lock out”.

whole quarry like it was yesterday.

Effective isolation of machinery is one of our main focus points of this year's Health and Safety Plan, ensuring we have robust isolation (LOTOTO) arrangements in place which everyone understands and follows. Please use the briefing (at the end of this document or downloaded here: <http://www.cemexuknews.co.uk/downloads/>) as appropriate, taking time to recount the tragic events and consequences, and explain why it is so important that we always effectively isolate machinery before carrying out any maintenance.

- LOCK OUT...TAG OUT...TRY OUT
- Ensure equipment is isolated before starting work
- Always follow CEMEX Safety Essentials

Safety Sword Competition Hots Up.....



Thanks to Michel Andre for presenting the “Best in Sector” UK Health & Safety Awards last week, and to all the winners for their presentations as they compete for the National Health & Safety Award, the Safety Sword.



It was great to hear from Tony Drake, Matthew Yaxley, Mark R Brown, Andrew Bright, Daniel Bateman and Ian Phoenix about what their teams have done to involve everyone in our health and safety journey, and the good practices and continuous improvement ideas they have implemented to ensure ZERO4Life performance...

Well done!



Watch Out For Slips, Trips And Falls



Regrettably, during last week we sustained one employee LTI, the second incident this year, both related to slip, trips and falls.

A quarry electrician lost his footing and as he tried to support himself, suffered a fracture in the upper arm. The incident occurred at Raynes quarry in UK North when he was attending to an electrical terminal box mounted on a floating pontoon which had been pulled ashore to conduct the work safely.

An investigation is ongoing and learning points will be shared among our operations.

Midlands Haulier Health & Safety Leadership Day



The Midlands Haulier Health & Safety Leadership Day was held on 25th February at Volvo's Auditorium in Warwick. The event was hosted by Ian Phoenix and Nav Dhadwal and was attended by a number of hauliers from both Cement and Aggregates demonstrating their commitment to putting health and safety first.

The content of the day included health and safety performance, CEMEX global vehicle standards, future vehicle safety features and latest technology and mental health awareness training.

The day was a huge success with great feedback from our haulier community aiding us all in our journey to Zero Harm For Life!

8 Years LTI & TRI Free



Congratulations to the Supply Chain London team on reaching 8 Years LTI & TRI free - a significant milestone in which you should all be very proud.

This is a fantastic achievement considering the complex and challenging urban environment and is only achievable through your continued safety leadership and the support of the Materials team.

Well done to you and the entire team.



BEING THE BEST FOR CUSTOMERS

CEMEX UK's First CarbonNeutral® Concrete



Following the announcement last week about CEMEX's ambitious global strategy to address climate change, we are proud to present an important step to support this: the launch of the UK's first ready mixed concrete that is a CarbonNeutral® product.

Our new Vertua® low carbon concrete range features a variety of bespoke concrete mix designs and includes the 'Vertua ultra zero' option, which is a certified CarbonNeutral product. This product achieves a 70% reduction in embodied carbon emissions, with the remaining unavoidable emissions offset through working with Natural Capital Partners, a carbon offset and carbon neutrality specialist. Other Vertua products offer lower carbon alternatives to traditional mixes, including the option for customers to offset the remaining emissions.

Carbon offsetting is the removal or reduction of emissions of carbon dioxide or other greenhouse gases from the atmosphere in order to compensate for emissions made elsewhere. CEMEX will facilitate this by investing in projects which physically remove CO2 where possible from the atmosphere, such as planting more trees or protecting against deforestation through an independently audited and verified project.

This new product is a first for the UK industry and one we should all rightly be proud of. While Vertua is already available in France, we are the first CEMEX business to launch it complemented by the offsetting option to deliver net zero carbon concrete – a clear demonstration of the importance of the UK market to CEMEX. In line with our ambition for all CEMEX concrete to be net zero globally by 2050, the range will be gradually extended to other products and geographies in the future.

If you would like to find out more about our new Vertua range, please see the brochure at the end of this document or download here: <http://www.cemexuknews.co.uk/downloads/>, visit www.cemex.co.uk/vertua or speak to our Technical or Sustainability teams.

BEING THE BEST FOR SHAREHOLDERS

MPA Launch UK Concrete



A familiar face is heading up a new MPA campaign called UK Concrete. Chris Leese, former CEMEX UK VP, has taken on the challenge to spearhead the initiative. It is a new campaigning vehicle to promote and defend the UK concrete industry with a focus on non-technical audiences.

UK Concrete's principle objective is to protect and enhance concrete's reputation in the face of increased pressure from alternatives, particularly the timber industry, and position it as a material that is fit for the future.

For more information go to: <https://www.thisisukconcrete.co.uk/>



CEMEX-Tec Award Launches Global Call And Celebrates 10th Anniversary



For the 10th year in a row the CEMEX-Tecnologico de Monterrey Centre for Sustainable Development launched its call for the CEMEX-Tec Award around the globe.

The Award recognises entrepreneurs and students that develop high-impact proposals and projects regarding sustainable development, innovation, and social entrepreneurship. This Award offers funding, specialised workshops, and networking moments.

Please read the complete press release: <https://cmx.to/2V2im7z>

BEING THE BEST FOR COMMUNITIES

Readymix Midlands Team Lend-A-Hand



Readymix Midlands volunteered for the day at the “Blue Cross”, an animal rescue centre, to help where they could.

The plan at first was to help outside but due to the weather they were confined to the indoors.

They split into two groups of two, and completed an amazing array of tasks:

The first group in the morning had dog duties which included feeding, cleaning up, washing feeding equipment and walking - spending time with them to acclimatise them with people of all types.



The second group in the morning had cat duties which included feeding, cleaning and sitting with them to keep them company, and to get acclimatised with people. The groups then swapped over for the afternoon sessions.

The team even had time to erect some broken fences that had blown over in the storms. This is very important as the fences are for dogs that need to be kept separated.

The team in the main picture (left to right) are: Andrew Taylor (Relief Plant Manager), Jim Wainwright (Operations Manager), Terri Charles (General and Commercial Manager - Midlands), Andrew Mathewson (Relief Plant Manager) and George, the dog, who had found a new home. Terri wanted him but was told before she came to the rescue centre not to come back with a dog!!

Remember, if you are looking for a pet the Bluecross have rehoming sites across the UK. To find out more information visit their website at: www.bluecross.org.uk



CEMEX Spring Watch!



Spring is nearly here and it's very welcome after the long winter months. Sean Cassidy and colleagues will soon be getting on with the job of monitoring wildlife as required by the Biodiversity Action Plans.

Sean explains: "We get a lot of help from CEMEX staff, the RSPB, several NGOs (e.g. Butterfly Conservation, Wildlife Trusts) and visitors to our sites. We are very grateful for the help and enthusiasm we've received over the last year. I have prepared a summary of 2019 which was another good year. This subject is becoming more important for the business

because of changes to UK law requiring Biodiversity Net Gain and also because it links to the Dow Jones Sustainability Index."

2019 Summary:

- 69 species of birds on the red or amber lists were spotted in our quarries in 2019. Our Twite project at Dove Hole quarry continues to help prevent this species from going extinct in England.
- Our sites are also important habitats for insects especially as we don't use pesticides. Bumblebees were present at all of our sites with BAPs and some rarer solitary bees were also spotted. Some sites found nearly 70 species of insect. Of the UK butterfly species 70% of them were spotted at CEMEX sites during 2019. The rarest find was a Blind Cave Spider in the lesser Garth Cave at Taffs Well quarry – this spider is an IUCN listed species.



- Our sites are also home to many mammals. With 14 sites housing badgers, 12 have spotted brown hares and two sites are home to our largest mammals – red deer. Mammal populations in the UK are in decline so it's important for our BAPs to focus on projects designed to help them such as the Dormouse - found at only one of our sites in 2019.
- Legally protected amphibians and reptiles are also present at many of our sites. The best site for spotting reptiles is West Heath in Sussex as they've created specialist hibernacula and spotted Adders, Grass Snakes, Slow Worms and the Common Lizard.
- Wildflower diversity at some quarries is exceptional. We have three quarries with over 100 species, these are helped by the presence of pollinators.
- Fungi are regularly spotted at our sites as they need undisturbed land to thrive. They play a vital role in the ecosystem by breaking down biomass and putting nutrients back into the soil.





- Our BAPs help us create many different types of habitats across our sites and stakeholder engagement is also key to our success. For example, in the summer of 2019 a Butterfly Day at one of our 'mothballed' quarries in Fife, Scotland was held. We worked with the local community and the Scottish Butterfly Conservation Society to spot butterflies. They managed to spot 128 species in all, including wildflowers and 12 species of butterfly.

Our sites continue to provide a haven for British wildlife and create important spaces in which we can encourage and support some of the rarest plants and animals.

Use The Right Bin!



The team at NW Materials Readymix have had some signs produced to put on their recycling bins to encourage everyone to bin the right stuff in the right bin! BIFFA, our waste partner, are trying to encourage everyone to make sure they don't contaminate bins by putting the wrong things in. If this happens then the waste can't be recycled.

Paul Cheeseman commented: "Off the back of the latest environmental briefing issued and in an attempt to encourage staff and drivers at plants to put more effort into achieving our recycling targets, I've had GSB Signs produce this sign which I will be mounting at all Biffa bin points on every plant. GSB Signs have made these up on 300 x 400 Alupanel at £16.13 each."

Please take a few seconds when you are binning something to use the right bin. Every little decision you make on throwing out your rubbish makes a difference.

BEING THE BEST FOR EMPLOYEES

Owain Now A Master In Training



Congratulations to Marine's Owain Ap-Hywel, who has passed his exams to become a Master in Training. This means he can now embark on the next steps towards eventually becoming a ships Master.

Owain joined CEMEX in June 2018 and will continue to be mentored on board the Welsh Piper, to introduce him to the other marine disciplines and spend time with different people in different roles to progress his training. Our current Master Mariners, Ken Hunter and Matt Bland, will then advise when they

believe Owain is ready to take full command.

Well done to Owain for taking the next steps in his career.



Stay Cyber Safe



As a large global company we are often targets of cyber attacks and the CEMEX IT Security team work hard to prevent them.

Did you know that last year they blocked 46.7 million emails that came from SPAM, 1.3 billion malicious sites, 7.5 million malware threats, and 991 million network threats? Well done to the team and everyone for being vigilant. Keep going!

How to spot a malicious email:

- Always check to determine whether the sender's email address matches the name of the sender.
- Always check if the email contains an attachment and a link you didn't request.
- Always check the subject lines, some criminals intrigue the recipient creating a sense of urgency, but the content of the email includes only an attachment or link.

Avoiding Potential Bribery



Please remember to complete the Entertainment, Gift and Travel form for when CEMEX either provides or receives hospitality with a value over £100.00. It's a procedure we have in place to check for any potential bribery and to keep you free from suspicion.

We have upgraded the form through the Microsoft app (Forms) to make it easier to use. The link is:

https://forms.office.com/Pages/ResponsePage.aspx?id=AZDhbsTQ-EWvi_8A8W0H4aYTJgYNStpLITYcpFERaVFUMjRWQUZZSIBMUVNGRkxjYRzFEQ0haOCQIQCN0PWcu

If you have any questions please contact the UK Legal team via Emma Wright:
emmajane.wright@cemex.com

New Printers For Better Efficiency And Cost



As ongoing efforts to improve working efficiencies, reduce our environmental impact and control costs we are implementing the leading print management software application called PaperCut.

You may have noticed the software appear on your computer already.

The software will be used with the A3 and A4 office printers including the new Kyocera models and Toshiba printers. Every time you print off a job the theoretical cost will be calculated and displayed. This cost will accumulate throughout the month so that you can track these costs. It resets on the 1st of every month.



We are also pleased to say that we have secured a new contract to replace our ageing Toshiba office printers with the latest models from Kyocera. This will start immediately and will last for approximately four weeks. The cost per copy has been reduced by 50% and an automatic monitoring and replenishment process is retained. Moving forward, we will be introducing other new functionalities which will provide easier and more secure ways to print when working in CEMEX offices.

Concur Update



It's now been over four months since Concur was launched and there has been a lot of learning for us all along the way. Clare Pickering, Director MFS & Ops Support UK, kindly sent this update to everyone last week:

The concur team has received positive feedback about the platform and its functionality, however, they wanted to take this opportunity to reflect on common issues/queries from employees and share information to help when using Concur in future:

- If you are unable to get a VAT receipt or a receipt, a no receipt declaration should be completed – please download the guide here: <http://www.cemexuknews.co.uk/downloads/>.
 - A Visa receipt is not a receipt. Please **do not** attach these to any expense claim.
 - Please note that you need to put a status of “receipt” or “tax receipt” in order to complete the affidavit.
 - All mileage claims **must** have a fuel VAT receipt that covers the journey they are claiming for. You **cannot** complete a no receipt declaration for these.
- When you are claiming expenses relating to entertainment and business meals please ensure that you put the attendees in the relevant section.
 - If the cost is over £100 per person for entertaining, then you will need to complete an anti-bribery form, and have it approved by the legal team **before** you continue to submit your expenses.
- It is **very important** to put the city of purchase in the expense claim so the VAT can be accounted for correctly.
- Please do not submit claims for items that have not appeared in Concur from NatWest. We have had instances where people have entered credit card expenses ahead of receiving the information. These are then treated as cash expenses, get paid accordingly, and then individuals have had to reimburse CEMEX.

Other updates:

- We are working on the delegate process to make it easier. This is when a Manager acts as a delegate for an employee who has no access to Concur and has to submit their expenses. Please download the guide here if it is relevant for you: <http://www.cemexuknews.co.uk/downloads/>.

Putting expenses through SAP is no longer accepted. Everything must go through Concur. In order to comply with Global Policies. If you do not submit expenses incurred on a corporate credit card within 30 days of having incurred them we will stop future use of that card. A reminder to you may not always be possible, so please ensure you keep everything up to date.



Thank you for your continued commitment to using the Concur system. As always, please do raise any queries via a ticket with the GSC.

Wedding Bells At Stourton!



Huge congratulations to Brett Haigh, Multi Skilled Operator from Stourton depot and Asphalt plant who recently got married to his fiancée, Megan.

The picture shows the happy couple with members of the team from Stourton - as John Beard, Site Manager, put it: "A great photo of a great team on a great day!"

Internal Vacancies

IVC Ref	Position	Company	Location	Closing date
40-02-2020	Transport Planner	Materials UK South	Fulham Office	27/02/2020
41-02-2020	Wharf Operative	Materials UK South	Brighton Wharf	06/03/2020
42-02-2020	Multi Skilled Operative	Materials UK North	Divet Hill	06/03/2020
43-02-2020	Commercial Administration – Accounts Receivable Team Leader ***Temporary until June 2020***	BSO	Stockton Office	04/03/2020
44-02-2020	Sales Manager	Asphalt	Eastern Asphalt	06/03/2020
45-02-2020	Commercial Administration Support Team Member x 2	BSO	Stockton Office	06/03/2020

For further details on other roles and a full listing of other vacancies, together with information on how to apply, please log on to CEMEX Shift > My Services > Internal Vacancies>New IVCs.

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



This month marks the 11th anniversary of the death of Gary Ward, an experienced contract Maintenance Engineer. Gary was working for us on a quarry, when he climbed beneath a tracked mobile crusher to inspect a problem; tragically, he left the engine running and an intermittent fault caused the tracks to move, the machine settled into the ground, crushing Gary to death. He was 43 at the time, with two children aged 12 and 8, and engaged to be married later that year.



The investigation by the HSE took some 5 years and culminated with a court case just before Christmas 2014, where CEMEX and Gary Ward's employer were fined a total of £145,000; under the Sentencing Guidelines, this fine would be far higher if the case came to court today.



ISOLATION PROCEDURES

Never work on live or moving machinery – always “lock out”.

The Investigation Identified Some Key Learning Points

- The Safe System of Work for the machine referred to the need to close down the engine and “lock out” by applying a personal padlock...**Do you always follow isolation (LOTOTO) procedures and avoid taking short cuts?**
- Despite recent isolation training and holding the industry safety passport, Gary accessed the machine without ensuring it wouldn't operate...**Would you STEP IN if you thought someone was working unsafely?**
- An “open” Permit to Work was in place for the overall contract processing operations; however, there was no Permit for the maintenance tasks on the day...**Do we ensure effective supervision of contract activities, with necessary Permits to Work in place?**
- A number of defects were identified on the processing plant, which may have contributed to the intermittent fault...**Do we ensure robust maintenance schemes are in place?**



Vertua[®]
Low carbon by design

NET ZERO
CONCRETE.
**THE FUTURE.
NOW.**



GREATER THAN

70%

EMBODIED
CARBON
REDUCTION





We're proud to launch the UK's first ready mixed concrete that is a CarbonNeutral® product.

Our **Vertua**® low carbon concrete range includes the option to offset residual CO₂ to provide a CarbonNeutral product, in accordance with The CarbonNeutral Protocol.

Our purpose is to build a better future, and unsurprisingly we think concrete is an essential part of construction. It is the second most consumed material on the planet (second only to water) in part because it is cost-effective, versatile and typically made from local materials.

Access to low cost construction materials is linked to regional economic development and as a foundation of our society is vital for the infrastructure that helps provide the UK with clean water, sanitation and energy, as well as durable homes, schools, hospitals, roads, railways and much more.

However, we recognise future construction needs to be balanced with the effect it is having on the environment. At CEMEX, we know that we can best meet these challenges by working in partnership with our clients and stakeholders to innovate and develop low carbon solutions together.

We want to help our clients to specify lower carbon concretes. In 2010 we were the first major concrete company to offer a third party verified Carbon Calculator. The current launch of **Vertua** aims to make it even easier for clients to choose concretes with a lower embodied carbon, offset residual emissions and help drive vital change.

Our offsets are verified by the Gold Standard or Verified Carbon Standard (VCS) and will include projects focusing on the planting of trees, biodiversity and protection against deforestation where available.

We know that carbon offsetting is only an interim measure while we further develop technology that is still in its early stages, and as the market shifts to low carbon concretes. At present we believe it is a good way to sequester the remaining CO₂ from our lower carbon solutions to take important climate action now. We are sure this will prove a relevant solution as the construction sector looks to take rapid action to improve the sustainability and climate impacts of the built environment.

The **Vertua** range features a variety of bespoke concrete mix designs which can be used in a wide range of applications and includes the **Vertua ultra zero** option which is a CarbonNeutral product. This product achieves a 70% reduction in embodied carbon emissions, with the remaining unavoidable emissions offset through working with Natural Capital Partners, a carbon offset and carbon neutrality specialist.

The Vertua range is an important step to support the Company's recently announced climate strategy, which includes an ambition of delivering net zero concrete globally by 2050.

Vertua is our new range of low carbon concretes, with bespoke designs enabling **embodied carbon reductions GREATER THAN 70%** versus standard concretes (CEM I).

The range can also provide additional benefits including increased durability and aesthetic finishes.

Vertua[®] | *classic*
Low carbon by design

c.30-50% CO₂ reduction
versus a standard concrete

Vertua[®] | *plus*
Low carbon by design

c.60% CO₂ reduction
versus a standard concrete

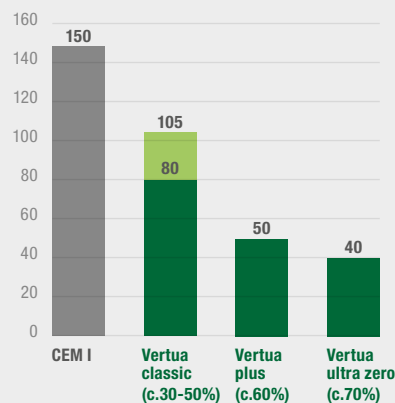
Vertua[®] | *ultra zero*
Low carbon by design

c.70% CO₂ reduction
versus a standard concrete

All of our products in the Vertua range* conform to BS 8500 and BS EN 206 standards

*Excludes Vertua ultra zero

Vertua compared to CEM I concrete - CO₂ per tonne



Calculated using the Carbon Calculator below.

Note: figures may vary - but based on typical CEMEX ready-mixed concrete plant.

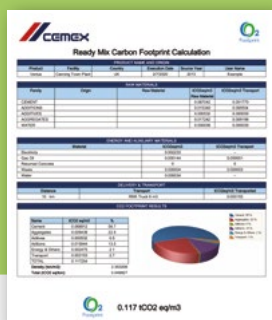
Heat of hydration

The use of **Vertua** concrete reduces the heat of hydration (the hydration of cement is an exothermic reaction). High temperatures in concrete can generate stresses that could result in early-age thermal cracking. The use of **Vertua** is recognised as an effective solution to this problem.

Setting times

Vertua benefits from lower heat generation and takes slightly longer to set, which is particularly useful in warm weather conditions. This is influenced by many factors, including temperature and water/cement ratio. However, an extended setting time means that the concrete will remain workable for longer and this needs to be considered when using these products.

For more specific technical support please contact one of our team on 0800 667 827.



Carbon Calculator Service

CEMEX calculates the embodied carbon in the **Vertua** range using a Carbon Footprint Calculator (CO₂ Tool) that follows the principles of PAS2050, and clients can be provided with a copy on request.

Vertua®

Low carbon by design

classic

A low carbon concrete that has a c.30-50% CO₂ reduction versus a standard concrete (CEM I) mix.

Available in a range of compressive strengths from C16/20 to C40/50 and meets the requirement of DC-2.

Applications

- Foundations, including piling
- Suspended slabs
- Structural elements
- House and garage ground floor slabs
- External concrete for pavements and hard standing
- Driveways
- Industrial floors

Features

- Easy to use and place
- Suitable for pumping
- Complies with Design Chemical Class DC-2 to BRE Special Digest 1

Vertua®
Low carbon by design

classic zero



Go CarbonNeutral®

Also available, **Vertua classic zero** to offset the remaining carbon percentage (c.50-70%) through a carbon offset and accredited carbon neutrality specialist.

Vertua®

Low carbon by design

| *plus*

A lower carbon concrete that has a c.60% CO₂ reduction versus a standard concrete (CEM I).

Available in a range of compressive strengths from C16/20 to C32/40 and meets the requirement of DC-4.

Applications

- Groundworks
- Mass foundations
- Piling
- Geo-technical
- House foundations
- Other applications where high early strengths are not required

Features

- Easy to use and place
- Suitable for pumping
- Ideal for use in aggressive ground conditions
- Complies with Design Chemical Class DC-4 to BRE Special Digest 1

Note: Minimising heat of hydration to reduce thermal cracking is of critical importance in mass concrete pours. Where Vertua plus concretes are used, it is recommended for compressive strength conformity to be at 56 days.

Vertua® | *plus zero*
Low carbon by design



Go CarbonNeutral®

Also available, **Vertua plus zero** to offset the remaining carbon percentage (c.40%) through a carbon offset and accredited carbon neutrality specialist.

A geopolymer clinker-free concrete that has over 70% CO₂ reduction versus a standard concrete (CEM I), available on request for bespoke applications.

This product achieves a 70% reduction in embodied carbon emissions, with the remaining unavoidable emissions offset through a partnership with Natural Capital Partners, a carbon offset and carbon neutrality specialist.

In order to achieve the 70% reduction, CEMEX is introducing a new innovative geopolymer cement solution, which was developed at its Global Research & Development Centre in Switzerland. This new geopolymer product can be used as an alternative to more commonly used 'clinker based' cement solutions in certain applications.

Contact us to discuss your specific project so we can ensure Vertua ultra zero is suitable for your application.



Go CarbonNeutral®

Vertua ultra zero includes the offset of the remaining carbon percentage (c.30%) through a carbon offset and accredited carbon neutrality specialist.



Vertua zero Range Certification

For any of your projects where these products are used you will receive this certificate to verify the offset.

'The stated subject has been made CarbonNeutral through the use of high quality environmental instruments that meet the requirements of The CarbonNeutral Protocol.'

		CarbonNeutral® Product								
for										
This certificate verifies that:										
The stated subject has been made carbon neutral through the use of high quality environmental instruments that meet the requirements of The CarbonNeutral Protocol.										
Stephen J. Killeen CEO, Natural Capital Partners										
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<p>Project information Community Reforestation, East Africa, VCS. This project involves thousands of farmers planting trees along with sharing agricultural best practice, adding new crops, and implementing conservation farming methods. This enables subsistence farmers to improve their access to food and create additional income.</p>		<p>Certificate issued by:</p>								
		<p>Certificate Number: CN200000000</p> <p><small>This CarbonNeutral® certificate conforms to the requirements of The CarbonNeutral Protocol. For the current version, please visit carbonneutral.com</small></p>								

WHAT IS CARBON OFFSETTING?

Carbon offsetting is the purchasing of carbon credits from projects that deliver immediate emission reductions through sustainable development and renewable energy projects to compensate for emissions made elsewhere.

Our Vertua zero concretes are certified as CarbonNeutral® products in accordance with The CarbonNeutral Protocol, the leading global framework for carbon neutrality.

This means we make sure that for every tonne of CO₂ emitted by our Vertua zero concrete range there is one tonne less in the atmosphere. We do this by investing in projects which physically remove CO₂ from the air such as planting more trees through an independently audited and verified project. Carbon can be offset in this way because one tonne of CO₂ has the same climate impact wherever it is emitted.

What this means for you

The fact that we're offsetting the carbon emissions from a range of products means that when you choose to build with these concretes, it may contribute to your company's net zero targets and carbon obligations, as well as help you meet your client's increasing sustainability requirements.

Accreditation

Our Vertua zero range includes the offset and we undertook a rigorous process in selecting a carbon offset programme. Projects are independently monitored and verified by independent third parties to ensure they are delivering emission reductions. We will only purchase carbon credits accredited under the Gold Standard or Verified Carbon Standard (VCS) – these standards are globally recognised and respected for their levels of high environmental integrity.

How are we carbon offsetting?

We are providing carbon finance for projects that have to prove that without carbon finance they would not be viable.

To do this we are working with Natural Capital Partners (naturalcapitalpartners.com).

Natural Capital Partners is an award-winning offset company that works with clients to combine business success with positive impact on the environment and society. Through collaboration with global project partners, the development of innovative solutions, and understanding the specific goals of its clients, the company delivers programmes for renewable energy,

reducing carbon emissions, enabling water stewardship and protecting biodiversity. The company was founded 20 years ago and has more than 300 clients in 34 countries.

The CarbonNeutral Protocol was created and is managed by Natural Capital Partners. It was the first clear set of guidelines for businesses to achieve carbon neutrality back in 2002, and every year since then Natural Capital Partners has continued its commitment to providing a robust framework for credible carbon neutral action. It is reviewed annually with input from the Advisory Council to ensure it reflects the latest developments in emissions measurement and reductions.



CarbonNeutral.com



UN Sustainable Development Goals

Through our CarbonNeutral® programme we are focussing on tree planting projects throughout the world to deliver climate benefits but also other benefits aligned with the UN Sustainable Development Goals, such as increasing biodiversity and reducing poverty.

Top: Project staff from the community are trained to verify the carbon emissions sequestered by the trees

Middle: Community members visit one of the project tree nurseries

Bottom: Project staff run tree nurseries to ensure farmers have trees to plant

Images courtesy of National Capital Partners

RESPONSIBLY SOURCED READYMIX CONCRETE

CEMEX UK operates in a highly regulated sector and recognises its Sustainability and Environmental obligations.

We continually invest and innovate to become an environmentally friendly, sustainable leader – enabling a low-carbon and resource-efficient circular economy.



All CEMEX products have achieved BES6001 Responsible Sourcing accreditation.

BES6001 accreditation means that all our readymix concrete products are responsibly sourced, to an independently verified standard that addresses the social, economic and environmental impacts across the entire supply chain.

CEMEX's commitment to sustainable development and ethical and responsible sourcing has been formally recognised through this official accreditation.

By using CEMEX UK readymix products with the BES6001 certification our customers can score more credits under BREEAM, the most widely used environmental assessment method for business.

The BES6001 certification complements a range of other ongoing initiatives at CEMEX UK to reduce waste, water, energy use and CO₂ emissions, while increasing the use of alternative fuels and by-products in the manufacturing of building materials.

As a global company, ecologically responsible construction is a priority for CEMEX and it is fully committed to the United Nations Sustainable Development Goals, of which five are directly related to our company's business. Furthermore, the United Nations' established

2030 global goals have been embedded into our business model and inform the decisions we make and the work we do every day.

We understand and agree with the need for production of cement and concrete to be as sustainable as possible and are committed to contributing to a net zero carbon society. It is important to remember that while global cement production (of which over half takes place in China) is responsible for 7% of global CO₂ emissions, UK cement emissions are amongst the lowest in the world at less than 1.5% of all UK emissions; testament to the dedication of the industry to decreasing its impact on the environment.

Climate change has been a priority for CEMEX for many years. The company's efforts have brought significant progress to date, but there is a need to do more and faster. This is why CEMEX has also recently announced a more ambitious global target for CO₂ emissions by 2030: a reduction of 35% to ensure alignment with the Paris Agreement commitments. This is in addition to the ambition of delivering net zero concrete globally by 2050.

However, in the UK, we have already achieved the following:



38%
reduction in our CO₂
emissions since 1990

All our operations are
certified to the ISO14001
standard for Environmental
Management Systems

Replaced around 60% of traditional
fuels such as coal with alternative fuels
in our processes of which importantly, on
average, **65% are from zero emission**
waste-derived biomass

30% Amount of energy-intensive
clinker substituted in our
cement products with
by-products.
90% of our concrete contains by-products and
admixtures which reduce embodied CO₂

88 times more
waste consumed
than we produce
in our operations

Over 1000 hectares
of priority biodiversity habitat
created and maintained

Implemented Energy
Reduction Programmes
in all our operations
with the most energy-intensive
being certified to ISO50001

Supplied our operations with
100% **renewable**
electricity

A- rated for climate
transparency and
strategy by the **Carbon**
Disclosure Project
(CPD) in 2019

Established partnerships
with organisations such
as the RSPB
to ensure we maximise all opportunities
for better and more sustainable working



CarbonNeutral.com

Go CarbonNeutral®

Our **Vertua zero** concretes are CarbonNeutral products in accordance with the CarbonNeutral Protocol, the leading global framework for carbon neutrality.

To find out more call **0800 667 827** or email **gb-enquiries@cemex.com**

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