



**Mineral Products Association**

The Trade Association for the Aggregates, Asphalt, Cement, Concrete, Dimension Stone, Lime, Mortar and Silica Sand Industries

**Driving  
Change**

**Raising  
Standards**

**Improving  
Perceptions**

Mineral Products Association

**Charter and Members'  
Handbook 2023**

# Background

Since its formation in 2009, MPA has grown significantly and its membership represents the vast majority of UK mineral products operating companies across its 16 Product Groups.

The Association is established and recognised as the sectoral organisation for the mineral products industry. Having one integrated association, where policy development from the 'bottom up' is discussed in the Regions and relevant expert committees before being signed off at Council and Board level, ensures that the sector has effective governance. MPA is able to share best practices across all products efficiently to influence operator behaviour and in turn external perceptions amongst key stakeholders.

*We want membership of MPA to be 'valued and mean something'.*

The MPA Charter will help clarify, simplify and consolidate expectations that the members have for themselves and have a positive impact on the way the industry operates.

**5 key aims** underpin the work of the MPA, creating the high level agenda it uses to influence Government and other key stakeholders.

## We seek:

- 1. Economic conditions that support investment**
- 2. Better Government support for an essential industry**
- 3. A reasonable licence to operate**
- 4. Proportionate legislation and regulation**
- 5. Recognition of progress**



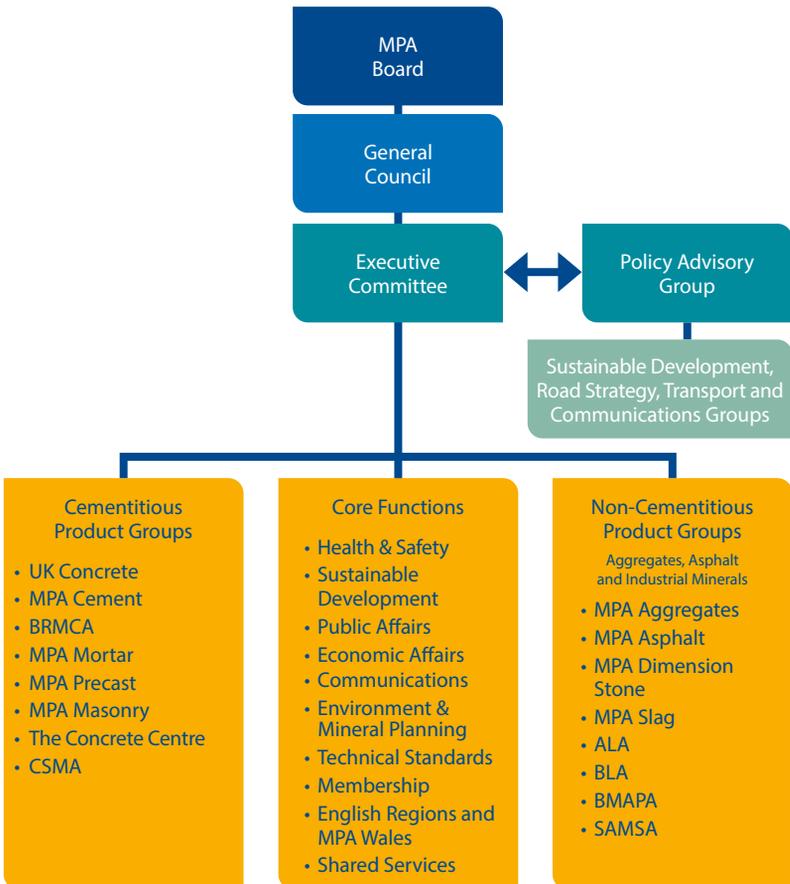


# Introduction

# Who we are

MPA is the industry trade association for the aggregates, asphalt, cement, concrete, dimension stone, lime, mortar and silica sand industries.

The operational structure of MPA is set out below:



# Governance of the MPA

## Role of the Board

The Board is the governing body for MPA Ltd (the MPA) responsible for the 'Business of the Association' on behalf of the members. This includes both Core business and that of the Product Groups. Responsibilities include strategic issues, finance, the annual budget & business plan, all policies, the appointment and monitoring of the performance of the CEO and to put forward a candidate for Chair every 2 years to the membership to ratify.

## Role of Directors

Directors should participate in the best interests of the industry, trade association and members of the association and try to avoid thinking purely in terms of what is best for their company.

## Role of Chair

The role of the Chair is non-executive and they are responsible to the Board whilst also leading and managing it.

## Role of Chief Executive

The CEO is responsible for managing the association with MPA staff and reports to the Board. The CEO works closely with the Chair on governance issues, and keeps the Board advised and well prepared and able to fulfil their responsibilities. The CEO also has responsibility for identifying any governance shortfalls and draws these to the attention of the Board.

## Role of Council

The Council is responsible for all matters relating to membership and for advising the Board on strategic and other key policy issues taking into account the views of the wider membership.

## Role of Core Committees and Product Groups

The committees are responsible for dealing with issues of relevance that have implications for members' interests. Membership of committees can include both Producer and Associate members.

# MPA Core Committees

The committees are responsible for dealing with issues of relevance that have implications for members' interests. Membership of committees can include Producer, Associate and Affiliate members. Where possible a mixed and balanced committee representing companies large, medium and small is recommended. Chairs of Core Committees have a seat on MPA Council.

The committees are as follows:

**Health & Safety Committee**

**Sustainable Development Group**

**Policy Advisory Group**

**Economic Affairs Committee**

**Environment & Mineral Planning Committee (E&MP)**

**Standards Forum**

**English Regions (North, South West, London & South East,  
East Anglia, Midlands)**

**MPA Wales**

# MPA English Regions and MPA Wales

One of MPA's strengths lies in its Regional structure in England and Wales, which is based on the UK economic planning regions. Regional Chairs feed local views and recommendations to MPA Council. The Regions also provide many opportunities for members of all sizes to network with their peers. Chairs of Regional Committees have a seat on MPA Council.

MPA Scotland and MPA Northern Ireland are affiliate members, and work closely with the MPA through participation in key committees and MPA Council.



Customised Mapping Ltd September 2015. Map shows 1972 administrative boundaries.

# MPA Product Groups

MPA includes a number of constituent organisations (**Product Groups**) that represent the interests of specific mineral products. Operating together under the MPA umbrella provides combined strength while facilitating cost-effective use of resources and expertise. Chairs of Product Group Committees have a seat on MPA Council.

It is a membership requirement that companies must include all in-scope products within their MPA membership.

## Cementitious Product Groups

[UK Concrete](#) (UK Concrete Steering Group coordinates Product Groups' assets and resources)

[MPA Cement](#)

[BRMCA](#) (British Ready-Mixed Concrete Association)

[MPA Mortar](#)

[MPA Precast](#)

[MPA Masonry](#)

MPA [The Concrete Centre](#)

[CSMA](#) (Cementitious Slag Makers Association)

## Non-Cementitious Product Groups

[MPA Aggregates](#)

[MPA Asphalt](#)

[MPA Dimension Stone](#)

[MPA Slag](#)

[ALA](#) (Agricultural Lime Association)

[BLA](#) (British Lime Association)

[BMAPA](#) (British Marine Aggregate Producers Association)

[SAMSA](#) (Silica and Moulding Sands Association)

\*Affiliate members

# What we do

MPA represents the interests of MPA members and the industry with all levels of Government, regulators, other organisations and external audiences. We are committed to **Driving Change, Raising Standards and Improving Perceptions** of the industry.

## Key activities include:

- **Improving health & safety**
- **Representing and promoting the sector among public and political stakeholders**
- **Raising awareness of the sector and its contribution to the economy**
- **Gathering and presenting evidence and information**
- **Influencing policy, regulation and legislation in the UK and EU**
- **Protecting the industry's licence to operate**
- **Safeguarding and developing markets**
- **Improving perceptions**
- **Informing on markets and economic contribution**
- **Influencing technical and design standards**
- **Influencing supply chains**
- **Encouraging innovation**
- **Promoting the use of mineral products**
- **Educating stakeholders to 'Make the Link' between mineral products and their use**

# Our Core Values



## MPA Members are:

- ✓ Committed to **raising competence and skill levels** in the industry
- ✓ Committed to the principles of **sustainable development**
- ✓ Committed to realising **Vision Zero** - Everyone Home Safe and Well Every Day
- ✓ Committed to protecting and enhancing **UK Biodiversity**
- ✓ Committed to the **high quality restoration of land** to valuable after uses
- ✓ Committed to **reducing carbon** and other industrial emissions
- ✓ **Socially and environmentally responsible** suppliers of essential materials
- ✓ Committed to the **sustainable use** of their products by end users
- ✓ Committed to **maximising recycling** of materials, **improving resource efficiency** and **contributing to the 'circular economy'**
- ✓ **Valuable and active members of their communities**, particularly in rural areas
- ✓ Able to **provide a range of career opportunities and career development** and respond to skills shortages
- ✓ **Innovative** and share good and best practice particularly in health and safety and sustainable development



# MPA Charter

# Membership of MPA & MPA Charter

There are **3** types of membership of the MPA:

## Producer Members

are those companies who extract minerals, process, manufacture, distribute, and sell mineral products, including aggregates, asphalt, cement, concrete, dimension stone, lime, mortar and silica sand.

## Associate Members

are typically consultants, lawyers, specialist suppliers, plant and equipment manufacturers or contractors.

## Affiliates

are representative organisations, normally trade associations with a common interest.

The Charter does not apply to Associate Members or Affiliates, unless they choose for it to do so.

Membership of the MPA means that companies agree to operate in accordance with the Memorandum & Articles of Association<sup>1</sup> and the MPA Charter, which includes the ***Vision, Strategic Priorities and Objectives, Policies and Data Collection, Information and Commitments***, and also to respect the ***Core Values***.

The MPA Charter is the vehicle that will enable the Vision for 2025 and the Strategic Priorities to be achieved by: ***Driving Change, Raising Standards and Improving Perceptions***.

<sup>1</sup> Members should note in particular clause 19.1 regarding the resignation of membership or associate membership from the Association: *"If he shall resign his Membership by serving not less than twelve months' notice in writing under his hand left at the Office, such notice not to take effect until 31st December in the year after the notice is served;"* and clause 19.4 regarding the termination of membership relating to the requirements specified by the core values: *"...if in the opinion of the General Council his conduct shall be calculated in any respect to be prejudicial to the interest of the Association or of its Members collectively or of the Council within one month after such notice in writing requiring him to do so shall have been served upon him by the Association and as a result of such failure the General Council shall determine that such Membership or Associateship be terminated; in the case of failure to meet the requirements specified by the core values of the Association the judgement will be made by a panel of three Members, two of whom must be members of General Council, and will be endorsed by General Council".*

# The MPA Vision for 2025

Member consultation has established that the industry wishes:

*‘to be valued as an essential and economically, socially and environmentally sustainable industry of significance to the economy and our way of life’*

and perceived as:

- **cohesive and well-organised, responsible and accountable**
- **creative, collaborative and outward looking**
- **professional and competent, setting high standards to retain and attract new people, reflecting UK diversity**
- **innovative, embracing the use of best available technology and sharing best practices**
- **engaging constructively and strategically with Government, regulators, local communities and other stakeholders**

# MPA Strategic Priorities and Objectives

The following **7 Strategic Priorities** will underpin the achievement of the Vision for 2025.



# MPA Strategic Priorities and Objectives

The broad objectives of the **7 Strategic Priorities** are as indicated below. Delivery of the objectives and targets, where applicable, is managed through MPA's Committees and Working Groups.

Strategic Priority	Objective
 <p data-bbox="170 799 222 836">Health &amp; Safety</p>	<ul data-bbox="319 719 847 836" style="list-style-type: none"> <li>• <b>Employee and Contractor Health &amp; Safety:</b> treat the health, safety and well-being of employees, contractors and visitors as the number one priority in order to realise <a href="#">Vision Zero</a></li> <li>• <b>Public Safety:</b> protect the general public around active operations, on disused sites and in the transportation and use of our products</li> </ul>
 <p data-bbox="174 999 225 1018">People</p>	<ul data-bbox="319 876 860 1066" style="list-style-type: none"> <li>• <b>Employment:</b> improve the profile and perception of the sector to attract employees and offer rewarding career opportunities</li> <li>• <b>Skills and Competence:</b> ensure all employees and contractors have the necessary and relevant skills and competences</li> <li>• <b>Equality and Diversity:</b> encourage opportunities in the industry for all, attracting and retaining the best talent</li> <li>• <b>Local Communities:</b> engage fully with local communities and strive to be good neighbours</li> </ul>
 <p data-bbox="166 1222 228 1259">Resource Use</p>	<ul data-bbox="319 1106 860 1295" style="list-style-type: none"> <li>• <b>Access to Sufficient Minerals &amp; Resources:</b> plan, consult and engage with communities, planning authorities and regulators when seeking new permissions to ensure steady and adequate supply</li> <li>• <b>Circular Economy and Resource Efficiency:</b> make the most efficient use of all resources, embracing the principles of the Circular Economy</li> <li>• <b>Water:</b> optimise the use of water and ensure prudent management</li> <li>• <b>Waste:</b> minimise waste and maximise re-use and recycling</li> </ul>

# MPA Strategic Priorities and Objectives

Strategic Priority	Objective
 <p>Climate Change &amp; Energy</p>	<ul style="list-style-type: none"> <li>• <b>Carbon &amp; Atmospheric Emissions:</b> reduce emissions in accordance with the MPA carbon road maps and Government objectives</li> <li>• <b>Energy:</b> optimise the use of energy whilst maximising the use of non fossil fuels</li> <li>• <b>Transport:</b> reduce emissions and other impacts of the transportation and delivery of products</li> <li>• <b>Adaptation:</b> develop products and solutions to reduce the impacts of climate change</li> </ul>
 <p>Natural Environment</p>	<ul style="list-style-type: none"> <li>• <b>Biodiversity:</b> protect and enhance biodiversity and deliver net gain wherever possible</li> <li>• <b>Land Restoration:</b> restore land to high quality and undertake good aftercare</li> <li>• <b>Natural Capital:</b> protect natural capital and enhance where possible</li> <li>• <b>Geodiversity:</b> protect geodiversity and enhance where possible</li> <li>• <b>Heritage:</b> protect national and local heritage assets appropriately</li> <li>• <b>Environmental Protection:</b> minimise and mitigate operational impacts</li> </ul>
 <p>Built Environment</p>	<ul style="list-style-type: none"> <li>• <b>Technical Codes and Standards:</b> influence the maintenance and development of International, European and UK technical codes and standards</li> <li>• <b>Sustainable Products:</b> promote the development and use of sustainable and responsibly-sourced mineral products</li> <li>• <b>Sustainable Construction:</b> influence the design and procurement of the built environment with high quality and sustainable solutions</li> </ul>
 <p>Communicating Industry Value</p>	<ul style="list-style-type: none"> <li>• <b>Contribution to Economy and Supply Chain:</b> quantify the industry's contribution to local and national economies</li> <li>• <b>Influencing the Business Environment:</b> work with Government and others to encourage investment and sustainable growth</li> <li>• <b>Stakeholder Engagement:</b> engage with stakeholders in a transparent and informative way</li> <li>• <b>Making the Link:</b> enable stakeholders to 'Make the Link' between the activities of the mineral products industry and its contribution</li> </ul>

# Data Collection, Information and Commitments

The commitments indicated below are derived from the existing mandatory and voluntary membership commitments. Members must comply with all CMA requirements and MPA Undertakings in relation to data collection.

## ■ **Mandatory** ■ **Voluntary**

### General

- To submit accurate annual tonnage returns for subscription calculation (MPA Cement members to refer to specific reporting process for cement).
- To pay subscriptions in a timely fashion.
- To provide MPA market information data in response to MPA surveys as appropriate.
- To follow MPA's procedures for Competition Law compliance in all MPA business.

### Health & Safety

- To submit H&S data to support the collation of the 'Hard Targets' and 'Leading Indicators' reporting.
- To support the achievement of the competence milestones in '[Safer by Competence](#)' and submit accurate data.
- To support the MPA Driver Training Initiative that all drivers delivering on behalf of members hold or are in the process of obtaining an MP Connect Drivers' Card or equivalent.
- To submit data relating to Respirable Crystalline Silica as part of our commitment to the NEPSI Social Dialogue Agreement.
- To provide entries for the [MPA Health & Safety Awards](#).
- To support the '[Stay Safe](#)' public safety campaign and submit data on incidents.

### People

- To evaluate the need for a Community Engagement Plan for extractive sites and where appropriate at other sites as part of the [MPA Good Neighbour Scheme](#).
- To submit data on the number of valid complaints made by members of the public.
- To submit data on employee diversity.

## Resource Use

- To submit data on mains and licensed abstracted water.
- To submit data relating to planning application performance as part of the MPA [Annual Mineral Planning Survey \(AMPS\)](#).
- To submit data on recycled, transferred and discharged water.
- To have sites metered for water use in accordance with the World Business Council for Sustainable Development Protocol for Water Reporting.
- To operate sites in accordance with the Waste Hierarchy and submit data on waste produced on site sent to landfill.
- To submit data on the amount of Extractive Waste produced on site.
- To submit data on the amount of waste used for restoration purposes in accordance with the site Planning Permission.

## Climate Change and Energy

- To submit data on operational energy use to enable MPA to calculate sectoral carbon emissions (MPA Cement and BLA members to refer to specific reporting requirements).
- To submit data on fuel use for transport where available.

## Natural Environment

- To assess and implement, where appropriate, a Biodiversity Action Plan for extractive sites.
- To report on operation of an ISO14001 and any other environmental management scheme (if applicable).
- To submit data on the total area of SSSIs owned or managed.
- To submit data on the total Priority Habitat created.
- To submit data on the total land surveyed for archaeological investigation prior to extraction.
- To provide entries for the [Restoration and Biodiversity Awards](#).
- To provide sites for inclusion in the [MPA National Nature Park](#).

## Built Environment

- To report on the operation of any relevant quality management systems (if applicable).
- To report on the operation of a responsible sourcing scheme and indicate what level (if applicable).

# MPA Survey Data Requests from Producer Members

This is a schedule of core data requirements from members on a quarterly and annual basis to fulfill the data collection information and commitments. We hope that this will help members to plan for surveys.

	Sales Volume Statistics	Health & Safety Statistics	Health & Safety Competency Survey	Health & Safety NEPSI Survey <small>(Every 2 years – next due 2022)</small>	Tonnage Subscriptions	Sustainable Development (SD) Survey	Annual Mineral Planning Survey (AMPS)
JAN							
FEB							
MAR							
APR							
MAY							
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							

**NOTES**

1. Sales volume data is collected quarterly from a sample of members. Cement data is collected quarterly by a Permitted Third Party and published 6 months in arrears. Data is collated and sent to all members, and a press release issued. Data is also used to update the MPA's [Profile of the Mineral Products Industry document](#), and is also used for forecast purposes.
2. Health & Safety data is collected in 3 parts: H&S quarterly statistics (quarterly); Competence Survey (annual or every 6 months, depending on the size of the company); and the NEPSI Survey (every 2 years). Data is not published.
3. Tonnage Subscriptions data is collected once annually from all Producer members. Data is not published, but is used to calculate membership subscriptions.
4. Sustainable Development data is collected once annually from all Producer members. Data is collated and published annually in the [MPA Sustainable Development Report](#).
5. AMPS data is collected once annually from all Producer members who extract relevant materials. Results are collated and published annually in the [Annual Mineral Planning Survey \(AMPS\)](#).

# MPA Member Policies

The current policies which all Producer Members are expected to observe are summarised below:

- **Vision Zero – values and strategy including ‘The Fatal 6’**
- **Safer by Competence**
- **Vulnerable Road User Safety and Driver Training**
- **Sheeting of Delivery Vehicles**
- **Fitting of Inclinometers to Articulated Tippers**
- **Contractor Safety**

# Vision Zero

## **MPA and its members have committed to Vision Zero – to ensure that everyone goes home – Safe & Well Every Day**

**Vision Zero** is built around eliminating the causes of **'The Fatal 6'**. These are the high consequence hazards that analysis has shown are responsible for the majority of the fatalities, serious injuries and long term ill health in the industry. The strategy is to focus on these hazards in the work environment and, through a wide range of measures, achieve zero serious incidents or fatalities associated with 'The Fatal 6' by 2025.

This will only be possible if everyone within the industry understands and commits to this vision. Everyone has a role to play to ensure that they are doing their best to ensure they are keeping both themselves and their colleagues safe.

The Vision incorporates **6 values** relating to Health and Safety. Collectively we will need to embrace these to help bring about changes in our behaviour. These values are already established within the culture of some member organisations and organisations working within the Mineral Products industry.

The MPA has developed **6 strategies** to support its members in achieving Vision Zero. It will monitor the industry's performance by reviewing both leading and lagging indicators;

- Lagging indicators look back at what has already happened such as the number of fatalities or serious incidents that have occurred.
- Forward looking indicators help to measure activities that should improve health and safety performance in the future.



**VISION ZERO**  
**SAFE & WELL EVERY DAY**

# 6 values to keep everyone safe



## Empowerment

Every worker has the right to stop any job if concerned it may be unsafe or unhealthy to continue.

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## Engaged Visible and Consistent Leadership

Committed to achieving the vision of Zero Harm.

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## Zero Tolerance of Unsafe Working Conditions

That pose a significant risk of injury or to health.

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## High Quality Implementation

Developing; clear health and safety principles, clarity of expectations, clear simple smart initiatives, no 'box ticking'.

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## Collaboration and Sharing

Building effective relationships & sharing knowledge and good practices.

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## Compliance

As a minimum with legal/regulatory requirements and MPA policies and aspiring to world class.

## 6 strategies for MPA and its members to follow

1. An unrelenting approach to eliminating the things that can kill or seriously harm people through adoption of industry safety principles and good practices focused on [‘The Fatal 6’](#).
2. Developing competent and committed leaders at all levels.
3. Promoting recognition as a means to support a positive culture within the workforce.
4. Creating forward looking measurement systems which balance the measurement of ‘the presence of safety’ with the ‘absence of incidents’.
5. Helping members to create workplaces where health and well-being is protected and promoted.
6. Actively promoting and facilitating engagement from all member organisations.



## 3 Hard Targets to help measure our success

<b>Hard Target 1</b>	Zero Reportable Incidents (fatalities or serious injuries) relating to <a href="#">'The Fatal 6'</a> by 2025.
<b>Hard Target 2</b>	A 50% reduction in Lost Time Injury Frequency Rate (LTIFR) to 1.5 by 2025.
<b>Hard Target 3</b>	Zero incidences of uncontrolled personal exposures to RCS above the Workplace Exposure Limit (WEL) where the hierarchy of control has not been applied.

## Leading Indicators – activities that help improve health and safety at work

### Achieving more of the following:

- Auditing of isolation
- Driver and contractor competency/ skills cards
- Participation in H&S Leadership workshops
- [H&S Good Practice awards](#) submissions
- Sharing of High Potential incidents
- Occupational health screening
- Routine monitoring of silica exposures
- Using [MPA Safer by Association Self Audit Tool](#)
- Engagement in MPA H&S events
- Engagement in MPA Safety Days
- Engagement with MPA's ['Safer by Sharing'](#)
- Engagement with MPA's 'Exchanging Places'

# 'The Fatal 6'

**Analysis has identified 6 high consequence hazards in the Mineral Products industry that account for 94% of all fatalities.**

MPA has set up a working group for each theme. They are tasked to help share good practices, raise awareness about risks and incidents, and to develop recommendations and resources to help the industry to eliminate the causes of 'The Fatal 6'

Information about the 'The Fatal 6' and the resources available to help mitigate them are all accessible on ['The Fatal 6' section of Safequarry](#).

**'The FATAL 6'**

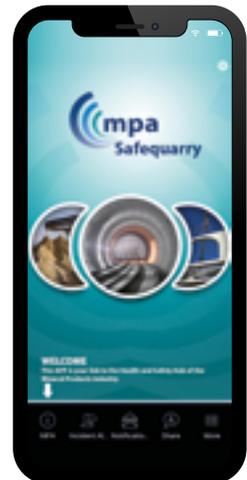
- 1 Contact with moving machinery and isolation
- 2 Workplace transport and pedestrian interface
- 3 Work at height
- 4 Workplace Respirable Crystalline Silica
- 5 Struck by moving or falling object
- 6 Road Traffic Accidents

*Mitigating high consequence hazards*



[www.safequarry.com](http://www.safequarry.com)

***Register now for Safequarry alerts***



***Download the Safequarry app***

# Safer by Competence

## Safer by Competence

In order to realise Vision Zero, the MPA has devised a framework to deliver demonstrable personal competence across the industry. This comprises a series of initiatives and targets encompassing employees and contractors across all products and services within the MPA's membership.

The framework sets out routes to meeting National Occupational Standards relevant to job functions, with a range of targets applicable to all in operational employment. For the great majority of MPA members, NVQ/QCF/SCQF vocational qualifications routes provide the logical solutions and these represent the preferred approach. To help individuals, employers and advisers, the Mineral Products Qualifications Council has produced an updated Competence Map. Please see the MPQC website ([www.mpawards.co.uk](http://www.mpawards.co.uk)) for more information.

'Safer by Competence' is supported by a family of complementary 'Safer by...' Initiatives (see overleaf).

# Vision Zero, Safer by Competence and 'The Fatal 6'



**Safer and Healthier by Leadership** – Initiative highlighting the role of leadership in improving health and safety performance.

**Safer by Design** – Voluntary guidance addressing the design vacuum that exists between many manufacturers and users of mobile plant.

**Safer by Sharing** – MPA Seminars giving H&S guidance to members by sharing good practice; peer-to-peer assistance facilitated by MPA.

**Safer by Partnership** – Package of measures focused on contractor safety.

**Safer by Association** – Site H&S evaluation and improvement too.

Health considerations are an embedded part of all aspects of the Safer by Competence framework.

# Vulnerable Road User Safety and Driver Training

**MPA's Vulnerable Road User Safety Policy** applies to all vehicles delivering on behalf of members which are over 3.5 tonnes GVW and focuses on driver training and vehicle safety equipment.

## Driver Training

- All drivers delivering on behalf of members must hold MPQC [MP Connect](#)/Drivers Skills Cards or equivalents (e.g. company courses approved by MPQC) with renewal within 5 years
- All drivers delivering on behalf of members are required to undertake VRU safety training, based on [MPQC](#) CPC-approved course or equivalent.
- VRU safety training should be progressive, with a view to expanding training to include cycle hazard awareness.

## MP Connect

The safety and competence of contractors, including drivers, has long been a priority of the MPA members, as reflected in the MPA Charter. MPA strongly recommends that all contractors obtain and retain valid Mineral Products Qualifications Council/SPA contractor passports and that members request sight of these passports as part of site induction. Specifically, it is a requirement that all drivers delivering on behalf of members must hold an [MP Connect](#) Drivers' Card or equivalent.

MP Connect is a new state of the art card system that enables drivers to carry a fully functioning record of their working achievements and other important information and data in the form of wallet sized card. Supported by the MPA Board and Council, it represents a significant step forward in managing the safety of contract drivers, and is strongly recommended to members.

## Vehicle Safety Equipment

All in scope delivery vehicles must be fully in accordance with current legislation and Construction and Use regulations and be fitted with additional safety equipment.

# Vulnerable Road User Safety and Driver Training

## Additional or Specified Equipment Requirements

MPA members are required to equip new vehicles to the standard set out below. Drivers using vehicles in environments with significant numbers of vulnerable road users should consider accelerating the fitting of recommended equipment.

Equipment type	New vehicles	Existing and all vehicles	Existing policy	Notes
<b>Reversing Alarm</b>	✓	✓	✓	
<b>Rear View Camera</b>	✓	✓	✓	
<b>Flashing lights/ beacons</b>	✓	✓	✓	Compliant to HA chapter B
<b>Vehicle conspicuity</b>	✓	✓	✓	Either light coloured vehicles or reflective side and rear markings
<b>Daytime running lights</b>	Legal requirement for certain type approvals	Legal requirement for certain type approvals	✓	Recommended for all vehicles

# Vulnerable Road User Safety and Driver Training

Equipment type	New vehicles	Existing and all vehicles	Existing policy	Notes
Mirror class VI	✓	✓	✓	
Rear warning sign for cyclists	✓	✓	✓	
Side under-run guards for tippers – both sides	✓	✓	✓	Compliant to C and U regulations
Blind spot elimination devices (sensors and/or cameras)	✓	✓	✓	Positive response reported from drivers
Audible warning for cyclists and pedestrians linked to low speed operation and left indicator AND additional side indicator linked to audible warning	✓	✓	✓	Equipment designed for use in low speed, built up areas when turning left.  Can be disabled where nuisance is an issue, subject to risk assessment.
Sheeting of Tippers	✓	✓	✓	Long term MPA policy

# Vulnerable Road User Safety and Driver Training

## **Management of Haulage Operations**

Transport fleet operators are required to ensure that the management of transport operations meets the standard of an approved independent fleet management audit, for example the Fleet Operator Recognition Scheme (FORS).

## **Collision Reporting**

Fleet operators are required to collect, investigate and analyse information collected in relation to collisions involving their vehicles which result in injury or damage to vehicles and property.

## **Traffic Routing**

Members should ensure that delivery routes specified by clients/customers are adhered to unless directed otherwise.

## **Construction Client Requirements**

When acting as construction clients/contractors, MPA members should implement standards to improve general safety associated with materials delivery and unloading. These include planning of deliveries, good site access and egress and safe, flat areas for loading and unloading.

# Sheeting of Delivery Vehicles

- All member-owned tipping vehicles and those tipping vehicles working for members shall be sheeted when leaving members' premises, when they are carrying any aggregates with a grading less than 150mm.
- It is the responsibility of individual members to ensure that all such vehicles are sheeted and unsheeted in accordance with a safe system of work.
- All member-owned tipping vehicles and tipping vehicles in members' livery over 10 tonnes GVW whether covered by a formal contractual arrangement or not should be fitted with ground operated sheeting system.
- MPA members will actively pursue a policy of encouraging all hauliers to fit appropriate vehicles with ground or cab operated sheeting systems.
- For vehicles less than 10 tonnes GVW, and those vehicles fitted with grabs and other ancillary equipment, members should ensure that safe practice is used in the sheeting of these vehicles.

# The Fitting of Inclinometers to Articulated Tippers

The fitting of inclinometers, interfaced with the power take-off (PTO) to both sound an alarm and stop the ram being raised, is a required safety feature fitted to new vehicles and a recommended retrofit for existing vehicles.

## Introduction

Roll overs of articulated tippers remains a significant safety hazard and evidence from members indicates a continuing problem both on customer and member sites. There is also a perception amongst some contractors and clients that articulated tippers are inherently unsafe, leading to these vehicles being banned from some contracts.

While some members are managing this safety hazard through the use of non-tipping technology such as walking floor trailers, articulated tippers are used widely throughout the industry and will continue to be used for the foreseeable future. Therefore a policy to improve the safety of articulated tippers should have multiple benefits:

1. It will improve driver and workplace safety on member and customer sites
2. It will help to encourage contractors and clients to accept deliveries from (safer) articulated tippers.
3. Greater use of (safer) articulated tippers would reduce carbon and other emissions associated with industry supply (per tonne of aggregates) and reduce the number of HGV deliveries and therefore congestion

## Specific Recommendation

MPA mandates the fitting of Power Take Off (PTO) engaged inclinometer systems to all new tractor and trailer tipping combinations coming into service and recommends retrofitting existing articulated tipping combinations by the end of 2024.

# The Fitting of Inclinometers to Articulated Tipper

## **Inclinometer Technology**

Most vehicles are already purchased with an onboard weigher system with an inclinometer installed and the additional cost of installing the PTO interface on new vehicles is relatively low.

An inclinometer system detects the deflection at the load as it is raised and can step in if it goes beyond the set point, allowing the load to be lowered before the point of roll over. Rushed tipping appears to play a significant part in roll overs and a system that prevents the tip starting until the vehicle is on suitable level ground, or steps in if the load is causing instability whilst it is being raised during discharge is the best solution, as drivers can choose to ignore a system which is simply an alarm. These systems should be set to 4 degrees at the point of activation and supporting information for installation and training can be distributed to operators, including details of the systems and suppliers

## **Supporting Evidence and information**

The MPA survey in 2014 showed 37 artic roll overs amongst members over a 3-year period and as this survey information was not comprehensive it is therefore probable that the number of roll overs is significantly higher. Anecdotal evidence from members indicates that articulated tipper roll overs continue to occur. Safe tipping angles are extremely difficult for drivers to judge without the use of inclinometer technology. Small and often undetectable variations in ground levels and non-horizontal horizons on sites make it very difficult for drivers to gauge whether tipping angles are safe.

# The Fitting of Inclinometers to Articulated Tippers

Whilst there has been an increase in the number of walking floor trailers being built, these still only represent a very small percentage of the artic bulk haulage market, with the majority of the independent hauliers' fleets purchasing 60 – 70 cu m bulker tipping trailers – believed to account for circa 80% of the articulated tipper market. Industry relies upon these hauliers for volume flexibility and cost-effective trucked haulage. Only dedicated industry hauliers or branded fleets tend to buy 38 cu m aggregate trailers or walking floors.

Bulker bodies represented over 80% of recorded roll overs as they have the added risk of poorly distributed loads further reducing stability (70% of the roll overs recorded fell to the near side – due to sheeting systems the vehicles are loaded from the opposite side). It is estimated that with 2/3 of the payload shifted onto one side, stability would be reduced by circa 2 degrees. IRTE guideline is for (CAT A) trailers to be constructed to cope with a 7% incline.

It is key that any safety system is maintained and set correctly, combined with adequate training. We recommend they are set to 4 degrees. Some are set to 6-degree alarm point, which is too high to prevent most roll overs.

It is also key that the system is periodically checked to ensure it is working correctly. Safety systems are not fool proof and if a vehicle is moved with the load already at height to uneven ground or shunted to assist a sticking load for example, a roll over could still occur.

Drivers interviewed see a safety benefit as it is very difficult for them to know if they have parked with the trailer on an incline or if the rear trailer wheels are on the stock pile, creating an incline.

# The Fitting of Inclinometers to Articulated Tippers

80% of recorded roll overs were with less free flowing products, such as dust, sand and MOT materials which tend to stick in the trailer body, increasing instability and it is difficult for drivers to know how these products will discharge.

With the most common safety risk still being slips, trips and falls, a lot of work has been done in the industry to keep drivers in cabs. This does however reduce the ability of the driver to check loads for distribution and to walk around to inspect the delivery point.

It is appreciated that where businesses have more of a drop and pick up operation with their tractor and trailers there will be a variety of age combinations, an issue which has to be managed for other safety features, but which should be compatible with this policy given the proposed compliance period.

# Contractor Safety

## **Vision Zero**

MPA members and their Contractors will work closely together to reduce contractor injuries and the incidence of ill health, with the aim of realising [Vision Zero](#).

## **Competency**

MPA members will use only contractors who are competent, and should have systems in place (such as MP Connect) to verify contractor competence. Contractors will provide personnel and sub-contractors who are competent for the work to be undertaken. On matters of health & safety, MPA members will consider the needs of contractors with the same diligence as for employees.

## **Consistency of MPA Members' Approach**

MPA members will continue to work together to develop consistency in their approach to health & safety fundamentals for the benefit of all parties, e.g. 'golden rules'; risk assessments; method statements; lock-out procedures; etc.

## **Risk Management**

MPA members and Contractors will ensure that all risk assessments are specific for the work to be undertaken and have been prepared by competent persons including those involved in the task.

## **Supervision**

MPA members and, where appropriate, Contractors will provide a point of contact on site and will ensure that the level of supervision is appropriate for the work being undertaken. MPA members and Contractors will provide a working environment that is fair and reasonable, and encourages an open approach towards improving health and safety.

# Contractor Safety

## Communication

MPA members will involve Contractors on site in Health & Safety Committees, safety briefings and toolbox talks, when appropriate. MPA Members and Contractors will encourage 'Near Hit' reporting as a positive leading indicator and will empower their employees to challenge conditions which undermine the aim of realising Vision Zero.

## Occupational Health

Contractors will work with MPA members to address occupational health issues.

## Safe Plant and Equipment

Contractors will ensure, by their own declaration, that their plant, tools and equipment are fit for purpose and meet accepted Industry standards.

## MPQC Contractors Safety Passport

MPA strongly recommends that all Contractors obtain and retain valid [MPQC/SPA Contractor Safety Passports](#) and that MPA members request sight of these Passports upon the Contractor's arrival, as part of a site specific induction. By exception, client exemptions may apply if the contractor is working under close, effective and proportionate supervision.

## MPA Health & Safety Awards Scheme

MPA members will encourage Contractors to participate in the annual MPA Health & Safety Awards Scheme. Contractors will commit to take note of relevant articles in MPA's 'Sharing Good Practice' guides and all other relevant guidance freely available at [www.Safequarry.com](http://www.Safequarry.com) and [www.Safeprecast.com](http://www.Safeprecast.com)



## **MPA Targets**

# MPA Targets

These targets are not intended to apply to members individually. MPA will consolidate data returned to it and compile results to enable monitoring in the same way as it does with existing health and safety data. The overall results of monitoring will be reported back to members and any action required discussed and agreed with them.

Targets	
<p><b>Health &amp; Safety</b></p> <p><b>Employee and Contractor Health &amp; Safety</b></p>	<p>To treat the health, safety and well-being of employees, contractors and visitors as the number one priority in order to realise <a href="#">Vision Zero</a>.</p> <p><b>Target:</b> To achieve a Lost Time Incident Frequency Rate below 1.5 by 2025 (equivalent to a 50% reduction from 2020).</p> <p><b>Target:</b> To achieve zero reportable incidents (fatalities and serious injuries) attributable to <a href="#">The Fatal 6</a> causes by 2025.</p> <p><b>Target:</b> To achieve zero incidence of uncontrolled personal exposures to RCS which are above the Workplace Exposure Limit.</p> <p><b>Progress:</b> LTIFR has shown an improving trend during 2022 and the rate has fallen below 3 for the first time, but further improvement is required to close the gap between the hard target and the current rate. The number of Reportable Incidents linked to 'The Fatal 6' remains broadly on track to meet the Hard Target.</p> <p>A range of Leading Indicators were adopted in 2020 to help shift the focus from measuring 'the absence of incidents' to 'the presence of health and safety'. The data for 2021 shows much greater coverage of member operations (81%) and employees (95%) compared to the baseline year (2020), with progress being made across all of the indicators:</p> <ul style="list-style-type: none"> <li>- % member sites completing a company isolation audit (QNJAC or equivalent) within past 3 years (84%) and implemented an isolation action plan (98%);</li> <li>- % member organisations requiring:             <ol style="list-style-type: none"> <li>1. drivers to hold a relevant skills/competency card (78%)</li> <li>2. contractors to hold a relevant skills/competency card (74%)</li> </ol> </li> </ul>

# MPA Targets

Targets	
<p><b>Health &amp; Safety</b> <b>Employee and Contractor Health &amp; Safety</b></p>	<p><b>Leadership at all levels:</b></p> <ul style="list-style-type: none"> <li>- total number of individuals who have done Safer and Healthier By Leadership or equivalent during past 5 years (420);</li> <li>- % operational members who have senior managers who have attended Safer and Healthier By Leadership within the past 5 years (18%)</li> </ul> <p><b>Recognition:</b></p> <ul style="list-style-type: none"> <li>- % member organisations who have submitted a MPA/British Precast H&amp;S awards entry (16.8%)</li> </ul> <p><b>Forward Measurement:</b></p> <ul style="list-style-type: none"> <li>- number of safety alerts related to 'F6' reported on Safequarry (19);</li> <li>- number of MPA members actively using <a href="http://www.safequarry.com">www.safequarry.com</a> (1674 - full and associate)</li> </ul> <p><b>Healthy workplaces:</b></p> <ul style="list-style-type: none"> <li>- % member organisations providing an occupational health screening programme for employees (86%)</li> <li>- % member organisations with a routine programme of personal exposure monitoring for RCS (90%)</li> </ul> <p><b>Engagement:</b></p> <ul style="list-style-type: none"> <li>- % member organisations participating in MPA H&amp;S related events (41%)</li> </ul>
<p><b>People</b> <b>Local Communities</b></p>	<p>To engage fully with local communities and strive to be good neighbours</p> <p><b>Target:</b> To evaluate the need for a Community Engagement Plan for extractive sites and where appropriate at other sites and implement where necessary.</p> <p><b>Progress:</b> A community engagement plan template is available as part of the <a href="#">MPA Good Neighbour</a> suite of resources</p>

# MPA Targets

	Targets
<p><b>Resource Use</b></p> <p><b>Water</b></p>	<p>To optimise the use of water and ensure prudent management</p> <p><b>Target:</b> 100% of all sites to be measured for water consumption and discharges by 2025.</p> <p><b>Progress:</b> Monitoring of site water consumption and discharge is becoming more consistent across member sites. Further progress is anticipated in light of the new licensing regime.</p> <p>To minimise waste and maximise re-use and recycling.</p> <p><b>Target:</b> Optimise waste used beneficially in accordance with the site Planning Permission for restoration purposes. To minimise extractive waste produced on site during the excavation phase in accordance with the mining waste directive BREF.</p> <p><b>Progress:</b> MPA updated the document "<a href="#">The Contribution of Recycled and Secondary Materials to Total Aggregates Supply in Great Britain in 2018</a>".</p>
<p><b>Climate Change &amp; Energy</b></p> <p><b>Carbon &amp; Atmospheric Emissions</b></p>	<p>To reduce emissions in accordance with the MPA carbon road maps and Government objectives.</p> <p><b>Target:</b> MPA to quantify the amount of CO<sub>2</sub> produced per tonne of product produced by each sector by 2020.</p> <p><b>Progress:</b> Data on CO<sub>2</sub> produced per tonne of asphalt, hard rock, sand and gravel, cement, lime and precast is provided in the <a href="#">MPA SD reports</a>. The UK Concrete and Cement Industry published its <a href="#">roadmap to Beyond Net Zero</a>.</p> <p>MPA to showcase energy efficiency and decarbonisation action across the sector.</p>
<p><b>Climate Change &amp; Energy</b></p> <p><b>Energy</b></p>	<p>To optimise the use of energy whilst maximising the use of non-fossil fuels.</p> <p><b>Target:</b> MPA will quantify the amount of energy consumed per tonne of product produced by each sector by 2020.</p> <p><b>Progress:</b> Data on energy used per tonne of asphalt, hard rock, sand and gravel, cement, lime and precast is provided in the <a href="#">MPA SD reports</a>.</p> <p>MPA to showcase energy efficiency and decarbonisation action across the sector.</p>

# MPA Targets

	Targets
<p><b>Climate Change &amp; Energy</b></p> <p><b>Transport</b></p>	<p>To reduce emissions and other impacts of the transportation and delivery of products.</p> <p><b>Target:</b> To understand and obtain a baseline for the amount of CO<sub>2</sub> produced per tonne of product transported by 2020.</p> <p><b>Progress:</b> Whilst data on transport continues to be collected it is proving difficult to quantify the amount of CO<sub>2</sub> produced per tonne of product.</p> <p>MPA to showcase energy efficiency and decarbonisation action across the sector.</p>
<p><b>Natural Environment</b></p> <p><b>Biodiversity</b></p>	<p>To protect and enhance biodiversity: deliver net gain wherever possible.</p> <p>Increase the area of priority Habitats through quarry restoration.</p> <p><b>Target:</b> 100% of extractive sites to have a Biodiversity Action Plan in place by 2025.</p> <p><b>Progress:</b> Member sites with Biodiversity Action Plans in place continues to increase. A guide on implementing Biodiversity Action Plans has been provided to Members. The <a href="#">MPA Biodiversity Strategy</a> has been updated and published.</p>
<p><b>Natural Environment</b></p> <p><b>Natural Capital</b></p>	<p>To protect natural capital and enhance where possible.</p> <p><b>Target:</b> MPA to produce a report to assist minerals industry understanding of the Natural Capital balance of the industry by 2020.</p> <p><b>Progress:</b> Initial work has been undertaken to better understand the concept and the implications for the mineral industry. A 'watching brief' is being kept to ensure that if policy progresses the industry is well placed to respond.</p>
<p><b>Natural Environment</b></p> <p><b>Environmental Protection</b></p>	<p>To minimise and mitigate operational impacts</p> <p><b>Target:</b> 100% sites to have an Environmental Management System in place by 2025.</p> <p><b>Progress:</b> Currently, over 95% of all sites report that they have an Environmental Management System in place.</p>



**Guidance**

# MPA Guidance Documents

<p><b>Core: Health and Safety</b></p>	<ul style="list-style-type: none"> <li>• MPA Health &amp; Safety resources and other information including incident alerts are available via <a href="http://www.safequarry.com">www.safequarry.com</a> and <a href="http://www.safeprecast.com">www.safeprecast.com</a>. Key examples are highlighted below.</li> <li>• <a href="#">Sharing Good Practice 2019/20</a></li> <li>• <a href="#">Guidelines for the management of public safety on MPA Member's operational and non operational sites</a></li> <li>• Best practice guidance for the specification of health and safety features on new and re-engineered mobile plant, 'Safer by Design'</li> <li>• Light vehicles (management of Collect trade)</li> <li>• <a href="#">MPA Driver's Handbook</a></li> <li>• <a href="#">Company Car &amp; Van Handbook</a></li> <li>• <a href="#">Working with Respirable Crystalline Silica</a></li> <li>• <a href="#">'The Fatal 6' – a developing 'family' of 'clear, simple, smart' resources for managers and employees:</a> <ul style="list-style-type: none"> <li>- Contact with Moving Machinery &amp; Isolation</li> <li>- Transport Pedestrian Interface</li> <li>- Working at Height</li> <li>- Workplace Respirable Crystalline Silica</li> <li>- Struck by moving or falling object</li> <li>- Road traffic accidents</li> </ul> </li> <li>• <a href="#">Mental Health – Recognising and Managing Mental Health and Wellbeing issues Handbooks for Managers and Employees</a></li> <li>• <a href="#">Vision Zero – Handbook and resources for Employees and Managers</a></li> <li>• <a href="#">Guidance for prevention of storage silo over-pressurisation during road tanker deliveries of non-explosive powders</a></li> <li>• <a href="#">Guidelines for the Management of Public Safety on MPA</a></li> <li>-</li> </ul>
<p><b>Core: Environment &amp; Mineral Planning</b></p>	<ul style="list-style-type: none"> <li>• Guidance on Removal of the Dewatering Exemptions in England</li> </ul>

# MPA Guidance Documents

<b>BMAPA</b>	<ul style="list-style-type: none"> <li>• <a href="#">Marine Aggregate Dredging and the Coastline: a Guidance Note</a></li> <li>• <a href="#">Guide to Good Practice for ensuring Navigation Safety during Aggregate Dredging Operations</a></li> <li>• <a href="#">Marine Aggregate Extraction and Subsea Cables Proximity Guidance</a></li> <li>• <a href="#">Marine Aggregate Dredging and the Historic Environment: Guidance Note</a></li> <li>• <a href="#">Protocol for Reporting Finds of Archaeological Interest</a></li> <li>• <a href="#">Dealing with Munitions in Marine Sediments: Guidance Note</a></li> <li>• <a href="#">Fisheries Liaison Code of Practice</a></li> <li>• <a href="#">Biodiversity Action Plan for the UK Marine Aggregates Industry</a></li> <li>• <a href="#">Sustainable Development Strategy</a></li> <li>• <a href="#">Good Practice Guidance: Extraction by Dredging of Aggregates from England's Seabed</a></li> </ul>
<b>MPA Precast</b>	MPA Precast has produced a number of fact sheets and guidance documents, available at: <a href="http://www.mpaprecast.org">www.mpaprecast.org</a>
<b>MPA Masonry</b>	MPA Masonry has produced a number of fact sheets and guidance documents, available at: <a href="http://www.mpamasonry.org">www.mpamasonry.org</a>
<b>BRMCA</b>	<ul style="list-style-type: none"> <li>• <a href="#">Best Practice – Managing Concrete Wash Waters on Site</a></li> <li>• <a href="#">Managing Concrete Plant Water and Wash Water</a></li> <li>• <a href="#">Ready-Mixed Concrete Resource Efficiency Action Plan</a></li> <li>• <a href="#">Ready-Mixed Concrete – practical guide for site personnel</a></li> <li>• <a href="#">BRMCA Information Sheet: Concrete chloride class</a></li> <li>• <a href="#">BRMCA Guides: In-situ strength assessment</a> (6 guides available at <a href="http://brmca.org.uk/downloads.php">brmca.org.uk/downloads.php</a>)</li> <li>• <a href="#">Concretes for Agricultural Use</a> - Designated Concrete</li> <li>• <a href="#">Concretes for Housing</a> - Designated Concrete</li> </ul>
<b>Cement</b>	<ul style="list-style-type: none"> <li>• MPA Cement has produced a number of fact sheets and guidance documents, available at <a href="https://cement.mineralproducts.org/downloads/">https://cement.mineralproducts.org/downloads/</a></li> </ul>
<b>Cement and BLA</b>	<ul style="list-style-type: none"> <li>• <a href="#">Code of Practice for the use of Waste Materials in Cement and Dolomitic Lime Manufacture</a></li> </ul>



# MPA Guidance Documents

<p><b>The Concrete Centre</b></p>	<p>To support the <a href="#">Concrete Industry Sustainable Construction Strategy</a>:</p> <ul style="list-style-type: none"> <li>• Concrete Industry Guidance to Support BRE Global BES 6001 (available via <a href="https://www.sustainableconcrete.org.uk">https://www.sustainableconcrete.org.uk</a>)</li> <li>• Concrete Industry Guidance to support Sustainable Construction Strategy indicators</li> </ul> <p>Best practice guidance for concrete and concrete in the built environment:</p> <ul style="list-style-type: none"> <li>• <a href="#">Concrete Quarterly Magazine</a></li> <li>• <a href="#">Specifying Sustainable Concrete</a></li> <li>• <a href="#">Material Efficiency</a></li> <li>• <a href="#">Concrete Framed Buildings</a></li> <li>• <a href="#">Visual Concrete</a></li> </ul> <p>The full suite of guidance documents is available at <a href="http://www.concretecentre.com/publications">www.concretecentre.com/publications</a></p>
<p><b>MPA Dimension Stone</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">Safer by Design: Bridge Saw Guarding</a></li> </ul>
<p><b>UK Concrete</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">This is UK Concrete (UK Concrete Handbook)</a></li> <li>• <a href="#">UK Concrete and Cement Industry Roadmap to Beyond Net Zero</a></li> <li>• <a href="#">On the Road to Beyond net Zero Concrete (a short guide for employees, customers and suppliers)</a></li> <li>• <a href="#">Decarbonising UK Concrete and Cement: Accelerating the Net Zero Journey (policy suggestions for Government)</a></li> <li>• There are a suite of lever papers supporting the Roadmap</li> </ul> <p>All resources are available at: <a href="http://www.thisisukconcrete.co.uk/Resources.aspx">www.thisisukconcrete.co.uk/Resources.aspx</a></p>
<p><b>MPA Mortar</b></p>	<ul style="list-style-type: none"> <li>• MPA Mortar has produced a number of Data Sheets and Learning Texts, available at: <a href="https://www.mortar.org.uk/technical_information">https://www.mortar.org.uk/technical_information</a></li> </ul>



# **Campaigns, Strategies and Initiatives**

# Campaigns

	Objective	Member Input
<p><b>Stay Safe</b></p> <p><b>Staff lead:</b> <b>Elizabeth Clements</b></p>	<p>To prevent public death and injury from entering into operational quarries uninvited. To work collaboratively with other relevant stakeholders, particularly to raise public awareness of the hazards associated with quarry lakes or water filled voids in both operational and non-operational quarries.</p>	<ul style="list-style-type: none"> <li>• Support <a href="#">UK Drowning Prevention Strategy</a> and national water safety strategies</li> <li>• Ensure risk assessments are up to date and that all incident data is provided promptly to MPA (via David Yelland).</li> <li>• Provide updates to MPA on sites members have identified as high risk site in relation to public safety (via David Yelland)</li> <li>• Focus on sites at risk, particularly with quarry lakes via strategic community relations and possible media activity.</li> <li>• Identify sites to MPA where there is an ongoing issue with trespass and are perceived high risk in relation to public safety to assist MPA with media strategy, mailing of resources to schools and school visits.</li> <li>• Various regions across the UK are establishing Inland Water Safety Forums – MPA have committed to providing representatives from the quarrying industry in areas where there is significant activity – provide representatives for circa 2 meetings a year.</li> <li>• Use <a href="#">MPA public safety signage</a> at sites and promote internally.</li> <li>• Ensure that process is in place to check damage to warning signs and fencing and remain appropriate for site if operation or status has changed</li> <li>• Communicate key messages via internal communications and social media i.e. helping to keep their friends and family safe. Support <a href="#">MPA Stay Safe Facebook</a> – promote to staff and other relevant parties.</li> </ul>

# Campaigns

	Objective	Member Input
<p><b><u>Stay Safe - Continued</u></b></p> <p><b>Staff lead:</b> <b>Elizabeth Clements</b></p>	<p>To prevent public death and injury from entering into operational quarries uninvented. To work collaboratively with other relevant stakeholders, particularly to raise public awareness of the hazards associated with quarry lakes or water filled voids in both operational and non-operational quarries.</p>	<ul style="list-style-type: none"> <li>• Support MPA campaign to raise awareness of suicide and share advice from specialist organisations such as Samaritans on how to engage with members of public who may be at risk.</li> <li>• Share resources and provide training to employees working near water on the management of public and personal safety when near water.</li> <li>• Ensure that new owners or managers are aware of their responsibilities in relation to public safety when site responsibility/ownership is transferred</li> </ul>
<p><b><u>Cycle Safe</u></b></p> <p><b>Staff lead:</b> <b>Robert McIlveen</b></p>	<p>To prevent collisions between cyclists and LGVs.</p> <p>To support the CLOCS standard.</p>	<ul style="list-style-type: none"> <li>• MPA outreach events – provision of vehicles.</li> <li>• Member outreach events – use of MPA materials.</li> <li>• Actively support CLOCS standard.</li> <li>• School visits/community liaison.</li> <li>• Encourage and facilitate use of the <a href="#">MPA Driver's Handbook</a>.</li> </ul>

# Campaigns

	Objective	Member Input
<p><b><u><a href="#">Make the Link</a></u></b></p> <p><b>Staff lead:</b> <b>Elizabeth Clements</b></p> 	<p>To raise awareness of the sector and its contribution to the UK.</p> <p>To influence policy development/implementation in Government, notably to ensure reasonable and proportionate regulation and to encourage investment in construction.</p> <p>To create opportunities for dialogue between industry and external audiences/organisations.</p>	<ul style="list-style-type: none"> <li>Using the Make the Link logo and campaign information on websites, stationery etc.</li> <li>Provide case studies etc.</li> <li>Promoting the Make the Link messages and resources to MPs and other stakeholders where they have operations or restored sites.</li> <li>Informing company personnel about the campaign via inter company communications and intranet links.</li> </ul>
<p><b><u><a href="#">UK Concrete</a></u></b></p> <p><b>Staff lead:</b> <b>Claire Ackerman</b></p>	<p>To raise awareness of the contribution of concrete in a sustainable built environment.</p>	<ul style="list-style-type: none"> <li>Use MPA resources.</li> <li>Engage in social media community.</li> <li>Contribute case studies.</li> </ul>
<p><b><u><a href="#">ALARM</a></u></b></p> <p><b>Staff lead:</b> <b>Malcolm Simms</b></p> 	<p>To highlight the ongoing need for sustained and increased Government funding for road maintenance. By providing detailed insight into the funding and conditions of the local road network, based on the information provided directly by those responsible for its maintenance, this can be used by stakeholders across the sector for tracking, benchmarking, planning and campaigning purposes.</p>	<ul style="list-style-type: none"> <li>Support <a href="#">national media campaign</a>.</li> <li>Provision of case studies.</li> </ul>

# Campaigns

	Objective	Member Input
<p><b><u>Concrete Futures</u></b></p> <p><b>Staff lead:</b> <b>Claire Ackerman</b></p>	<p>To raise the awareness of innovation in concrete and building design and its contribution to a sustainable built environment.</p>	<ul style="list-style-type: none"> <li>• Use MPA resources</li> <li>• Engage in Concrete Futures exhibition at Futurebuild and campaign activity</li> <li>• Contribute case studies.</li> </ul>
<p><b><u>Quarries &amp; Nature</u></b></p> <p><b>Staff lead:</b> <b>Elizabeth Clements &amp; David Payne</b></p> 	<p>To showcase our members' and the industry's unique ability to deliver local and national biodiversity targets and the <a href="#">MPA Biodiversity Strategy</a>.</p> <p>Also, to demonstrate the industry's valuable legacy of restored sites.</p>	<ul style="list-style-type: none"> <li>• MPA Biodiversity Awards – entries.</li> <li>• MPA Restoration Awards – entries.</li> <li>• MPA Nature Photo Competition entries.</li> <li>• 'Quarry Watch' pilot – provide case studies, sites for filming, expertise.</li> <li>• <a href="#">Online National Nature Park</a> – provision of sites.</li> <li>• Provide case studies.</li> </ul>
<p><b><u>Younger Generation and Minerals Matter</u></b></p> <p><b>Staff lead:</b> <b>Elizabeth Clements</b></p>	<p>To facilitate provision of information about the industry/member contact, for teachers and students.</p> <p>Through the <a href="#">Minerals Matters</a> campaign, to provide positive information on careers opportunities in the sector.</p>	<ul style="list-style-type: none"> <li>• Provision of information/facilitation of site visits.</li> <li>• Share resources/case studies.</li> </ul>

# Strategies

## MPA Biodiversity Strategy



MPA members will continue to take a positive approach to nature conservation and recovery, leaving behind more and better quality habitats than before mineral extraction (net gain) through sensitive site selection, management, restoration and aftercare.

MPA and its members will:

- Protect and enhance biodiversity through land and site management and restoration, including wherever possible, delivering a net gain in biodiversity.
- Extend our knowledge of the wildlife interest and potential on and adjacent to active sites, and how best to maximise benefits through management, restoration and after-use, through monitoring and sharing of experience.
- Share best practice between our members and partners through regular events, briefings, and through our Biodiversity & Nature Conservation working group.
- Develop our partnerships with conservation organisations, decision makers and individuals to ensure that opportunities to improve biodiversity associated with minerals operations are understood and realised.
- Celebrate our successes through our [Quarries and Nature Awards](#), collating and publicising achievements.
- Understand our contribution to delivery of local, national and international biodiversity priorities, through measuring and reporting the gains that we are achieving and planning to deliver.
- Increase our influence through engagement with policy makers at all levels, including with global initiatives and in association with European Trade bodies.
- Promote awareness and participation using industry assets such as restored sites and education centres to encourage visitors and out-of-classroom learning, to encourage first-hand experiences of the natural environment and our role in its conservation.

For full details, please see the [MPA Biodiversity Strategy](#).

# Strategies

## MPA Water Strategy



The strategy sets out three aims:

- Minimising water consumption
- Prioritising use of the most sustainable water sources
- Protecting the water environment

Achieving these will enable the mineral products industry to improve its understanding of the amount of water consumed and demonstrate where measures have been implemented to reduce consumption, use the most sustainable water sources and maintain water quality.

MPA members are committed to the sustainable use of water over the entire product life cycle (cradle to grave) and designing products and solutions that will contribute to sustainable development.

For full details, please see the [MPA Water Strategy](#).

## Concrete Industry Sustainable Construction Strategy



The [Concrete Industry Sustainable Construction Strategy](#) represents a commitment from 10 sectors to an agreed performance indicator framework. Underpinning the strategy are the best practice approaches represented by ISO 14001 on Environmental Management and ISO 9001 for Quality and Performance.

The strategy was launched in 2008 and is currently working to 2020 targets on a range of indicators including health and safety, responsible sourcing, waste minimisation, water, biodiversity, energy efficiency, resource efficiency, employment and skills, and local community.

The vision, set in 2008, is to be recognised as a leader in sustainable construction, by taking a dynamic role in delivering a sustainable, low carbon built environment in a socially, environmentally and economically responsible manner.

During 2023 this strategy will be updated and relaunched as the UK Concrete Sustainable Construction Strategy and will be aligned to the [UK Concrete and Cement Roadmap to Beyond Net Zero](#).

# Strategies

## [UK Concrete and Cement Industry Roadmap to Beyond Net Zero](#)



There is an opportunity to deliver a net zero concrete and cement industry, reduce emissions from the built environment and support the delivery of the Government's net zero target. We also have the potential to deliver beyond net zero by 2050 – removing more carbon from the atmosphere than we produce each year.

Our [roadmap](#) sets out a credible pathway to delivering net zero concrete and cement by 2050 together with our recommendations about the framework, policy and cross-industry collaboration that are required, and it draws on input from all major UK concrete and cement manufacturers.

Importantly, this model does not rely upon carbon offsetting or offshoring emissions but demonstrates a pathway to beyond net zero through the application of a range of deployable technologies. In our roadmap, we optimise the application of existing and emerging manufacturing technologies including energy efficiency, fuel switching, low-carbon cements and concretes, and carbon capture, use or storage (CCUS) to deliver net zero.

# Initiatives

<p><b><u>MPA Good Neighbour Scheme</u></b></p> <p><b>Staff lead:</b> <b>Elizabeth Clements</b></p> 	<p>The MPA <a href="#">Good Neighbour Scheme</a> outlines reasonable expectations that MPA members may have of themselves and each other in terms of activity which can have a direct impact on local communities, e.g. external appearance, noise, dust, mud, maintenance of entrances and perimeters etc. The former Saga Code of Practice 1991 has been used as a basis to construct a shorter, more contemporary, document.</p> <p>The MPA Good Neighbour Scheme will assist with the delivery of the MPA Charter and in meeting our objective for Local Communities, thereby supporting the achievement of the MPA Vision. We firmly believe that by engaging more, the industry can build trust with local communities.</p> <p>Conformity with planning and permitting conditions and schemes is the baseline for acceptable operational performance. Consideration should be given to forming a Community Engagement Plan in accordance with MPA guidance. Forming a local community liaison group is, however it is recognised that this is not always necessary or appropriate.</p>
<p><b>Core:</b> <b><u>Health &amp; Safety</u></b></p> <p><b>Staff lead:</b> <b>Chris Leese</b></p> 	<ul style="list-style-type: none"> <li>• <a href="#">Vision Zero</a></li> <li>• <a href="#">Safer by Competence</a></li> <li>• Safer and Healthier by Leadership</li> <li>• <a href="#">Safer by Design</a></li> <li>• <a href="#">Safer by Sharing</a></li> <li>• <a href="#">Safer by Partnership</a></li> <li>• <a href="#">Safer by Association</a></li> <li>• 'The Fatal 6'</li> </ul>
<p><b>Core:</b> <b><u>Biodiversity</u></b></p> <p><b>Staff lead:</b> <b>David Payne</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">MPA National Nature Park</a></li> <li>• MOU with Bumblebee Conservation Trust</li> <li>• MOU with Freshwater Habitats Trust</li> <li>• Partnership with Bats Conservation Trust</li> <li>• Partnership with Natural England</li> </ul>

# Initiatives

<p><b>Core:</b> <b>Security</b></p> <p><b>Staff lead:</b> <b>Mark Russell</b></p>	<p>MPA holds regular meetings with the national police unit responsible for coordinating intelligence on supply chain protests, and has recently signed an MOU to formalise the way in which information is shared and exchanged.</p> <p>Any incidents or suspicious activity should continue to be reported to the local police force. However, individual member companies should also feed any reports of suspicious activity or emerging threats through MPA, via <a href="mailto:security@mineralproducts.org">security@mineralproducts.org</a>, to support the coordination of the mineral sector's engagement with national police. Channelling information through MPA will also ensure that all member companies can be appropriately sighted on any new threats or risks that may be emerging in other parts of the country.</p>
<p><b>MPA Precast and MPA Masonry</b></p> <p><b>Staff lead:</b> <b>Hafiz Elhag and Mark Shepherd</b></p>	<ul style="list-style-type: none"> <li>• Raising the Bar</li> <li>• <a href="#">Health &amp; Safety Charter</a></li> <li>• <a href="#">Sustainability Charter</a></li> </ul>
<p><b>MPA Restoration Guarantee Fund (RGF)</b></p> <p><b>Staff lead:</b> <b>Mark Russell</b></p> 	<p>The <a href="#">MPA Restoration Guarantee Fund</a> is an arms-length limited company which provides a £1m overall guarantee to planning authorities against a restoration default up to a single claim limit of £500k. It applies to active extraction sites operated by Fund members across England, Wales and Scotland producing rock, sand &amp; gravel, industrial sands and dimension stone. A planning authority can submit a claim when the operator of a quarry is unable to meet restoration obligations that arise through a planning condition as a result of financial failure.</p> <p>All new Producer Members of the MPA will have to be considered by the RGF Board for membership and will only become RGF members if their application is approved by the RGF Board.</p> <p>The RGF Board will consider the information supplied as part of this application, and may request updates or further information. At all times before admitting an MPA member to membership of the RGF the Board members should satisfy themselves that the applicant is making adequate provision to meet their restoration obligations and on the basis of evidence provided to them, is unlikely in the foreseeable future to call upon the indemnity provided by the Fund. Please note that the Board have full discretion on the acceptance or rejection of applicants to the Fund.</p>



**Useful Information**

# MPA Producer Members (England and Wales)

## Incorporates all Product Groups

### A .....

ABM Precast Solutions Limited  
AC Marine Aggregates Ltd  
AD Calvert Architectural Stone Supplies Ltd  
Aggregate Industries UK Ltd  
Albion Stone Plc  
Allen Newport Ltd  
Anglia Lime Company

### B .....

Banagher Precast Concrete Ltd  
Bathgate Silica Sand Ltd  
Ben Bennett Jr  
Besblock Limited  
Blue Phoenix UK Ltd  
Borough Green Sandpits Ltd  
Breedon Group Ltd  
Brett Group  
Brice Aggregates Ltd  
Britannia Aggregates Ltd  
Bromfield Sand & Gravel Co. Ltd  
Broome Bros (Doncaster) Limited  
Bryn Aggregates  
Burlington Stone Ltd

### C .....

Cappagh Group of Companies  
Cardigan Sand & Gravel Co. Ltd  
Cemcor  
CEMEX UK  
Chambers Runfold  
Clubb Sand and Gravel  
Colas Ltd  
Cornish Concrete Products Limited  
Cornish Lime Company Ltd

CPI Mortars Ltd  
Craven Concrete  
Creagh Concrete Products Limited  
Cross Concrete Flooring Ltd

### D .....

Day Aggregates Ltd  
Decomo UK Limited  
DELTABLOC UK Limited  
Denfind Stone  
Deme Building Materials Ltd  
Derbyshire Aggregates Limited  
Dragon Asphalt Ltd  
Dunhouse Quarry Co

### E .....

E&JW Glendinning  
Elite Precast Concrete Limited  
Erith Haulage Company Limited  
Eurovia Roadstone  
Evans Concrete Products/ Shay Murtagh Group  
Explore Manufacturing

### F .....

Ferns Aggregates  
Forterra Building Products Limited  
Forticrete Limited  
F M Conway Ltd  
F P McCann Limited

### G .....

Gallagher Group Ltd  
G.D. Harries & Sons Ltd  
Geo Quarries Ltd  
GRS Roadstone Limited  
Grundon Sand & Gravel Ltd

# MPA Producer Members (England and Wales)

## **H** .....

H+H UK Limited  
H Sivyer (Transport) Ltd  
H Tuckwell & Sons Ltd  
Hanson UK  
Harleyford Aggregates Ltd  
Harsco Environmental  
Hereford Quarries Ltd  
Hillhouse Quarry Group Ltd  
Hills Quarry Products Limited  
Hogan Group  
Hugh King & Co.  
Hutton Stone Co. Ltd

## **I** .....

Ibstock plc  
Imerys Aluminates  
Imerys Minerals Limited  
Ingrebourne Valley  
Interfuse Limited

## **J** .....

J & J Franks Ltd  
Johnston Quarry Group  
John Carr (Liverpool) Ltd  
John Wainwright & Co. Ltd  
JPE Holdings Ltd

## **L** .....

Laird Bros (Fofar) Ltd  
LandLogical Aggregates Ltd  
Levenseat Ltd  
Lhoist UK Ltd  
LKAB Minerals

Lightwater Quarries Ltd  
Lochaline Quartz Sand Limited  
Lovell Stone Group

## **M** .....

MAC Quarries Ltd  
Mannok Build  
Mansfield Sand Co. Ltd  
Marchington Group Ltd  
Marshalls Plc  
Mona Precast (Anglesey) Limited  
Moorhouse Sand & Gravel Pits  
Moreton C Cullimore (Gravels) Ltd  
The Mortar and Screed Company Limited  
Morris & Perry (Gurney Slade) Ltd  
Myers Group

## **N** .....

Natural Resource Services Holding  
Company Ltd  
Naylor Concrete Products Limited  
Newlay Concrete  
NMSB

## **O** .....

O'Donovan Waste Disposal Ltd  
O'Reilly Precast Ltd  
Omya UK Ltd

## **P** .....

PACADAR UK Ltd  
Patersons of Greenoakhill Ltd  
Plasmor Limited  
Portland Stone Firms Ltd  
Precast Products Group

# MPA Producer Members (England and Wales)

## Q .....

Quattro (UK) Ltd

## R .....

Raymond Brown Quarry Products Ltd  
R Collard Ltd  
Remix Dry Mortar  
Robeslee Concrete Company Limited  
Rotherham Sand & Gravel Co. Ltd

## S .....

Salop Sand & Gravel Supply Co Ltd  
Sea Aggregates Ltd/Euromin Ltd  
Sibelco UK  
Simpson Quarries Ltd  
Singleton Birch Ltd  
Skene Group Construction Services Ltd  
Smith & Sons (Bletchington) Ltd  
S Morris Limited  
Specialist Precast Products  
Springfield Farm Ltd  
SRC Aggregates  
SSG Quarries  
Stanton Precast Limited  
Sterling Services Limited  
Stowell Concrete Ltd  
Supreme Concrete Limited  
Suttle Stone Quarries

## T .....

Tarmac  
Techcrete Ireland Ltd  
Techrete UK Ltd  
Thakeham Tiles Limited  
Thomas Armstrong Group  
Thorp Precast Limited  
TJ Transport Ltd  
Townscape Products Limited  
Tradstocks Natural Stone  
Trefign Quarries Ltd  
TT Concrete Products Limited  
Tudor Griffiths Group

## V .....

Volker Dredging Ltd

## W .....

W Clifford Watts Ltd  
Wildmoor Quarry Products

# MPA Associate Members (England & Wales)

**Incorporates all Product Groups**

## # .....

3M UK Plc

## A .....

AABC Bagging Ltd  
Adfil Construction Fibres  
Adomast Manufacturing Ltd  
AECOM Limited  
Ammann Equipment Ltd  
Arcelor Mittal Sheffield Ltd  
Archaeological Research Services Ltd  
Aspen Advisory Services Ltd  
Associated British Ports (ABP)  
Avison Young

## B .....

Banner Contracts (Halnaby) Ltd  
B&B Attachments Ltd  
BDS Marketing Research Ltd  
Besser Company  
Beton Machinery Sales  
Birketts LLP Solicitors  
BRE  
British Sugar Plc  
Broadhead Global Limited  
BSG Ecology  
Builders Merchants Federation  
Bulldog Plant & Equipment Ltd  
Burgess Salmon LLP

## C .....

Cai and Watkins Consulting Ltd  
Cambrian Services Limited  
Canadian Precast Institute  
CarbonCure Technologies Inc  
Carter Jonas  
Caswick Ltd  
Cathay Industries (UK) Ltd  
CDE  
Cemblend Ltd  
Cemkem  
Cenin Limited  
Certora Training Limited  
Chaselet Ltd  
Chepstow Plant International Ltd  
Chryso UK Ltd  
ClarkeConsult  
CMS Cameron McKenna Nabarro Olswang LLP  
Coke Turner & Co.  
Command Alkon Ltd  
Concrete Manufacturers Association – South Africa  
ConcreteNZ  
Concrete Technology Ltd  
Conspare Ltd  
Construction Fixing Systems Ltd  
Construx  
Coomtech Limited  
Cordek Limited  
CPI Worldwide  
Crick Trailer Sales  
The Crown Estate  
CRW Holdings

# MPA Associate Members (England & Wales)

## D .....

DB Group (Holdings) Limited  
Davies Planning Ltd  
Devine Chemicals Ltd  
DLA Piper UK LLP  
Donaldson Filter Components Limited  
Doncaster College  
Dundee College  
DustscanAQ  
Dywidag-Systems International

## E .....

E3 Recruitment  
EA Ltd  
ECL  
Ecocem Ireland Ltd  
Ecoratio Ltd  
EKC Systems Ltd  
ELC Vocational Assessment & Safety  
Solutions Ltd  
Elematic Oyj  
ENVEA UK Ltd  
Envireau Water  
EPC-UK  
ERICO Europe b.v.  
Euro Accessories Limited  
Everything is Somewhere Ltd

## F .....

Finning (UK) Ltd  
Firstplan  
Fisher German LLP  
Flexco  
Fosroc International Limited  
Freeths Solicitors

## G .....

Gautam Zen  
GCP Applied Technologies  
Gerald Eve LLP  
GMKC Ltd  
Go Plant Limited  
Graceland Fixing Ltd  
GridBeyond

## H .....

Hafren Water  
Harding Hydro Ltd  
Hargreaves (UK) Services Limited  
Heaton Planning Ltd  
Hickman & Love (Tipton) Ltd  
Hitachi Construction Machinery UK  
Howes Percival LLP  
Hugh James

## I .....

Industrial Diagnostics Company Ltd  
Inter-Minerals  
Invisible Connections

## J .....

J C Bamford Excavators Ltd  
J & P Building Systems Limited  
JFPF Limited  
Jenco Consulting Ltd

## K .....

Kingston University  
KJ Services Limited  
Knights  
KVM Industrimaskiner A/S

# MPA Associate Members (England & Wales)

## **L** .....

Land & Mineral Management  
Landesign Planning and Landscape Ltd  
Lanxess Ltd  
Larsen Building Products  
Leading Edge Management  
Leca Danmark A/S  
Leeds Oil + Grease Co. Ltd (LOGCO)  
The Legal Director Limited  
Leviat Limited  
Lime Logistics Ltd  
London Rock Supplies Ltd  
Longrake Spar Co Ltd  
Loughborough University  
Lytag Ltd

## **M** .....

Mapei UK Ltd  
Martek Industries Ltd  
Martin Engineering Ltd  
Marubeni-Komatsu Ltd  
Master Builders Solutions UK Ltd  
Material Evolution  
Matthews & Son Chartered Surveyors  
Max Frank Ltd  
McLanahan UK Ltd  
Megasteel Ltd  
Miers Construction Products Ltd  
MJCA  
The Mineral Planning Group Ltd  
Mineral Products Qualifications Council  
Mineral Services Ltd  
MSA Safety

## **N** .....

National Precast Concrete Association  
Australia  
National Precast Concrete Association  
USA  
Neil Beningfield & Associates Ltd  
Nuovo Engineering Ltd

## **O** .....

O.C.O Technology Ltd  
Orica Europe Ltd  
Orlimex UK Ltd  
Oscrete UK

## **P** .....

Parex Ltd  
PCE Limited  
PCM Professional Limited  
PDE Consulting Ltd  
P.D. Ports Ltd  
Peel Ports Group Ltd  
Pegasus Group  
Peikko UK Ltd  
Pemat UK  
PERI Ltd  
Polarmatic Oy  
Port of Tilbury London Ltd  
Precast Concrete Structures Limited  
Precast Construction Technology Ltd  
Precast/Prestressed Concrete Institute  
Precast Structural Solutions  
Probst Ltd  
Procter Johnson  
Progress Group  
ProSpare Ltd  
PUK Ltd

# MPA Associate Members (England & Wales)

## R .....

Reece Safety Products  
 Rema Tip Top Industry UK Ltd  
 Resiblock Ltd  
 Response Engineering  
 Rettenmaier UK Ltd  
 RFA-Tech Ltd  
 Ricardo Energy and Environment  
 Rock and Road Training Ltd  
 Rockwool Limited  
 Roy Hatfield Ltd  
 RT Safety Solutions Ltd  
 Rural Arisings Limited

## S .....

Safety Coaching Ltd  
 Savills (L&P) Ltd  
 Schöck Ltd  
 SDG  
 Sense TMR Ltd  
 Sensicon Ltd  
 Sicoma S.V.R.  
 Siemens  
 SIKA Ltd  
 Silkstone Environmental Ltd  
 Simply Precast Accessories Ltd  
 SLR Consulting Ltd  
 Speciality Minerals  
 Spillard Safety Systems Ltd  
 Spiroll Precast Services Ltd  
 Stantec  
 Stephens Scown  
 Stephenson Halliday Ltd  
 Stevin Rock  
 StruSoft UK

## T .....

Tata Steel  
 Tetra Tech  
 TLT Solicitors  
 Trelleborg Pipe Seals  
 Trimble Solutions (UK) Ltd  
 Tripod Crest

## U .....

UK Certification Authority for Reinforcing  
 Steels (Cares)  
 University College London  
 University of Brighton  
 University of Dundee  
 University of Nottingham  
 University of Sheffield  
 University of Surrey  
 University of Teesside  
 University of the West of England  
 University of the West of Scotland

## W .....

Walters Group  
 Weir Minerals Europe Ltd  
 Wessex Archaeology Limited  
 Wincanton  
 Wirtgen Limited

## Y .....

Yara UK Ltd

# MPA Affiliate Members

## MPA Scotland

Aggregate Industries UK Ltd  
Angle Park Sand & Gravel Co  
Bonnar Sand & Gravel Co Ltd  
Breedon Northern Ltd  
Cemex UK  
D Geddes (Contractors) Ltd  
Hanson Aggregates  
Hillhouse Quarry Group Ltd  
Laird Aggregates Ltd  
Leiths (Scotland) Ltd  
Macleod & Mitchell (Contractors) Ltd  
McFadyens Contractors  
O-I Manufacturing UK Ltd  
Patersons of Greenoakhill Ltd  
Pat Munro Ltd  
Tarmac  
Tillicoultry Quarries Ltd  
W H Malcolm

## MPA Northern Ireland Producer Members

AG  
Armagh City Quarries  
B McCaffrey & Sons Ltd  
Barrack Hill Quarries  
Breedon Group  
Campbell Contracts Ltd  
Colinwell Concrete Ltd  
Collen Brothers (Quarries) Limited  
Conexpo (NI) Limited  
Core Aggregates  
Creagh Concrete Products Limited  
Curtis Enterprises  
Dalradian Gold Ltd

Douglas Acheson  
Ecocem Ireland Ltd  
F P McCann Limited  
George Crawford & Son  
Gibson Bros.  
Harold Graham  
Hughes Precast Products Ltd  
Irish Salt Mining & Exploration Co Ltd  
Irwins Quality Aggregates  
James Boyd & Sons (Carrmoney) Limited  
Jordan Concrete  
Kilwaughter Minerals Ltd  
Lafarge Ireland Ltd  
Lagan Operations and Maintenance Ltd  
Loughran Rock Industries  
Macrete Ireland  
Mannok  
Matthew Robinson & Son Concrete Products  
McGarrity Brothers Ltd  
McQuillan Companies  
MW Johnston & Son Ltd  
Moore Concrete Products Ltd  
Norman Emerson Group Limited  
Northstone (NI) Ltd  
Omya Uk Ltd  
P Keenan  
Peter Fitzpatrick Ltd  
Premier Cement Limited  
R J Mitten & Sons  
Riddles Bros Limited  
Robinson Quarry Masters Limited  
RTU Ltd  
Stanley Bell & Sons Ltd Sand & Gravel  
T H Moore (Contracts) Ltd  
Tobermore Concrete

# MPA Affiliate Members

## **MPA Northern Ireland Producer Members cont.**

Tracey Concrete Limited  
Tullyraine Quarries Limited  
W & J Chambers Limited  
Whitemountain

## **MPA Northern Ireland Associate Members**

Colas  
Tennants Bitumen

## **MPA Northern Ireland Affiliate Members**

Adcrete  
Carson McDowell LLP  
CavanaghKelly  
CDE Global Ltd  
Cleaver Fulton Rankin Solicitors  
ConveyorTek  
Dennison Commercials Ltd  
Finning  
Industry Training Services Ltd  
Larsen Building Products Ltd  
MCL Consulting Ltd  
Momentum NI  
NI RPE

Orica Blast & Quarry Surveys  
Quarryplan  
PCP Group  
Rapid International Ltd  
ReCon Waste Management  
RHM Commercial LLP  
RSK  
Simplicity Group  
Six-West Ltd  
SLR Consulting (Ireland) Ltd  
TBF Thompson  
Turley  
Ulster Industrial Explosives Limited  
William Orbinson QC

# MPA Affiliate Members

## British Association of Reinforcement

ArcelorMittal Kent Wire Ltd  
BRC Limited  
Celsa Steel (UK) Limited  
CONSTRUCT  
Dextra Manufacturing – UK  
Erico Europa (GB) Ltd  
Express Reinforcements Ltd  
Max Frank Ltd  
Outokumpu Stainless Limited  
RFA-Tech  
ROM UK Ltd

## British & Irish Calcium Carbonates Federation

Ben Bennett Jr Ltd  
Imerys Minerals Ltd  
Kilwaughter Minerals Ltd  
LKAB Minerals Ltd  
Longcliffe Ltd  
McGraths Limestone Ltd  
Omya UK Ltd  
Sibelco  
Specialty Minerals Inc  
Tarmac Ltd

## Cement Admixtures Association Full Members

Master Builders Solutions UK  
CHRYSO UK  
GCP Applied Technologies  
Oscrete  
Sika

## Cement Admixtures Association Associate Members

Borregaard  
Elkem  
Yara

## Eurobitume UK

Nynas Bitumen  
Shell Bitumen  
Total Bitumen  
Puma Energy

## UK Quality Ash Association Full Members

Aggregate Industries  
Breedon Cement Ltd  
CEMEX  
EPUKI  
H&H Celcon  
LKAB Minerals  
Power Minerals Ltd  
SSE  
ST Equipment & Technology Limited  
Tarmac Cement & Lime Ltd  
Uniper UK Ltd

## UK Quality Ash Association Affiliate Members

Aarsleff Ground Engineering Limited  
Cenin Limited  
Coomtech Limited  
Fairport Engineering Ltd  
Forkers Limited  
M&J Drilling Services

# MPA Board Directors & Council Members



## **MPA Board Directors** (name, role in MPA governance, company)

**Simon Willis**

*Chairman, Hanson UK*

**Peter Buckley**

*Tarmac*

**Bill Brett**

*Brett Group*

**Martyn Coffey**

*Marshalls*

**James Day**

*Day Group*

**Dragan Maksimovic**

*Aggregate Industries*

**Jon Prichard**

*Chief Executive, MPA*

**Mike Pearce**

*Breedon Group*

**Brian Perry**

*Morris & Perry*

**Lex Russell**

*CEMEX*

**Richard Stansfield**

*Singleton Birch*

# MPA Directors & Council Members



## MPA Council Members (name, role in MPA governance, company)

### Simon Willis

Chairman, Hanson UK

### Simon Bourne

MPA Precast, Marshalls

### Bill Brett

Board, Brett Group

### Paul Brogan

MPA Northern Ireland,  
McQuillan Companies

### Peter Buckley

Board, Tarmac

### Chris Chapman

BRMCA, Brett Group

### Brian Charleton

Economic Affairs, Hanson

### Martyn Coffey

Board, Marshalls

### Adam Daniels

SAMSA, Sibelco

### John Dargie

Dimension Stone, Myers Group

### Adam Day

Aggregates, Day Aggregates

### James Day

Board, Day Aggregates

### Andy Doel

Midlands, Logical Concrete

### Rob Doody

H&S, Tarmac

### Will Drake

BMAPA, Brett Group

### Katherine Evans

Co-opted, TLT LLP

### Rob Flower

LSE, NMSB

### Calum Forsyth

MPA Masonry, H+H Celcon

### Joanne Garwood

Co-opted, FM Conway

### Simon Grey

Wales, Tarmac

### Mike Hill

Co-opted, Hills Group

# MPA Directors & Council Members



## MPA Council Members (name, role in MPA governance, company)

### Brian Kent

*Asphalt, Tarmac*

### Alan Mackenzie

*MPA Scotland, Breedon Group*

### Dragan Maksimovic

*Board, Aggregate Industries*

### Steve Morton

*Concrete, Hanson*

### Andy Murphy

*Cement, Hanson UK*

### Gregor Mutch

*PAG, Brett Group*

### Jacqui O'Donovan

*Co-opted, O'Donovan Waste Disposal*

### Mike Pearce

*Board, Breedon Group*

### Richard Page

*North, Burlington Stone*

### Brian Perry

*Board and South West, Morris & Perry*

### Jon Prichard

*Chief Executive, MPA*

### Andy Price

*Co-opted, Sibelco*

### Lex Russell

*Board, CEMEX*

### Stuart Russell

*MPA Mortar, CPI Mortars Limited*

### Viv Russell

*MPQC*

### Julian Smith

*Slag, SteelPhalt*

### Richard Stansfield

*Board and BLA, Singleton Birch*

### Mick Stovin

*ALA*

### Sam Wheeler

*East Anglia, LKAB*

### Stuart Wykes

*E&MP, Tarmac*

# MPA Directors & Council Members



## MPA Restoration Guarantee Fund Board Members

(name, role in RGF governance, company)

**Simon Treacy**

*Chairman, Brett Group*

**Peter Andrew**

*Hills Group*

**Lynda Chase-Gardener**

*Chaselet*

**Jo Davies**

*Smiths Bletchington*

**Mike Master**

*Consultant*

**Stephen Redwood**

*CEMEX*

**Mark Russell**

*Secretary, MPA*

**Paul Williams**

*Hanson*

**Stuart Wykes**

*Tarmac*

# Key MPA Social Media

## Mineral Product Association

 [@MineralProduct](https://twitter.com/MineralProduct)

## MPA's Biodiversity Exchange

 [@quarry\\_nature](https://twitter.com/quarry_nature)

## The Concrete Centre

 [@concretecentre](https://twitter.com/concretecentre)

## UK Concrete

 [@thisisconcrete](https://twitter.com/thisisconcrete)

## MPA Precast

 [@MPA\\_Precast](https://twitter.com/MPA_Precast)

## Watch the latest MPA videos:

 [/MineralProducts1](https://www.youtube.com/MineralProducts1)

## Join our Stay Safe Campaign:

 [/StaySafeStayOutOfQuarries](https://www.facebook.com/StaySafeStayOutOfQuarries)

## Instagram

 [/mineral\\_products\\_association](https://www.instagram.com/mineral_products_association)

## Mineral Products Association

### LinkedIn

 [company/mineral-products-association-limited](https://www.linkedin.com/company/mineral-products-association-limited)

## MPA Health and Safety

### LinkedIn

 <https://www.linkedin.com/showcase/mpa-health-safety>

## MPA UK Concrete LinkedIn

 <https://www.linkedin.com/company/this-is-uk-concrete/>

# Key MPA Websites

## Core Websites

<b>Mineral Products Association</b>	<a href="http://www.mineralproducts.org">www.mineralproducts.org</a>
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## Product Group Websites

<b>ALA (Agricultural Lime Association)</b>	<a href="http://www.aglime.org.uk">www.aglime.org.uk</a>
<b>BLA (British Lime Association)</b>	<a href="http://www.britishlime.org">www.britishlime.org</a>
<b>BMAPA (British Marine Aggregate Producers Association)</b>	<a href="http://www.bmapa.org">www.bmapa.org</a>
<b>BRMCA (British Ready-Mixed Concrete Association)</b>	<a href="http://www.brmca.org.uk">www.brmca.org.uk</a>
<b>MPA Mortar</b>	<a href="http://www.mortar.org.uk">www.mortar.org.uk</a>
<b>MPA Cement</b>	<a href="http://cement.mineralproducts.org">http://cement.mineralproducts.org</a>
<b>SAMSA (Silica and Moulding Sands Association)</b>	<a href="http://www.samsa.org.uk">www.samsa.org.uk</a>
<b>Aggregates Carbon Reduction Portal</b>	<a href="http://www.aggregatescarbonreduction.com">www.aggregatescarbonreduction.com</a>
<b>MPA Masonry</b>	<a href="http://www.mpamasonry.org">www.mpamasonry.org</a>
<b>MPA Precast</b>	<a href="http://www.mpaprecast.org">www.mpaprecast.org</a>
<b>MPA The Concrete Centre</b>	<a href="http://www.concretecentre.com">www.concretecentre.com</a> <a href="http://www.sustainableconcrete.org.uk">www.sustainableconcrete.org.uk</a>
<b>MPA UK Concrete</b>	<a href="http://www.thisisukconcrete.co.uk">www.thisisukconcrete.co.uk</a>

# Key MPA Websites

Other Sites	
<b>Sustainable Development Microsite</b>	<a href="http://www.mineralproducts.org/sustainability">www.mineralproducts.org/sustainability</a>
<b>Careers in Quarrying</b>	<a href="http://www.carreersinquarrying.co.uk">www.carreersinquarrying.co.uk</a>
<b>Virtual Quarry</b>	<a href="http://www.virtualquarry.co.uk">www.virtualquarry.co.uk</a>
<b>UK Minerals Forum (UKMF)</b>	<a href="http://www.ukmineralsforum.org.uk">www.ukmineralsforum.org.uk</a>

Affiliate Member Websites	
<b>MPA Northern Ireland</b>	<a href="http://www.mpani.org">www.mpani.org</a>
<b>British &amp; Irish Calcium Carbonates Association</b>	<a href="http://www.calcium-carbonate.org.uk/">www.calcium-carbonate.org.uk/</a>
<b>British Association for Reinforcement (BAR)</b>	<a href="http://www.uk-bar.org">www.uk-bar.org</a>
<b>Cement Admixtures Association</b>	<a href="http://www.admixtures.org.uk/">www.admixtures.org.uk/</a>
<b>CONSTRUCT</b>	<a href="https://construct.org.uk/">https://construct.org.uk/</a>
<b>Eurobitume UK</b>	<a href="http://www.bitumenuk.com">www.bitumenuk.com</a>
<b>Asphalt Industry Alliance (AIA) (Joint partnership between MPA and Eurobitume UK)</b>	<a href="http://www.asphaltindustryalliance.com">www.asphaltindustryalliance.com</a>
<b>UK Quality Ash Association</b>	<a href="http://www.ukqaa.org.uk/">www.ukqaa.org.uk/</a>

# MPA Branding

We encourage members to demonstrate that they are part of MPA on their stationery, websites and other applications. The following logos are available.

The MPA Member Primary Logo should only be used on white backgrounds. The black and white versions are for use on coloured or photographic backgrounds. Please contact Elizabeth Clements ([elizabeth.clements@mineralproducts.org](mailto:elizabeth.clements@mineralproducts.org)) for further information or advice.

## MPA Member Primary Logo



## Minimum size 31mm



## MPA Member Black Logo



## MPA Member White Logo

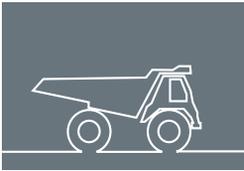


## MPA Member Logo Clear Zone



# Mineral Products Industry at a Glance

Extracts from **Profile of the UK Mineral Products Industry (2020 Edition)**.



## 400mt

GB production of aggregates and manufactured mineral products (GB)



## 4 times

The volume of energy minerals produced in the UK including oil, gas and coal



## £16bn

Annual turnover for the Minerals and Mineral Products industry (UK)



## £5.8bn

Gross value added generated by the industry (UK)



## £597bn

Annual turnover of the industries we supply (UK)



## £172bn

Value of construction, output, our main customer (UK)



## 81,000

People employed in the industry (UK)



## 3.5m

Jobs supported through our supply chain (UK)

# Mineral Products Industry at a Glance

## Minerals and mineral products sales in Great Britain, 2018 (Million tonnes)

<b>CONSTRUCTION USES</b>	<b>378.9</b>
<b>Aggregates</b>	<b>251.0</b>
of which:	
Crushed rock	117.3
Sand & gravel – land won	48.9
Sand & gravel – marine	13.7
Recycled & secondary	71.0
<b>Cementitious<sup>(a)</sup></b>	<b>15.2</b>
of which:	
Cement	11.7
Other cementitious materials (Fly ash, GGBS)	3.4
<b>Ready-mixed concrete<sup>(b)</sup></b>	<b>54.2</b>
<b>Concrete products</b>	<b>32.0</b>
<b>Asphalt</b>	<b>25.4</b>
<b>Dimension stone<sup>(c)</sup></b>	<b>1.0</b>
<b>NON-CONSTRUCTION USES</b>	<b>21.6</b>
<b>Limestone &amp; dolomite<sup>(c)</sup></b>	<b>14.9</b>
of which:	
Industrial lime	1.2
Agricultural lime <sup>(c)</sup>	1.6
<b>Industrial sand</b>	<b>4.9</b>
<b>China clay<sup>(a)</sup></b>	<b>1.0</b>
<b>Ball clay<sup>(a)</sup></b>	<b>0.9</b>
<b>ALL CONSTRUCTION AND NON-CONSTRUCTION USES</b>	<b>400.6</b>

<sup>(a)</sup> Includes Northern Ireland. <sup>(b)</sup> Converted using 2.38 tonnes per cubic metre of ready-mixed concrete.

<sup>(c)</sup> Latest data available is for 2014.

# Mineral Products from Resources to Uses



6 storey city centre office building

**16,480** tonnes of concrete



Typical home

**12** tonnes of mortar  
**200** tonnes of aggregates



School

**15,000** tonnes of concrete



Community hospital

**53,000** tonnes of concrete



Crossrail

**250,000** concrete segements



HS2

**25mt** of aggregates /minerals



Road – A14 Cambridge to Huntingdon Improvement Scheme

**730,000** tonnes of asphalt

# Vision Zero Branding

**Vision Zero** and the strapline, **Safe & Well Every Day**, is the message and brand behind MPA's reinigorated health & safety plan until 2025.

Members are encouraged demonstrate their endorsement of Vision Zero by integrating it into their own company Health & Safety strategy and by visibly adopting the brand. For example, on PPE, H & S documents, posters, stickers and campaign merchandise. The following artwork is available:

## Full colour logo



## Mono logo



## Whiteout logo



## Colours use

 PMS 654, C100 M73 Y10 K5  
R0 G44 B95, HTML #002C5F

 PMS 321, C100 M3 Y34 K12  
R0 G139 B149, HTML #008B95

## Exclusion zone

The Vision Zero logo should always be surrounded by a minimum amount of clear space where no other content should be placed. This is calculated using the 'O' from the logo itself at 100%, and is the mandatory minimum clearance to all 4 sides.



## Minimum sizing

The minimum size to place the Vision Zero logo is 31mm wide – this is to ensure the legibility of the logo. There is no maximum size.

# Vision Zero Branding

## Incorrect usage

The logo mustn't be redrawn or altered in terms of its appearance, components, colours, proportions, or any other property. For example:

**VISION ZERO**  
SAFE & WELL EVERY DAY

Do not change the colour of the logo

**VISION ZERO**  
SAFE & WELL EVERY DAY

Do not squash or stretch the logo

**VISION ZERO**  
SAFE & WELL EVERY DAY

Do not rotate or slant the logo



Do not use logo on cluttered image

## Logo use examples



**Please contact Elizabeth Clements ([elizabeth.clements@mineralproducts.org](mailto:elizabeth.clements@mineralproducts.org)) for further information or advice.**

The logo art work is now available for MPA members to utilise within their own companies on their own. Members are encouraged to adopt the brand.

# Stay Safe Signage

A series of MPA developed warning signs covering the hazards found in quarries are available from these official suppliers:

GSB Signs – [www.gsbhealthandsafety signs.co.uk](http://www.gsbhealthandsafety signs.co.uk)

Rainbow Signs – [www.uksafetystore.com](http://www.uksafetystore.com) and [www.rainbowsafety.co.uk](http://www.rainbowsafety.co.uk)

Signify Signs – [www.signifysigns.co.uk](http://www.signifysigns.co.uk)



# MPA Good Neighbour Resources

**The Good Neighbour initiative provides members with materials for use when engaging with their local communities, and, consists of the following elements:**

- A proposed MPA Community Engagement Plan template for use as required.
- A suite of banners and signs that members are encouraged to install in and around sites to demonstrate their support for the initiative.
- An A4/A3 poster for internal use, outlining your site's commitment to the initiative which should be placed within internal offices and on company notice boards.
- A proposed 'How Are We Doing?' and Community Response checklist of the features of the initiative to assess how the local community perceives the site has performed in a particular year, ideally completed at the year end.



# Health & Safety Website and App

**Safequarry** is the health and safety hub for the mineral products and precast industries. It provides one location where users can access key health and safety resources such as:

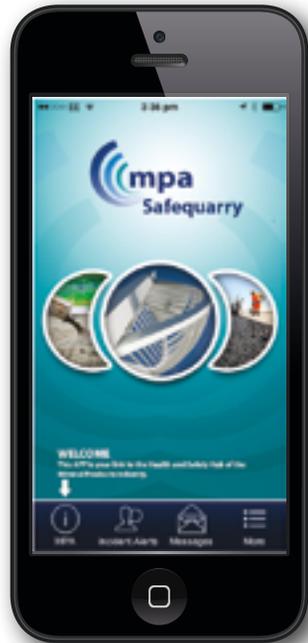
- Guidance
- Incident Alerts
- Good Practice Case Studies
- Toolbox Talks
- Hot Topics
- Over 400 Safety Videos

Users registered on Safequarry.com will receive e-mail alerts when new content has been added.

**Both the website and the App are free.**

To download the App search 'Safequarry' in your phone's app store.

[www.safequarry.com](http://www.safequarry.com)



# Clear, simple, smart resources for members

Available at [www.safequarry.com](http://www.safequarry.com)

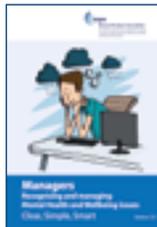
## Vision Zero



## Guide to Cleaning Concrete Pan Mixers



## Mental health resources



## Pedestrian workplace transport interface



## Contact with Machinery and isolation (LOTOTO)



## Drivers handbook



## Company Car & Van Handbook



# MPA Victoria Office Facilities

MPA Members have access to a cost-effective, flexible, multipurpose business facility at our offices in central London..

Meeting Room Capacities:

- **Boardroom Room 1&2: 24 people Boardroom style**
- **Meeting Room 3: 8 people Boardroom style**
- **Meeting Room 4: 6 people Boardroom style**
- **Meeting Room 5: 4 people Boardroom style**
- **Visitor's Room: 1 person hot desk**

Rooms are available between 9am and 5pm, Monday to Friday. For all bookings contact:  
*Tel: 020 7963 8000* or email [GH@mineralproducts.org](mailto:GH@mineralproducts.org)

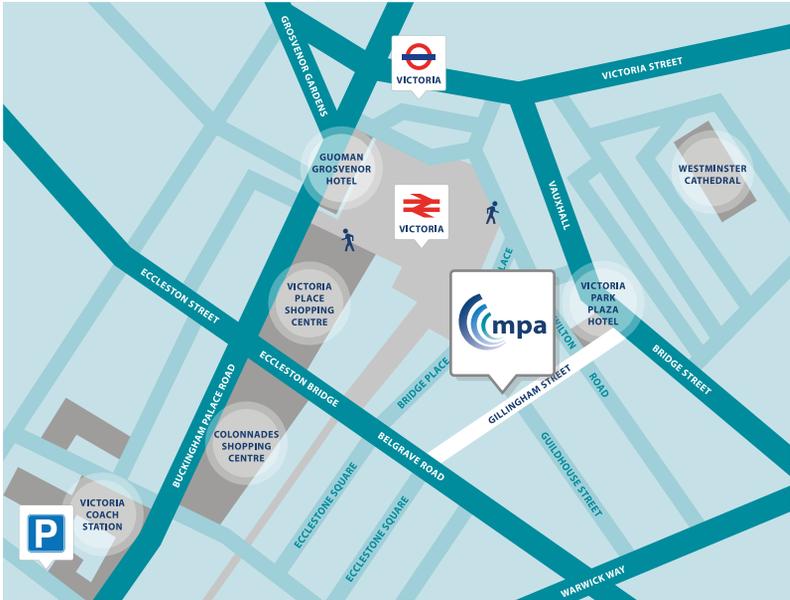
# MPA Victoria Office Facilities

Meeting Room Facilities	MEMBERS Cost
Room Hire	FREE
Tea/Coffee	FREE
Sandwich lunch	By prior arrangement (minimum of 5 people) – please contact <a href="mailto:GH@mineralproducts.org">GH@mineralproducts.org</a>
WiFi	FREE
Photocopying/faxing/printing	Photocopying & printing: 5p per sheet (B&W) 12p per sheet (colour)
Flip chart and pens	FREE



## Contact Information

# Locations and Maps



## MPA

Gillingham House, 38-44 Gillingham Street, London, SW1V 1HU

Tel: +44 (0)20 7963 8000 Fax +44 (0)20 7963 8001

## By Car

Nearest parking available at Victoria Coach Station.

## By Rail

London Victoria Station via Exit 2 onto Wilton Road or through Victoria place shopping Centre to Eccleston Bridge and turn left into Belgrave Road.

# Locations and Maps

## MPA Precast

The Old Rectory, Main Street Glenfield Leicestershire LE3 8DG

Tel: +44 (0)116 232 5170

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## MPA Wales

Pen-Y-Fron, Fron, Montgomery SY15 6SA

Tel: +44 (0)1686 640630

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## MPA Glenfield

The Old Rectory, Main Street, Glenfield, Leicester LE3 8DG

Tel: +44 (0)116 232 5170

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## MPA Scotland

8 Rosebank Place, Victoria Grange, Dullatur G68 0FH

Tel: 07710 594 708

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## British Association for Reinforcement (BAR)

Gillingham House, 38-44 Gillingham Street, London SW1V 1HU

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## CONSTRUCT

Gillingham House, 38-44 Gillingham Street, London SW1V 1HU

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## Eurobitume UK

Suite 13, The Old Fuel Depot, Twemlow Lane, Twemlow CW4 8GJ

Email: [dave.whiteoak@eurobitume.eu](mailto:dave.whiteoak@eurobitume.eu)

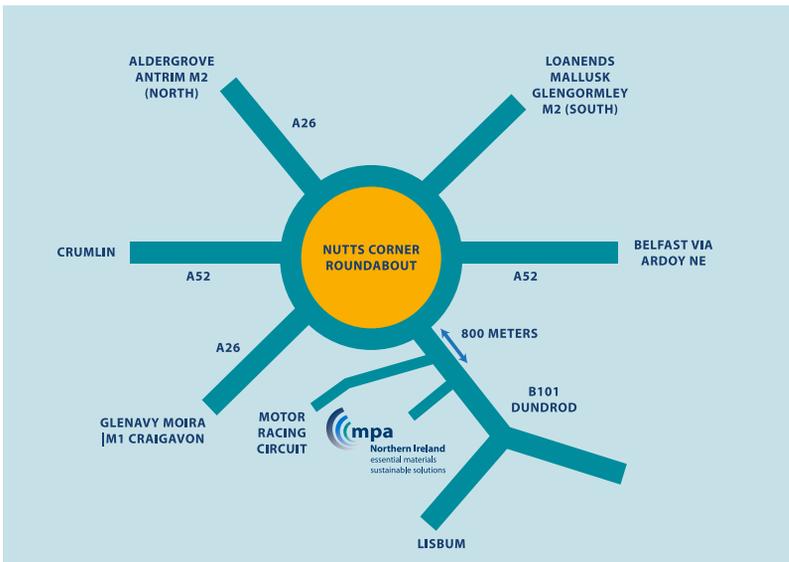
# Locations and Maps

## British & Irish Calcium Carbonates Federation

The Secretary, British & Irish Calcium Carbonates Federation, c/o Omya UK, Humber Plant, Humber Industrial Estate, Gibson Lane, Melton, North Ferriby, East Riding of Yorkshire HU14 3HU

Tel: +44 (0)1482 635 800

## MPA Northern Ireland



MPANI Ltd, Nutts Corner Training Centre, 17 Dundrod Road, Crumlin, BT29 4SR

Tel: +44 (0)28 9082 4078 Fax: +44 (0)28 9082 5103

# MPA Staff Directory

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Fax: +44 (0)20 7963 8001		
MPA Northern Ireland	MPA Scotland	
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Fax: +44 (0)28 9082 5103		
Executive Team		
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# MPA Staff Directory

MPA Core Team		
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<b>Elizabeth Clements</b> Director - Communications	<b>Tel:</b> 020 7963 8006 <b>Internal:</b> 211 <b>Mobile:</b> 07775 894 285	<a href="mailto:elizabeth.clements@mineralproducts.org">elizabeth.clements@mineralproducts.org</a>
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<b>Rhian Geary</b> Communications Executive	<b>Tel:</b> 020 7963 8010 <b>Internal:</b> 215	<a href="mailto:rhian.geary@mineralproducts.org">rhian.geary@mineralproducts.org</a>

# MPA Staff Directory

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<b>Joseph Hackett</b> Public Affairs Executive	<b>Mobile:</b> 07710 714252	<a href="mailto:joseph.hackett@mineralproducts.org">joseph.hackett@mineralproducts.org</a>
<b>David Harding</b> Secretary – MPA Wales	<b>Tel:</b> 01686 640630 <b>Mobile:</b> 07967 655 379	<a href="mailto:dh@hardingpr.co.uk">dh@hardingpr.co.uk</a>
<b>Nick Horsley</b> Director – Planning: Industrial Minerals and MPA Wales; SAMSA	<b>Mobile:</b> 07568 427 720	<a href="mailto:nick.horsley@mineralproducts.org">nick.horsley@mineralproducts.org</a>
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<b>Chris Leese</b> Chair – UK Concrete and Special Advisor – Health & Safety	<b>Mobile:</b> 07702 641 607	<a href="mailto:chris.leese@mineralproducts.org">chris.leese@mineralproducts.org</a>
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# MPA Staff Directory

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<b>David Payne</b> Senior Planning Advisor and Secretary, CBI Minerals Group	<b>Mobile:</b> 07834 268 407	<a href="mailto:david.payne@mineralproducts.org">david.payne@mineralproducts.org</a>
<b>Rob Riley</b> Finance Consultant	<b>Mobile:</b> 07890 646 687	<a href="mailto:robert.riley@mineralproducts.org">robert.riley@mineralproducts.org</a>
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# MPA Staff Directory

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<b>Stephen Hill</b> Secretary – ALA	<b>Tel:</b> 01790 752 774 <b>Mobile:</b> 07831 163 779	<a href="mailto:stephen.hill@mineralproducts.org">stephen.hill@mineralproducts.org</a>
<b>Christine Giddens</b> Accounts Executive	<b>Tel:</b> 0116 232 5148	<a href="mailto:christine.giddens@mineralproducts.org">christine.giddens@mineralproducts.org</a>
<b>Roger Griffiths</b> Innovation Manager	<b>Mobile:</b> 07516 502 696	<a href="mailto:roger.griffiths@mineralproducts.org">roger.griffiths@mineralproducts.org</a>
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