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 14 Product Groups.

The Association has become 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.

Now that the Association has become established, it is time to look forward. Members have been consulted on their vision for 2025, the strategic priorities, the objectives and targets in order to ensure that the industry evolves, raises standards, improves perceptions, and is therefore well-placed for the future.

We want membership of MPA to be ‘valued and mean something’.

Development and implementation of 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 over the next 10 years or so.

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

essential materials sustainable solutions
Introduction
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:
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.

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

**Cementitious Product Groups**

MPA Cement  
BRMCA (British Ready-Mixed Concrete Association)  
MPA Mortar  
MPA British Precast*  
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
MPA Core Committees

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. Where possible a mixed and balanced committee representing companies large, medium and small is recommended.

The committees are as follows:

Policy Advisory Group (PAG)
Health & Safety
UK Concrete
Sustainable Development Group
Economic Affairs Committee
Environment & Mineral Planning (E&MP)
Standards Forum
English Regions
(North, South West, London & South East, East Anglia, Midlands)
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.

MPA Scotland and MPA Northern Ireland are affiliate members, and work closely with the MPA through participation in key committees and MPA Council.
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 Chairman 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 Chairman
The role of the Chairman 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. The CEO reports to the Board but works closely with the Chairman on governance issues and keeps them advised and well prepared and able to fulfil their responsibilities. The CEO also has responsibility for identifying any governance shortfalls and should draw 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.
What we do

MPA represents the interests of MPA members and the industry with all levels of Government, regulators, other organisations and external audiences.

Key activities include:

- Improving health & safety
- Representing the sector
- 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 the principles of **sustainable development**
- Committed to achieving **Zero Harm**
- Committed to **raising competence and skill levels** in the industry
- 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
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 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.**

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1 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.

<table>
<thead>
<tr>
<th>Strategic Priority</th>
<th>Objective</th>
</tr>
</thead>
</table>
| Health & Safety | • **Employee and Contractor Health & Safety**: treat the health, safety and well-being of employees, contractors and visitors as the number one priority in order to achieve Zero Harm  
• **Public Safety**: protect the general public around active operations, on disused sites and in the transportation and use of our products |
| People | • **Employment**: improve the profile and perception of the sector to attract employees and offer rewarding career opportunities  
• **Skills and Competence**: ensure all employees and contractors have the necessary and relevant skills and competences  
• **Equality and Diversity**: encourage opportunities in the industry for all, attracting and retaining the best talent  
• **Local Communities**: engage fully with local communities and strive to be good neighbours |
| Resource Use | • **Access to Sufficient Minerals & Resources**: plan, consult and engage with communities, planning authorities and regulators when seeking new permissions to ensure steady and adequate supply  
• **Circular Economy and Resource Efficiency**: make the most efficient use of all resources, embracing the principles of the Circular Economy  
• **Water**: optimise the use of water and ensure prudent management  
• **Waste**: minimise waste and maximise re-use and recycling |
# MPA Strategic Priorities and Objectives

<table>
<thead>
<tr>
<th>Strategic Priority</th>
<th>Objective</th>
</tr>
</thead>
<tbody>
<tr>
<td>Climate Change &amp; Energy</td>
<td>• <strong>Carbon &amp; Atmospheric Emissions</strong>: reduce emissions in accordance with the MPA carbon route maps and Government objectives</td>
</tr>
<tr>
<td></td>
<td>• <strong>Energy</strong>: optimise the use of energy whilst maximising the use of non fossil fuels</td>
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<td></td>
<td>• <strong>Transport</strong>: reduce the climate change and other impacts of the transportation and delivery of products</td>
</tr>
<tr>
<td></td>
<td>• <strong>Adaptation</strong>: develop products and solutions to reduce the impacts of climate change</td>
</tr>
<tr>
<td>Natural Environment</td>
<td>• <strong>Biodiversity</strong>: protect and enhance biodiversity and deliver net gain wherever possible</td>
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<tr>
<td></td>
<td>• <strong>Land Restoration</strong>: restore land to high quality and undertake good aftercare</td>
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<tr>
<td></td>
<td>• <strong>Natural Capital</strong>: protect natural capital and enhance where possible</td>
</tr>
<tr>
<td></td>
<td>• <strong>Geodiversity</strong>: protect geodiversity and enhance where possible</td>
</tr>
<tr>
<td></td>
<td>• <strong>Heritage</strong>: protect national and local heritage assets appropriately</td>
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<tr>
<td></td>
<td>• <strong>Environmental Protection</strong>: minimise and mitigate operational impacts</td>
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<tr>
<td>Built Environment</td>
<td>• <strong>Technical Codes and Standards</strong>: influence the maintenance and development of European and UK technical codes and standards</td>
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<td></td>
<td>• <strong>Sustainable Products</strong>: promote the development and use of sustainable and responsibly-sourced mineral products</td>
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<tr>
<td></td>
<td>• <strong>Sustainable Construction</strong>: influence the design and procurement of the built environment with high quality and sustainable solutions</td>
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<tr>
<td>Communicating Industry Value</td>
<td>• <strong>Contribution to Economy and Supply Chain</strong>: quantify the industry’s contribution to local and national economies</td>
</tr>
<tr>
<td></td>
<td>• <strong>Influencing the Business Environment</strong>: work with Government and others to encourage investment and sustainable growth</td>
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<td></td>
<td>• <strong>Stakeholder Engagement</strong>: engage with stakeholders in a transparent and informative way</td>
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<tr>
<td></td>
<td>• <strong>Making the Link</strong>: enable stakeholders to ‘Make the Link’ between the activities of the mineral products industry and its contribution</td>
</tr>
</tbody>
</table>
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.
- To pay subscriptions in a timely fashion.
- To provide MPA market information data in response to MPA surveys as appropriate.

**Health & Safety**
- To submit H&S data to support the Hard Targets initiative.
- 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 a Drivers Skills Card.
- To submit data relating to Respirable Crystalline Silica as part of our commitment to the NEPSI Social Dialogue Agreement.
- To provide entries for the H&S 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 (MPA guidance and template to be provided).
- 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 water discharges to the environment.
- To have sites metered for water use in accordance with the MPA Technical Guidance on Water Management.
- 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 members to refer to specific reporting requirements for cement).
- 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.

<table>
<thead>
<tr>
<th>Sales Volume Statistics</th>
<th>Health &amp; Safety Statistics</th>
<th>Health &amp; Safety Competency Survey</th>
<th>Health &amp; Safety NEPSI Survey (Every 2 years)</th>
<th>Tonnage Subscriptions</th>
<th>Sustainable Development (SD) Survey</th>
<th>Annual Mineral Planning Survey (AMPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAN</td>
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<td>APR</td>
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<td>NOV</td>
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<tr>
<td>DEC</td>
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</tbody>
</table>

NOTES

1. Sales volume data is collected quarterly from a sample of members. Mortar data is collected monthly. Cement data is collected quarterly 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 Facts at a Glance document.

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:

- Zero Harm and Safer by Competence
- Vulnerable Road User Safety and Driver Training
- Sheeting of Delivery Vehicles
- Fitting of Inclinometers to Articulated Tippers
- Contractor Safety
Zero Harm and Safer by Competence

Achieving Zero Harm is the number one priority for the Mineral Products industry.

Safer by Competence
To help achieve Zero Harm, 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) for more information.

‘Safer by Competence’ is supported by a family of complementary ‘Safer by…’ Initiatives (see overleaf).
Zero Harm, 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 tool for non-specialists.

Health considerations are an embedded part of all aspects of the Safer by Competence framework.
At the request of MPA Council and Board, the MPA Health & Safety Committee looked back at the fatal incidents over the last decade, identifying 6 high consequence hazards, 'The Fatal 6,' which have been the main cause of fatalities over that period. MPA and its members have agreed that they will focus their resources on tackling the issues associated with 'The Fatal 6'.

A working group involving MPA members has been established for each theme. They will develop industry best practice and guidance, raise awareness and develop useable tools for reducing risk.

The new Guidance and other resources will be accessible via www.safequarry.com and from other channels.
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 MQPC Driver Skills Card 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.

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.

<table>
<thead>
<tr>
<th>Equipment type</th>
<th>New vehicles/timing</th>
<th>Existing and all vehicles/timing</th>
<th>Existing policy</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reversing Alarm</td>
<td>Yes/now</td>
<td>Yes/now</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Rear View Camera</td>
<td>Yes/now</td>
<td>Yes/now</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Flashing lights/beacons</td>
<td>Yes/now</td>
<td>Yes/now</td>
<td>Yes</td>
<td>Compliant to HA chapter B</td>
</tr>
<tr>
<td>Vehicle conspicuity</td>
<td>Yes/now</td>
<td>Yes/now</td>
<td>Yes</td>
<td>Either light coloured vehicles or reflective side and rear markings</td>
</tr>
<tr>
<td>Daytime running lights</td>
<td>Yes/legal requirement for certain type approvals</td>
<td>Yes/legal requirement for certain type approvals</td>
<td>Yes</td>
<td>Recommended for all vehicles</td>
</tr>
</tbody>
</table>
## Vulnerable Road User Safety and Driver Training

<table>
<thead>
<tr>
<th>Equipment type</th>
<th>New vehicles/timing</th>
<th>Existing and all vehicles/timing</th>
<th>Existing policy</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mirror class VI</td>
<td>Yes/now</td>
<td>Yes/now</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Rear warning sign for cyclists</td>
<td>Yes/now</td>
<td>Yes/now</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Side under-run guards for tippers - both sides</td>
<td>Yes/now</td>
<td>Yes</td>
<td>Yes</td>
<td>Compliant to C and U regulations</td>
</tr>
<tr>
<td>Blind spot elimination devices (sensors and/or cameras)</td>
<td>Yes/now</td>
<td>Yes</td>
<td>Yes</td>
<td>Positive response reported from drivers</td>
</tr>
<tr>
<td>Audible warning for cyclists and pedestrians linked to low speed operation and left indicator AND additional side indicator linked to audible warning</td>
<td>Yes/now</td>
<td>Yes</td>
<td>Yes</td>
<td>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.</td>
</tr>
<tr>
<td>Sheeting of Tippers</td>
<td>Yes/now</td>
<td>Yes/now</td>
<td>Yes</td>
<td>Long term MPA policy</td>
</tr>
</tbody>
</table>
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 members’ 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 in 2020 and recommends retrofitting existing articulated tipping combinations by the end of 2024.
The Fitting of Inclinometers to Articulated Tippers

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. The cost of a tractor unit is circa £90k and a tipping trailer £42k – so circa £132k for the combination. Most trailers are now purchased with onboard weighing systems with a control unit in the cab - costing circa £2k, which already incorporates an inclinometer system. The additional cost of the PTO interface is approximately £750.

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

Zero Harm
MPA members and their Contractors will work closely together to reduce contractor injuries and the incidence of ill health, with the aim of achieving the target of Zero Harm.

Competency
MPA members will use only Contractors who are competent. Contractors will provide personnel and sub-contractors who are competent for the work to be undertaken and are working towards MPA’s competency targets. On matters of health & safety, MPA members will consider the needs of Contractors with the same enthusiasm 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 may undermine the target of Zero Harm.

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

Safe Plant and Equipment
Contractors will work with MPA members to address occupational health issues.

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 Contractor Database
MPA very strongly recommends all Contractors to engage with the MPA National Contractor Database. More information at www.avetta.com

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 and www.Safeprecast.com
MPA Targets
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.

<table>
<thead>
<tr>
<th>Targets</th>
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</thead>
<tbody>
<tr>
<td><strong>Health &amp; Safety</strong> Employee and Contractor Health &amp; Safety</td>
</tr>
<tr>
<td>To treat the health, safety and well-being of employees, contractors and visitors as the number one priority in order to achieve Zero Harm</td>
</tr>
<tr>
<td><strong>Target:</strong> The MPA targets Zero Harm to all employees and contractors; in order to move further in that direction, we have set a target of further reducing Lost Time Incidents by 65% between 2014 and 2019.</td>
</tr>
<tr>
<td><strong>Progress:</strong> there was a 40% reduction in LTIs by the end of 2019. New hard targets linked to ‘the Fatal 6’ are being developed for the period 2020-25</td>
</tr>
<tr>
<td><strong>People</strong> Local Communities</td>
</tr>
<tr>
<td>To engage fully with local communities and strive to be good neighbours</td>
</tr>
<tr>
<td><strong>Target:</strong> To evaluate the need for a Community Engagement Plan for extractive sites and where appropriate at other sites and implement where necessary by 2020.</td>
</tr>
<tr>
<td><strong>Progress:</strong> the MPA Good Neighbour Scheme was launched together with a community engagement plan and will be rolled out in 2020</td>
</tr>
</tbody>
</table>
## MPA Targets

<table>
<thead>
<tr>
<th>Targets</th>
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</thead>
<tbody>
<tr>
<td><strong>Resource Use</strong> &lt;br&gt;<strong>Water</strong> &lt;br&gt;To optimise the use of water and ensure prudent management  &lt;br&gt;&lt;strong&gt;Target:&lt;/strong&gt; 100% of all sites to be measured for water consumption and discharges by 2025.  &lt;br&gt;&lt;strong&gt;Progress:&lt;/strong&gt; 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.</td>
</tr>
<tr>
<td><strong>Resource Use</strong> &lt;br&gt;<strong>Waste</strong> &lt;br&gt;To minimise waste and maximise re-use and recycling.  &lt;br&gt;&lt;strong&gt;Target:&lt;/strong&gt; 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.  &lt;br&gt;&lt;strong&gt;Progress:&lt;/strong&gt; MPA published two documents quantifying recycling and the use of construction, demolition and excavation waste (CDEW) by the mineral products sector.</td>
</tr>
<tr>
<td><strong>Climate Change</strong> &lt;br&gt;<strong>&amp; Energy</strong> &lt;br&gt;<strong>Carbon &amp; Atmospheric Emissions</strong> &lt;br&gt;To reduce emissions in accordance with the MPA carbon route maps and Government objectives.  &lt;br&gt;&lt;strong&gt;Target:&lt;/strong&gt; MPA to quantify the amount of CO₂ produced per tonne of product produced by each sector by 2020.  &lt;br&gt;&lt;strong&gt;Progress:&lt;/strong&gt; Data on CO₂ produced per tonne of asphalt, hard rock, sand and gravel, cement and precast is provided in the MPA SD reports.</td>
</tr>
<tr>
<td><strong>Climate Change</strong> &lt;br&gt;<strong>&amp; Energy</strong> &lt;br&gt;<strong>Energy</strong> &lt;br&gt;To optimise the use of energy whilst maximising the use of non-fossil fuels.  &lt;br&gt;&lt;strong&gt;Target:&lt;/strong&gt; MPA will quantify the amount of energy consumed per tonne of product produced by each sector by 2020.  &lt;br&gt;&lt;strong&gt;Progress:&lt;/strong&gt; Data on energy used per tonne of asphalt, hard rock, sand and gravel, cement and precast is provided in the MPA SD reports.</td>
</tr>
</tbody>
</table>
# MPA Targets

<table>
<thead>
<tr>
<th>Targets</th>
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</thead>
<tbody>
<tr>
<td><strong>Climate Change &amp; Energy Transport</strong></td>
</tr>
<tr>
<td>To reduce the climate change and other impacts of the transportation and delivery of products.</td>
</tr>
<tr>
<td><strong>Target:</strong> To understand and obtain a baseline for the amount of CO₂ produced per tonne of product during transportation by 2020.</td>
</tr>
<tr>
<td><strong>Progress:</strong> Whilst data on transport continues to be collected it is proving difficult to quantify the amount of CO₂ produced per tonne of product.</td>
</tr>
<tr>
<td><strong>Natural Environment Biodiversity</strong></td>
</tr>
<tr>
<td>To protect and enhance biodiversity: deliver net gain wherever possible.</td>
</tr>
<tr>
<td>Increase the area of priority Habitats through quarry restoration.</td>
</tr>
<tr>
<td><strong>Target:</strong> 100% of extractive sites to have a Biodiversity Action Plan in place by 2025.</td>
</tr>
<tr>
<td><strong>Progress:</strong> Member sites with Biodiversity Action Plans in place continues to increase. A guide on implementing Biodiversity Action Plans has been provided to Members.</td>
</tr>
<tr>
<td><strong>Natural Environment Natural Capital</strong></td>
</tr>
<tr>
<td>To protect natural capital and enhance where possible.</td>
</tr>
<tr>
<td><strong>Target:</strong> MPA to produce a report to assist minerals industry understanding of the Natural Capital balance of the industry by 2020.</td>
</tr>
<tr>
<td><strong>Progress:</strong> Initial work on developing a report to assist minerals industry understanding of the Natural Capital balance of the industry has begun and a report is expected in 2020.</td>
</tr>
<tr>
<td><strong>Natural Environment Environmental Protection</strong></td>
</tr>
<tr>
<td>To minimise and mitigate operational impacts</td>
</tr>
<tr>
<td><strong>Target:</strong> 100% sites to have an Environmental Management System in place by 2025.</td>
</tr>
<tr>
<td><strong>Progress:</strong> Currently, over 95% of all sites report that they have an Environmental Management System in place.</td>
</tr>
</tbody>
</table>
Guidance
Guidance
# MPA Guidance Documents

## Core
- Guidelines for the Management of Public Safety on MPA Members’ operational and non-operational sites
- MPA Technical Guidance on Water Management (to be published)
- Best practice guidance for the specification of health and safety features on new and re-engineered mobile plant, ‘Safer by Design’
- Light vehicles (management of Collect trade)
- MPA Driver’s Handbook
- Company Car & Van Handbook
- Guide to Energy Isolation and LOTOTO
- Working with Respirable Crystalline Silica
- Guidance documents for ‘The Fatal 6’ (work in progress):
  - Contact with Moving Machinery & Isolation
  - Transport Pedestrian Interface
  - Work at Height

## BMAPA
- Marine Aggregate Dredging and the Coastline: a Guidance Note
- Guide to Good Practice for ensuring Navigation Safety during Aggregate Dredging Operations
- Marine Aggregate Extraction and Subsea Cables Proximity Guidance
- Marine Aggregate Dredging and the Historic Environment: Guidance Note
- Protocol for Reporting Finds of Archaeological Interest
- Dealing with Munitions in Marine Sediments: Guidance Note
- Fisheries Liaison Code of Practice
- Biodiversity Action Plan for the UK Marine Aggregates Industry
- Sustainable Development Strategy
- Good Practice Guidance: Extraction by Dredging of Aggregates from England’s Seabed

## MPA British Precast
- PFF Code of Practice
- PFF Design Guide
- PFF Application Guide
- BPDWG Guide to Load Security
- BPCF Safe Stressing of Prestressed Concrete Products
- BDPA Technical Guide

## BRMCA
- Best Practice- Managing Concrete Wash Waters on Site
- Managing Concrete Plant Water and Wash Water
- Ready-Mixed Concrete Resource Efficiency Action Plan
- Ready-Mixed Concrete - practical guide for site personnel
# MPA Guidance Documents

<table>
<thead>
<tr>
<th>Section</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cement</strong></td>
<td>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></td>
</tr>
<tr>
<td><strong>Cement and BLA</strong></td>
<td>Code of Practice for the use of Waste Materials in Cement and Dolomitic Lime Manufacture</td>
</tr>
</tbody>
</table>
| **The Concrete Centre**| Concrete Industry Guidance to Support BRE Global BES 6001 (available via [https://www.sustainableconcrete.org.uk](https://www.sustainableconcrete.org.uk))  
A whole suite of guidance documents for specification and design have been published for specifiers, clients and contractors but may also be of use to members. These are available from [www.concretecentre.com/publications](http://www.concretecentre.com/publications) |
| **MPA Dimension Stone**| Safer by Design: Bridge Saw Guarding                                                                                               |
| **UK Concrete**        | UK Concrete messages - to be published 2020                                                                                         |
Campaigns, Strategies and Initiatives
Campaigns, Strategies and Initiatives
# Campaigns

<table>
<thead>
<tr>
<th>Objective</th>
<th>Member Input</th>
</tr>
</thead>
</table>
| **Stay Safe** | **Staff lead: Elizabeth Clements** | To prevent public death and injury from entering into operational quarries uninvited. To work collaboratively with other relevant stakeholders, particularly to highlight death from drowning/cold water shock in both operational and non-operational quarries. | • Support UK Drowning Prevention Strategy.  
• Ensure risk assessments are up to date and that all incident data is provided promptly to MPA (via David Yelland).  
• Focus on sites at risk, particularly with quarry lakes via strategic community relations and possible media activity.  
• 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 and mailing of resources to schools.  
• 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.  
• Use new MPA public safety signage at sites and promote internally.  
• Communicate key messages via internal communications and social media i.e. helping to keep their friends and family safe.  
• Support MPA Stay Safe Facebook – promote to staff. |
| **Cycle Safe** | **Staff lead: TBC** | To prevent collisions between cyclists and LGVs. To support the CLOCS standard. | • MPA outreach events – provision of vehicles.  
• Member outreach events – use of MPA materials.  
• Actively support CLOCS standard.  
• School visits/community liaison.  
• Encourage and facilitate use of the MPA Driver’s Handbook. |
# Campaigns

<table>
<thead>
<tr>
<th>Objective</th>
<th>Member Input</th>
</tr>
</thead>
</table>
| **Make the Link**  
Staff lead: Elizabeth Clements  
To raise awareness of the sector and its contribution to the UK.  
To influence policy development/implementation in Government, notably to ensure reasonable and proportionate regulation and to encourage investment in construction.  
To create opportunities for dialogue between industry and external audiences/organisations. |  
• Using the Make the Link logo and campaign information on websites, stationery etc.  
• Provide case studies etc.  
• Promoting the Make the Link messages and resources to MPs and other stakeholders where they have operations or restored sites.  
• Informing company personnel about the campaign via inter company communications and intranet links. |
| **This is Concrete**  
Staff lead: Claire Ackerman and Chris Leese  
To raise awareness of the contribution of concrete in a sustainable built environment. |  
• Use MPA resources.  
• Engage in social media community.  
• Contribute case studies. |
| **ALARM**  
Staff lead: Malcolm Simms  
To highlight the need for Government funding for road maintenance. |  
• Support national media campaign.  
• Provision of case studies. |
| **Concrete Futures**  
Staff lead: Claire Ackerman  
To raise the awareness of innovation in concrete and building design and its contribution to a sustainable built environment |  
• Use MPA resources  
• Engage in Concrete Futures exhibition at Futurebuild and campaign activity  
• Contribute case studies. |
<table>
<thead>
<tr>
<th>Objective</th>
<th>Member Input</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quarries &amp; Nature</strong>&lt;br&gt;Staff lead: Elizabeth Clements &amp; David Payne</td>
<td>To showcase our members’ and the industry’s unique ability to deliver local and national biodiversity targets and the MPA Biodiversity Strategy. Also, to demonstrate the industry’s valuable legacy of restored sites.</td>
</tr>
<tr>
<td><strong>Younger Generation</strong>&lt;br&gt;Staff lead: Elizabeth Clements</td>
<td>To provide generic and positive information on careers opportunities in the sector. To provide an information hub for teachers (particularly primary) via Virtual Quarry.</td>
</tr>
</tbody>
</table>
## Strategies

| Biodiversity | MPA members will continue to take a positive approach to nature conservation, leaving behind more and better quality habitats than before through sensitive site selection, management, restoration and aftercare.  

MPA and its members will:  
1. Extend our knowledge  
2. Share best practice  
3. Develop our partnerships  
4. Celebrate our successes  
5. Understand our contribution  
6. Increase our influence  
7. Promote biodiversity education  

For full details, please see the MPA Biodiversity Strategy. |
|---|---|
| Water | 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. |

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### 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 2020 the Sustainable Construction Strategy is being reviewed to ensure that it meets the needs of our external stakeholders and the market and continues to be an effective initiative to demonstrate industry commitment to and progress on sustainability.
## Initiatives

<table>
<thead>
<tr>
<th>Initiative</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MPA Good Neighbour Scheme</strong></td>
<td>The MPA Good Neighbour Scheme 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.</td>
</tr>
</tbody>
</table>
| **Core: Health & Safety**     | • Safer by Competence  
• Safer and Healthier by Leadership  
• Safer by Design  
• Safer by Sharing  
• Safer by Partnership  
• Safer by Association  
• The ‘Fatal 6’ |
| **Core: Biodiversity**        | • MPA National Nature Park  
• MOU with Bumblebee Conservation Trust  
• MOU with Freshwater Habitats Trust  
• Partnership with Bats Conservation Trust  
• Partnership with Natural England |
| **Core: Security**            | 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.  
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 security@mineralproducts.org, 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. |
| **MPA British Precast**       | • Raising the Bar  
• Health & Safety Charter  
• Sustainability Charter |
### MPA Restoration Guarantee Fund (RGF)

<table>
<thead>
<tr>
<th><strong>Staff lead:</strong> Mark Russell</th>
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</table>

The MPA Restoration Guarantee Fund 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 & 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.

All new 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. Any new MPA Member will be expected to serve a 12-month probationary period before their application for RGF membership is considered by the Board.

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 RGF Board have full discretion on the acceptance or rejection of applicants to the Fund.
Useful Information
Useful Information
## MPA Producer Members (England and Wales)

**A**
- AC Marine Aggregates Ltd
- AD Calvert Architectural Stone Supplies Ltd
- Aggregate Industries UK Ltd
- Albion Stone Plc
- Allen Newport Ltd

**B**
- Bathgate Silica Sand Ltd
- Ben Bennett Jr
- Bestco Surfacing Ltd
- Black Mountain / De Lank Quarry Ltd
- Blue Phoenix UK Ltd
- Borough Green Sandpits Ltd
- Breedon Group Ltd
- Brett Group
- Brice Aggregates Ltd
- Britannia Aggregates Ltd
- Bromfield Sand & Gravel Co. Ltd
- Burlington Stone Ltd

**C**
- Cappagh Group of Companies
- Cardigan Sand & Gravel Co. Ltd
- CEMEX UK
- Chambers Runfold
- Colas Ltd
- Cornish Lime Company Ltd
- CPI Mortars Ltd

**D**
- Day Aggregates Ltd
- Denfind Stone
- Deme Building Materials Ltd
- Dragon Asphalt
- Dunhouse Quarry Co.

**E**
- Eco Readymix
- Erith Haulage Company Limited
- Eurovia Roadstone

**F**
- F M Conway Ltd
- Ferns Group
- Forest Pennant

**G**
- Gallagher Group Ltd
- G.D. Harries & Sons Ltd
- GRS Roadstone Limited
- Grundon Sand & Gravel Ltd

**H**
- H Sivyer (Transport) Ltd
- H.H. & D.E. Drew
- H Tuckwell & Sons Ltd
- Hanson UK
- Harleyford Aggregates Ltd
- Harsco Metals Group Limited
- Hereford Quarries Ltd
- Hills Quarry Products Limited
- Hogan Group
- Holderness Aggregates Ltd
- Hugh King & Co.
- Hutton Stone Co. Ltd

**I**
- Imerys Aluminates
- Imerys Minerals
- Ingrebourne Valley
MPA Producer Members (England and Wales)

J
J & J Franks Ltd
J Clubb Ltd
J.J. Prior Limited
Johnston Quarry Group
John Carr (Liverpool) Ltd
John Wainwright & Co. Ltd
J Mould (Reading)
JPE Holdings Ltd

L
Lhoist UK Ltd
LKAB Minerals
Lochaline Quartz Sand Limited
Lovell Stone Group

M
Mansfield Sand Co. Ltd
Marchington Stone
Marshalls Plc
Midland Quarry Products
Moorhouse Sand & Gravel Pits
Moreton Cullimore (Gravels) Ltd
The Mortar and Screed Company Limited
Morris & Perry (Gurney Slade) Ltd
Myers Group

O
O’Donovan Waste Disposal Ltd

P
Portland Stone Firms Ltd

Q
Quattro (UK) Ltd

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

S
S Walsh and Sons
Salop Sand & Gravel Supply Co Ltd
Sea Aggregates Ltd / Euromin Ltd
Sibelco UK
Singleton Birch Ltd
Smith & Sons (Bletchington) Ltd
Springfield Farm Ltd
SRC Aggregates
SSG Quarries
Syreford Quarries & Masonry Ltd

T
Tarmac
TJ Transport Ltd
Tradstocks Natural Stone
Trefign Quarrries Ltd
Tudor Griffiths Group

U
United Recycled Aggregates Limited

V
Volker Dredging Ltd

W
W Clifford Watts Ltd
WCL Quarries Ltd
Wildmoor Quarry Products
MPA Associate Members (England & Wales)

# .................................................................
3M UK Plc

A .................................................................
AABC Bagging Ltd
Ammann Equipment Ltd
Archaeological Research Services Ltd
Aspen Advisory Services Ltd
Associated British Ports (ABP)
Atkins Ltd
Avison Young

B .................................................................
Banner Contracts (Halnaby) Ltd
BASF Construction Chemicals (UK) Limited
BDS Marketing Research Ltd
Birketts Solicitors
British Sugar Plc
Broadhead Global Limited
BSG Ecology
Burgess Salmon LLP

C .................................................................
Carter Jonas
Cathay Industries (UK) Ltd
Chaselet Ltd
Chepstow Plant International Ltd
Christeyns UK Ltd
CMS Cameron McKenna Nabarro
Olswang LLP
Coke Turner & Co.
Command Alkon Ltd
The Crown Estate
CRW Holdings

D .................................................................
DB Group (Holdings) Limited
Davies Planning Ltd
D B Cargo
DLA Piper UK LLP
DustscanAQ

E .................................................................
EA Ltd
EiS Property
Envireau Water
EPC-UK

F .................................................................
Farrar Natural Stone
Finning (UK) Ltd
Firstplan
Fretts Solicitors

G .................................................................
GCP Applied Technologies
Gerald Eve LLP
GMKC Ltd
Go Plant Limited
Guardsman

H .................................................................
Hafren Water
Heaton Planning Ltd
Howes Percival LLP
MPA Associate Members (England & Wales)

I .................................................................
Industrial Diagnostics Company Ltd

J .................................................................
J C Bamford Excavators Ltd
Jenco Consulting Ltd
John Brooks TMR

K .................................................................
KJ Services Limited
Knights plc

L .................................................................
Land & Mineral Management Ltd
Landesign Planning and Landscape Ltd
Lanxess Ltd
The Legal Director Limited
Lime Logistics Ltd
London Rock Supplies Ltd

M .................................................................
Mando Solutions Limited
Martin Engineering Ltd
Marubeni-Komatsu Ltd
Matthews & Son Chartered Surveyors
McPhee Mixers
Mentor Training Solutions Ltd
MJCA
The Mineral Planning Group Ltd
Mineral Products Qualifications Council
Mineral Services Ltd
MSA Safety

N .................................................................
Neil Beningfield & Associates Ltd

O .................................................................
Orica Europe Ltd

P .................................................................
PCM Professional Limited
PDE Consulting Ltd
PD. Ports Ltd
Peel Ports Group Ltd
Pegasus Group
Pleydell Smithyman Ltd
Port of Tilbury London Ltd
PQ Silicas UK Limited
Procter Johnson
ProSpare Ltd

R .................................................................
R Swain and Sons Ltd
REC Ltd
Reece Safety Products
Rema Tip Top Industry UK Ltd
Response Engineering
Rettenmaier UK Ltd
Rock and Road Training Ltd
RT Safety Solutions Ltd
MPA Associate Members (England & Wales)

S
Savills (L&P) Ltd
SERAC UK
Siemens
Silkstone Environmental Ltd
SLR Consulting Ltd
Soils and Stone Limited
Speciality Minerals
Spillard Safety Systems Ltd
Stantec
Stephens Scown
Strategy Public Relations Ltd

T
Tata Steel
Thrings LLP
TLT Solicitors
Towergate Insurance
Tripod Crest
Trolex

W
Walters Group
Wessex Archaeology Limited
Wincanton
Wirtgen Limited
WYG Environment Planning Transport Ltd
MPA Affiliate Members

**British Association of Reinforcement**
- ArcelorMittal Kent Wire Ltd
- BRC Limited
- Celsa Steel (UK) Limited
- Dextra Manufacturing - UK
- Erico Europa (GB) Ltd
- Express Reinforcements Ltd
- Max Frank Ltd
- Outokumpu Stainless Limited
- RFA-Tech
- ROM UK Ltd

**British Calcium Carbonate Federation**
- Ben Bennett Jr Ltd
- Francis Flower
- Hanson Aggregates
- Imerys Minerals Ltd
- Leith (Scotland) Ltd
- Longcliffe Ltd
- Omya UK Ltd
- Specialty Minerals Lifford
- Tarmac Ltd

**Eurobitume UK**
- Nynas Bitumen
- Shell Bitumen
- Total Bitumen
- Puma Energy

**UK Quality Ash Association Full Members**
- Aggregate Industries
- Breedon Cement Ltd
- CEMEX
- Charah
- Drax Power Station
- EPUKI
- H&H UK Ltd
- LKAB Minerals
- Matrix Materials Ltd
- Power Minerals Ltd
- SSE
- Tarmac Cement & Lime Ltd
- Uniper UK Ltd

**UK Quality Ash Association Affiliate Members**
- Cenin Limited
- Fairport Engineering Ltd
- Forkers Limited
- Omya UK Ltd
- M & J Drilling
- ST Equipment & Technology Ltd
MPA Affiliate Members

MPA British Precast Product Groups
- Aircrete Products Association (APA)
- British Precast Architectural & Structural (BPAS)
- British Precast Drainage Association (BPDA)
- British Precast Flooring Federation (PFF)
- Concrete Block Association (CBA)
- Interpave
- Interlay (affiliation)
- Modern Masonry (affiliation)

MPA British Precast Full Members
- ABM Precast Solutions Limited
- ACP (Concrete) Limited
- Aggregate Industries (UK) Limited
- Amber Precast Limited
- Anderton Concrete
- Banagher Precast Concrete Ltd
- Barcon Systems Limited
- Besblock Limited
- Bison Precast
- Breedon Northern Ltd
- Brett Landscaping & Building Products
- Broome Bros (Doncaster) Limited
- Castle Construction Products Ltd
- CEMEX
- Charcon Construction Solutions
- CCP Building Products Ltd
- Collier & Henry Concrete (Floors) Limited
- Cornish Concrete Products Limited
- Craven Concrete
- Creagh Concrete Products Limited
- Cross Concrete Flooring Ltd
- Decompo UK Limited
- Delta Bloc UK Limited
- E & JW Glendinning Limited
- Elite Precast Concrete Limited
- Evans by Shay Murtagh Precast
- F P McCann Limited
- Forterra Building Products Ltd
- Forticrete Limited
- H+H UK Limited
- Hillhouse Quarry Group Ltd
- Ibstock Concrete Ltd
- Interfuse Limited
- Jordan Concrete Ltd
- Laird Bros (Forfar) Ltd
- Lignacite (Brandon) Ltd
- Litecast Limited
- Longley Concrete Ltd
- Mansfield Sand Company (Brick Division)
- Marshalls CPM
- Marshalls plc
- Mona Precast (Anglesey) Limited
- Naylor Concrete Products Limited
- Newlay Concrete
- Patersons of Greenoakhill Ltd
- Plasmor Limited
- Quinn Building Products Limited
- Robeslee Concrete Company Limited
- S Morris Limited
- Sellite Blocks Limited
- Skene Group Construction Services Ltd
- Specialist Precast Products
- Stanton Bonna Concrete Limited
- Sterling Services Limited
- Stocks Blocks Limited
- Supreme Concrete Limited
- Tarmac Building Products Ltd
- Techrete Limited
MPA Affiliate Members

MPA British Precast Full Members cont.
Thakeham Tiles Limited
Thomas Armstrong Group
Thorp Precast Limited
Topflight Precast
Townscape Products Limited
TT Concrete Products Limited
WDL (Concrete Products) Ltd
William Rainford (Holdings) Limited
MPA Affiliate Members

MPA British Precast Associate Members

Adfil Construction Fibres
Adomast Manufacturing Ltd
Arcelor Mittal Sheffield Ltd
B&B Attachments Ltd
BASF Construction Chemicals
BDS Marketing Research Ltd
Beresford’s Flooring Ltd
Besser Company
Beton Machinery Sales
Bianchi Casseforme SRL
BRE
Breedon Cement Ltd
Builders Merchants Federation
Cambrian Services Limited
Canadian Precast Institute
Caswick Ltd
Cathay Industries (UK) Ltd
CDS Curing T/A Ceramic Drying Systems Ltd
Cement and Concrete Association of New Zealand
Cenin Limited
Christeyns UK Ltd
Chryso UK Ltd
ClarkeConsult
Command Alkon UK Ltd
Concrete Manufacturers Association - South Africa
Concrete Technology Ltd
Conspare Ltd
Construction Fixing Systems Ltd
Construx

Coote Engineering Ltd
Cordek Limited
CPI Worldwide
CSM Thermomass
Doncaster College
Dundee College
Dywidag-Systems International
E3 Recruitment
Ecocem Ireland Ltd
Ecoratio Ltd
EKC Systems Ltd
Elematic Oyj
Elkem Materials Ltd
ERICO Europe b.v.
Euro Accessories Limited
Fosroc Limited
GCP Applied Technologies Ltd
Graceland Fixing Ltd
Guard Industry
Halfen Limited
Hanson Cement Limited
Hendriks Precon B.V
Hickman & Love (Tipton) Ltd
Inform UK Ltd
Inter-Minerals
Invisible Connections
J & P Building Systems Limited
Kingston University
KVM Industrimaskiner A/S
Lanxess Ltd
Larsen Building Products
Leading Edge Management
Leca Danmark A/S
Leeds Oil + Grease Co. Ltd (LOGCO)
MPA Affiliate Members

Longrake Spar Co Ltd
Loughborough University
Lytag Ltd
Mapei UK Ltd
Martek Industries Ltd
Max Frank Ltd
Megasteel Ltd
Mentor Training Solutions Ltd
Miers Construction Products ltd
Moulded Foams Ltd
N R Richards Associates Ltd
National Precast Concrete Association Australia
National Precast Concrete Association USA
Net-Temps Ltd
O.C.O. Technology Ltd
Parex Ltd
Patterns and Moulds Ltd
PCE Limited
Peikko UK Ltd
Pemat UK
PERI Ltd
Pinnacle Infotech Limited
Polarmatic Oy
Precast Concrete Structures Limited
Precast Construction Technology Ltd
Precast New Zealand Incorporated
Precast/Prestressed Concrete Institute
Probst Handling Equipment
Procter Johnson
Progress Group

PUK Ltd
Resiblock Ltd
RFA-Tech Ltd
Roche Manufacturing Ltd
S and B EPS Ltd
Schöck Ltd
Sicoma S.V.R.
SIKA Ltd
Simply Precast Accessories Ltd
Spiroll Precast Services Ltd
Strusoft UK
T3
Tarmac Cement & Lime Limited
Tarmac Trading Limited
Trelleborg Pipe Seals
Trimble Solutions (UK) Ltd
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
Wincanton
Yara UK Ltd
MPA Affiliate Members

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

Curtis Concrete Solutions Ltd
Dalradian Gold Ltd
Douglas Acheson
Ecocem Ireland Ltd
Egislagan Services
F P McCann Limited
G & G Ross
George Crawford & Son
Gibson Bros.
Harold Graham
Hughes Precast Products Ltd
Irish Salt Mining & Exploration Co Ltd
Irwins Quality Aggregates
James Boyd & Sons (Carnmoney) Limited
Jordan Concrete
Kilwaughter Minerals Ltd
Lafarge Ireland Ltd
Lagan Operations and Maintenance Ltd
Loughran Rock Industries
Macrete Ireland
Matthew Robinson & Son Concrete Products
McGarrity Brothers Ltd
McQuillan Companies
MW Johnston & Son Ltd
Norman Emerson Group Limited
Northstone (NI) Ltd
Omya Uk Ltd
P Keenan
Peter Fitzpatrick Ltd
Premier Cement Limited
Quinn Building Products Ltd
R J Mitten & Sons
Riddles Bros Limited
Robinson Quarry Masters Limited

MPA Northern Ireland
Producer Members
Acheson + Glover Limited
Alpha Quarry Products Ltd
Armagh City Quarries
B McCaffrey & Sons Ltd
Barrack Hill Quarries
Boville McMullan Ltd
Breedon Cement Ireland
Campbell Contracts Ltd
Colinwell Concrete Ltd
Collen Brothers (Quarries) Limited
Conexpo (NI) Limited
Core Aggregates
Creagh Concrete Products Limited
MPA Affiliate Members

RTU Ltd
Stanley Bell & Sons Ltd Sand & Gravel
Taranto
T H Moore (Contracts) Ltd
Tobermore Concrete
Tracey Concrete Limited
Tullyraine Quarries Limited
W & J Chambers Limited
Whitemountain/Breedon

MPANI Affiliate Members

Adcrete
Carson McDowell LLP
CavanaghKelly
CDE Global Ltd
Cleaver Fulton Rankin Solicitors
ConveyorTek
Dennison Commercials Ltd
Electronic & Security Services Ltd
Finning
Larsen Building Products Ltd
MCL Consulting Ltd
Momentum NI
Newmill Planning Consultancy Ltd
Orica Blast & Quarry Surveys
Quarryplan
Rapid International Ltd
RHM Commercial LLP
Shackleton Resources Ltd
Six-West Ltd
SLR Consulting (Ireland) Ltd
TBF Thompson
Turley
Ulster Industrial Explosives Limited
William Orbinson QC

MPANI Associate Members

Atlantic Bitumen
Tennants Bitumen
MPA Directors & Council Members

MPA Directors (name, role in MPA governance, company)

- Martin Riley
  Chairman, Tarmac
- Bill Brett
  Brett Group
- Martyn Coffey
  Marshalls
- James Day
  Day Group
- Guy Edwards
  Aggregate Industries
- Nigel Jackson
  Chief Executive, MPA
- Brian Perry
  S Morris
- Lex Russell
  CEMEX
- Alan Smith
  British Precast, Brett Group
- Richard Stansfield
  Singleton Birch
- Richard Stevens
  Allen Newport
- Pat Ward
  Breedon Group
- Simon Willis
  Hanson UK
MPA Council Members (name, role in MPA governance, company)

**Martin Riley**  
Chairman, Tarmac

**Bill Brett**  
Board, Brett Group

**Chris Chapman**  
BRMCA, Brett Group

**Jim Claydon**  
Board Substitute and Cement, Hanson UK

**Simon Clubb**  
Elected, J Clubb

**Martyn Coffey**  
Board, Marshalls

**Adam Day**  
Aggregates, Day Aggregates

**James Day**  
Board, Day Aggregates

**Guy Edwards**  
Board, Aggregate Industries

**Katherine Evans**  
Co-opted, TLT LLP

**Paul Fleetham**  
Economic Affairs, Tarmac

**Rob Flower**  
LSE, H.H. & D.E. Drew

**Eamon Finnegan**  
MPA Northern Ireland, Lagan Cement

**Joanne Garwood**  
Co-opted, FM Conway

**Graham Green**  
Midlands, Mansfield Sand

**Jeremy Greenwood**  
TCC, Tarmac

**Simon Grey**  
Wales, Tarmac

**Mike Hill**  
Co-opted, Hills Group

**Chris Hudson**  
H&S, Aggregate Industries

**David Hunter**  
East Anglia, SRC

**Nigel Jackson**  
Chief Executive, MPA

**Nick Jones**  
Slag, Harsco Metals Group

**Brian Kent**  
Asphalt, Tarmac
MPA Directors & Council Members

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

John Myers
Dimension Stone and North, Myers Group

Jacqui O’Donovan
Co-opted, O’Donovan Waste Disposal

Richard Page
SAMSA, Aggregate Industries

Brian Perry
Board and South West, S Morris

Tom Poole
Board Substitute, Marshalls

Andy Price
Co-opted, Sibelco

Lex Russell
Board, CEMEX

Stuart Russell
MPA Mortar, CPI Mortars Limited

Alan Smith
British Precast, Brett Group

Richard Stansfield
Board and BLA, Singleton Birch

Richard Stevens
Board, Allen Newport Ltd

Mick Stovin
ALA, LKAB

Gordon Tuck
BMAPA, Tarmac Marine Ltd

Ian Waddell
MPA Scotland, Aggregate Industries

Pat Ward
Board, Breedon Group

John Wilkinson
MPQC

Simon Willis
Board and PAG, Hanson UK

Stuart Wykes
E&MP, Tarmac
MPA Restoration Guarantee Fund Board Members
(name, role in RGF governance, company)

Simon Treacy
Chairman, Brett Group

Peter Andrew
Hills Group

Jim Bailey
Bailey Consultancy

Lynda Chase-Gardener
Chaselet

Jo Davies
Breedon Group

Mike Master
Consultant

Steven Redwood
CEMEX

Mark Russell
Secretary, MPA

Richard Stevens
Allen Newport

Paul Williams
Hanson

Stuart Wykes
Tarmac
Mineral Products Industry at a Glance

390mt
GB production of aggregates and manufactured mineral products

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

£18bn
Annual turnover for the Minerals and Mineral Products industry

£6.8bn
Gross value added generated by the industry

£513bn
Annual turnover of the industries we supply

£152bn
Value of construction, output, our main customer

74,000
People employed in the industry

3.5m
Jobs supported through our supply chain
# Mineral Products Industry at a Glance

**GB Sales of minerals and mineral products in 2016**
(unless otherwise stated)

<table>
<thead>
<tr>
<th>Construction uses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aggregates</strong></td>
<td>247mt</td>
</tr>
<tr>
<td>of which:</td>
<td></td>
</tr>
<tr>
<td>Crushed Rock</td>
<td>113.9mt</td>
</tr>
<tr>
<td>Sand &amp; gravel - land won</td>
<td>48.6mt</td>
</tr>
<tr>
<td>Sand &amp; gravel - marine</td>
<td>14.1mt</td>
</tr>
<tr>
<td>Recycled &amp; secondary</td>
<td>70.4mt</td>
</tr>
<tr>
<td><strong>Cementitious (including imports)</strong></td>
<td>15mt</td>
</tr>
<tr>
<td>of which:</td>
<td></td>
</tr>
<tr>
<td>Cement (including imports)</td>
<td>12mt</td>
</tr>
<tr>
<td>Other cementitious materials (Fly ash, GGBS)</td>
<td>3mt</td>
</tr>
<tr>
<td><strong>Ready-Mixed Concrete</strong></td>
<td>56.1mt</td>
</tr>
<tr>
<td><strong>Concrete products</strong></td>
<td>25.8mt</td>
</tr>
<tr>
<td><strong>Asphalt</strong></td>
<td>25.2mt</td>
</tr>
<tr>
<td><strong>Dimension Stone</strong></td>
<td>1mt</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-construction uses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rock</strong></td>
<td>14.9mt</td>
</tr>
<tr>
<td>of which:</td>
<td></td>
</tr>
<tr>
<td>Industrial Lime</td>
<td>1mt</td>
</tr>
<tr>
<td>Agricultural Lime</td>
<td>1.6mt</td>
</tr>
<tr>
<td>Industrial Sand</td>
<td>2.8mt</td>
</tr>
</tbody>
</table>

¹ Converted using 2.38 tonnes per cubic metre of ready-mixed concrete. ² 2014.

Source: MPA, AMRI.
Mineral Products from Resources to Uses

LIMESTONE
IGNEOUS ROCK
SANDSTONE
SAND & GRAVEL (LAND WON)
SAND & GRAVEL (MARINE)
RECYCLED AND SECONDARY

RAILWAYS
ROADS
SCHOOLS
HOMES
HOSPITALS
SHOPS
OFFICES
WATER TREATMENT
FACTORIES
WAREHOUSES
ENERGY GENERATION

LEISURE
GLASS
IRON AND STEEL
AGRICULTURE
FOOD MANUFACTURE
WATER FILTRATION
CERAMICS
FOUNDRIES
PAPER MANUFACTURE
PHARMACEUTICALS
EMISSIONS CLEANSING

Resources
Products
Uses

6 storey city centre office building
16,480 tonnes of concrete

HS2
25mt of aggregates /minerals

Crossrail
250,000 concrete segments

Community hospital
53,000 tonnes of concrete

School
15,000 tonnes of concrete

House
12 tonnes of mortar
200 tonnes of aggregates
Key MPA Websites and Social Media

**Mineral Product Association**
@MineralProduct

**MPA’s Biodiversity Exchange**
@quarry_nature

**The Concrete Centre**
@concretecentre

**UK Concrete**
@thisisconcrete

**British Precast**
@British_Precast

---

**Core Websites**

<table>
<thead>
<tr>
<th>Mineral Products Association</th>
<th><a href="http://www.mineralproducts.org">www.mineralproducts.org</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Members’ Website</td>
<td><a href="http://members.mineralproducts.org">http://members.mineralproducts.org</a> (Password Protected)</td>
</tr>
</tbody>
</table>

**British Precast Websites**

<table>
<thead>
<tr>
<th>MPA British Precast</th>
<th><a href="http://www.britishprecast.org">www.britishprecast.org</a></th>
</tr>
</thead>
</table>
# Key MPA Websites and Social Media

<table>
<thead>
<tr>
<th>Product Group Websites</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ALA (Agricultural Lime Association)</td>
<td><a href="http://www.aglime.org.uk">www.aglime.org.uk</a></td>
</tr>
<tr>
<td>BLA (British Lime Association)</td>
<td><a href="http://www.britishlime.org">www.britishlime.org</a></td>
</tr>
<tr>
<td>BMAPA (British Marine Aggregate Producers Association)</td>
<td><a href="http://www.bmapa.org">www.bmapa.org</a></td>
</tr>
<tr>
<td>BRMCA (British Ready-Mixed Concrete Association)</td>
<td><a href="http://www.brmca.org.uk">www.brmca.org.uk</a></td>
</tr>
<tr>
<td>MPA Mortar</td>
<td><a href="http://www.mortar.org.uk">www.mortar.org.uk</a></td>
</tr>
<tr>
<td>MPA Cement</td>
<td><a href="http://cement.mineralproducts.org">http://cement.mineralproducts.org</a></td>
</tr>
<tr>
<td>SAMSA (Silica and Moulding Sands Association)</td>
<td><a href="http://www.samsa.org.uk">www.samsa.org.uk</a></td>
</tr>
<tr>
<td>Aggregates Carbon Reduction Portal</td>
<td><a href="http://www.aggregatescarbonreduction.com">www.aggregatescarbonreduction.com</a></td>
</tr>
<tr>
<td>MPA The Concrete Centre</td>
<td><a href="http://www.concretecentre.com">www.concretecentre.com</a></td>
</tr>
<tr>
<td></td>
<td><a href="http://www.sustainableconcrete.org.uk">www.sustainableconcrete.org.uk</a></td>
</tr>
<tr>
<td>UK Concrete</td>
<td><a href="http://www.thisisconcrete.co.uk">www.thisisconcrete.co.uk</a></td>
</tr>
</tbody>
</table>
### Key MPA Websites and Social Media

#### Other Sites

<table>
<thead>
<tr>
<th>Website</th>
<th>URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sustainable Development Microsite</td>
<td><a href="http://www.mineralproducts.org/sustainability">www.mineralproducts.org/sustainability</a></td>
</tr>
<tr>
<td>Careers in Quarrying</td>
<td><a href="http://www.careersinquarrying.co.uk">www.careersinquarrying.co.uk</a></td>
</tr>
<tr>
<td>Virtual Quarry</td>
<td><a href="http://www.virtualquarry.co.uk">www.virtualquarry.co.uk</a></td>
</tr>
<tr>
<td>UK Minerals Forum (UKMF)</td>
<td><a href="http://www.ukmineralsforum.org.uk">www.ukmineralsforum.org.uk</a></td>
</tr>
</tbody>
</table>

#### Affiliate Member Websites

<table>
<thead>
<tr>
<th>Website</th>
<th>URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPA Northern Ireland</td>
<td><a href="http://www.mpani.org">www.mpani.org</a></td>
</tr>
<tr>
<td>British Association for Reinforcement (BAR)</td>
<td><a href="http://www.uk-bar.org">www.uk-bar.org</a></td>
</tr>
<tr>
<td>Eurobitume UK</td>
<td><a href="http://www.bitumenuk.com">www.bitumenuk.com</a></td>
</tr>
<tr>
<td>Asphalt Industry Alliance (AIA)</td>
<td><a href="http://www.asphaltridgealliance.com">www.asphaltridgealliance.com</a></td>
</tr>
<tr>
<td>(Joint partnership between MPA and Eurobitume UK)</td>
<td></td>
</tr>
</tbody>
</table>
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) 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
MPA The Driver’s App

The MPA presents the MPA Driver’s App.

Working with a range of partners throughout the industry such as CLOCS and the MPQC to deliver a one stop shop for professional drivers to stay up to date on all the latest information regarding their own safety, health and well-being as well as the safety of the vulnerable users they share the road with.

Available for download now on iPhone and Android devices: search ‘MPA The Drivers App’.
Health & Safety Websites, Safequarry & Safeprecast Apps

Download the free MPA Apps

MPA Safequarry App  MPA Safeprecast App

Safequarry and Safeprecast are the health and safety hubs for the mineral products and precast industries. They provide one location where users can access key health and safety information. To download, search ‘Safequarry’ or ‘Safeprecast’ in your phone’s app store.

For info call MPA +44 (0)20 7963 8000  www.safequarry.com

For info e-mail info@britishprecast.org or call +44 (0)116 232 5170 www.safeprecast.com
MPA Victoria Office Facilities

At Gillingham House, MPA members have access to a cost effective, flexible, multipurpose business facility 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

Free meeting rooms and hot desk facilities are also available to all MPA members at the British Precast offices in Leicester.
<table>
<thead>
<tr>
<th>Meeting Room Facilities</th>
<th>MEMBERS Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room Hire</td>
<td>FREE</td>
</tr>
<tr>
<td>Tea/Coffee</td>
<td>FREE</td>
</tr>
<tr>
<td>Sandwich lunch</td>
<td>By prior arrangement (minimum of 5 people) - please contact <a href="mailto:GH@mineralproducts.org">GH@mineralproducts.org</a></td>
</tr>
<tr>
<td>WiFi</td>
<td>FREE</td>
</tr>
<tr>
<td>Conference phones</td>
<td>6p per line per minute</td>
</tr>
<tr>
<td>Photocopying/faxing/printing</td>
<td>Photocopying &amp; printing: 5p per sheet (B&amp;W) 12p per sheet (colour)</td>
</tr>
<tr>
<td>Meeting Rooms set up with LCD projector</td>
<td>FREE, by prior arrangement</td>
</tr>
<tr>
<td>Flip chart and pens</td>
<td>FREE</td>
</tr>
</tbody>
</table>
Contact Information
Contact Information
Locations and Maps

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

By Car
Nearest parking available at Victoria Coach Station.

By Rail
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Locations and Maps

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</table>

### Executive Team

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<tbody>
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## MPA Staff Directory

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<thead>
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</tr>
<tr>
<td></td>
<td><strong>Mobile:</strong> 07568 428 988</td>
<td></td>
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<tr>
<td></td>
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<tr>
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</table>
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| BLA Manager and Senior Advisor - Energy and Environmental |                               |                                        |
# MPA Staff Directory

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<tbody>
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## MPA Staff Directory

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<tr>
<td>Office and Events Manager</td>
<td>Fax: 0116 232 5197</td>
<td></td>
</tr>
<tr>
<td><strong>Christopher Stanley</strong></td>
<td>Tel: Housing Manager</td>
<td><a href="mailto:christopher.stanley@britishprecast.org">christopher.stanley@britishprecast.org</a></td>
</tr>
<tr>
<td>Housing Manager</td>
<td>Mobile: 07841 958 400</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fax: 0116 232 5197</td>
<td></td>
</tr>
</tbody>
</table>
# MPA Staff Directory

## MPA Northern Ireland

<table>
<thead>
<tr>
<th>Name</th>
<th>Contact Numbers</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gordon Best</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regional Director - MPA Northern Ireland</td>
<td>Tel: 028 9082 4075 Mobile: 07876 136 929</td>
<td><a href="mailto:gbest@mpani.org">gbest@mpani.org</a></td>
</tr>
</tbody>
</table>

## MPA Scotland

<table>
<thead>
<tr>
<th>Name</th>
<th>Contact Numbers</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Paula Coopland</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CEO &amp; Company Secretary - MPA Scotland</td>
<td>Mobile: 07787 433 312</td>
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</tr>
</tbody>
</table>
The Mineral Products Association is the trade association for the aggregates, asphalt, cement, concrete, dimension stone, lime, mortar and silica sand industries.

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