



Annual Report and Accounts 2021–2022



BAMA – working together for a sustainable aerosol industry



Position as of 1 September 2022

BAMA Staff

Mr Patrick Heskins, Chief Executive
& Company Secretary
Dr Paul Jackson, Regulatory Affairs Director
Mrs Sally Tilbury, Office & Events Manager
Ms Tiziana Dorigo, Membership
& Communications Manager
Mr Peter Watmough, Technical Manager

Officers and Directors of the Company

Mr Adrian McCretton, kdc/one Swallowfieldd
(Chair)
Dr Alina Darragh, WD40 Company (Vice Chair)
Mrs Kathleen Minshull, Reabrook Ltd
(Honorary Treasurer)

Directors

Mr Alastair Dyson, Reckitt Benckiser UK
Mr Jason Galley, Ball Aerocan
Mr James Clarke, Coster Aerosols
Ms Merion Evans, Unilever UK Ltd
Mr Michael Rimmer, Avon Engineered
Rubber Ltd
Mr Murdoch Crawford, Plastipak Packaging
Mr Neil Bolton, Procter & Gamble UK
Mr Richard Hitchman, Summit Europe cv
Ms Rosa Dias, Precision Global

Co-Opted Members

Mr John Gordon, Reabrook Ltd
Mr Peter Tune, Unilever UK Ltd

Ex-Officio Members

Mr Tony Brealey, Reabrook Ltd

Secretary

Mr Patrick Heskins

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Annual Report 2021–2022 and Accounts 2021

**For the year ended 31 December 2021 presented at the Annual
General Meeting**

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Chair's Report



Adrian McCretton of kdc/one Swallowfield
Chair of BAMA

It has been a busy year in the Association with the very welcome return to physical events which was warmly received by members, with a great turnout at the Forum and a capacity crowd at the Innovation Day in April. Many thanks to all who presented and attended for their contribution to successful and valuable exchanges.

The new committee structures, with more frequent but shorter virtual panel meetings and an annual face to face event day, are bedding in well with attendance from a wide range of members and a more nimble approach to management of live topics for the industry. The panel reports, elsewhere in this Annual Report, give you more detail on the range of topics being discussed.

The Board continues to meet regularly and virtually, following the same model as the panels, and we

recently had our first face to face meeting since the Forum where we reviewed the progress against the BAMA five-year strategy plan. I am pleased to report that we are on track against the objectives, and you should already be enjoying the new website, with improvements to on-line training materials imminent. Once live, the Board will be reviewing the training services BAMA provides to update and optimise the range and depth of our offering.

The year ahead presents many challenges as the UK regulatory regime settles. We have the implementation of many new aspects such as the plastics tax, upcoming packaging regulation and UK environmental reviews. Whilst the former present immediate challenges to all parts of the industry with additional actions, the latter is the strategic area where the industry needs to unite to help manage our contribution to UK targets. Both CO₂ emissions and

VOCs will be the focus of UK regulators in coming years and BAMA is leading discussion with the industry to both share best practice and ideas for CO₂ emissions reduction between members and explore ways in which we can all contribute to reducing the total VOC emissions by the industry.

This being my first annual report since taking over the role of Chair I'd like to thank Tony Brealey for his commitment and input in his extended tenure, and also Mike Rimmer for his time as Honorary Treasurer, and to welcome a number of new board members: Kat Minshull of Reabrook, who has taken on the

Honorary Treasurer role, James Clarke of Coster and Merion Evans of Unilever, who had previously been appointed.

Finally, many thanks to both the BAMA office team for their flexibility and hard work during the lockdown periods and to all panel and working group members for their great efforts in updating the website, guides, and training systems ready for the launch. Together we continue to create some of the benchmark guidance for the industry and, with our new delivery tools, we can continue to help the industry grow and thrive.



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Chief Executive Report

Patrick Heskins

Chief Executive of BAMA



Our Annual Filling Statistics for 2021 showed a drop of 4.5% compared to 2020, with a total of 1.44 billion aerosol dispensers filled here in the UK. To put this into context compared to the other big fillers in Europe, France and Germany saw similar declines last year and the UK continues to be the largest filler of aerosols dispensers in Europe by some margin.

The on-going strength of our industry here in the UK is something which we should all be proud of. In discussions with Government, I never hesitate to tell ministers and civil servants about the work you all do and the importance of our sector to UK manufacturing, particularly given the amount aerosols which are exported.

So far, the impact of us leaving the European Union does not appear to have had a major impact on the amount of goods sold to the EU. It remains to be seen what direction UK government regulation will go in the coming years and how our regulatory framework might start to diverge from the EU. Our ambition here at BAMA is that if UK regulation does diverge it should be to encompass a broader scope than the EU, allowing our exporters to follow EU regulation should they prefer.

There are, of course, other issues on the horizon for which we need to be prepared. Now we are outside of the EU, government in Westminster, and the devolved

governments and assemblies in Scotland, Wales, and Northern Ireland are looking, in particular, at environmental regulations and changes in waste management controls. UK Government has declared an ambition for the UK to be “Net Zero” for carbon emissions by 2050. Although not directly impacting the aerosol sector this will mean we need to look at our factory emissions, the carbon emissions from the packing we use, and from the formulations we put in pack.

In addition to the carbon impact of the formulation, and probably of greater significance to us as an industry, is the release of non-methane volatile organic compounds, or NMVOCs, from aerosol dispensers. Why is this of greater significance? The carbon release from the predominantly metal containers we use is, in metal terms, relatively small, but the NMVOCs emitted from aerosols is quite a large percentage of the total, and growing. This

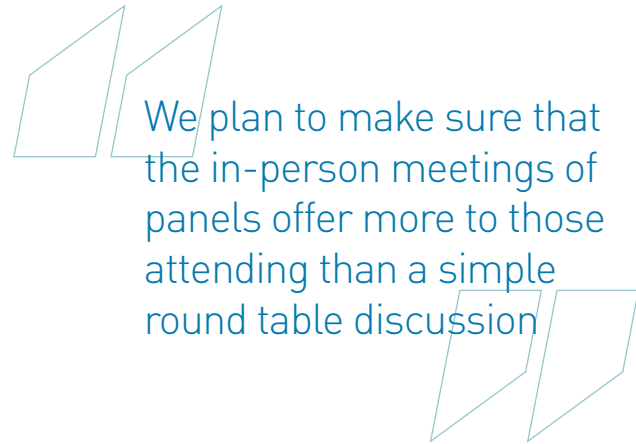
gives the potential for regulation, and we know that NMVOC emissions from the home are measured and monitored by government agencies.

Over the course of 2022, and into 2023, we will be discussing how the aerosol industry can work together and plan to reduce NMVOC emissions.

We here at BAMA have been delighted with the attendance and engagement for the new technical panels. COVID has helped us all learn how to work and meet remotely, but there is still a need for face-to-face meetings. We plan to make sure that the in-person meetings of panels offer more to those attending than a simple round table discussion.

Our revised website is now up and running. The previous site had served us well but as it evolved the shortcomings in its functionality and structure became more obvious. This new website is, we hope, more user oriented and easier to navigate. Later this year we will launch our on-line training portal, which initially will offer video content and interactive training on the basic elements of aerosol technology and filling. As we develop this, we will include more in-depth training, but always with the back-up of face-to-face courses or in-house training for those who would prefer this.

We have had some changes to the Board in 2021. A huge thank you to Tony Brealey for chairing the Association through the lockdown years and staying on for an extra year to allow our new Chair, Adrian McCretton, to settle in the vice-Chair role. Tony's industry knowledge and business acumen has helped us to set out BAMA's ambitions through to 2026 in our Strategy Plan and kept everything working during COVID. It is a great pleasure to have Adrian as the new Chair. I hesitate to think how many years we have known



We plan to make sure that the in-person meetings of panels offer more to those attending than a simple round table discussion

one another, what I do know is that his knowledge and experience will continue to keep BAMA in safe hands.

I am also delighted to welcome Alina Darragh to the position of vice-Chair after being elected to the Board way back in 2018. Thank you to Mike Rimmer for taking on the role of Honorary Treasurer last year, and to Kat Minshull for taking over this important role for the Association going forward.

The variety of companies in our membership, and especially those represented on our Board, speaks volumes for the diversity of BAMA's membership and reminds us in the Secretariat of the range of interests we must consider when looking at any issues which are presented to us.

I must thank Paul, Sally, Tiziana and Peter for their continuing hard work. And, of course, we need the on-going support of our member companies, those who sit on BAMA panels and working groups, those who respond to our questions and surveys, and all of you who attend our events. Thank you to all of you.

FEA Report



Alain D'haese
Secretary General of the FEA
(European Aerosol Federation)

I am delighted to present some key topics on which FEA and its network were involved throughout 2021/22. This year I will take a “group” perspective.

The Compartmented Technologies Task Force was established in 2021 and has already finalised a new *FEA Guide on Compartmented Technologies*.

The VOC Working Group was converted into the Emissions Working Group. The group developed an FEA position on the EC proposal on fluorinated greenhouse gases, is working on a revision of the VOC Communication Pack focusing on the Questions & Answers, and on a briefing paper on the different pathways to reduce the carbon footprint of aerosol products.

The Flammability/ADD Working Group developed comments on a draft EC Joint Research Centre (JRC) report *Safe and Sustainable by Design chemicals and Materials – Framework for the definition of criteria and evaluation procedure for chemicals and materials*

and updated the briefing paper on dual labelling of reversed epsilon and UKCA marking following the publication of UK legislative texts.

Following contacts with Petcore Europe, the Plastic Aerosols Task Force agreed to abandon previous plans and develop an FEA initiative instead.

The Recycling Task Force updated the FEA position paper on post-consumer aerosol recycling as well as mapping aerosol recycling across Europe in conjunction with the national associations. It provided details on recycling studies to EC consultant Eunomia to avoid having aerosols included on any future negative list in the frame of the *EU Packaging & Packaging Waste Directive*. The Task Force closely monitored the development of the revision of this legal act and co-signed joint industry papers from the Packaging Chain Forum (PCF). An EC proposal should be released before the end of 2022.

The Reuse Task Force developed a new briefing paper on aerosols dispensers and reuse, revised the *FEA Guide on Life Cycle Analysis (LCA)* and finalised a briefing paper on refillable pressurised dispensers.

The Safety & Security Working Group revised the *FEA Guidelines on the Basic Safety Requirements in Aerosol Manufacturing*.

The Standardisation Working Group revised the following standards:

- *FEA 100 Standardisation – Basic terms, principles, procedure*
- *FEA 223 Tinplate aerosol containers – Plastic cover caps for two and three piece necked-in containers conforming with FEA 214*
- *FEA 641 Aerosol gaskets – Test for material selection*
- *FEA 642 Aerosol Gaskets – Olfactive control test.*

The WG also worked on standards:

- *FEA 621 Aerosol containers – Measurement of internal pressure resistance of empty containers without valves*
- *FEA 646 Filled aerosol packs – Resistance to a top load force.*

The International Liaison Committee (ILC) discussed a new Guideline on stability testing, based on FEA Standard 603.

The Transport Working Group began an update of the *FEA Guide on the Transport of Aerosols*. The International Civil Aviation Organization (ICAO)

Dangerous Goods Panel (DGP) discussed and agreed on the harmonisation of the ICAO dangerous goods provisions for aerosols with the UN Model Regulations; this represented a milestone. The RID/ADR/ADN requirements relating to the increase of the allowed maximum internal pressure at 50°C to 15 Bar for aerosols using compressed gas propellants will now be fully aligned to the UN Model Regulations. Note: in the case of a mixture of propellant gases, the stricter requirement will apply.

The Health Classification TF and the Waterbath Test Alternatives TF were disbanded.



I would like to thank all BAMA delegates involved in FEA groups for their expertise and commitment, the BAMA Secretariat for their collaboration and friendship and, finally, the company members for their continuing support to BAMA and FEA.

FEA continues to be involved in the Downstream Users of Chemicals Co-ordination Group (DUCC) which contributes to numerous issues relating to the EU Chemicals Strategy for Sustainability:

- hazard-based Generic Risk management Approach (GRA)
- Mixture Assessment Factor (MAF)
- One Substance One Assessment
- CLP additional hazards such as Endocrine Disruptors (ED) and Persistent, Mobile and Toxic (PMT) substances
- Safe and Sustainable by Design (SSbD)
- speeding up REACH processes
- digitalisation.

DUCC also supports the implementation of EU REACH and EU CLP.

The next FEA Global Aerosol Events will be held on 21-22 September 2022 in Lisbon, Portugal.

In September 2022, all FEA groups will elect or re-elect their respective Chair and vice-Chair.

The next FEA Global Aerosol Events will be held on 21-22 September 2022 in Lisbon, Portugal. These events are a great opportunity for the global aerosol community to network with peers and update one another on the latest developments in our industry. I am eager to meet you again in-person. More information can be found at: **www.feaglobalevents.org**.

Finally, FEA has developed a new partnership with Easyfairs. FEA will combine its long-standing Global Aerosol Events with ADF in Paris from 2023. Easyfairs will be exhibiting in Lisbon to answer any questions you may have.

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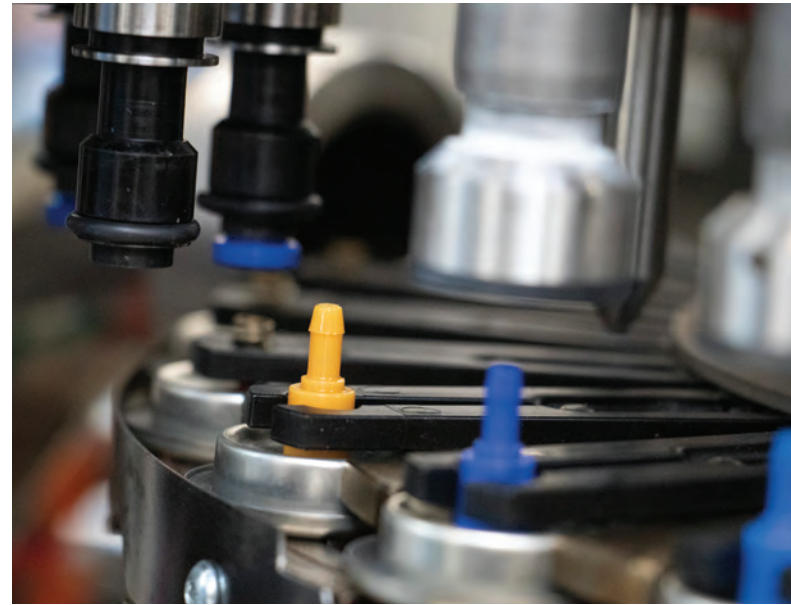
UK Aerosol Filling Statistics

The final figures for the UK aerosol industry 2021 output show interesting variations with the total number of tinplate steel containers catching up with the previously dominant aluminium.

Of the 1.44 billion units produced, 698 million, equal to 48.5%, were made of tinplate, with the remaining 742 millions of aluminium. Compared to 2020, the total production dropped by 4.5%: almost 75 million units.

The narrowing of the gap in the aluminium to tinplate ratio is due to a reduction in the output of deodorants and anti-perspirants, categories that represent the bulk of the UK production. Deodorants and body sprays went down by circa 27%, from 353 to 257 million units, while the reduction in antiperspirants was 6.1%, a reduction of 25millions.

These rather dramatic numbers are due to the running down of stock built up during the peaks of the pandemic and it translates into the first significant decrease in the UK's overall production for 2021. On the matter, Patrick Heskins, BAMA's Chief Executive, says "It is the first time in many years that we have seen such a dip in production, but given the



economic and political situation of the past two years, I would say that our industry survived remarkably well."

The large change from the previous year in the Household Sector and the Industrial categories is due to a shift in reporting of some specific products, rather than to sudden market changes.

2021 BAMA FILLING FIGURES (in '000)

Product category		TOTAL 2021	TOTAL 2020	%CHANGE 20/21	Volume change
Insecticide sprays	Insecticides – not including insect repellents or pet flea sprays	10,851	5,982	81.4	4,869
Paints and lacquers	Paints and lacquers – including automotive, household, clear varnish and decorative	32,578	14,029	132.2	18,549
Household products	Air fresheners – dry and wet, including room and fabric fresheners	20,1273	18,2015	10.6	19,258
	Polish – including all furniture polishes, dusting aids etc. NOT including polishes designed for the automotive industry	16,161	15,143	6.7	1,018
	Shoe and leather treatment sprays and mousses	2,040	3,248	-37.2	-1,208
	Fabric sprays – including iron aid sprays	7,221	4,921	46.7	2,300
	Oven cleaners	1,266	797	58.8	469
	Hard surface cleaners – including bathroom and kitchen mousses	32,173	50,149	-35.8	-17,976
	Other household products – including rug and upholstery cleaners, water repellents, DIY, lubricants, window glass cleaners, etc.	19,719	67,580	-70.8	-47,861
Personal care products (toiletries)	Shaving products	156,550	147,656	6	8,894
	Haircare products – including mousse products, sprays, lacquers, glitter sprays, etc.	142,089	119,898	18.5	22,191
	Perfumes and colognes	8,404	10,412	-19.3	-2,008
	Deodorants/body sprays – liquid based products, not containing powder actives	256,993	352,998	-27.2	-96,005
	Antiperspirants	383,282	408,294	-6.1	-25,012
	Other personal care products – including insect repellents, shower gels, hand lotions, talcs, depilatories and feminine products	10,744	16,912	-36.5	-6,168
	Suntan and artificial bronzing products	2,284	1,766	29.3	518
Medical and pharmaceutical products	All other medical and pharmaceutical products – including over the counter (OTC) and prescription products	28,220	26,708	5.7	1,512
Veterinary and pet care products	Including flea sprays and all veterinary over the counter (OTC) and prescription products	6,388	1,839	247.4	4,549
Automotive products	Including all products designed for the car or cycle – EXCEPT paints and lacquers	19,382	28,547	-32.1	-9,165
Industrial aerosols	Including all products designed for industrial use	86,203	38,430	124.3	47,773
LPG	Lighters refill	10,875	14,000	-22.3	-3,125
Miscellaneous	Products not recorded elsewhere – including novelty products such as artificial snow, silly string, custard pie sprays, glitter etc.	6,150	4,432	38.8	1,718
TOTAL		1,440,846	1,515,756	-4.9	-74,910
Container type					
Total tinplate cans		698	692	6.0	
Total aluminium cans		742	810	-68.0	

BAMA Award Winners 2021

Aerosol of the Year

Winner: Pritchard Spray Technology – VirusEnd

The judges found that VirusEnd was the most 'innovative and pertinent' new launch of the last year. 'Developed in record time' and 'backed by a very reputable body' were just some of comments made.



Runner up: Lindal Valve Company Ltd – BAB with Hemascrub

The judges found Lindal's Bag-and-Bag system had 'big scope and potential for several applications'.



Aerosol Packaging Award



Winner: Ball Aerosol Can – Dove Men+Care Lions Limited Edition

The images on Ball's can shows 'amazing graphic, at the edge of what is technically possible to print on an aerosol can'.



Runner Up: Lindal Valve Company Ltd – 3D Aerosol Configurator

The software launched by Lindal facilitates and speeds the product design process, by helping match the most suitable components together: 'it doesn't send you down a rabbit hole, it allows maximum choice' and 'there isn't anything like that for the aerosol sector'.



Special Recognition Award

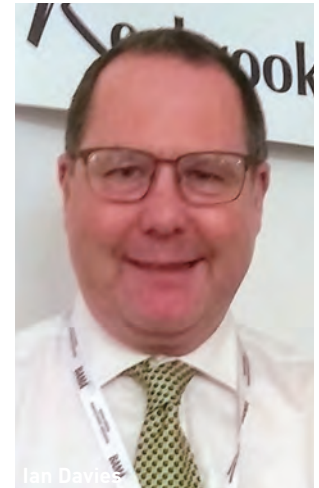
Joint Winners: Murdoch Crawford of Plastipak and Ian Davies, formally of Provensis

Murdoch has been involved with BAMA while employed by various companies in the aerosol industry. He joined the BAMA Board of Directors in 2016 and took over the role of BAMA's Representative on the Board of FEA in 2020.

Throughout Ian Davies' career, he has worked at a number of companies within the industry and has been a stalwart of BAMA, belonging to and chairing a number of committees. He was heavily involved in writing the original *BAMA Standard*.



Murdoch Crawford



Ian Davies

Sustainability Award

Winner: Plastipak – Stay Safe 5 in 1 Fire Extinguisher

What impressed the judges most was the winner's lower carbon footprint compared to standard extinguishers and the fact that the PET container made it fully recyclable.



Highly Commended: Lindal Valve Company Ltd – Mini Engine

Lindal's Mini Engine addressed one of the 'critical topics of the present' by using PCR plastic in its production.



Runner Up: kdc/one Swallowfield – Beauty Bio Healthy Scalp Dry Shampoo

Beauty Bio Dry Shampoo is formulated with lower VOC content than traditional dry shampoos and its water-based formula means that it meets not only the immediate target set by CARB in the USA for GWP but meets the stricter 2030 limit as well. On top of that, the product is alcohol and starch free, and the judges said that 'it doesn't feel cakey' once sprayed on the hair, matching environmental conscience with the pleasure of use.



Process Safety and Training Award

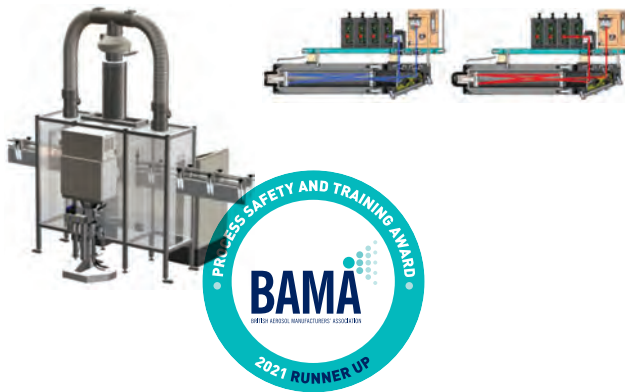
Winner: Coster Aerosols – Coster’s Got Talent Apprentice Programme

The judges commented that it ‘sustains the industry, considering the aging workforce’ and ‘appropriate training improves workplace safety’.



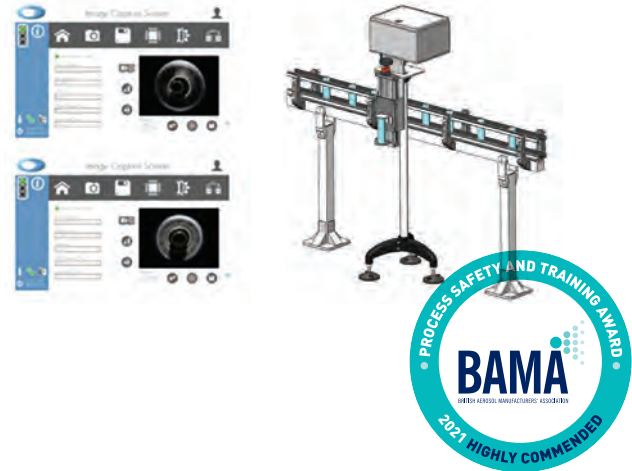
Runner Up: Cascade Technologies – Multi Propellant Leak Detector

Cascade’s Multi Propellant Leak Detector was deemed to ‘create significant cost savings, while carrying out essential product safety tests’.



Highly Commended: Alloway UK Ltd – Stem Lean Vision System

The judges described this product as ‘quite unique’ in tackling a significant issue in the production process.





*BAMA Issues Management:
Committee and Technical
Panel Reports*

Commercial and Planning Committee



Alina Darragh of WD40 Company

Chair of the Commercial and Planning Committee

The main role of the Commercial and Planning Committee is strategic assessment of the environment impacting the UK aerosol industry, with a view to making appropriate recommendations to the Board. We can all agree that in the recent years there has been plenty of threats and opportunities confronting the industry from various angles. Firstly, the UK exit from the EU and consequent divergence of our regulations, and then the Covid-19 outbreak that impacted the whole of society. As the recovery from the pandemic started, so did the problems with supply chains. The long-time tested strategies of outsourcing and offshoring faltered in light of container shortages and rising fuel costs. Then, to most of Europe's disbelief, Russia decided to invade Ukraine in February creating further disruption in trade and supply chains, as well as an unprecedented rising cost of energy. Additionally, in April, the

Intergovernmental Panel on Climate Change (IPCC) warned that greenhouse gas emissions must peak by 2025 at the latest, and decline 43% by 2030, in order to limit global warming to 1.5°C. We clearly have plenty of challenges to respond to.

As Adrian McCretton became Chair of the Association, I was honoured to become Vice-Chair of BAMA and Chair of the Commercial and Planning Committee. The Committee also welcomed Kat Minshull as the BAMA new Treasurer, taking over from Mike Rimmer. The C&P Committee met twice this year to discuss a variety of subjects and put forward recommendations to the Board.

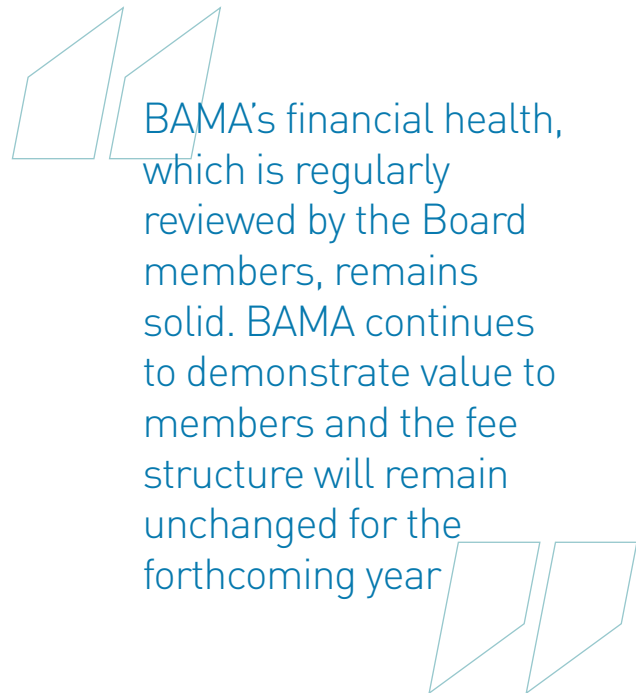
BAMA's financial health, which is regularly reviewed by the Board members, remains solid. BAMA continues to demonstrate value to members and

the fee structure will remain unchanged for the forthcoming year. There was a small drop in the number of members this year. However, many of the remaining member companies experienced growth, hence income to the Association remained stable. We were also pleased to see new members joining the Association, and I would like to extend a warm welcome to Maynard Chamberlain, Colep Packaging and Colep Consumer Products, Pets Choice, Avanti Environmental Group and LMA Services Ltd.

BAMA continues to work with the European Federation of Aerosols (FEA) on EU matters. Following the UK's exit from the EU, BAMA received a 20% reduction in FEA subscription to mirror our allocation of resources to UK-specific matters. This reduction was agreed to last three years and expires in 2023 when BAMA will return to paying the FEA subscription in full. Despite the UK and EU going their separate ways, BAMA continues to see high value in maintaining this relationship due to the influence FEA has with both the EU and UN. In addition to the FEA, BAMA will continue to receive support from Whitehouse Consulting in monitoring the development of EU regulations.

BAMA facilitated its members' engagement on matters of importance for our sector by moving from committees to smaller, topic-focussed technical panels. We are pleased to say the new structure has worked well, and the new, regular BAMA Briefing Webcast, as well as the UK and EU Briefing newsletters have been well received by the members.

One of the biggest development this year was the launch of BAMA's new and much anticipated website.



BAMA's financial health, which is regularly reviewed by the Board members, remains solid. BAMA continues to demonstrate value to members and the fee structure will remain unchanged for the forthcoming year

I would like to congratulate the BAMA staff who put boundless effort into making this a reality. We are also looking forward to the Online Training Portal being launched soon. I had the privilege of seeing some of the new training videos and I can assure you that this is worth the wait.

As Covid-19 restrictions are lifting, BAMA's courses are also returning to in-person experiences. This year we have already run 'Warehousing of Aerosols' and 'Transport of Aerosols' at the BAMA's offices, and 'Safe Handling of Aerosol Propellants' at DH Industries in July. 'Labelling of Aerosols' will take place at BAMA's premises in September. The Aerosol Technology Course and Practical Day remains very popular and will be held again in November.

In addition, BAMA organises discussion evenings designed to inform and provide a platform for networking within our industry.

The Forum & Awards 2022 event is scheduled for 12-13 October this year and will be hosted again at Carden Park in Cheshire. The programme is being finalised and the final agenda will be shared soon. We look forward to seeing you all there.

The BAMA facilities at 1 Viewpoint, Stevenage required some scheduled repairs and maintenance and we took the opportunity to carry out some upgrades at the same time in line with the UK Net Zero Strategy. BAMA obtained EU funding in order to co-finance the environmental upgrades in question.

Finally, I would like to thank Tiziana, Sally, Peter, Paul and Patrick for another year of dedication and continuous support in running the Association.



Air Quality Panel

Merion Evans of Unilever UK
Chair of the Air Quality Panel



The Air Quality Panel met three times during the year with a focus mostly on VOC, but also on other air quality issues.

VOCs

The Panel continued to progress the BAMA strategy to quantify the emission and to engage with UK government on initiatives to reduce VOC use.

The Panel reviewed data on UK sales of aerosols and typical VOC content. Sales data purchased from Kantar was combined with updated VOC content assumptions based on input from several BAMA members to estimate VOC emissions for 2020. After review, a letter was sent to the NAEI presenting BAMA's estimate for the 2018-2020 VOC emission for cosmetic and toiletry, and household aerosols used in the UK. This means that BAMA has now provided the NAEI with our best estimate emissions data for the years 1996-2002 and 2012-2020.

The Panel has concerns that BAMA currently only had sales data for 'cosmetic and toiletry' and 'household'. Aerosols with no information on so-called 'car care' aerosols and that there may be incorrect assumptions and potential double counting in the UK inventory for this category. BAMA has contacted the NAEI to discuss a more appropriate definition of the car care category. Efforts are also being made to

speaking to BAMA members who market these products to get a better picture of the UK market.

The Panel also noted that the latest version of the UK VOC emission inventory from the NAEI now includes the BAMA data from 2012-2017 along with projections for 2018 and 2019. This has resulted in a slight increase in VOC emissions from aerosols estimated for 2005 from 53.9kt to 59.1kt – giving a slightly higher baseline against which reductions will be judged.

The Panel noted that whilst in the UK total VOC emissions have fallen by 31% since 2005, emissions from aerosols have risen by 21%; meaning that by 2019, Aerosols were 9% of the total UK emissions. The Panel agreed that this would make aerosols likely to be a target for any future UK VOC reduction strategy.

The Panel discussed whether BAMA should promote reactivity as a means of VOC emissions control but concluded that, whilst it has a lot of attractions, it would require a lot of preparatory work and the support and cooperation of several sectoral associations. Further, it would start to differentiate

UK VOC controls from those in the EU, something the Panel does not support at this time. In the short term it was felt that it should be possible to use technologies available to the industry to deliver reduced VOC emissions by making better use of concentrated Aerosols, compressed gas propellants and aqueous formulations.

The increase in VOC emissions and highlighting of indoor air quality (see below) led to the BAMA Board of Directors developing the BAMA VOC pathway to reduce VOC emissions from aerosols use in the UK to 2005 levels by 2030- a reduction of just under 20% of the 2020 emissions. The task of the Air Quality Panel in the next year will be to develop the proposal further and manage its rollout.

The Panel has also monitored air quality activities in the EU and elsewhere, in particular:

- Reviewing the FEA VOC Q&A briefing paper, this was important because new proposals for the EU Air Quality Directives are expected in Q3 2022, and it is thought likely this could lead to new targets for reducing VOC emissions. It was also felt that once the Q&A was updated, it could be used as source material promoting the BAMA VOC pledge.
- Monitoring changes to VOC controls in countries like Canada and the USA where new VOC limits are being introduced.

Indoor Air Quality

Indoor air quality became a subject of discussion by the Panel after Prof Lewis and Dr. Amber Yeoman from York University published a paper estimating global VOC emissions from aerosol dispensers. They followed this with work measuring indoor air quality where key propellants (Propane, Butane and isobutane) were three of the top five VOCs measured inside the home. BAMA had a conversation with Prof Lewis and Dr. Yeoman, and Amber gave a presentation of her work at the BAMA Innovation Day in April, raising awareness of the issue within the aerosol industry. The Panel is considering how best to engage with York University on this issue.

F-Gases

The Panel also discussed F-gases to understand how the proposed amendment to the EU F-gas Regulation will impact on Aerosols sold in the EU. The amendment presented by the European Commission extends labelling requirements to include the use of HFC 1234ze and will prohibit the use of HFC 134a, HFC152a and even HFC1234ze in personal care aerosols

For the UK, the situation is more complex as responsibility for F-gases is a devolved matter; it is only just beginning to become clear how F-gases will be managed.

I am pleased to report that we have had good attendance at the Air Quality Panel meetings, and I would like to thank all of the attendees for their engagement over the last year and look forward to continuing to work with them in the future.

Sustainability Panel



Alina Darragh of WD40 Company
Chair of the Sustainability Panel

The Sustainability Panel emerged from the previous Environment and Sustainability Committee which was divided to allow a more subject focus agenda. The Panel, in its new capacity and structure, looks after issues such as recycling and reuse, green claims and ethical sourcing, and decarbonisation. The Panel has met three times since it was launched, twice in 2021 and then after quite a long gap in mid 2022.

Waste and Recycling

The Panel's efforts this year were heavily focused on responding to the four government consultations regarding waste prevention, consistency of waste collection, deposit return schemes (DRS), and perhaps the most important for aerosols, extending producer responsibility (EPR). The Panel reviewed, and then agreed and submitted responses to the consultations on waste prevention, consistency of collection and EPR. It was agreed that the questions in the DRS consultation were structured such that BAMA had no meaningful input at this stage.

responding to the four government consultations regarding waste prevention, consistency of waste collection, deposit return schemes (DRS), and perhaps the most important for aerosols, extending producer responsibility (EPR)

After a period of time Government published its responses to the EPR consultation along with a follow-up consultation on how the revised system will work. It is now clear that the PRN/PERN of packaging waste recycling notes systems will

be retained as a way to managing payments for packaging waste. It is also likely that the system will be extended to commercial and industrial packaging waste collection. As you will be aware PRN/PERNs were originally introduced under the 1997 Producer Responsibility Obligations (Packaging Waste) Regulations as a way for producers to demonstrate that they have met their statutory recycling obligations each year. New regulations extending this responsibility (EPR) will widen the scope of these payments and require producers to pay the full costs of managing household packaging waste (currently about 75% of the costs are paid by local authorities from taxation). The EPR regulations will allow local authorities to recover payments from producers for the collection of household packaging waste, and 'on the go' packaging disposed of in street bins as well as underwriting the cost of sorting and processing for recycling.



As the subject of circularity gains popularity, the Panel plans to highlight the success story of recycling because UK enjoys one of the highest aerosol recycling rates in the world



The Panel's responses to the follow-up consultation included suggestions to increase the requirements for the competence of and reporting by re-processors and exporters, and that the Government should appoint an administrator to approve and monitor compliance schemes. Also commented on was the proposal by the Government to introduce a standardised mandatory labelling for recyclability of the packaging and modulated fees to incentivise the use of recyclable packaging. The wider EPR measures (including full net cost payments for household packaging, modulated fees, mandatory labelling and enhanced communications) are aimed at addressing many of the faults identified with the current PRN arrangements, the system is due to be implemented from 2024.

As the subject of circularity gains popularity, the Panel plans to highlight the success story of recycling because UK enjoys one of the highest aerosol recycling rates in the world. But the Panel is also acutely aware that the upcoming EPR and DRS regulations might impact aerosol recycling. Hence, assessing the potential impact of the new packaging waste regimes in the UK and anticipating any potential barriers will be a task of most importance for the Panel in the coming years.

Decarbonisation

More recently the Panel has been considering an aerosol industry response to the Government's challenge to show how it is achieving Net Zero Carbon Emissions. This may present a challenge for the industry in coming years but will also provide an opportunity for quicker adoption of technical innovations. BAMA has an excellent

record of providing help and advice to members by conducting studies and creating briefing documents. For example, the 'LCA tool for aerosol dispensers' created in 1992, data collected on Sustainability Indicators in response to UK Government and EU initiatives such as Carbon Reduction Commitment (CRC), Integrated Product Policy (IPP) and Sustainable Consumption and Production (SCP), as well as an assessment of the carbon footprint of aerosol dispensers (2009) which identified that the key contribution to the carbon footprint of aerosols is the manufacture of the metal container itself, and so helped BAMA decided to focus effort on promoting recycling of aerosols through the MetalMatters programme. BAMA had also provided key input into documents developed by the FEA such as the 'FEA Guide to Using LCA' and 'The Unique and Sustainable Aerosol'.

The Panel agreed that future focus should be on guiding member companies to answer the current government focus on requiring companies to publish their plans to 'achieve net zero carbon emissions in their operation'. There are already a number of carbon reduction initiatives within the industry that are known to BAMA that are either being investigated or already being implemented, which the Panel intends to highlight to members.

I would like to express my deepest appreciation to the Panel members for their contributions and engagement. I look forward to our long-term progressive steer on such an important subject as sustainability, and I look forward to working with the Panel in the coming year.



Regulatory Panel



**Adrian McCretton of
kdc/one Swallowfield**
Chair of the Regulatory
Panel

The Regulatory Panel was created to focus BAMA's efforts on commenting on changes to GB marketing and consumer safety regulation resulting from EU Exit, whilst at the same time providing BAMA's views on EU Regulations to the European Aerosol Association (FEA).

The Panel met five times in its first year, a large proportion of the time being spent on drafting industry guidance for new UK/GB regulations, such as those on aerosol dispensers, and updating that guidance as the regulations evolved.

We have had several rounds of deadlines for marking aerosols with the new UKCA mark and, as I write, although using the UKCA will be mandatory from 1 January 2023, a proposed further easement means that marketers will be able to continue to use the "accompanying documents" clause until the end of 2025. However, this continually moving goal post is causing confusion, so BAMA continues to encourage members to update their artwork to apply the UKCA mark to their aerosols as soon as possible.

The Panel has also monitored implementation of GB CLP as well as review in the UK Plastics Packaging Tax and its implications to the industry – we believe that our lobbying of HMRC to gained specific guidance to exempt the plastic elements of the valves and actuators may save the UK aerosol industry up to £10M per annum. The Panel has also developed

BAMA Briefing note on the tax that will be circulated in July.

It has also become clear to Government that UK REACH, a simple copy and paste of EU REACH into GB Regulations, is not going to work. It is prohibitively costly for the UK industry and could result in new and unnecessary animal testing because companies who were downstream users are now importers with registration responsibilities, but with no access to existing data. As a result, the Government has agreed to review the plans for UK REACH and the Panel is monitoring developments and I expect will be actively providing comment in the coming year.

The BAMA team continues to grow strong links with OPSS (the Office of Product Safety and Standards) and submitted comments to the OPSS's recent review of the Product Safety regime for GB. Through BAMA, the Panel is also maintaining its Primary Authority relationship with Herts Trading Standards to help them manage queries and provide us with updates on

enforcement of the wealth of new product safety and marketing legislative activities as the UK continued to fine tune the regulations.

A new initiative from the Panel is to develop 'Quick Guides', these are designed to be short – 3-4 pages maximum – and provide summary advice to aerosol marketers. They fall into two types; the first type will promote BAMA guides by summarising key parts of the guide as way to introduce them a new audience. The first of these on the UK aerosol dispenser regulations will be available from the new BAMA website soon. The second type, which will be restricted to BAMA members, is designed to inform marketers of the key regulations they need to comply with when placing aerosols on the market. These guides will list the relevant regulation and summarise them in a sentence or two. The first of this series, for the GB market, is being finalised and the plan is to share it with aerosol associations in other countries in exchange for them providing something similar for their market. In this way it is hoped to provide BAMA members with a starting point for exporting their aerosols.

The Panel also closely follows activities in the EU as our industry's key export market. Key activities in this area were monitoring queries on EU CLP from EU member state authorities about applying Tactile Danger Warnings to aerosols, and the ongoing discussions concerning the inclusion/exclusion of propellant from health classification of aerosol products. The Panel also discussed the European Commission's proposal to convert the General Product Safety Directive (GPS) into a centrally acting EU Regulation, in particular the proposal to extend

the definition of 'safe product' to include reference to 'foreseeable conditions of misuse'. The Panel agreed that this would make it very difficult for any marketer to prove safe use and that there was the potential for confusion because 'abuse' and 'misuse' translate as the same word in some EU languages. In this case, the Panel pushed for FEA submit comments to the Commission. We will continue to monitor the review.

Our next project (between regulatory updates) is to review of the BAMA Aerosol Recall Guide (currently in 4th edition) to include new UK/GB relevant references and updated guidance and links to relevant UK organisations. We would like to try a new approach on this review and are proposing to do it via a quick succession of dedicated Panel video workshops. Any members interested in contributing to this review or other Regulatory Panel activities are invited to join the Panel or to attend the BAMA Briefing Webinars which include regular updates.

We are also planning to hold a Regulatory Information Day in the Autumn tied into the first physical meeting of the Panel, both the event and the Panel meeting will be open to all BAMA members. The plan is to have presentations covering the UK Government's intentions for regulating the GB market, enforcement issues and possibly help for exporting. Please look out for the invitation.

Finally – a big thank you to all members of the Panel who have attended the discussions and contributed to the reading, reviews and compilation of our guidance. As always, these contributions are essential to maintain our reputation as one of the leading aerosol associations in the world. Thank you all for your time and contributions.

Industrial Panel

John Gordon of Reabrook Ltd
Chair of the Industrial Panel



The remit of this panel is to represent the interests of BAMA member companies in all aspects of industrial and process safety and to monitor and provide comment on all safety and environmental regulations relating to the manufacture, distribution, and disposal of aerosol dispensers. We also aim to maintain and develop BAMA safety and regulatory guides relating to manufacture, distribution, and disposal of aerosol dispensers,

Specifically, the scope is:

- Safety Regulations – COMAH, DSEAR, COSHH, Water Bath
- Environment Permitting
- BAMA/FEA Safety Guides – electrostatics, water bath, packing for transport, storage,
- BAMA Regulatory Guides – PSPI, VCE, PPC/EPR
- Process Emissions
- Waste Disposal
- Industry Accidents – manufacturing and distribution
- BAMA Standard modules 3, 6, 7 and 8

There have been several meetings of the Industrial Panel since the last BAMA report. All have been held virtually (following Covid guidelines), which continues

to be a success especially in terms of a good level of attendance.

As Chair, I would personally like to thank members for their continued support at meetings. It has been encouraging to see quite a few new attendees at the virtual meetings, and it appears the way to go. Saying that, there is still an outstanding visit in person to the Manufacturing Technology Centre (MTC) in Coventry. It is planned to reschedule this now Covid restrictions are lifted. Consideration is also to be given to a visit to 'Make UK', who operate an apprentice scheme that may be of interest to member companies.

The BAMA Guides

One of the remits of the panel was to review BAMA Guides and update where necessary, to reflect current industry practices. One such guide was the 'Warehousing of aerosols'.

This has been looked at in two parts. Firstly, 'A Guide to setting up an Aerosol Warehouse'. Then secondly, 'A Guide to Operating an Aerosol Warehouse', for those companies with already established aerosol warehouses.

Another guide being reviewed is that covering PSPIs (Process Safety Performance Indicators), which provides a process to develop a company's own suite of PSPIs. They provide an organisation's Senior Management Team with assurance that the major hazard risks are under control.

FEA

FEA reviewed 'A guide to basic safety in the aerosol factory'. In turn, the panel reviewed this and offered comments to the FEA, including ventilation in gas houses and propellant loss when filling.

If we are to get full value for our membership costs from FEA we would encourage members to get involved with the FEA working groups and committees. Details available from BAMA.

HSE/EA and the Devolved Agencies

With the lifting of Coronavirus restrictions, HSE and DEFRA restarted their programme of visits to member companies. Topics included written schemes of examination, specifically for tanks; Accurate drawings, including materials of construction; Evidence that brittle fracture of tanks and pipework has been considered; Availability of cause-and-effect diagrams, especially on older monitoring equipment; Human Factors – especially with respect to tanker offloading; Justification for exact location of gas detector heads; EA – Stack emissions, especially related to MCERTS, likely to be more front of mind as the move to Carbon Neutral progresses; EA– Focussing on fire water run-off.

Government Decarbonisation Plans

The government plans are very ambitious with a relatively short timeframe and, although aimed at larger industries, we are likely to suffer collateral effects, for example for changes in the metal producers etc. The plans were discussed and agreed that the first stage would be to determine what the carbon footprint of our industry is.

Process Safety Forum

BAMA is a member of the Process safety Forum (PSF) and the Technical Manager is BAMA's designated representative. The reports from each meeting are circulated to BAMA member companies.

Recycling Safely

Following the review of the assessment of the recommendations in France made by CITEO for baling aluminium packaging containing aerosols, the panel noted that some of the recommendations might be appropriate in France, where up to 22% of the aluminium packaging waste stream is made up of aerosols, but would not be appropriate in the UK, where the figure is much lower (circa 5%).

Finally, as pleasing as it is at the increased attendance at the virtual panel meetings, we would always welcome more attendees. This includes the smaller working groups which give you the opportunity to have a direct input and learn from others on a particular topic, such as laboratory guides or aerosol warehousing.

Technical Panel



Peter Tune of Unilever UK Ltd
Chair of the Technical Panel

Welcome to the Technical Panel whose scope is to represent the interests of BAMA member companies in all aspects of aerosol technology and product safety.

To act as the review panel for all standards & test methods relating to aerosol products. To provide guidance on all basic aspects of aerosol product technology, and to develop and maintain BAMA training courses and tools on aerosol technology.

Engage with FEA to continue to influence EU regulations and to maintain awareness of aerosol related matters within the EU, EEA and EFTA

To maintain relevant modules of *The BAMA Standard*.

Scope

- Product Safety
- Product Recall
- Consumer Accidents
- Standards – BSI/CEN/ISO/FEA
- Aerosol industry test methods
- Basics Guidance
- BAMA Standard Modules 1, 2, 4 & 8

Deliverables

The Technical Panel will:

- Review product safety incident/accidents and near miss reports and make recommendations.
- Review, comment and approve relevant FEA standards and test methods as appropriate.
- Monitor consumer accidents and make recommendations.
- Review Product recall experiences and update guidance when necessary.
- Input to the development of Aerosol Standards – BSI/CEN/ISO/FEA
- Review the existing and develop new test methods for aerosols.
- BAMA's training package on aerosol technology.
- Take lead on updating the BAMA Standard Modules 1, 2, 4 & 8.

Over recent years BAMA have become aware and concerned about the loss of deep technical knowledge and experience from the UK industry through retirements and employment trends.

One of the key tasks of the technical panel is to capture this current knowledge and best practice for the future benefit of the industry.

The panel has issued two new guides:

- *The BAMA Guide to Aerosol Valve Sealing*
- *The BAMA Troubleshooting Guide – Aerosol Valve Sealing*

We have held a quality guide workshop where representatives from the industry created a full process map of the steps required to bring an aerosol product to market, from product brief to appearing on shelf. The next step is to take this output and combine with the information already available to create a draft guide. The working group then plan to meet in person again to finalise the document.

We are currently reviewing the Laboratory Safety Guide and BAMA test methods.

We act as the review group for the FEA standards and are looking at ways to improve ways of working with the FEA.

We continue to evaluate all reports of consumer incidents and make recommendations to improve consumer safety where appropriate.

Finally, I would like to thank all the panel members for their time and input over the years and look forward to working with them in the future and remind everyone that membership to any of the panels is open to all BAMA members and we rely on those members to make sure the panels are effective, so we encourage you to get involved.



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Vice Chair

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Honorary Treasurer

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Alastair Dyson, Reckitt Benckiser Group Plc

Jason Galley, Ball Aerosols Ltd

James Clarke, Coster Aerosols

Merion Evans, Unilever UK Ltd

Michael Rimmer, Avon Engineered Rubber

Murdoch Crawford, Plastipak Packaging

Neil Bolton, Procter & Gamble

Richard Hitchman, Summit Europe cv

Rosa Dias, Precision Valve UK Limited

Co-Opted members

John Gordon, Reabrook Ltd

Peter Tune, Unilever UK Ltd

BAMA staff

Patrick Heskins, BAMA

Paul Jackson, BAMA

Tiziana Dorigo, BAMA

Peter Watmough, BAMA

Sally Tilbury, BAMA

Commercial and Planning Committee

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Air Quality Panel

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Dorota Keczmerska, GAC

Graham Lawrence, Akzo Nobel Paints

Hannah Eyres, Sanglier Ltd

Jake Stoddart, Sanglier Ltd

James Bell, kdc/one Swallowfield plc

Katrina Walker, Barony Universal

Liz Woolner, Unilever UK Ltd

Malcolm Large, Lindal Valve Company

Mark Nicmanis, Triple Line Technology

Michelle Gothard, Triple Line Technology

Nancy Katsouli, Procter & Gamble UK

Peter Shaw, Salvalco

Predrag Ozmo, Ball Aerosol

Saima Ashraf, Barony Universal

Scott Rudkin, Reckitt Benckiser

Tanja Vas, GAC

Tom Goldberg, Salvalco

Yasmine Anglade, Barony Universal

Industrial Panel

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Vice Chair

John McGhee, Barony Universal

Andrew Dodsworth, Unilever UK

Andy Dawson, Hydrokem

Andrew Slater, Turtle Wax

Michael Rimmer, Avon Engineered Rubber

Darren Moppett, Procter & Gamble

David Spilsbury, Spilsbury Consulting Services

Dianne Brickman, Sherwin Williams

Doug Raymond, Raymond Regulatory Resources

Emyr Evans, Hydrokem

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Karl Owen, Reabrook Ltd

Matthew O'Connor, BOC

Matthew Whitlock, No Climb Products Ltd

Paul Sullivan, DH Industries Ltd

Peter Arnold, Unilever UK

Peter Jewitt, Hydrokem

Rosa Dias, Precision Global

Regulatory Panel

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Vice Chair

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Ana Almeida, Colep

Andrew Davies, Trivium Packaging

Andrew Slater, Turtle Wax

Andrew Taylor, James Briggs

Andy Dawson, Hydrokem

Christine Mammah, SC Johnson

Doug Raymond, Raymond Regulatory Resources

Hannah Eyres, Sanglier Ltd

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Malcolm Large, Lindal Valve Company

Manon Pascal, Lindal Valve Company

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Peter Tune, Unilever UK

Phillip Clarkson, Rocol

Scott Rudkin, Reckitt Benckiser

Shelley Nelson, Sanglier Ltd

Sola Bramley, Quin Global

Timea Szuhanszki, Reckitt Benckiser

Yasmine Anglade, Barony Universal

Technical Panel

Chair

Peter Tune, Unilever UK

Vice Chair

Malcolm Large, Lindal Valve Company Ltd

Adam Pittendreigh, WD40 Company

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Alina Darragh, WD40 Company

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John Grant, Springfield Solutions

Keith Smith, Torus Group

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Lisa Tomlinson, Carlton Forest Group

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Peter Shaw, Salvalco

Richard Hitchman, Summit Europe cv

Rosa Dias, Precision Global

Sam Smith, Beiersdorf

Sandra Browne, Edgewell Personal Care

Sara Twells, GAC

Sophie Pugh, Church & Dwight UK Ltd

Timea Szuhanszki, Reckitt Benckiser

Sustainability Panel

Chair

Alina Darragh, WD40 Company

Vice Chair

Kinza Sutton, Plastipak

Adrian McCretton, kdc/one Swallowfield

Alastair Dyson, Reckitt Benckiser

Andrew Brooks, UL

Andrew Davies, Trivium Packaging

Charlotte Westley, Reckitt Benckiser

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Doug Raymond, Raymond Regulatory Resources

Hannah Eyres, Sanglier Ltd

Jake Stoddart, Sanglier Ltd

James Bell, kdc/one Swallowfield

Liz Woolner, Unilever UK Ltd

Lloyd Fowler, Quin Global

Mark Nicmanis, Triple Line Technology

Matthew Whitlock, No Climb Products Ltd

Merion Evans, Unilever UK Ltd

Michael Rimmer, Avon Engineered Rubber

Michela Rimano, Aptar Beauty & Home

Michelle Gothard, Triple Line Technology

Murdoch Crawford, Plastipak

Nick Green, WD40 Company

Oliver Jones, WD40 Company

Paul McConaghy, Grundon Waste Management

Predrag Ozmo, Ball Aerosol

Rosa Dias, Precision Global

Sandra Browne, Edgewell Personal Care

Sara Twells, GAC

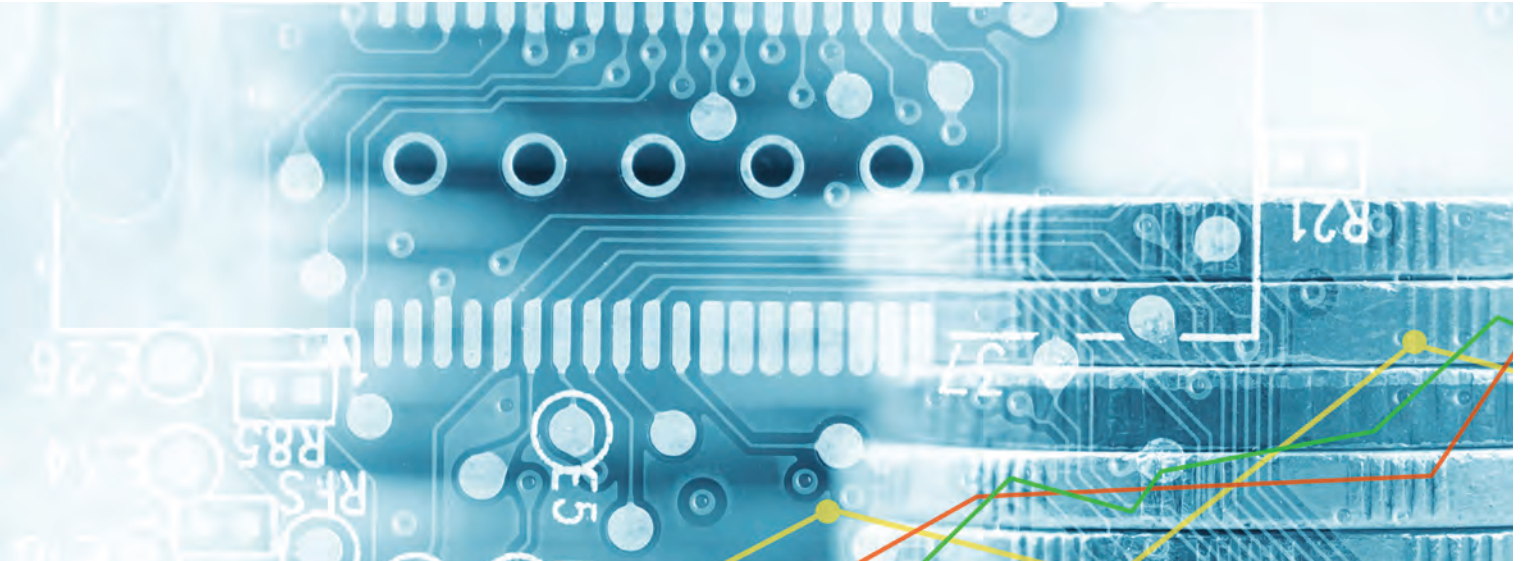
Sola Bramley, Quin Global

Tanja Vasiljevic, GAC

Victoria Romero, Procter & Gamble

Yasmine Anglade, Barony Universal





Financial Report and Statement

Financial Report and Statement

Directors' Report

The directors present their report and accounts for the year ended 31 December 2021.

Principal activities

The principal activity of the Association in the year under review was that of a trade association for the British aerosol industry.

Directors

The directors who held office during the year and up to the date of signature of the financial statements were as follows:

Mr A W Brealey (Resigned 13 October 2021)
Mr A M Mccretton
Mr M A Crawford
Dr A Darragh
Mr J C Galley
Mr A R Dyson
Mr D J Tropia (Resigned 16 April 2021)
Mr I A Davies (Resigned 16 April 2021)
Mr R Hitchman
Mr R Mitchell (Resigned 13 July 2021)
Mr N M A Bolton
Ms R Dias
Mr M A Rimmer
Ms M Evans (Appointed 1 May 2021)
Mrs K Minshull (Appointed 13 October 2021)
Mr J Clarke (Appointed 13 October 2021)

Small companies exemption

This report has been prepared in accordance with the provisions applicable to companies entitled to the small companies exemption.

By order of the Board.

Mr P R Heskins
Secretary

Mr A M Mccretton
Director

Accountants' Report

Chartered accountants' report to the board of directors on the preparation of the unaudited statutory financial statements of British Aerosol Manufacturers' Association for the year ended 31 December 2021

In order to assist you to fulfil your duties under the Companies Act 2006, we have prepared for your approval the financial statements of British Aerosol Manufacturers' Association for the year ended 31 December 2021 which comprise the income and expenditure account, the balance sheet and the related notes from the company's accounting records and from information and explanations you have given us.

As a practising member firm of the Institute of Chartered Accountants in England and Wales (ICAEW), we are subject to its ethical and other professional requirements which are detailed at www.icaew.com/regulation.

This report is made solely to the Board of Directors of British Aerosol Manufacturers' Association, as a body, in accordance with our terms of engagement. Our work has been undertaken solely to prepare for your approval the financial statements of British Aerosol Manufacturers' Association and state those matters that we have agreed to state to the Board of Directors of British Aerosol Manufacturers' Association, as a body, in this report in accordance with ICAEW Technical Release 07/16 AAF. To the fullest extent

permitted by law, we do not accept or assume responsibility to anyone other than British Aerosol Manufacturers' Association and its Board of Directors as a body, for our work or for this report.

It is your duty to ensure that British Aerosol Manufacturers' Association has kept adequate accounting records and to prepare statutory financial statements that give a true and fair view of the assets, liabilities, financial position and surplus of British Aerosol Manufacturers' Association. You consider that British Aerosol Manufacturers' Association is exempt from the statutory audit requirement for the year.

We have not been instructed to carry out an audit or a review of the financial statements of British Aerosol Manufacturers' Association. For this reason, we have not verified the accuracy or completeness of the accounting records or information and explanations you have given to us and we do not, therefore, express any opinion on the statutory financial statements.

Moore Northern Home Counties Limited
Chartered Accountants

First Floor, 73-75 High Street, Stevenage,
Hertfordshire SG1 3HR



Profit and Loss Account

For the year ended 31 December 2021

	2021	2020
	£	£
Turnover	706,752	698,704
Cost of sales	(153,977)	(154,467)
Gross surplus	552,775	544,237
Administrative expenses	(537,837)	(514,882)
Operating surplus	14,938	29,355
Interest receivable and similar income	(164)	1,046
Interest payable and similar expenses	(275)	(530)
Surplus before taxation	14,499	29,871
Tax on surplus	4,431	(12,314)
Surplus for the financial year	18,930	17,557

The income and expenditure account has been prepared on the basis that all operations are continuing operations.

Balance Sheet

For the year ended 31 December 2021

	Notes	2021 £	£	2020 £	£
Fixed assets					
Intangible assets	4		17,155		–
Tangible assets	5		188,943		191,794
			206,098		191,794
Current assets					
Debtors	6	34,087		42,888	
Cash at bank and in hand		723,726		766,164	
		757,813		809,052	
Creditors: amounts falling due within one year	7	(64,414)		(49,487)	
Net current assets			693,399		759,565
Total assets less current liabilities			899,497		951,359
Creditors: amounts falling due after more than one year	8		(57,614)		(126,132)
Provisions for liabilities			(2,653)		(4,927)
Net assets			839,230		820,300
Reserves					
Called up share capital	9		–		–
Income and expenditure account			839,230		820,300
Members' funds			839,230		820,300

For the financial year ended 31 December 2021 the company was entitled to exemption from audit under section 477 of the Companies Act 2006 relating to small companies.

The directors acknowledge their responsibilities for complying with the requirements of the Companies Act 2006 with respect to accounting records and the preparation of financial statements.

The members have not required the company to obtain an audit of its financial statements for the year in question in accordance with section 476.

These financial statements have been prepared in accordance with the provisions applicable to companies subject to the small companies regime.

The financial statements were approved by the Board of Directors and authorised for issue by:

Mr A M Mccretton
Director

Company Registration No. 01763228

Notes to the Financial Statements

For the year ended 31 December 2021

4 Intangible fixed assets

	Other £
Cost	
At 1 January 2021	–
Additions	18,271
At 31 December 2021	18,271
Amortisation and impairment	
At 1 January 2021	–
Amortisation charged for the year	1,116
At 31 December 2021	1,116
Carrying amount	
At 31 December 2021	17,155
At 31 December 2020	–

5 Tangible fixed assets

	Land and buildings £	Plant and machinery etc £	Total £
Cost			
At 1 January 2021	216,670	97,625	314,295
Additions	–	12,198	12,198
At 31 December 2021	216,670	109,823	326,493
Depreciation and impairment			
At 1 January 2021	39,000	83,501	122,501
Depreciation charged for the year	4,332	10,717	15,049
At 31 December 2021	43,332	94,218	137,550
Carrying amount			
At 31 December 2021	173,338	15,605	188,943
At 31 December 2020	177,670	14,124	191,794

6 Debtors

	2021	2020
	£	£
Amounts falling due within one year:		
Trade debtors	4,976	8,139
Corporation tax recoverable	8,011	–
Other debtors	14,990	19,342
Prepayments and accrued income	6,110	15,407
	34,087	42,888

7 Creditors: amounts falling due within one year

	2021	2020
	£	£
Obligations under finance leases	643	1,188
Trade creditors	14,169	32,323
Corporation tax	–	2,795
Other taxation and social security	11,765	8,590
Other creditors	34,127	919
Accruals and deferred income	3,710	3,672
	64,414	49,487

Net obligations under finance lease contracts are secured by fixed charges on the assets concerned.

8 Creditors: amounts falling due after more than one year

	2021	2020
	£	£
Other creditors	57,614	126,132

9 Members' liability

The company is limited by guarantee, not having a share capital and consequently the liability of members is limited, subject to an undertaking by each member to contribute to the net assets or liabilities of the company on winding up such amounts as may be required not exceeding £500.



Members

Members

Akzo Nobel Decorative Paints UK Ltd

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Overseas Associations

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