



Annual Report 2016

The FEA (Fédération Européenne des Aérosols or European Aerosol Federation) was founded in 1959. Today, the FEA represents 18 European countries which include more than 350 small and medium-sized enterprises (SMEs) and multinationals active in the aerosol industry. It has also close links with aerosol associations worldwide.

Our Vision & Mission

The FEA provides the leading expertise for the European aerosol industry and aims to be recognised as a centre of excellence. FEA functions as the European voice for the aerosol industry and as the European coordination office for its national aerosol associations in order to :

- improve the understanding of the European aerosol industry's point of view mainly towards the UN and EU Institutions
- collaborate with other business associations on an ad hoc basis
- develop the positive awareness of the European aerosol industry's values

Our Values

Within the aerosol industry, the FEA community works towards achieving sustainable economic growth by focusing on social and environmental responsibilities.

In practice this means :

- placing safe aerosol products on the market
- offering a unique, convenient and high performance product for everyday life
- constantly working towards technical and economic solutions to reduce the environmental footprint of aerosol products
- developing guidelines on industrial safety and promoting good industrial safety practices
- supporting safe and sustainable innovations by proactively proposing updated legal frame



Dr. Rolf Bayersdörfer
President

Is the time for a European Federation over?

Maybe a question that comes into mind of every manager when looking at their expenses sheet. Therefore let us elude from a President's and Secretary General's views on the value of FEA, the European Aerosol Federation.

We produced, in Europe more than 5.5 Billion aerosol products in 2015. If one does a rough calculation of 2 € per can, a quite impressive business value comes up.

There is a very close connection of product packaging, its formula and performance which makes aerosols unique and loved by the consumers.

Yes, aerosols are important products in our daily routine thanks to their unique characteristics.

Yet, they are quite demanding with respect to **consumer and product safety** as well as **production and logistic precautions**.

The European Aerosol Federation, along with all its members and the National Associations, are working continuously to make our life even more beautiful and convenient by ensuring the right technical **set-up for innovations**.

Innovations are the engine to maintain the growth momentum and to excel with respect to sustainability and consumer satisfaction.

How important are aerosols for your individual business ?

You will conclude by yourselves, but we all agree that it is our utmost interest to provide the right products into the market.

Hereto the FEA is of crucial importance to support in that intention. However, it only exists and will provide a perfect outcome, as in the past, if we work continuously and at the right **technical expertise level** within the organization and towards outside stakeholders.

As an industry, we are more and more focusing on fast earnings but risk to lose sight for the **mid to long-term action points**. In particular for a product category like aerosols, the profound technical knowledge is crucially important. In addition to that a strong network needs to be built and maintained with various stakeholders to develop trust in the organizations competence and mindset.

Taking it from a business perspective, as a matter of fact, the Association helps you to save money for your company. The following example exhibits this clearly. Assuming there are 500.000 different artworks on the market and each of them costs 1000 €, **the industry saved 500 Million Euros** because FEA successfully negotiated to have the timelines of the Aerosol Dispenser Directive (ADD) and the CLP Regulation aligned, where new warning declarations were implemented only once.

The ADD is by now a worldwide recognized standard to

ensure safety throughout the production of aerosols. Various regions and countries have made reference to it or implemented the same text for their guidance paper. Yes, it is our ambition to have **safe aerosol products all over the world**, which will be achieved and we are very confident about that if **we continue to work towards**.

Your contributions, whether personnel or financial, paves the way forward for the entire industry. SMEs as well as multinational companies have a voice and the complexity of the full supply chain requires that all parties are well represented to be representative in the way we develop future tasks.

We would like to pick two topics where currently a key focus is required.

The PAIR project aims to prepare the regulatory background for the **packaging and sustainability innovation of plastic aerosols**. Expertise and test data sharing are extremely relevant to develop a convincing legislative proposal that meets the high safety standards our industry is committed too.

In continuation of this vision and with respect to the **ongoing ADD evaluation**, the aerosol industry should build upon the long and fruitful cooperation with the European Commission and their consultants to provide **a solid ground for their decision making processes** about the future of the ADD.

All in all, we are very confident to say that the achievements thanks to the FEA and its members have been of high value building the base for a strong European and global aerosol business. **The very collaborative and successful spirit in FEA has evolved over the years and has reached an amazing level.** It will be our continuous commitment and objective to further improve and to guarantee the high quality standard we are in. However, there might be changes in the way we operate due to the erosion of accessible experts from the companies which may also require another cost discussion to start.

To conclude, there is a very tangible value of a very lean and agile organization like FEA, but it only continues to exist if all parties are committed to supporting the Association.

Having said this, we are extremely grateful for all the commitment and hard work the FEA office and all Working Groups and Committee Members have achieved.

I look forward to meeting you in person at one of the upcoming FEA events.

Dr. Rolf Bayersdörfer

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Alain D'haese

FEA Secretary General



Alain D'haese

Secretary General

Secretariat & Board of Directors

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Secretary General

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Mr Toni Giralte | AEDA (Spain)

Mr Gerhard Gribl | FCIO (Austria)

Mr King Kool | NAV (The Netherlands)

Mr Özgür Öztürk | ASAD (Turkey)

Co-opted Members

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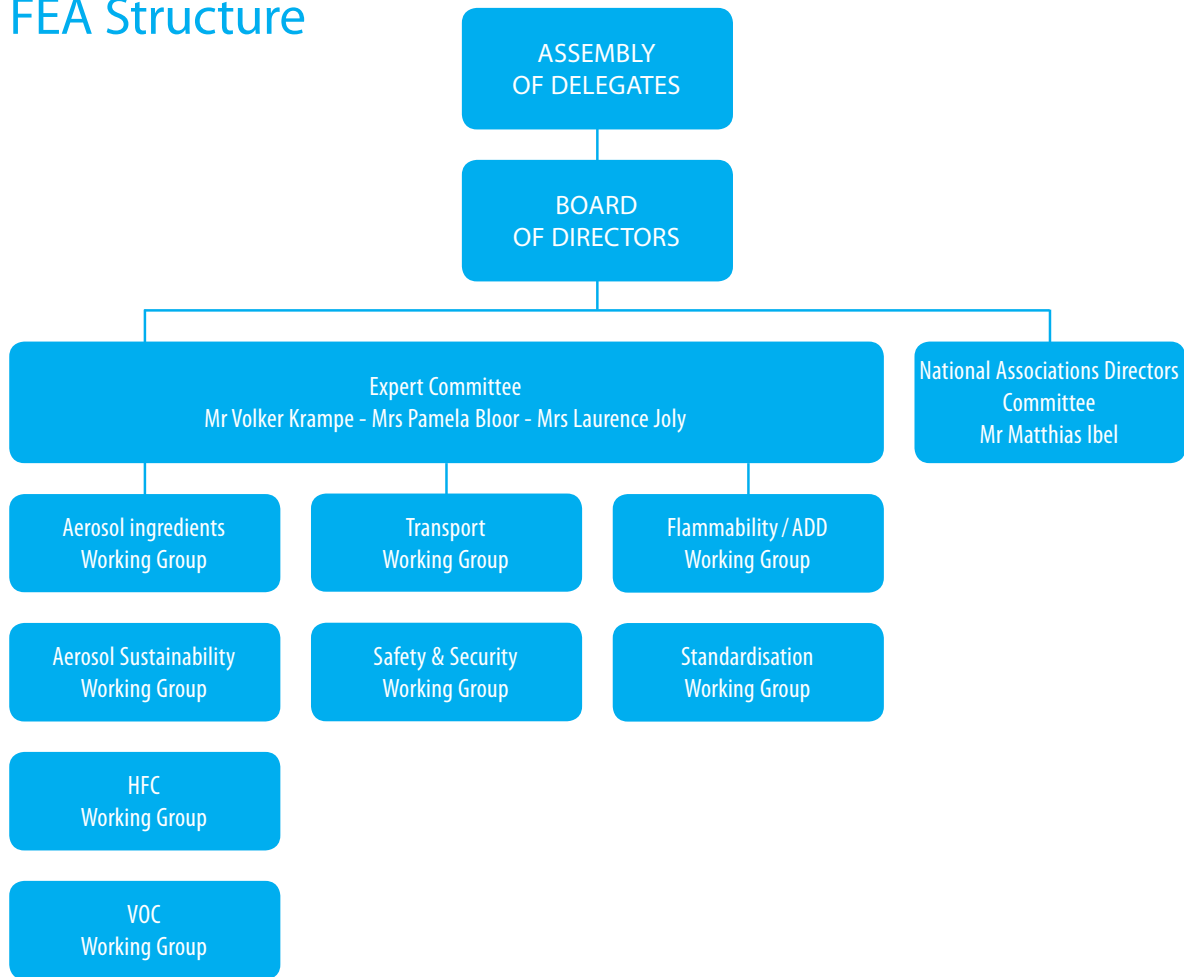
Mr Matthias Ibel | IGA (Germany)

Mrs Laurence Joly | CFA (France)

Mr Volker Krampe | IGA (Germany)



FEA Structure



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Matthias Ibel

Report from the
Committee of
National Association
Directors

The Committee of National Association Directors (CNAD) provides a very useful forum by sharing industry know-how and by pointing to best practice in other national associations. At the same time it fulfils its key task of coordinating the timely and focussed advocacy activities required to present our viewpoint successfully

While FEA's primary role is to interface with the European Commission, the role of the national associations is to represent the industry's views to the representatives of their national governments at Council level. Due to the way Europe works, it is vital that every Member State can be advocated locally. For the industry to be adequately represented it requires not only FEA as its representation in Brussels but a strong network of national associations to succeed. It is now 15 years that the Committee of National Association Directors was formed to not only coordinate these advocacy activities but to also support and learn best practice from each other.

In 2015/2016 CNAD members worked again on several issues facing the aerosol industry. Advocacy activities in particular were related to the continued discussions on necessary adaptations to technical progress of the Aerosol Dispensers Directive (ADD) and on the ADD evaluation project. As the ADD provides the essential legal base for our industry, the latter topic is of course of particular importance. Therefore CNAD members have thoroughly looked into the potential responses to this evaluation.

Further activities of the Committee covered a wide range of issues, from the discussion on minor linguistic variations of H- and P-statements at UN level, to the health classification of aerosols and to the question of potential quality requirements for physical hazard tests and standardisation. The regular

exchange on national issues and communication activities of national associations which also takes place in this Committee is very beneficial for the whole FEA network and helps secure our industry's licence to operate.

After almost 12 years fully dedicated to the aerosol industry, Henri-Marc de Montalembert retired on 1 March 2016. Henri-Marc has very actively supported the work of the CNAD in his capacity as Vice-Chairman and on behalf of the CNAD and FEA; I would like to warmly thank Henri-Marc for this hard work and contribution. His successor as the Director of CFA, Xavier Camidebach, was warmly welcomed by the CNAD colleagues. Due to Henri-Marc's retirement, a new Vice-Chairman of the CNAD had to be elected and I am pleased to report that Patrick Heskins, Chief Executive of BAMA, was elected at unanimity for this position – congratulations!

Matthias Ibel

Chairperson of the CNAD



Volker Krampe

Report from the Expert Committee

When the internal decision was made to merge the three FEA technical Committees into one larger Expert Committee it was not clear how successful this change would be. Three meetings of the Expert Committee later, this streamlined structure has demonstrated its advantages.



Another year has passed which means we can provide members with an overview of new and existing topics discussed by the Expert Committee.

It is a must for member companies as well as for an association like FEA to have a high priority on safety and security. In parallel to the normal workload within the Safety Working Group, a revised version of the “Basic Safety Guidelines in Aerosol Storage” was drafted and then adopted by the Expert Committee*. Thank you to all active members of the Working Group for sharing their expertise for the benefit of the whole aerosol industry.

It is also very important that the internal working procedures challenge on a regular basis the need for specific groups. The Aerosol Safety & Counterfeiting WG made great achievements but its task was considered accomplished. Therefore the group was disbanded.

Our industrial safety experts do still have the opinion that filled and commercially packed aerosols should benefit higher qualifying quantities under the Seveso III Directive 2012/18/EU. However, having now seen the first experiences with the implementation of the requirements in EU Member States, it appears unrealistic to achieve such a change. So the Expert Committee decided not to follow this route anymore.

In the field of the transport of dangerous goods, FEA was represented in all major regulatory meetings. Last year it was very important to secure that the UN decisions concerning the packing of aerosols – with respect to the possible movement of cans inside the package – were also adopted for the new 2017 versions of the model; Dangerous Goods Regulations RID (rail), ADR (road) and ADN (inland waterways).

* *The full guidance is available via FEA website www.aerosol.org*



Laurence Joly

Report from the Expert Committee

The European regulators followed the decisions made at the UN Sub-Committee of Experts on the Transport of Dangerous Goods completely. In addition a clarification was included in the definition of “aerosol or aerosol dispenser” to explicitly confirm that aerosols are articles and not inner packages.

Together with the Canadian Transport Expert, a clarification to section 31 of the Manual of Tests & Criteria was proposed and adopted at the last meeting in Geneva.

UK Postage company, Royal Mail, is still monitored by our British colleagues in regards to aerosols sent by post. The trial of aerosols sent has not highlighted any issues to date. This provides a chance to find solutions to this topic in other countries.

Concerning the UN Sub-Committee of Experts on the Global Harmonisation system of Classification and Labelling of Chemicals (GHS), the discussion on minor linguistic variations in hazard and precautionary statements which do not affect the obvious meaning of these statements has not been concluded yet. There is a wide acceptance for a need for such simplification. FEA stressed the special needs from the aerosol industry, where pre-printed cans are widely used. Every change in the wording of the hazard communication, which is purely editorial and not safety relevant, would lead to unnecessary extra cost.

For the Aerosol Dispensers Directive, both topics, the increase of the internal pressure at 50°C from 13.2 to 15 bar for aerosols using non-flammable compressed gases and the revision of the provisions for plastic aerosols, are still ongoing.

The adaptation to technical progress for the pressure increase should still be published in the Official Journal of the EU this

year. When released FEA would make a proposal at the UN for aligning the transport regulations.

For plastic aerosols, the PAIR project (Plastic Aerosols Independent Review) was successfully concluded. LNE in France was commissioned as the Independent Body. European Commission services and several Member States Competent Authorities were involved in a steering group. Companies within a data provider group shared a lot of relevant test data. We take this opportunity to warmly thank them all for their committed participation. DG GROW and Member States are now expected to start discussing a legislative proposal.

Finally I would like to thank the co-operative Committee members for their fruitful discussions and their input, based on deep expertise. Thanks also goes to the Board of Directors for their trust and support and to the FEA Secretariat for their excellent work. Nothing would be possible, if the companies wouldn't allow their experts to share their experience and knowledge for leading the whole aerosol industry. We are fully convinced that this is a good investment into the future of aerosols.

I would like to particularly thank Pamela Bloor who has now stepped down as Deputy Chairwoman.

Volker Krampe

Chairperson of the Expert Committee

Pamela Bloor

Deputy Chairwoman

Laurence Joly

Deputy Chairwoman



Pamela Bloor

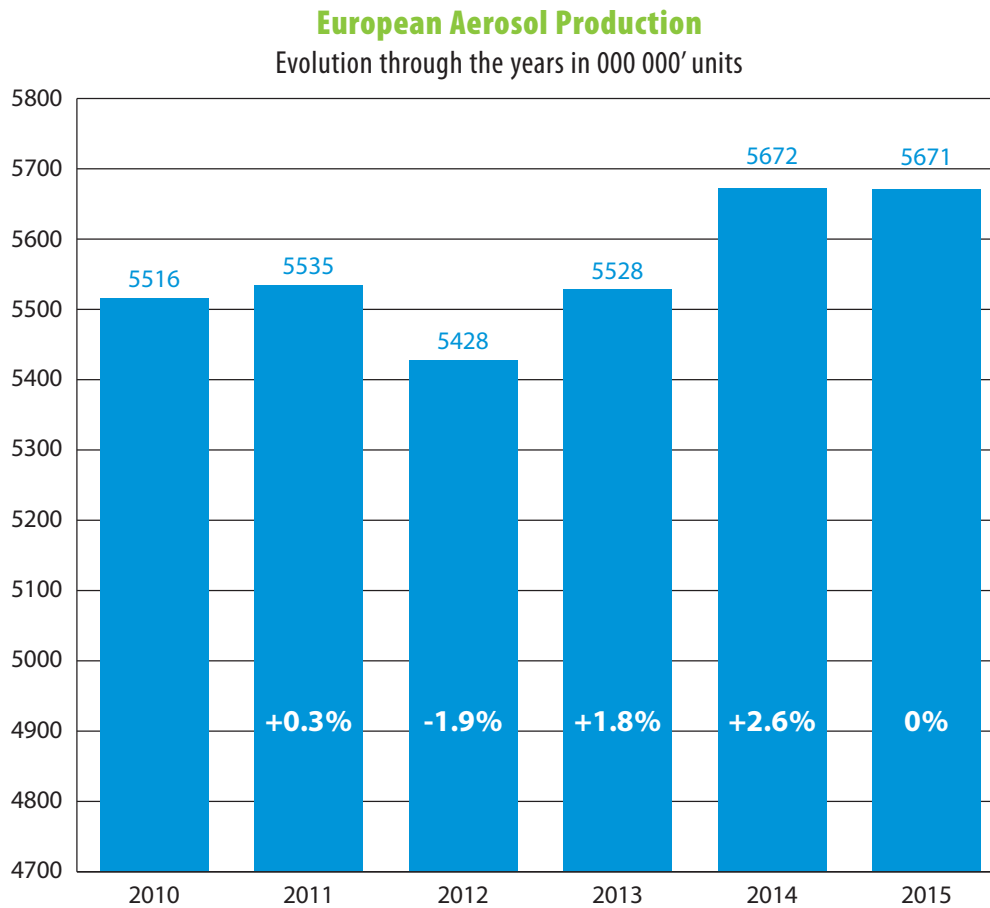
Report from the
Expert Committee

Facts & Figures

Aerosol containers are primarily made of steel and aluminium whereas glass and plastic containers remain marginal.

Cosmetics and household products represent approximately 80% of the European production.

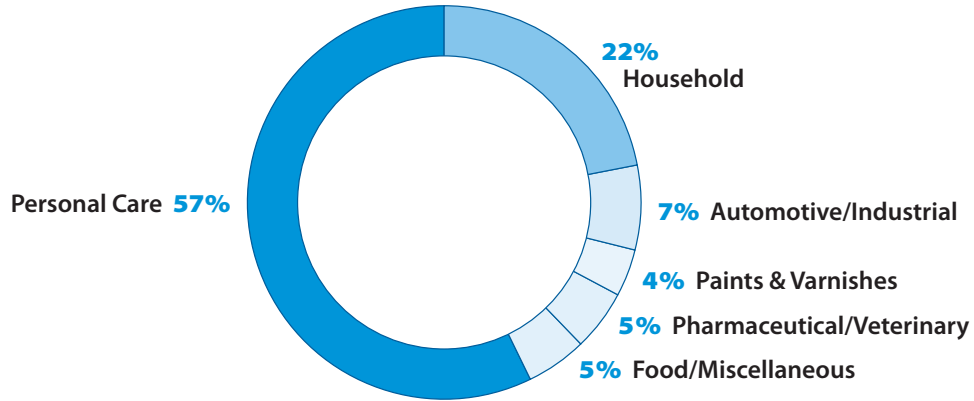
Aerosol product manufacturing in Europe remains to 5.65 billion units.



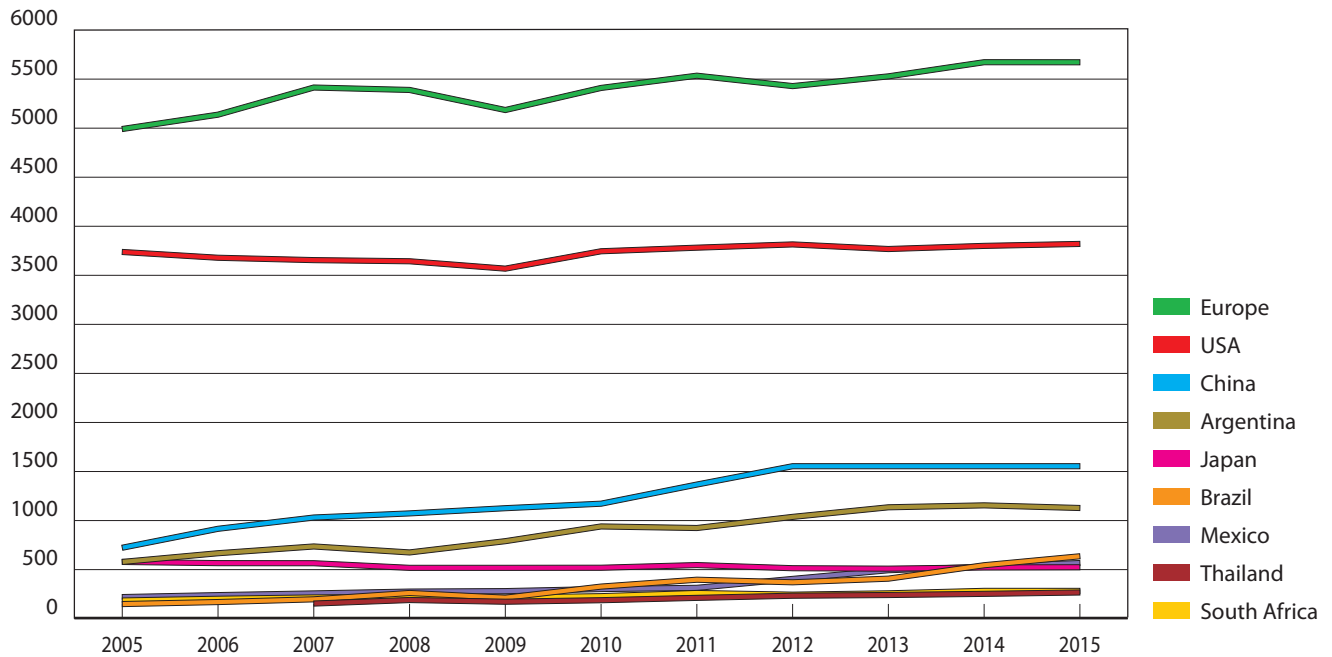
The full FEA statistics report 2015 can be downloaded free of charge on FEA website : www.aerosol.org

European Aerosol Production

2015 Products Breakdown



Worldwide production is today estimated at 15 billion units



Congresses & Exhibitions

Year	Venue	Congress	Exhibition
2018	Dusseldorf, Germany	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2016	Istanbul, Turkey	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2013	Madrid, Spain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2010	Rome, Italy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2007	Manchester, UK	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2005	Athens, Greece	<input checked="" type="checkbox"/>	
2003	Nice, France	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2001	Maastricht, Netherlands	<input checked="" type="checkbox"/>	
1999	Athens, Greece	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1997	Venice, Italy	<input checked="" type="checkbox"/>	
1995	Glasgow, Scotland	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1993	Seville, Spain	<input checked="" type="checkbox"/>	
1991	Hamburg, Germany	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1989	Nice, France	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1987	Amsterdam, Netherlands	<input checked="" type="checkbox"/>	
1985	Lugano, Switzerland	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1983	Firenze, Italy	<input checked="" type="checkbox"/>	

Year	Venue	Congress	Exhibition
1981	Barcelona, Spain	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1979	Nice, France	<input checked="" type="checkbox"/>	
1977	Brussels, Belgium	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1975	London, UK	<input checked="" type="checkbox"/>	
1973	Montreux, Switzerland	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1971	Amsterdam, Netherlands	<input checked="" type="checkbox"/>	
1969	Nice, France	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1968	Vienna, Austria		
1967	Berlin, Germany	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1966	Barcelona, Spain		
1965	Milan, Italy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1964	Helsinki, Finland		
1963	Brighton, UK	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1962	Barcelona, Spain		
1961	Luzern, Switzerland	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1960	Düsseldorf, Germany	<input checked="" type="checkbox"/>	
1959	Paris, France	<input checked="" type="checkbox"/>	

List of publications

Publications available on FEA website : www.aerosol.org

FEA Annual Report 2014	English	Free of charge
FEA Annual Report 2015	English	Free of charge
FEA Annual Report 2016	English	Free of charge
FEA 2013 Statistics Report		Free of charge
FEA 2014 Statistics Report		Free of charge
FEA 2015 Statistics Report		Free of charge
FEA Standards	English - French - German	Free of charge

FEA Guidelines

Guidelines on Basic Safety Requirements in Aerosol Manufacturing	English	100 €
Guidelines on Basic Safety Requirements in Aerosol Storage	English	100 €
Guidelines on Basic Safety Requirements in Laboratories dealing with Aerosols	English	100 €
Guide on Particle Size Measurement	English	100 €
Guide on Hot Waterbath Testing and its Alternatives	English	100 €
Guide to using LCA	English	100 €
Guide on Inhalation Safety Assessment for Spray Products	English	100 €
Guide on Recycling Post-Consumer Aerosols	English	100 €

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