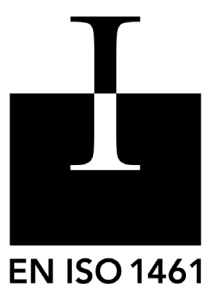




ANNUAL REPORT 2018/2019



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PRESIDENT'S MESSAGE

I am more than halfway through my term as President of EGGA and it has already been an incredibly busy time for the Association. The highlight has been the largest Intergalva event ever held – with 1000 participants from over 60 countries enjoying the conference, workshops, exhibition and some spectacular social events. They will all remember our impressive gala dinner at the Konzerthaus Berlin!

I must thank the staff of the Industrieverband Feuerverzinken who worked alongside the EGGA staff to deliver Intergalva 2018 for the industry. They did a great job.

The success of Intergalva has further strengthened our financial position and puts us in good shape to meet the challenges of regulations, standards and also to exploit opportunities for market growth. We have opened our Brussels office during 2018 and will now further expand our staff in line with our 'EGGA 2020' strategic plan. There are many ways in which working together at European level can strengthen our industry and ensure we can respond to opportunities and threats.

This annual report gives an insight into EGGA's activities and the work that is done by the staff and the National Associations at European level. This work is supported by many dedicated people from companies and national association staff that provide the 'energy' in our committees and the Board. My thanks to you all. Together we are stronger!



A handwritten signature in blue ink, appearing to read 'M. Kopf', written on a light blue grid background.

Martin Kopf
President, European General Galvanizers Association

MEMBERSHIP AND ORGANISATION

The European General Galvanizers Association is the federation of the national galvanizers associations within Europe. EGGA's 14 member associations represent the industry in 22 European countries that include over 600 general galvanizing plants.

- Fachverband Metalltechnische Industrie
- Zinkinfo Benelux
- Asociace českých a slovenských zinkoven
- Galvazinc
- Industrieverband Feuerverzinken
- Hellenic Galvanizing Association
- Hungarian Hot Dip Galvanizers Organization
- Associazione Italiana Zincatura
- Nordic Galvanizers
- Polskie Towarzystwo Cynkownicze
- Asociația Națională a Zincatorilor
- Asociación Técnica Española de Galvanización
- Genel Galvanizciler Derneği
- Galvanizers Association

The achievements set out in this Annual Report are the outcome of the collective actions of national association staff and committee members that support the work of the EGGA staff.

EGGA's Associate Members are suppliers of plant, equipment, process chemicals and other services to the industry. Through their worldwide networks, these companies also act as key partners in the organisation and promotion of the Intergalva series of events

- Rezinal nv
- C. H. Evensen Industriovner AS
- Scheffer Krantechnik GmbH
- Gimeco Impianti Srl
- W Pilling GmbH & Co KG
- Ingenia GmbH
- IMR Metal Powder Technologies GmbH
- Western Technologies (Europe) Ltd
- Koerner Chemieanlagenbau GmbH
- Hasco-Thermic Ltd
- Everzinc
- Metalsider2

Governance

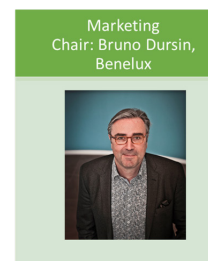
EGGA's Board of Directors is elected from the nominated representatives of its National Association members. The Board of Directors is chaired by the EGGA President who is normally elected for a 3-year term.

EGGA's Board of Directors (as at April 2019):

M Kopf (Austria) – President
J F Woolridge (UK & Ireland) – Vice President
A Zedet (France) – Vice President
G de Kwaasteniet (Benelux)
L-G Tylebrink (Nordic Countries)
P Niederstein (Germany)
C Garcia De Lucas (Spain)
M Lesay (Czech/Slovak Republics)
C Ricciolino (Italy)
E Byrne (UK & Ireland)

EGGA Committees

EGGA operates 3 functional committees of industry representatives nominated by National Associations.



Recent meetings of the committees and Board of Directors were held on 11/12 April 2018 (Prague); 21/22 November 2018 (Rome) and 10/11 April 2019 (Stockholm).

Much of EGGA's work is delivered by specific working groups set up by committees and dedicated to particular topics. In 2018/2019, the following working groups have been active:

- Standards Working Group
- BREF Revision Working Group
- Galvanized Rebar Focus Group
- ZM Steels Working Group
- Steel Reactivity Working Group

EGGA Staff

Murray Cook - Executive Director

Kimberley Warner - Manager – Events & Communications

Vasile Rus - Technical Executive

EGGA is currently recruiting for the position of Market Development Executive, based at the Brussels office.



Intergalva 2018 was organised by the European General Galvanizers Association and hosted by the Industrieverband Feuerverzinken.

Over 700 conference delegates and 300 exhibitors and other participants from 60 countries made Intergalva 2018 the most extensive gathering ever held for the batch hot dip galvanizing industry. The conference and exhibition were held in Berlin from 17-22 June and demonstrated the importance of the sector in protecting steel structures and components worldwide.

The conference highlighted innovative and sustainable solutions in the galvanizing process and new applications for bridges, façade systems, concrete reinforcement, solar energy and other uses.

The creative use of galvanizing in architecture and construction was rewarded during the Global Galvanizing Awards that are an integral part of Intergalva. The awards were organised by EGGA and sponsored by the International Zinc Association. Advances in process technology and efficiency were also explored in a series of 12 workshops.

The exhibition was the largest held for suppliers of plant, equipment and services to the industry – with 65 exhibiting companies and over 4000m² of space. Nearly half of all delegates chose to visit galvanizing plants across Germany as part of their Intergalva experience.

The Intergalva 2018 dinner was held in the impressive setting of the Berlin Konzerthaus and was proudly sponsored by the galvanizing companies within the Board of the Industrieverband Feuerverzinken (Zinkpower, Seppeler, The Coatinc Company, Feuerverzinkerei Meyer, Otto Lehmann, Verzinkerei Dortmund).



The conference papers from Intergalva 2018 are currently being edited and will be published as the Edited Proceedings of the 25th International Galvanizing Conference.

Intergalva 2021 will be held in Verona, Italy in June 2021.



PARTNERSHIPS AND LIAISONS

EGGA maximises its impact by working very closely with other associations and organisations – in particular those related to construction products, steel or zinc.

We can often have a stronger voice when working with other organisations to develop common positions.

Partner	Current Activity Link
CEN ISO	<ul style="list-style-type: none"> Standardisation for steel products, galvanizing, corrosion, sustainability assessment and CE marking
International Zinc Association	<ul style="list-style-type: none"> Zinc environmental issues Interface with Eurometaux LCA and Sustainability
ILZSG	<ul style="list-style-type: none"> Statistical studies for zinc
European Convention for Constructional Steelwork (ECCS)	<ul style="list-style-type: none"> Steel fabrication standards Sustainability
European Steel Producers Association (Eurofer)	<ul style="list-style-type: none"> BREF Revision Regulatory issues for steel products and coatings
World Steel Association	<ul style="list-style-type: none"> Sustainability Marketing
Metal for Buildings Alliance	<ul style="list-style-type: none"> LCA and Sustainability for metals used in construction
Construction Products Europe	<ul style="list-style-type: none"> Regulatory issues for the internal market in construction projects

Global Dialogue

EGGA maintains an ongoing dialogue on topics of common interest with other galvanizing industry associations – in particular with American Galvanizers Association, Galvanizers Association of Australia, Japan Galvanizers Association, ICZ Brazil and the Hot Dip Galvanizers Association of Southern Africa.



EGGA hosted a meeting of the worldwide galvanizers associations on 17 June 2018 in Berlin.

Working with Steel Industry

EGGA's membership of the European Convention for Constructional Steelwork (ECCS) provides important connections to the industry's customers and ensures EGGA is aware of new developments in the sector. EGGA is a regular participant to five ECCS Technical Committees:

ECCS TC3 – 'Fire Safety'

ECCS TC4 – 'Surface Protection'

ECCS TC9 'Manufacturing and erection standards'

ECCS TC14 'Sustainability and Eco-efficiency of Steel Construction'

ECCS TC16 'Wind Energy Supporting Structures'

EGGA has actively participated in discussions, led by Worldsteel, to stimulate improved market development activities for steel construction in Europe. These discussions have led to improved collaboration between Worldsteel, ECCS and national steel promotion organisations. There are important efforts to simplify the design rules for steel construction and improve standards of steel fabrication – which are important objectives consistent with EGGA's own strategy.

Political

Contacts with a cross-party group of MEPs that know and understand the galvanizing industry continue to be maintained. These contacts will be renewed following the outcomes of the 2019 European elections.



A large delegation of industry representatives participated in a visit to European Parliament and Lunch with MEPs, organised by EGGA and the International Zinc Association.

Collaboration with other European industry associations to lobby for an ambitious industrial strategy for Europe has focused on calls for greater recognition of the importance of manufacturing to the EU economy. This multi-sector initiative is led by UNIFE (the European rail industry association) and EGGA has been an active supporter, including engagement of EGGA national associations in national lobbying towards MEPs. The outcomes of these efforts will hopefully be seen in the priorities set by the new European Commission later in 2019.

EGGA and other associations met Kadri Simson, Estonian Minister - Economic Affairs & Chair EU COMP Council



COMMUNICATIONS

EGGA Assembly 2017 – Prague

Over 200 delegates from 31 countries attended EGGA Assembly 2017 in Prague, 13-15 June 2017 to hear the latest developments in Europe's batch hot dip galvanizing industry. The event was held in conjunction with the Czech and Slovak national association (ACSZ) and delegates visited galvanizing plants operated by ACSZ members.



Conference sessions covered market applications, process technology, regulatory issues and commercial aspects of the industry. Panel discussions examined (i) new opportunities to exploit the fire resistance of galvanized steel and (ii) competition with continuously zinc-coated steels.



EGGA Extranet and Internal Communications

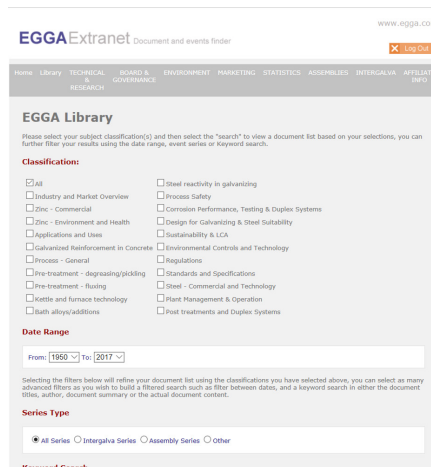
EGGA's Extranet is regularly updated to provide an archive of all committee and working group activities and documents. Access is controlled by National Associations who nominate participants to the EGGA committees and information system.

Regular email communications within committees ensure that committee members are kept informed on the progress of EGGA activities and projects.

A series of email "Activity Updates" have recently been introduced - to improve speed of reporting on the growing number of EGGA activities.

EGGA E-Library

The EGGA library provides a searchable database of all Intergalva and EGGA Assembly papers that have been published since 1950! Individual papers can be downloaded in PDF format. Access is available to EGGA Extranet users and can also be set for wider access by members of National Associations.



EGGA Web Sites

www.egga.com explains EGGA's role and provides information on activities to external stakeholders. The site is not intended to provide detailed technical and promotional information on galvanizing – instead there are clear links to National Associations for that purpose.

The site has recently been updated with a new "Sustainability" section. A separate site - www.intergalva.com is maintained for Intergalva events and for the Global Galvanizing Awards.



MARKETING

EGGA's Marketing Committee provides a platform for exchange of ideas and initiatives between National Associations. There are also specific market segments and opportunities where working together at European level increases effectiveness of the industry marketing activity.

In 2018/2019, the EGGA Marketing Committee has prioritised three specific market segments of common interest to National Associations:

- Bridges
- Galvanized reinforcement for concrete
- Facades

Analysis of market threats and coordination of responses to these threats is another important function of the Marketing Committee.

It is also worth noting that much of EGGA's activity in technical standards and environmental issues have important supporting functions to the industry market development effort.

Bridges

New initiatives towards galvanizing of medium-span steel bridges in Germany has created renewed interest in a market that has, until now, been under-exploited by the galvanizing industry. A new focus on sustainability of steel bridges has also placed a favourable emphasis on galvanizing. Most National Associations are now exploring these opportunities and EGGA is providing a forum for exchange of experiences and to find common messages on important technical design issues.

New information on galvanized steel bridges formed an important part of the Intergalva 2018 speaker programme – to provide fresh source of promotional information.



EGGA Booth at the 9th International Symposium on Steel Bridges

EGGA exhibited at the 9th International Symposium in Steel Bridges held in Prague, September 2018 to raise awareness of galvanizing with steel bridge designers. M Cook delivered a paper in conjunction with JGA on the long-term experience with galvanized steel bridges in Japan and other countries.

EGGA has also encouraged ECCS to place more emphasis on durability within their bi-annual European Steel Bridge Awards and we were delighted that a fully-galvanized steel footbridge was awarded a prize in their 2018 awards.



'The Jungle Bridge' near Oslo - a hot dip galvanized footbridge.

Galvanized Reinforcement for Concrete

The market development effort for galvanized rebar in Europe has been focused on development of a CEN standard for galvanized rebar. After many years of work, EN 10348-2 was published in December 2018.

An EGGA Galvanized Rebar Focus Group has been formed and held a workshop in July 2018 to review the various technical challenges to market acceptance and to prioritise applications within the concrete market where the best opportunities exist. This has stimulated a number of new activities at national level and work will continue during 2019.

Concrete construction practices and cements in Europe differ from those in other parts of the world, so direct transposition of positive developments in, for example, North America cannot be made without consideration of the specifics of the European market.

Information on case history examples in Europe is also being updated and special attention has been given to the St Nazaire bridge in France where small sections of the bridge has used galvanized rebar. A detailed investigation is scheduled with the bridge owners during 2019. This study could show that whilst the main bridge structure suffers severe corrosion problems, the small sections with galvanized rebar are in good condition.

EGGA has joined a Fédération Internationale du Béton (FIB) Model Code 2020 project that will set new international design rules for durability of concrete structures. There are opportunities to include galvanized rebar within FIB's probabilistic models for durability of concrete structures if, for example, sufficient data on chloride thresholds can be identified. This FIB Model Code has input to the Eurocodes for concrete structures.

Global Galvanizing Awards



Right to left are Matthew Wells (Techniker, UK, representing the judges) and the successful architects - Aaron Poupard (ARM Architects, Australia); Caroline Nagel (COBE Architects, Denmark); Katja Pfeiffer and Oliver Sachse (Pfeiffer-Sachse Architekten, Germany) and Rueben Molendijk (Cepezed, Netherlands) at the Global Galvanizing Awards Ceremony held during Intergalva 2018.

The Global Galvanizing Awards 2018 were a great success – providing excellent PR opportunities and building on our database of prestigious examples of the use of galvanized steel. The winning and shortlisted projects are displayed at intergalva.com and have been used in links to National Association web pages.



Some National Associations have translated the Awards booklet into other languages or ordered additional copies for national promotion.

The winning project – The Silo, Copenhagen – was a perfect fit with EGGA's focus on facades. A delegation of the EGGA Marketing Committee visited the project in September 2018 and met with the architectural team at COBE Architects. Agreement was reached to publish a special architectural book describing the project and its use of galvanizing. The book will be distributed to architects across Europe through National Associations and is due for publication in mid-2019.



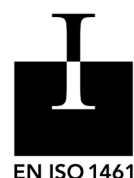
Sustainability

Work has started on a new booklet on galvanizing and sustainability – with particular focus on the concepts of circular economy. Alongside this work, EGGA keeps a close watch on developments in the field of sustainable building and the various sustainability assessment systems that operate at national level. These systems can have important market impacts.

Symbol for Batch Galvanizing

Confusion with other types of zinc coatings has long been a problem for batch galvanizing. The need for a clear symbol to represent batch galvanizing was identified by the EGGA Marketing Committee as a simple action that could be taken to help address this problem.

Since its adoption in 2017, the symbol has been used by Associations in generic marketing and to provide a common identity within those communications. Intergalva 2018 gave an opportunity to highlight the symbol to our worldwide colleagues and there has been much interest in using the symbol in other regions of the world.



Competitive Threats

The EGGA Marketing Committee continues to coordinate reactions to the misleading communications from companies that promote zinc-aluminium-magnesium coatings on steel sheet as alternatives to batch galvanizing. EGGA staff have prepared detailed reviews of corrosion performance data as it becomes available and have confronted misinformation when it appears in the market.

Discussions have also been held with a supplier of zinc-based paints that has, in the past, communicated incorrect and adverse information about batch galvanizing when promoting its own products. Constructive discussions with the company resulted in withdrawal of much of the promotional material and content that was of concern to National Associations.

Market Statistics

Statistical information is collated by EGGA, in conjunction with National Associations, covering the market and the status of the industry at European-level. This information is important when measuring market trends and for communicating the importance of the industry.

TECHNICAL AND RESEARCH

EGGA's technical and research activities play an important supporting role to the industry's market development work. In particular, attention to standards for steel products is an important part of our technical programme.

CEN Liaison

EGGA is formal liaison member of CEN and is an active contributor to, or monitoring, a growing number of CEN committees, including:

TC53 *'Temporary Works Equipment'*

TC135 *'Execution of steel structures and aluminium structures'*

TC135/WG2 *'Technical requirements for the execution of steel structures'*

TC135/WG 15 *'EN 1090-1, Requirements for conformity assessment of structural components'*

TC135/WG 17 *'Product category rules complementary to EN 15804 for Steel and Aluminium structural products and other metal products for use in construction works.'*

TC139/WG8 *'Powder organic coatings for hot-dip galvanized steel products'*

TC165 *'Waste water engineering'*

TC186 *'Industrial thermoprocessing equipment - Particular safety requirements for hot dip galvanising thermoprocessing equipment'*

TC226 *'Road equipment'*

TC250 *'Structural Eurocodes'*

TC250/SC3 *'Eurocode 3 – Design of Steel Structures'*

TC262/WG2 *'Hot dip galvanized coatings'*

TC351 *'Construction Products – Assessment of release of dangerous substances'*

TC459/SC3 *'Structural steels other than reinforcements'*

TC459/SC4 *'Concrete reinforcing and pre-stressing steels'*

TC459/SC3/WG2 *'Galvanized reinforcing steels'*

TC106 *'Wire rod and wires'*

EGGA has also monitored and influenced a number of other standards where we are not directly represented in committees, including the revision of the ISO 12944 series of standards for paint coatings, including paint coatings on galvanized steel.

Steel Reactivity

Reports of increased difficulties with both (i) non-reactive steels leading to lower than expected coating thicknesses and (ii) unpredictably reactive steels during galvanizing were brought the attention of the Technical and Research Committee and a special workshop was held on this subject in July 2018 – leading to improved perspectives on these problems.

Fire Resistance

EGGA identified the possibility to achieve moderate levels of fire resistance through studies at TU Prague and Tampere University in 2012. Recognition that galvanizing of structural steelwork can have a positive effect on fire resistance has attracted interest from steel construction industry and new studies in Germany, Czech Republic and France have established sufficient weight of evidence for a quantitative approach to allow calculation of these benefits in fire engineering.

EGGA organised a research 'summit' and other interactions for all the main researchers involved in this subject – with the result that a new emissivity value for galvanized steel is proposed for inclusion in Eurocode 3 and Eurocode 4.

EGGA is supporting the progress of this amendment through the relevant CEN and ECCS committees towards publication of the new Eurocodes. Support is also being given to National Associations that want to introduce these concepts into fire engineering in advance of the revised Eurocode publication.

A joint paper, bringing the key points from all these research groups together, was presented to the ECCS Corrosion and Steel Protection Conference (CASP19) held in Istanbul in May 2019.



EGGA has been facilitating dialogue between research groups from Germany, Czech Republic, Finland and France who have been studying the beneficial effects of galvanizing on the fire resistance of steel sections. This facilitation included a workshop held at TU Munich that resulted in agreed proposals for new approaches to fire design when using galvanized steel.

Galvanized Reinforcement Standards

After nearly 10 years of development, EN10348-2 'Steel for the reinforcement of concrete-Galvanized reinforcing steel-Part 2: Galvanized reinforcing steel products' was published in December 2018. EGGA has been highly influential in bringing this standard to publication despite a number of administrative and technical challenges. The existence of a CEN standard for galvanized rebar is an important platform for a new promotional initiative for this market segment. EGGA also monitors technical issues related to galvanized rebar that are of importance to marketing activities.



Steel Design and Fabrication Standards

The introduction of CE-marking, by steel fabricators, of steel structures to EN 1090-1 placed a new importance for the galvanizing industry to engage in the development of standards for steel construction.

EGGA plays a very active role in the CEN/TC135 and its working groups to ensure that the position of galvanizing is suitably represented and the boundary between compliance with galvanizing standards and steel fabrication standards is well-defined in the ongoing revision of EN 1090-1.

In 2018, a revised EN 1090-2 was published. The new version includes some significant improvements related to galvanizing that were introduced by EGGA.

In addition to the relevant CEN committees, EGGA also participates to various ECCS committees that contribute to development of standards and codes for steel construction.

The EGGA Technical and Research Committee has also provided a useful exchange of approaches to the industry's response to some of the confusions around CE marking of steel products and its implications for galvanizing – including an important agreement to avoid use of erroneous certifications of galvanizing operations 'to EN 1090-1' in the market.

ISO and International Galvanizing Standards

EGGA operates the secretariat of ISO/TC107/SC4 'Hot dip coatings (galvanized, etc)' and has provided extensive support for the revision of EN ISO 14713-2 'Zinc coatings — Guidelines and recommendations for the protection against corrosion of iron and steel in structures — Part 2: Hot dip galvanizing'. This revision includes significant improvements to the information on design of steel articles to be galvanized.

Through EGGA's role in ISO/TC107/SC4, a number of important connections are made to other ISO standards committees of importance to the galvanizing industry.

ISO Corrosion Standards

EGGA is monitoring the activities of ISO/TC156 'Corrosion of metals and alloys'. The corrosion rates for zinc that are cited in the standards controlled by this committee are important for the marketing of galvanized steel. The committee also publishes standards for accelerated corrosion tests and EGGA ensures these standards do not imply that they predict or compare long-term performance of metallic coatings.

To support this work, EGGA now attends the ICP Materials Programme meetings where international corrosion scientists establish the scientific basis for corrosion data for metals, including zinc. Vasile Rus has attended meetings in Zagreb and Paris in 2018 and 2019, respectively. This participation keeps EGGA at the forefront of knowledge on zinc corrosion rates across the world.



ICP Materials Meeting took place in Paris 24-26 April 2019 to review atmospheric corrosion data for various materials including zinc.

ENVIRONMENT AND SAFETY

Revision of the EU BREF for Ferrous Metal Processing

The Best Available Technique Reference Note (BREF) for Ferrous Metal Processing is being revised by the European IPPC Bureau. The revision started in 2016 and is expected to conclude by the end of 2020. The revised BREF and its conclusions will have a direct influence on national permit conditions for galvanizing plants. EGGA has been deeply involved in the data collection phases of the revision process during 2017/18 – providing guidance to the EIPPCB to help simplify the questionnaire process and to solve errors and misunderstandings during the initial analysis of the data.

EGGA's nominated experts are active in the EIPPCB Technical Working Group along with national regulatory agencies. EGGA's positions are analysed and agreed in a 'BREF Revision Working Group'. A small EGGA team participated to the EIPPCB Data Workshop in January 2019 where the first results of the data collection phase were reviewed. In preparation for this workshop, extensive checking of the data submitted by 87 galvanizing plants was done by EGGA and the National Associations. EGGA's consultants also prepared a shadow analysis of the data in order to highlight anomalies and issues of concern.

A first draft revised BREF was issued in March 2019 and is now under review by EGGA. It is already clear that significant industry input will be required before a satisfactory BREF can be published.

EGGA attended an important 'data workshop' hosted by EIPPCB at the EC JRC office in Sevilla, Spain, 23-24 January 2019. Revision of the BREF currently dominates EGGA's environmental programme.



Zinc and Water Regulation

EGGA works closely with the International Zinc Association, to monitor and respond to regulatory issues related to zinc levels in water.

The main focus of this work is the EU Water Framework Directive and the possible addition of zinc to the directive's 'priority list'. This work has taken a lower profile during 2018/19 whilst the future of the Water Framework directive is reviewed by the European Commission. However, zinc remains a subject of discussion amongst some Member States and it is likely that these issues will return to EGGA's workplan before the end of 2019.

Some local anti-zinc issues have been monitored and support provided to respond to recommendations against use of zinc in building products in certain cities in Sweden and Denmark. EGGA works closely with Nordic Galvanizers, IZA and the wrought zinc (roof and gutter) sector on these issues.

Environmental Aspects of the EU Construction Products Regulation

In collaboration with the Metals for Buildings alliance, EGGA is actively engaged in the work of CEN/TC350 'Environmental performance of buildings'. This work is especially important for the ongoing amendment of EN 15804 – the standard for EPDs for construction products where the proposed inclusion of additional impact indicators, that are known to be unreliable, could adversely affect galvanized products. This is a key market issue for EGGA.

EGGA is also leading metals industry input to the work of CEN/TC351 which is developing important rules for declaring environmental performance of construction products related to their content of chemical substances.

LCA Methodology and EU Product Environmental Footprint

EGGA closely follows methodological developments in environmental life cycle assessment (LCA) to ensure that (i) the benefits of the simplicity, recyclability and durability of galvanized coatings can be quantified and (ii) inappropriate methodologies do not damage the position of galvanized steel. EGGA's work in this area has formed the basis for the use of EPDs in marketing work and EGGA has developed considerable expertise in the field.

REACH and Substance Regulations

EGGA has closely followed the recent EC human health classification of lead metal. Working closely with the zinc recycling industry, EGGA has encouraged the development of a bioelution testing approach to zinc alloys containing small amounts of lead that would otherwise result in classification (and control) of remelt alloys used in the galvanizing industry. A careful assessment of REACH and related interpretations has ensured that the galvanizing industry is appropriately informed of the timing and implications of the classification of lead. Further steps towards an authorisation of lead metal under REACH is also being closely monitored by EGGA.

The use of recycled zinc in the galvanizing industry is an important aspect of the sustainability profile of the industry. EGGA continues to respond to regulatory barriers to that recycling loop – in particular the WEEE/ROHS directives that would severely limit the presence of lead in a galvanized coating without the exemption that allows a higher lead concentration in certain steel products, including galvanized steel. EGGA worked as a project leader within a consortium of the electrical industry, to renew this exemption which was published in the Official Journal of the European Union in mid-2018. The exemption will expire in January 2021 and a further renewal is currently being sought.

EGGA continues to monitor developments in Germany where proposed lower workplace exposure limits for zinc oxide may be brought to European-level and would present difficulties for galvanizing operations.

EGGA DIARY

Currently agreed EGGA meetings and events are listed below. Participation in certain meetings is restricted to committee and Board members.

The EGGA Diary is regularly updated and can be viewed on the EGGA website: www.egga.com/diary

2019		
20 November	EGGA Environmental and Safety Committee	Madrid
20 November	EGGA Technical and Research Committee	Madrid
21 November	EGGA Marketing Committee	Madrid
21 November	EGGA Board Meeting	Madrid

2020		
22 April	EGGA Environmental and Safety Committee	Dublin
22 April	EGGA Technical and Research Committee	Dublin
23 April	EGGA Marketing Committee	Dublin
23 April	EGGA Board Meeting	Dublin
8-10 June	Assembly 2020	Salzburg
25 November	EGGA Environmental and Safety Committee	Verona
25 November	EGGA Technical and Research Committee	Verona
26 November	EGGA Marketing Committee	Verona
26 November	EGGA Board Meeting	Verona

2021		
June	Intergalva 2021	Verona

NATIONAL ASSOCIATIONS



Austria - Fachverband Metalltechnische Industrie

Wiedner Hauptstrasse 63
A 1045 Wien
Austria

www.fmfi.at



Italy - Associazione Italiana Zincatura

Via Luigi Lilio No 62
Cap 00142 Rome
Italy

www.aiz.it



Beneleux - Zinkinfo Benelux

Smederijstraat 2
4814 DB Breda
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www.zinkinfobenelux.com



Nordic Countries - Nordic Galvanizers

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Germany - Industrieverband Feuerverzinken

Mörsenbroicher Weg 200
40470 Düsseldorf
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www.feuververzinken.com



Spain - Asociación Técnica Española de Galvanización

P de la Castellana, 143 – 1ºA
28046 Madrid
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www.ateg.es



Greece - Hellenic Galvanizing Association

6klm ONR Thiva-Eleusis
32 200 P O Box 32
Greece



Turkey - Genel Galvanizciler Derneği

İçmeler Mah. Aydınlı Yolu Cad.
Kardelen Apt. No:10 K: 6 D: 24 Tuzla
Istanbul
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www.galder.org.tr



Hungary - Hungarian Hot Dip Galvanizers Association

2401 Dunaújváros, Pf. 237.
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U.K and Ireland - Galvanizers Association

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