

# Conference Programme

## Monday 10 June

**09:00: Registration and Exhibition Opens**

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**10:15: Welcome coffee**

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**11:00: Opening Remarks**

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### Opening

Norbert Beljaars (*President, EGGA-Galvanizing Europe*)

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### Welcoming Remarks

Rob Ikink (*Chairman, Zink Info Benelux*)

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**11:10: Session 1**

**Meeting the Decarbonisation Challenge – the Policy Framework**

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### KEYNOTES

Rene Branders (*President VBO-FEB*)

Michel Vermaerke (*Chairman, Advisory Board, Impact Finance Belgium*)

Olivier Vassart (*World Steel*)

Panel Debate Chaired by Norbert Beljaars

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**12:30: Keynote – Long-Term Supply of Zinc**

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Prof. Eric Pirard, *University of Liege*

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**13:00-14:00: Lunch / Exhibition**

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**14:00: Session 2**

**Decarbonising Furnace Heating**

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**Optimization of Energy Consumption in Hot Dip Galvanizing: Hybrid, Electric, Hydrogen Heating Systems and Carbon Credits**

Marco Bozzi & Johan Jongeneel (*GIMECO IMPIANTI s.r.l., Italy*)

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**A Review of Energy Storage Technologies and their Potential Applications in the Galvanizing Industry**

Xinyi Liu & Angela Curtis (*Hasco Thermic Ltd, UK*)

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**Electrical Furnaces and Hybrid Solutions for the Hot Dip Galvanizing Industry**

Nils Erik Faulhaber (*C. H. Evensen Industriovner AS, Norway*)

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**Discussion**

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**15:30-16:00: Coffee Break / Exhibition**

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**16:00: Session 3**

**Galvanizing in the Circular Economy**

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**KEYNOTE - Facilitating the Circular Economy: The Reuse of Steel in Dutch Highway Infrastructure**

Marjan Poortinga, *Senior Advisor Circular Economy, (Rijkswaterstaat – Ministry of Infrastructure and Water Management, The Netherlands)*

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**Eco-Galvanizing – A contribution for a sustainable process and future**

Bruno Santos & Alichandra Castro (*Eurogalva - Galvanização e Metalomecânica, S.A., Portugal*)

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**The recycling of the used steel structures and construction of the recycling system**

Toshihiko Morooka (*KOWA KOGYOSHO CO., LTD., Japan*)

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**Discussion**

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**17:30: Close of Session**

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**19:00-23:30: Welcome Party sponsored by Rezinal (Exhibition Hall). Includes full dinner, drinks and entertainment**

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## Tuesday 11 June

### 09:00: Session 4

#### Zinc – Our Healthy and Plentiful Raw Material

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##### IZA initiatives for zinc

*Dr Andrew Green (International Zinc Association)*

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##### The London Metal Exchange (LME) Zinc Contracts

*Christian Mildner (London Metal Exchange)*

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##### World zinc supply-demand for 2024

*Joao Jorge (International Lead Zinc Study Group)*

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##### Discussion

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### 10:30-11:00: Coffee Break / Exhibition

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### 11:00: Session 5

#### Meeting the Decarbonisation Challenge – Hydrogen, Electrification and Hybrid Furnace Solutions II

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##### Enhancing sustainability in galvanizing bath through efficiency heating system and hybrid solutions

*Paul-Gaëtan Bareel & Sezgin Erdinç (FIB BELGIUM sa, Belgium)*

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##### The prospect of hydrogen combustion application in the hot-dip galvanized industry under the goal of "carbon-neutral" in China

*Lan Tian & Rob White (Wedone Environment & Energy Technology (Shanghai) Co., Ltd, China)*

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##### The Dual Power Furnace

*Liubov Shaplyko (Sirio Srl, Italy)*

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##### Efficient burner systems for galvanizing furnaces

*Jens-Ole Jasper, (Jasper GmbH, Germany)*

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##### Discussion

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### 13:00-14:15: Lunch / Exhibition

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### 14:15: Session 6

#### Corrosion Technology & Kettle Monitoring

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##### Corrosivity of atmospheres and the resulting corrosion protection of galvanized steel - new insights

*Dr.-Ing. Gino Ebell (Bundesanstalt für Materialforschung und -prüfung (BAM), Germany)*

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##### Corrosion map of Australia re-imagined

*Peter Golding (Galvanizers Association of Australia)*

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##### Thermodynamics of galvanizing kettle wall corrosion profiling

*David Watkins (Zinco International Limited, UK)*

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##### Discussion

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### 15:30-16:00: Coffee Break / Exhibition

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### 16:00: Session 7

#### Galvanizing in Architecture & Global Galvanizing Awards

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##### 85 Social Dwellings in Cornellà

*José Toral (Peris + Toral Arquitectes, Spain)*

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##### Global Galvanizing Awards

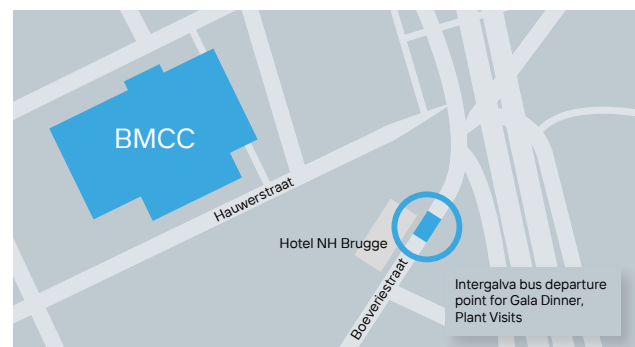
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### 17:15: Close of Session

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### 18.45: Buses depart for Gala Dinner (see bus departure map below)

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# Conference Programme

## Wednesday 12 June

### 09:00: Session 8

#### Improving Process Sustainability and Efficiency

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##### Optimizing Metallurgical Efficiency: The Power of Ball-Based Surface Treatment Technology

*Patrik Janko (Euro-Matic, Hungary)*

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##### Sustainability in the pre-treatment and post-treatment processes – a new approach for Net Zero emission and circular economy

*Björn Haupt & Jacek Sipa (Stockmeier Chemie GmbH & Co. KG, Stockmeier Chemia Sp. z o.o. i S.S.K., Germany/Poland)*

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##### ESG in the zinc supply chain and Actions for Decarbonization in Nexa

*Héctor Muñoz (Nexa Resources, Peru)*

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##### Discussion

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#### ANNOUNCEMENT: 13th Asia Pacific General Galvanizing Conference

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### 10:30-11:00: Coffee Break / Exhibition

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### 11:00: Session 9

#### Performance of Galvanized Steel & Global Perspectives

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##### Powder coating of galvanized steel: Degassing of substrates

*Gerd de Lathauwer (EUROLACKE Powdercoatings, Netherlands)*

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##### Analytical analysis of the fatigue behaviour of hot-dip galvanized steel

*Anna-Katharina Kraemer & Marcus Klein (Technische Universität Darmstadt, Germany)*

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##### Discussion

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##### KEYNOTE - Status and Progress of General Galvanizing Industry in China

*Zhang Qifu (China Iron and Steel Research Institute Group, China)*

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### 12:45-14:00: Lunch / Exhibition

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### 14:00: Session 10

#### Climate Resilient Concrete Infrastructure with Galvanized Reinforcement

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##### Durability of reinforced concrete structures utilizing galvanized steel bars under marine environment

*Naritake Matsuoka (Kagoshima University, Japan)*

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##### Hot-dip galvanized reinforcement for infra-lightweight concrete

*Patrick Düren-Rost (Industrieverband Feuerverzinken e.V., Germany)*

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##### Factors influencing bond strength of hot dip galvanized plain bars in normal strength concrete

*Veronika Steinerová (Czech Technical University in Prague, Czech Republic)*

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##### Discussion

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### 15:30: Announcement: Intergalva 2027 Closing Remarks

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### 15:45: Coffee / Exhibition

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### 18:00: Exhibition closes

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