

THERE'S NO WORLD WITHOUT WELDING



THE WELDING IS A UNIQUE AND
STRATEGIC TECHNOLOGY, FOR
CONSTRUCTION AND REPAIR

EWA
European Welding Association



INTRODUCTION

The European Welding Association (EWA) is an industrial association which comprises national associations and manufacturers of electric and flame welding equipment, welding and brazing consumables, equipment to ensure the health and safety of welders (fume extraction systems included) across Europe.

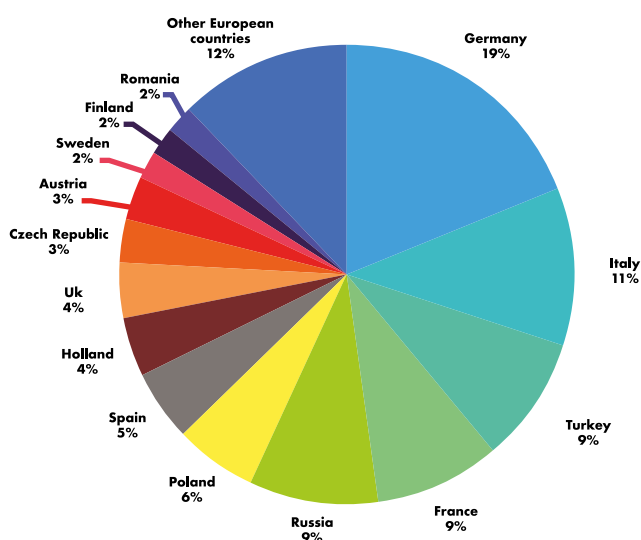
EWA was founded in 1958 and its official headquarters are located in Paris.

OBJECTIVES OF THE ASSOCIATION

The association focuses on the mutual technical and economic interests of the European welding industry and its customers by :

- Participating in the development and application of all relevant technical issues, standards, European directives, recommendations (from ECHA and REACH...) affecting the welding industry, in cooperation with trade organisations, EU authorities and all other relevant bodies.
- Publishing recommendations of the safe use of the welding
- Giving the position of the industry when necessary
- Gathering and analysing industry specific market and trends
- Promoting the welding industry, and the safe use of welding / cutting

REPARTITION OF THE EUROPEAN MARKET (arc welding equipment + welding consumables) in 2020



MEMBERS OF THE ASSOCIATION

Membership is open to :

- European national associations of manufacturers of Welding/brazing consumables, Electric arc welding equipment, cutting equipment, Flame equipment, equipment for assuring health and safety of the welders (including fume extraction systems), as well as products of related technologies
- European manufacturers of the above-mentioned products with a manufacturing facility in Europe and which already are members in the national welding association where its headquarters is based



WELDING

Welding is a technology for joining metals :

The welding processes combine the materials into what become a single work piece. Welding joins metals with metal using specialized metal fillers produced either as wire or as individual rods. The chemistry deployed in those wires and rods depends on the application or metal types to be joined. The main segment of construction uses welding and brazing as a unique and strategic technology.

Welding and brazing are used for the construction of :

- **Building and infrastructures** – metallic construction
- **Transport equipment :**
 - Train ○ Automotive ○ Ships ○ Aircraft
- **Energy**
 - Oil and gas processes ○ Pipelines and pipe mills
 - Power plants (hydraulic, gas, nuclear) ○ Windmills
- **Petrochemical and chemical industry**
- **Equipment for other industrial processes** such as food industry, storage, tanks, waste treatment...
- **Other mechanical equipment** such as earth moving equipment, agricultural equipment, military equipment, construction of various machines
- **Maintenance and repair** • **Hobby**

Dynamics and trends of the welding industry :

- Automation of the welding (and cutting) operations – Robotics applications
- Lack of skilled welders – need for more trained welders / and more training
- Construction of lighter structures with the use of higher-strength and lighter-weight materials, particularly steels and aluminum
- Demands of higher levels of reliability and higher-quality requirements
- Use of welding in the Developing countries with industrialization and rapid urbanization
- Improving safety for welders / process with less emission of fumes / personal protection / fumes extraction system
- Additive manufacturing
- Welding 4.0 / data collection and treatment to improve productivity, repeatability and quality
- Impact of European Directives on eco-Design and circular economy
- Acceleration of energy transition (energy, transportation, construction, manufacturing, heavy industry, agricultural sectors will be affected)
- Long term steel consumption in Europe

ORGANIZATION AND ACTIVITIES

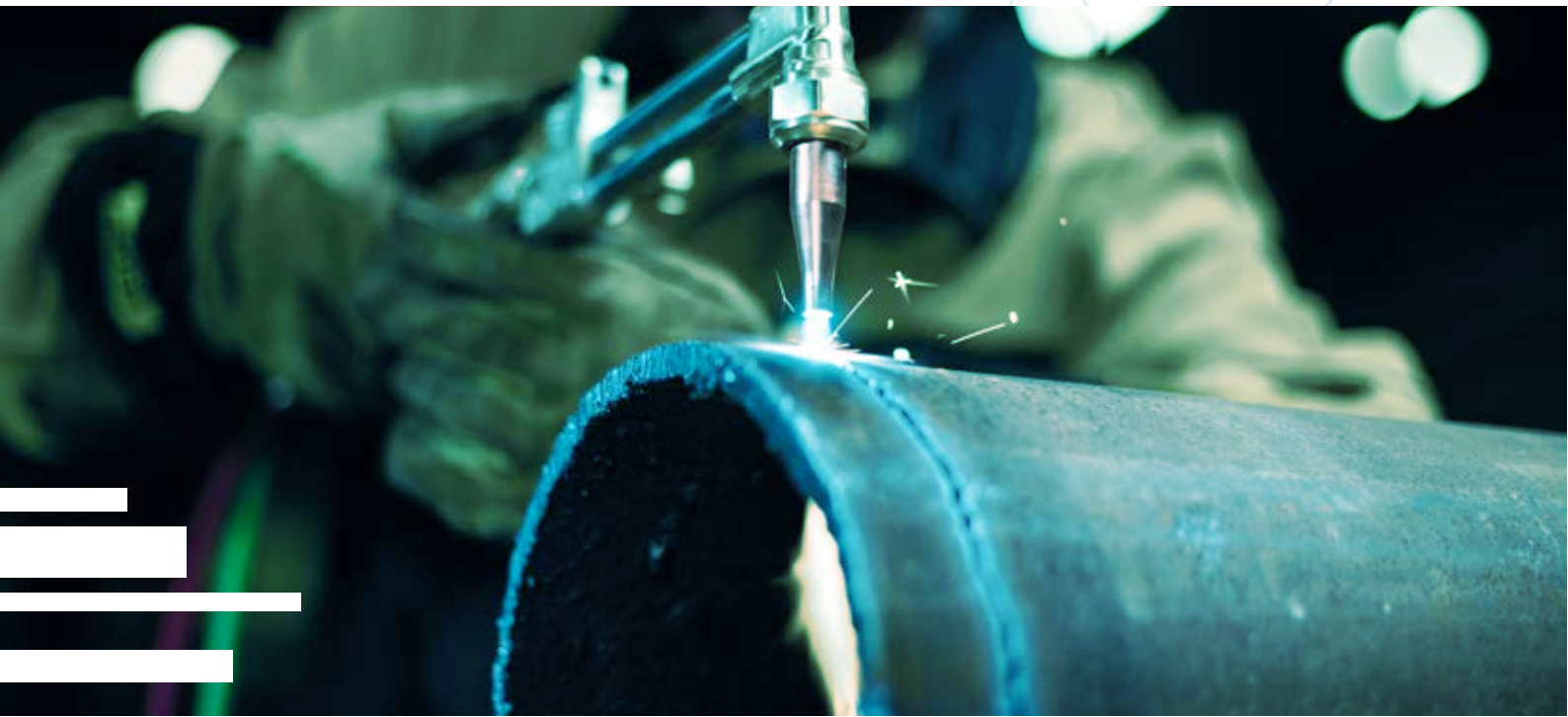
- **All decisions and actions** are taken by the **EWA general assembly**, then deployed by the management which is composed by the president and 3 vice presidents (elected for a mandate of 2 years, they can be renewed for a second mandate)
- All the members are **informed 2 times a year** (in March and November) of the works in progress
- EWA has **4 technical committees** composed by the best European experts of each member on the different aspect of the technology :
 - **Welding/brazing consumable materials**
 - **Arc welding/cutting equipment** (for MMA, MIG-MAG, TIG, Plasma welding and cutting, submerged arc)
 - **Flame equipment** (for cutting , welding and brazing)
 - **Health and safety equipment for welders**
- Each **technical committees have 2 meetings / year** and are managed by a chair
- The technical committees carry out detailed works on the technical aspects of welding manufacturing

STATISTICS

- EWA records the **sales of its members on quarterly and annually basis**
- EWA statistics strictly **respect the confidentiality of data** and **communicates the consolidated results to its members only**

CODE OF CONDUCT

Relations between members and all EWA meetings are done with the strict respect of the EWA code of conduct. According the EWA code of conduct, every member agrees that EWA activities are at all times carried out in accordance with the applicable laws, especially competition laws.





JOIN US AT EWA

Membership is open to ***all manufacturers of welding materials and equipment and related technologies*** (as fume extraction systems) with a ***production facility within Europe***.

European Welding Association provides a high level of valued support :

Fostering **new contacts and relationships** from across the industry as well as having the information and support necessary to understand the evolution of the industry in Europe

Supporting the industry, collaborating in areas of mutual interest and promoting the interests of the welding industry through its members

Campaigning for **better standards** and **adapted European directives**

Inspiring a new generation :

- Encouraging new education, training and qualification systems for future generations of qualified and skilled personnel

Promoting the safe use of welding and cutting :

- by using appropriate welding processes, protective equipment and performant fume extraction systems
- by editing EWA recommendations on the safe use of welding and cutting equipment
- by supporting the actions of IIW and EWF



MEMBERS AND PARTNERS

2022 LIST OF THE MEMBERS

NATIONAL ASSOCIATIONS

ANASTA (Association of Italian manufacturers)
SEV (Association of German electrodes producers)
EVOLIS (Association of French manufacturers)
ZVEI (Association of German electrical manufacturers)

EUROPEAN MANUFACTURERS

ABICOR BINZEL, CASTOLIN, CEA, CORAL, ENGMAR, ESAB EUROPE AG, EWM, FRONIUS INTERNATIONAL, GCE, GEDIK WELDING, GYS, HARRIS CALORIFIC, HYPERTHERM EUROPE, IBEDA, INE, ITW Welding, KEMPER, KEMPPI OY, KOBELCO Welding of Europe, LINCOLN ELECTRIC, LORCH, MAGMAWELD, NEDERMAN, OPTREL, OTC DAIHEN, PLYMOVENT, SELECTARC, SIDENOR SA ERLIKON, VOESTALPINE BÖHLER WELDING, WELDING ALLOYS GROUP, YILDIZ GAZ

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European Welding
Federation

PARTNERS

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