



POLISH GLASS MANUFACTURERS FEDERATION IN WARSAW  
AGH -UNIVERSITY OF KRAKOW

**INVITATION  
SCIENTIFIC AND TECHNOLOGICAL CONFERENCE**

**Modern Technologies  
Sustainable Transformation of the Glass Industry**

**18-20 May 2026 r.**

**Ustroń, Hotel Olympic\*\*\*\*, ul. Grażyńskiego 10**

The aim of the conference is to present current technological, environmental, and organizational trends in the glass industry, with particular emphasis on energy transition, innovative glass production methods, and solutions supporting production efficiency and decarbonization. The meeting aims to provide a platform for the exchange of experiences between industry, research, and technology providers, enabling discussion on the future of the industry in the face of growing environmental and economic demands. The conference continues the long-standing tradition of industry expert meetings, responding to new technological and regulatory challenges facing the glass sector.

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**Proposed scope of content**

**1. Development directions of the glass industry in Europe and worldwide**

- *Strategies for increasing the competitiveness of production plants*
- *Energy and climate transformation of glassworks*

**2. Raw materials, circular economy and recycling**

- *Modern methods of preparing glass batches*
- *The role of cullet in reducing energy consumption and CO<sub>2</sub> emissions*
- *The quality of secondary raw materials and the stability of the technological process*

**3. Innovations in melting technologies and furnace design**

- *Low-emission firing technologies*
- *Hybrid and fully electric glass furnaces*
- *Optimizing furnace campaigns and increasing the durability of refractory linings*

**4. Energy efficiency and decarbonization of production**

- *Energy management in glass plants*
- *Energy audits as a tool for cost optimization*
- *Heat recovery technologies and digital consumption monitoring systems*

**5. Digitalization and automatization of production processes**

- *Real-time process monitoring and control systems*
- *Industry 4.0 solutions in glassworks*
- *Intelligent product quality control systems*

**6. Environmental and regulatory aspects of industrial operations**

- *Reducing emissions and the carbon footprint of glass production*
- *Adapting plants to changing energy and environmental regulations*

*The organizers reserve the right to change the conference program.*

## **FEE**

The conference fee is: PLN 1,900.00 + 23% VAT = PLN 2,337.00 per person /payment before 10.04.2026, PLN 2,100.00 + 23% VAT = PLN 2,583.00 per person /payment before 8.5.2026, second date/ including full board, coffee breaks, a gala dinner, a regional dinner, and a team-building trip to the Cieszyn Castle Brewery, where participants will learn the secrets of beer brewing and sample local specialties.

Conference participants shall pay for their hotel accommodation individually from the pool of rooms reserved by the organisers at the Olympic Hotel on the following terms: (negotiated preferential rates at the Olympic Hotel - PLN 350.00 - Standard double room for single use, PLN 400.00 - Standard double room with separate beds).

The conference fee should be paid to the administrative operator's account: LAB57 SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ, Wrocławska 11, 26-600 Radom, Poland. Mbank account number in PLN: 25 1140 2020 0000 2947 6400 1001, in EUR: PL95 1140 2020 0000 2947 6400 1002 (in the transfer title please include the participant's name and surname). Please send your participation application together with hotel requirements (Annex 1) by email to the Polish Glass Manufacturers Federation to [biuro@zpps.pl](mailto:biuro@zpps.pl)

## **PRESENATION**

Papers will be presented by experienced specialists and technologist in technological, material, and environmental issues in the glass industry, as well as equipment design and automation.

Promotional presentations – papers and exhibitions – subject to separate financial arrangements. Contact: [biuro@zpps.pl](mailto:biuro@zpps.pl)

The conference program will be sent in early May 2026.

