



GlassTrend Seminar 2020: “Innovative raw materials and processing technologies for sustainable glass production”

Reduction of both energy consumption and CO₂ footprint while increasing production efficiency are key challenges for the glass industry. From *Tuesday March 31st to Thursday April 2nd 2020*, the GlassTrend spring seminar will focus on how innovative raw materials and processing technologies can help the glass industry progressing towards a more sustainable manufacturing process.

Knowledgeable glassmakers, raw materials producers and process engineers from all horizons are invited to give us insight in their latest innovations and to illustrate the positive impact of raw materials and processing technologies on glass production. Three main themes will be covered: *Innovative raw materials, recycling technologies and processing techniques of raw materials.*



Location, accommodation and transportation

The seminar is hosted by Sibelco and takes place at *'t Kristallijn*, in Mol, Belgium.

Shuttles can be organized upon request from Brussels airport, Brussels central station or Antwerp central station to the hotels at the beginning of the seminar and back at the end of the seminar. To organise the shuttle service, a digital form will be sent to all participants. Additional shuttles will be organised morning and evening from the hotels to the seminar venue.



Hotel rooms are pre-booked until **March 1st** in the two Corbie hotels situated in Lommel: the Lommel City and the Lommel Ring. They are on walkable distance from each other. Price is € 90 per night including breakfast.

To reserve your room, please contact them at loimmel@corbiehotel.com and mention the reservation code **19294**.



Hotel Corbie Lommel City



Hotel Corbie Lommel Ring

Program: Innovative raw materials and processing technologies for sustainable glass production

Tuesday, March 31st 2020

17:00-19:00 Welcome reception for all participants at Lommel Ring hotel

Wednesday, April 1st 2020

08:30-09:00 Welcome, Sibelco and GlassTrend

Session 1 Innovative raw materials

09:00-09:30 Ruud Dorscheidt, Sibelco (BE): *“Responsible mineral production”*

09:30-10:00 Matthias Rohmann, Lhoist (DE): *“The use of Calcined Limestone and Dolomite products for CO₂ reduction in Glass melting processes”*

10:00-10:30 Allen Zheng, U.S. Borax (USA): *“The value in use that various anhydrous boron compounds bring over anhydrous compounds in glass application”*

10:30-11:00 *Break*

11:00-11:30 Mathi Rongen, CelSian (NL): *“Accurate energy demand measurements of industrial glass batches with new raw materials”*

11:30-12:00 David Delaere, Silmaco (BE): *“Sodium Silicates, versatile and environmental friendly products for your applications”*

12:00-12:30 Robert Ireson, Glass Future/ GTS (UK): *“Developing biomass-ash derived raw materials to reduce the environmental impact of the glass sector”*

12:30-13:30 *Lunch break*

13:30-14:00 Gulin Demirok, Sisecam (TR): *“Impacts of Alternative Raw Materials on Melting and Fining Properties of SLS Glasses”*

Session 2 Recycling technologies and process technologies

14:00-14:30	Bianca Lambrechts/Goos Kers, Maltha/OI (NL): <i>“Glass Powder – Turning pure glass fines into Furnace Ready Cullet to Close the Loop”</i>
14:30-15:00	Hans van Limpt, Sibelco (BE): <i>“Redesigned, future-proof glass batch formulation”</i>
15:00-15:30	Andrea Perla, AB InBev (BE): <i>“Glass & Circular Packaging at AB InBev”</i>
15:30-16:00	<i>Break</i>
16:00-18:30	Visit to Sibelco site and laboratory in Dessel
18:30-19:30	Break at the hotel
19:30-...	Drinks at “Glazenhuis” and dinner in Lommel

Thursday, April 2nd 2020

Session 2 Continuation

08:30-09:00	Thilo Becker, RTWH (DE): <i>“An Overview of Glass Fibre Recycling”</i>
09:00-09:30	Cor Wittekoek, Vlakglas Recycling Nederland (NL): <i>“Collecting and recycling of flat glass, a step forward to a Circular Economy”</i>
09:30-10:00	Hans Hilkes, Ardagh (NL): <i>“Ardagh approach on Cullet”</i>
10:00-10:30	<i>Break</i>
10:30-11:00	<i>Sven-Roger Kahl, Ardagh (NL): “How the use of waste streams can help to reduce the CO₂ footprint of glass making</i>
11:00-11:30	<i>Philipp Zippe, Zippe (DE): “Batch & Cullet Preheating- a Comeback?”</i>
11:30-12:00	GlassTrend, Concluding remarks of the seminar
12:00-12:30	GlassTrend council meeting: <i>GT activities 2020 (and beyond) and proposal for changes/new terms of GT board members</i>
12:30-13:30	<i>Lunch break</i>
13:30-18:00	Optional visits: “High 5” recycling facility in Antwerp or low iron sand quarry in Maasmechelen

Participants are invited to get their badges and to enjoy a welcome drink on *March 31st* at the Lommel Ring hotel between 5 and 7 PM. Catering is provided during the seminar and a walking dinner is offered by Sibelco on the evening of April 1st .

Visits are organized by Sibelco in their Dessel facilities on ***April 1st***. Optional visits to the High5 cullet treatment facility in Antwerp ***or*** to the low-iron sand quarry in Maasmechelen on ***April 2nd*** afternoon are proposed as well. Registration for the optional visits can be done on the same digital form as for the shuttles. The optional visits are limited to 25 participants on each.

Please bring your Personal Protective Shoes for the visits!

Registration

Registration is limited to about ***100 participants***. Each GlassTrend member company may send 2 people to the seminar free of charge. The price for each additional person is €400. Additional people can join the seminar only if the maximum number of attendees is not reached.

Please register via <https://www.glasstrend.nl/events/>. The registrations are open ***until 10th of March***. For more information, please contact info@glasstrend.nl or call +31 (0)40 249 01 00.