

Seminar 2021

APPLICATION OF SUSTAINABLE TECHNOLOGIES IN ENERGY-INTENSIVE INDUSTRIES

Date
24 MARCH 2021

Location
Online



Reduction of both energy consumption and CO₂ footprint while increasing production efficiency are key challenges for the glass industry

The glass industry tackles these challenges by developing glass production processes enabling the use of sustainable fuels, adoption of CO₂-lean raw materials, intensify glass recycling and improving energy efficiency of glass furnaces. The challenge to cut energy consumption and CO₂ emissions is not unique for the glass industry. Other energy-intensive industries face the same issues with respect to process decarbonization technologies, dedicated sensors, and control schemes. This virtual GlassTrend seminar focuses on experience and technologies available and under development in other industries. The aim is to learn from the experience.

Location

Video conference

GlassTrend will use the Microsoft Teams audiovisual system to welcome the participants to the seminar from the comfort of their home or office. This system allows active participation and interaction for any number of participants.

You will receive instructions on how to access the video conference a few days before the seminar.



Program **Application of sustainable technologies in energy-intensive industries**

Wednesday, March 24th 2021, time schedule CET



- 10:00–10:15 Digital entry participants and welcome
- 10:15-10:45 Joaquín de Diego Rincón, Taiyo Nippon Sanso: “Sensorize & Oxy-fuel Combustion as part of Decarbonization Strategies in Intensive Energy Use Industries”
- 10:45-11:15 Helen Atkinson, C-Capture: “Decarbonising industry: the development of a carbon capture solvent suitable for challenging flue gases”
- 11:15-11:30 COFFEE BREAK
- 11:30-12:00 Jan van der Stel, Tata Steel:” Development of a Low CO2 Iron and Steelmaking Integrated Process Route”
- 12:00-12:30 Sander Gersen, DNV-GL: “Impact of sustainable fuels on end-use equipment performance”
- 12:30-13:30 LUNCH BREAK
- 13:30-14:00 Luc Jarry, Air Liquide, “Hydrogen as a source of combustion energy”

- 14:00-14:30 Dennis Schattauer, Bernd Schätzle,
CNUD-EFCO: "Just waste? Waste Heat
Utilization in the Glass Industry"
- 14:30-14:45 COFFEE BREAK
- 14:45-15:15 Peter Droegmoeller, Land Ametek:
"Changing Instrumentation Requirements
for Energy-intensive Industries"
- 15:15-15:30 CLOSURE



Registration

Please register via <https://www.glasstrend.nl/events>.

Registration is open until *22nd of March*. Since the seminar is online, there is no limit on the number of participants per member company.

For more information, please contact info@glasstrend.nl or call +31 (0)40 249 01 00.