

Carbon reduction

Benefits of modelling for decarbonization

duration
1 hour
14:00 – 15:00 PM, CET

date
15 July 2021

location
Online

Complying with sustainability targets derived from the Paris climate agreement means that the glass industry is looking at options to lower CO₂ emissions and improve energy-efficiency. We will discuss the options to reduce carbon production in the glass melting process and show the impact using modelling studies. You will have a clear picture of the impact of technologies to improve the sustainability of glass production and products.

Level of seniority

This seminar is meant for novice to advanced furnace engineers who would like to improve their understanding and apply the knowledge during practical cases.

Investment

Free of charge

Contents

- Options for CO₂ emission reduction

The impact on energy consumption and CO₂ emissions from:
 - alternative raw materials
 - replacing fossil fuel by electrical boosting
 - hydrogen combustion
 - contamination of cullet and raw materials

After the seminar

- You have an overview of different decarbonisation options.
- You understand the impact of these techniques.
- You have observed how modelling techniques can be used to study the impact of CO₂ reduction.
- You have gained knowledge on the amount of CO₂ that can be reduced in different processes.



We welcome your questions by e-mail: academy@celsian.nl Register on www.celsian.nl

Online access to this seminar can be offered and the training may be fully given online.