



Powering decarbonization in the glass industry

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THE GLOBAL CENTRE OF

EXCELLENCE FOR GLASS

IN R&D, INNOVATION AND TRAINING

IVERPOOI TTY REGIO

METROMAYOR

The glass industry is under threat.

- High carbon emissions & rising environmental regulations
- Escalating energy costs
- Competitive pressure from alternative materials
- Global supply chain disruptions



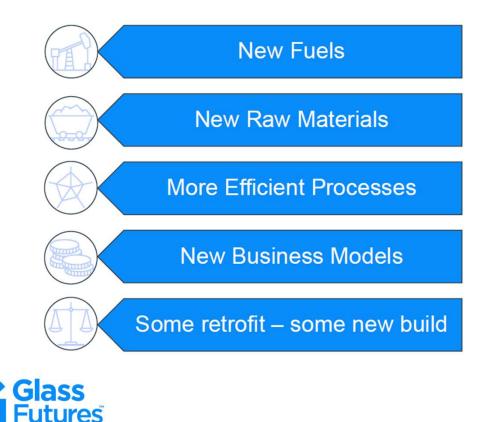


We need new solutions for different regions across the world.





Small improvements is not enough. We need disruption.





Glass Futures

A not-for-profit organisation built by the glass industry, for the glass industry to create the Global Centre of Excellence for glass R&D, innovation and training



Support organizations Sustainability Journey



Demonstrate disruptive technologies



Generate new impactful ideas felt through the supply chain to the consumer

Our Vision

A sustainable future, enabled by glass.

Membership (all with some form of carbon commitment)



Glass Futures x AIGMF at glasstec 2024





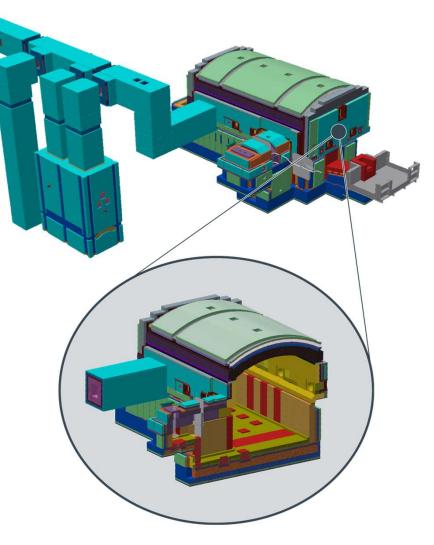
A one-of-a-kind R&D facility, <u>co-designed</u> by industry



The Furnace

Our melting capability is our unique offering to the global glass industry.

At scale. Continuous melting. For research.

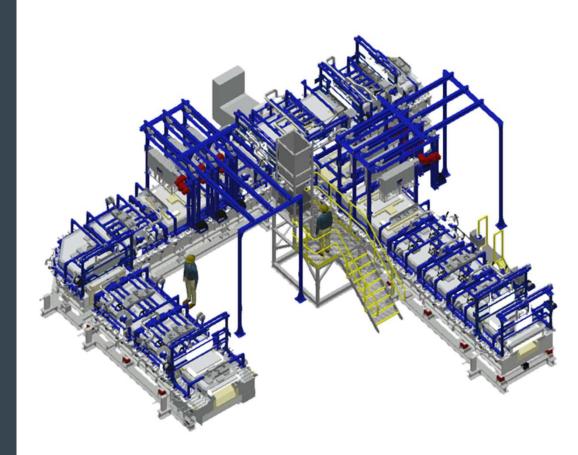


Oxy-firing configuration (Natural Gas, H₂, Oil, blends) with boost capacity of up to 70%



The Forehearth

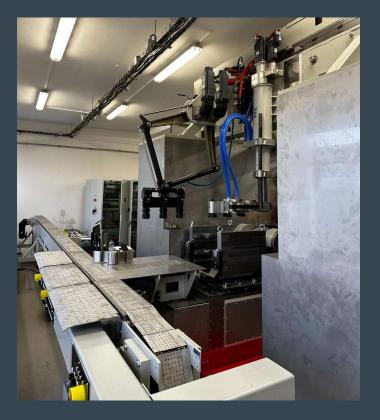
Producing a consistent product for experimental validation for both flat and container glass.



Feeding a rolled plate machine & an IS machine



The IS Machine



The Rolled Plate Machine





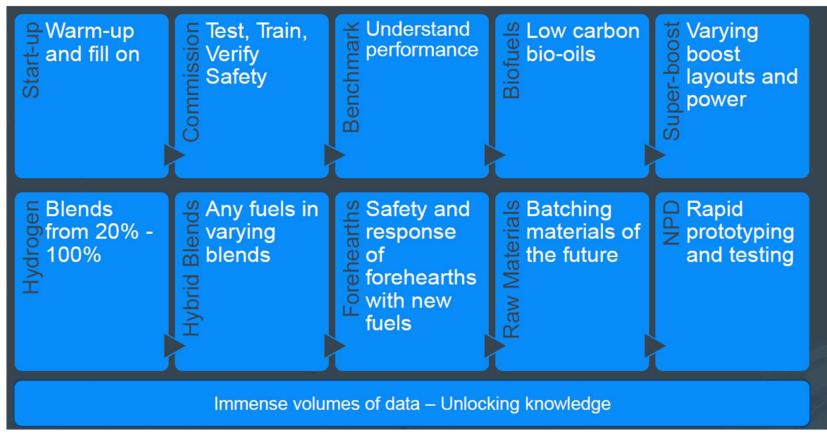
Controlled by a single digital platform.

Securing unparalleled data accuracy and end-to-end insights into glass manufacturing processes





What are we running on our line this year?







Accelerating decarbonization

How we work





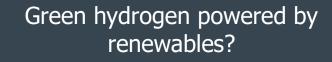
The time to act is now.

Rising regulatory pressures

Economic opportunities through innovation

Meeting customer demand for sustainable products









New raw materials with a lower melting temperature?

Biofuels made from agricultural waste?

Join us to support the future of glass.

Namaste

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