



## GlassTrend projects history

All GlassTrend members are given the opportunity to join R&D projects on a cost-sharing basis. The results are shared within those participating companies.

### Completed Projects

- 2002-2007 **Modeling of evaporation processes in glass furnaces** (5 partners)
- 2003-2008 **Feasibility of LIBS for analyses in the glass industry** (4 partners)
- 2005-2008 **Reduction of silica crown attack by glass furnace atmospheres** (8 partners)
- 2005-2010 **Control of SO<sub>2</sub> emissions and foaming & improving sulfate fining in soda- lime-silicate glasses** (7 partners)
- 2006-2009 **LowNox regenerative glass furnace** (9 partners)
- 2007-2008 **Sulfur chemistry in alkali free / alkali lean glasses** (4 partners)
- 2010-2012 **Energy balance modeling for glass furnaces** (8 partners)
- 2012-2013 **Control of batch chemistry and melting technology for amber component glasses** (5 partners)
- 2012-2013 **Experimental investigations on fining behavior and transmission of Ultra Clear soda lime silica glasses** (10 partners)
- 2014-2015 **Measures to destabilize foam in industrial glass furnaces producing borosilicate glasses** (4 partners)

### Running Projects

- Since 2008: **Batch pelletizing & pellet preheating by glass furnace flue gases** (8 partners)
- Since 2014: **Corrosion resistance of condensation zone regenerator refractories at low NOx combustion conditions for soda-lime-silica glass producing furnaces** (5 partners)
- Since 2015: **Foam sensor for the glass industry** (5 partners)