



## Topical issue “Projects and case studies”

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Glass engineering is a very unique field of study. A great deal has been learned over the past half century by experimenting and building with glass as a structural element. It has become a hotbed for research through testing, modelling, and constructing. In many cases, the industry has been tested the most when building something unique. These creations require a great deal of industry collaboration, modelling, and in most cases, testing of components. Many lessons are learned during the design and construction processes, and then during the performance of the system/design over the next several decades of service in the completed state. For this reason, sharing of case studies amongst professionals is extremely important. In order for glass to be used effectively as a structural material in the construction industry, advancements must continue to be made, and what better way than through actual examples of its use throughout the world.

Many designers will point to sample projects to explain what their vision may be, or how it correlates to another design principal. In many cases, this is done to

show owners, developers, and city planners that these designs are feasible and achievable. Case studies that highlight the design issues and problem solving techniques used during the design process are invaluable to other designers as they tackle similar challenges. Learning by example in this industry is paramount to advancing the use of glass in structures for both the designer, and the fabricator.

In this issue of Glass Structures & Engineering, there are several Case Studies presented for your perusal. Papers that showcase the unique nature in which glass is contributing to the success of another project. Papers that continue to push the boundaries of glass design. These projects, and the many that have come before them, are important reminders that what is being envisioned, can truly be realized. All of the research and testing being done around the globe culminate into designs and practical uses. The Case Studies validate the research and testing and promotes the further development of the field and industry. Without them, everything is just theoretical. With them, the structural glass industry continues to advance, challenging the designers, researchers, and fabricators to elevate their visions to new levels. Encouraging the next design thanks to the sharing of knowledge by example.

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