

Light weight constructions with cast steel

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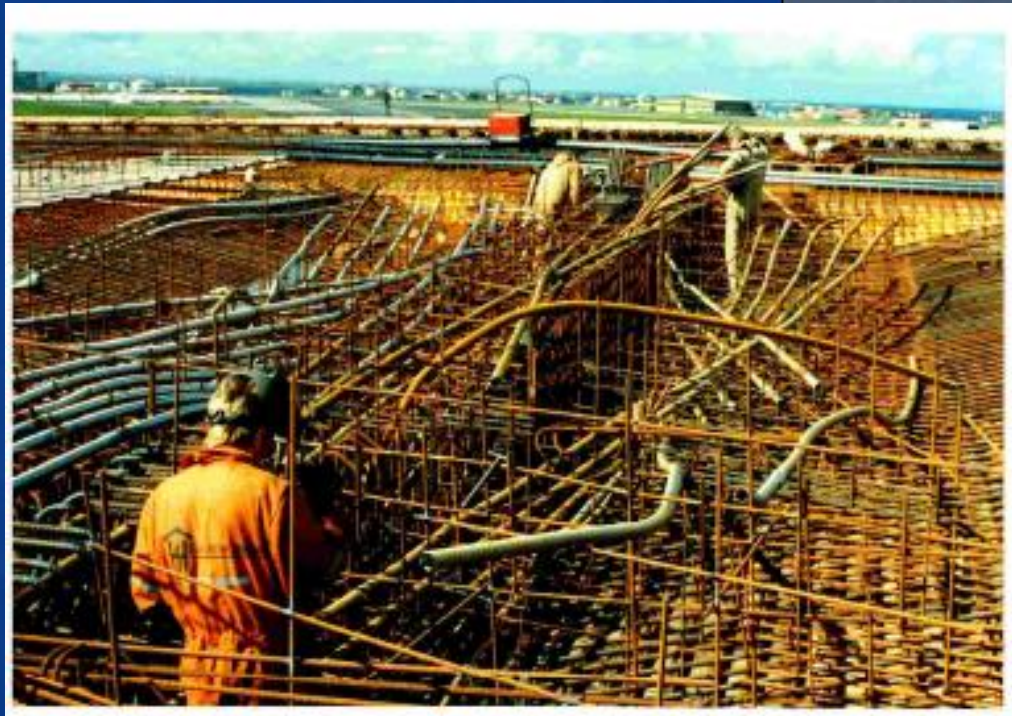
Design Manager of Harpa from 2007.

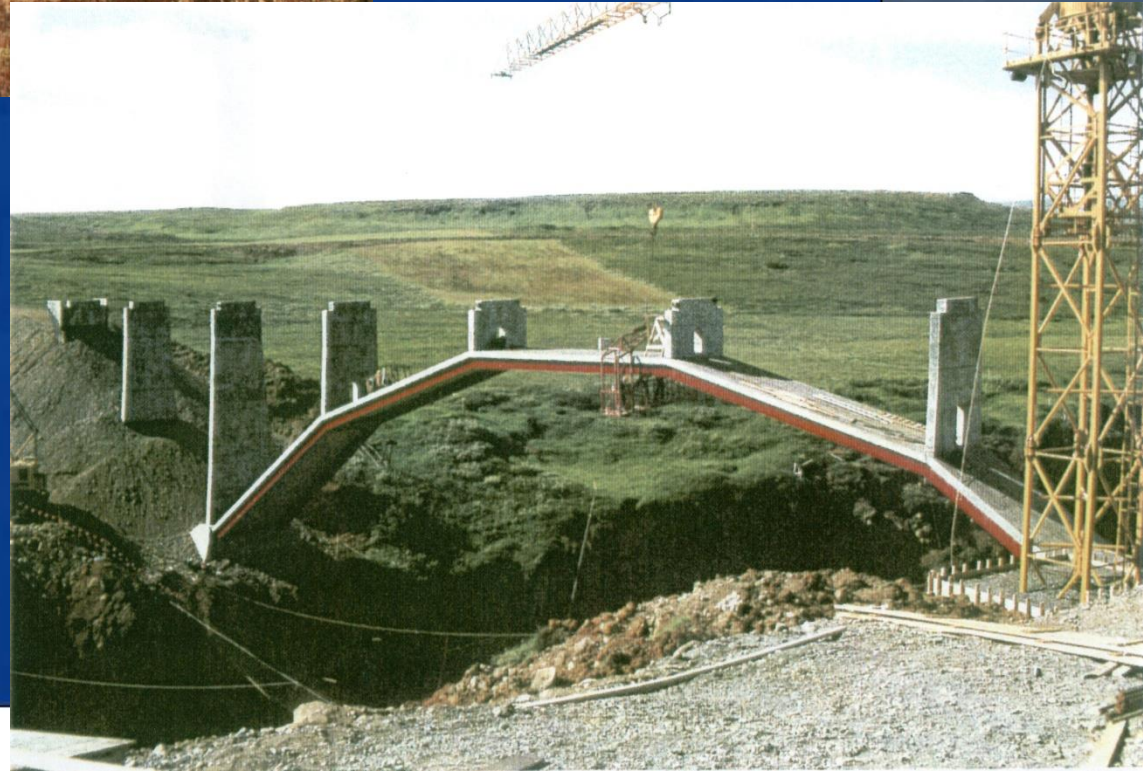
Project manager and partly designer of the glass facades

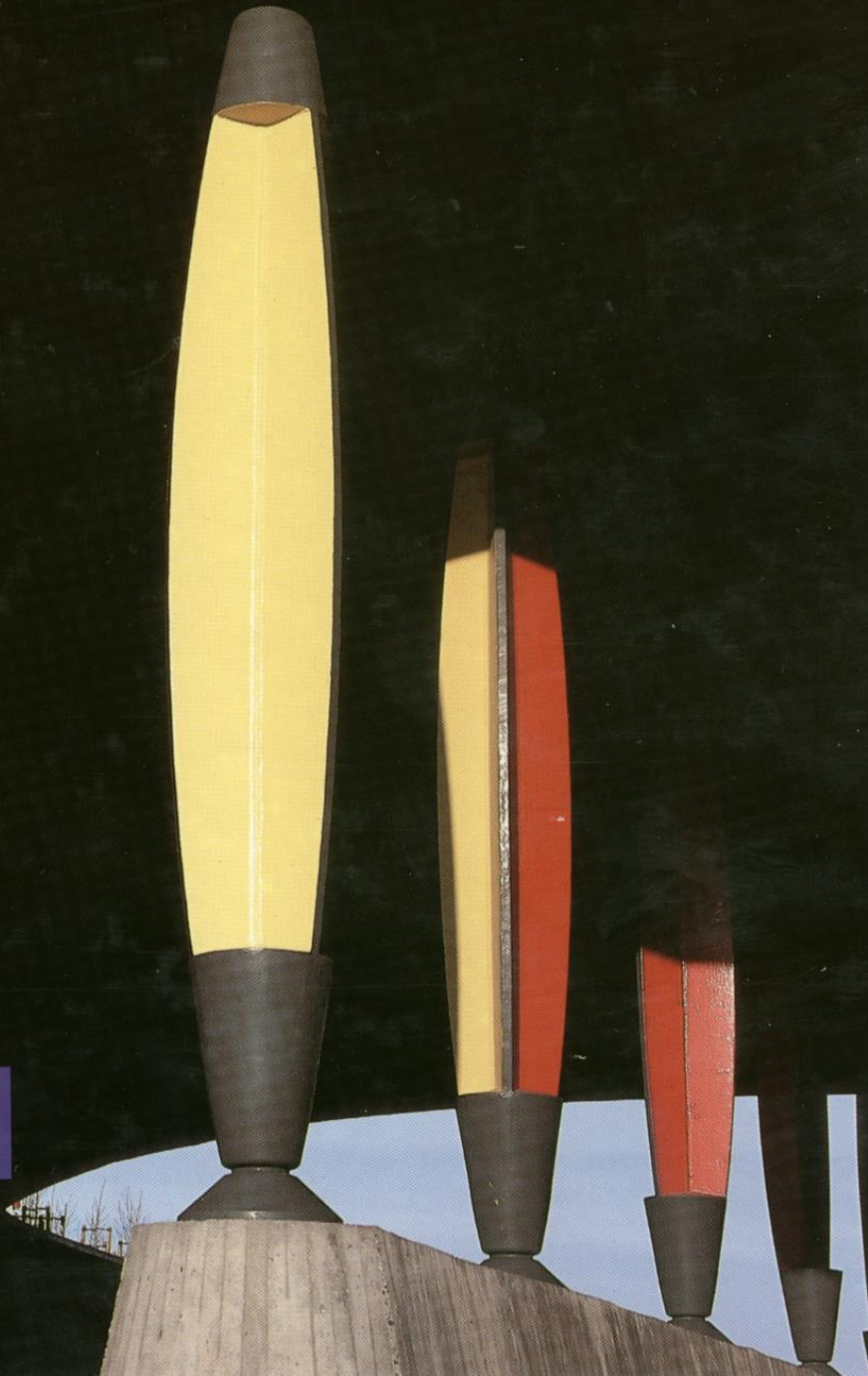
Bridge designer but no specialist for cast steel







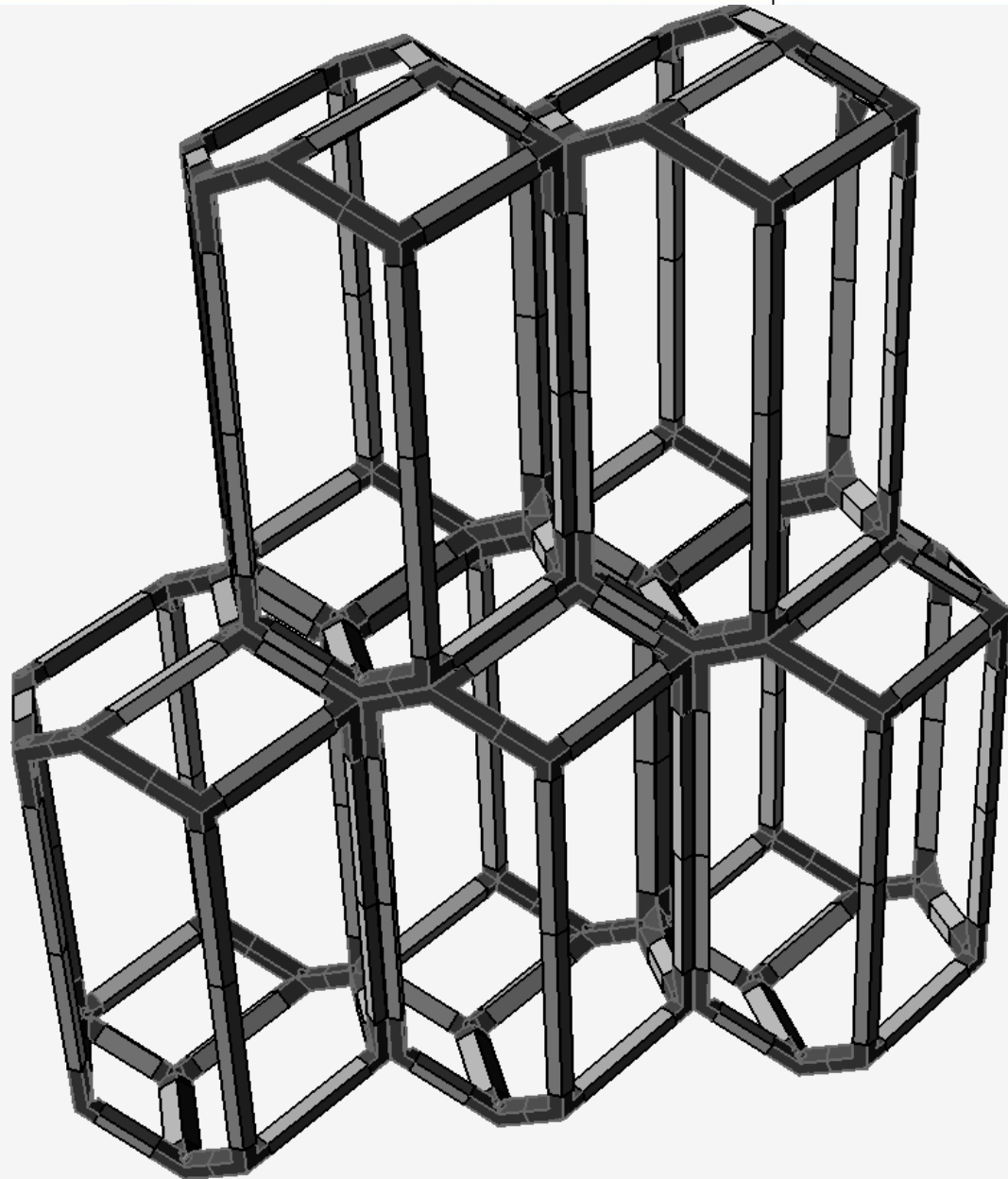
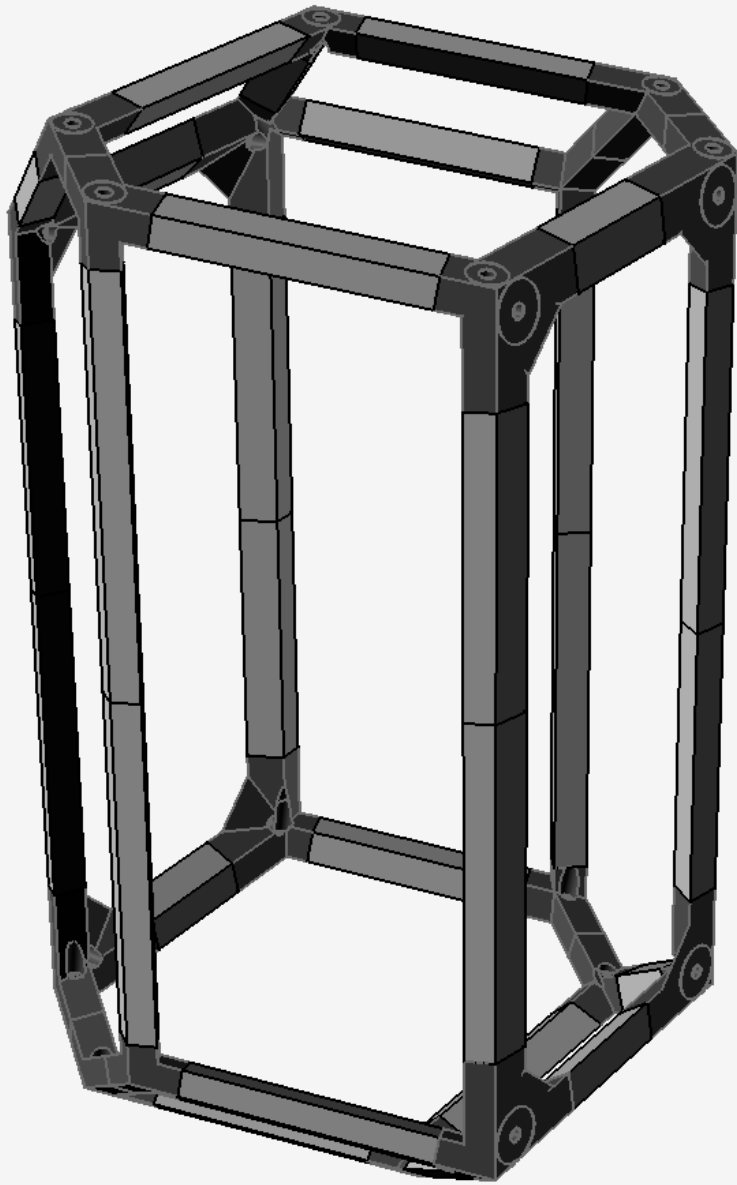








But I have worked with cast steel



Light weight constructions with cast steel

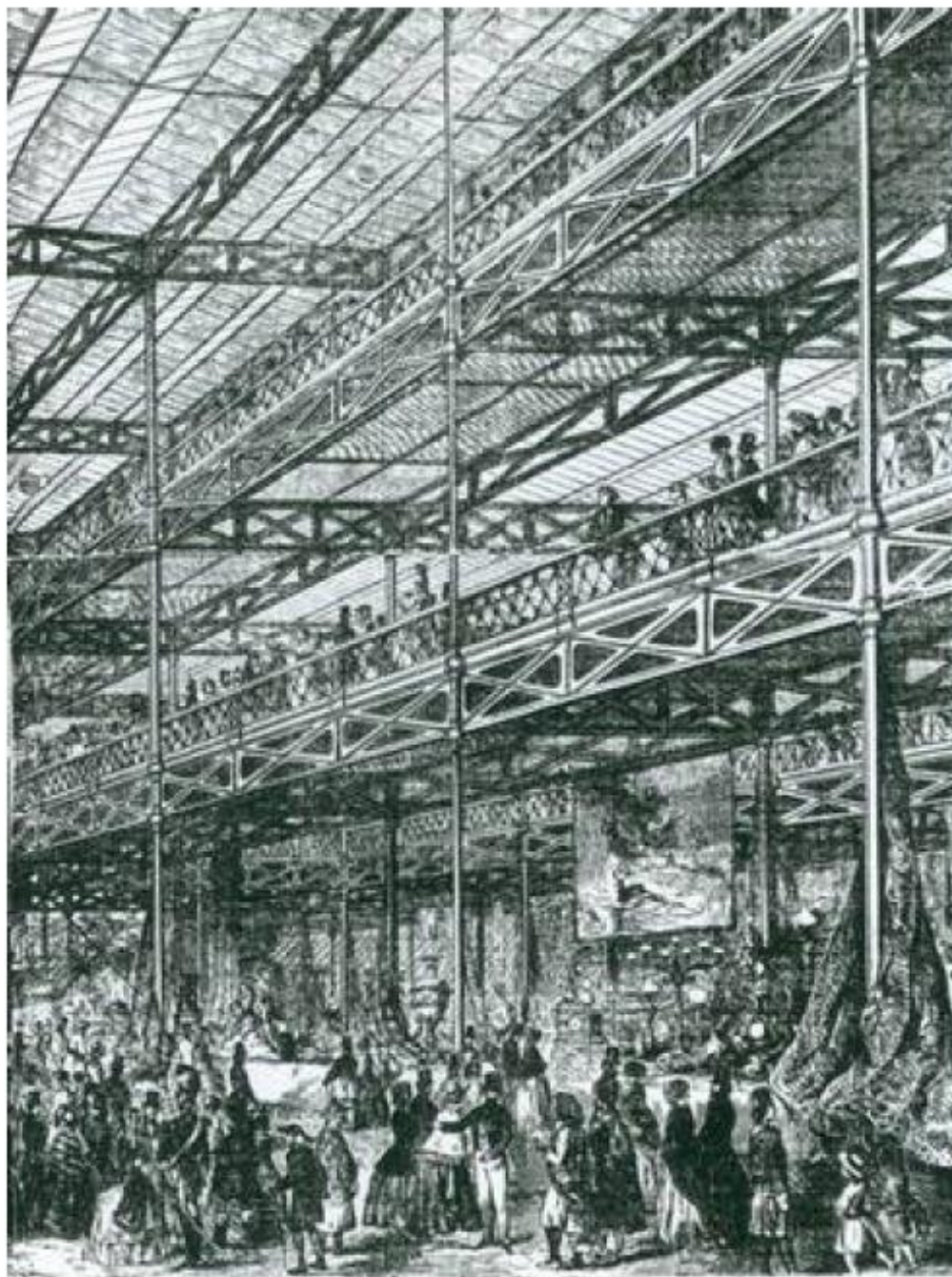
Some historical examples















**To build a concert and
conference centre has been
a dream in Iceland for a
long time**

**Competition 2004-2005
made the dream come true**



Project team I

Austurhöfn: State/City of Reykjavik

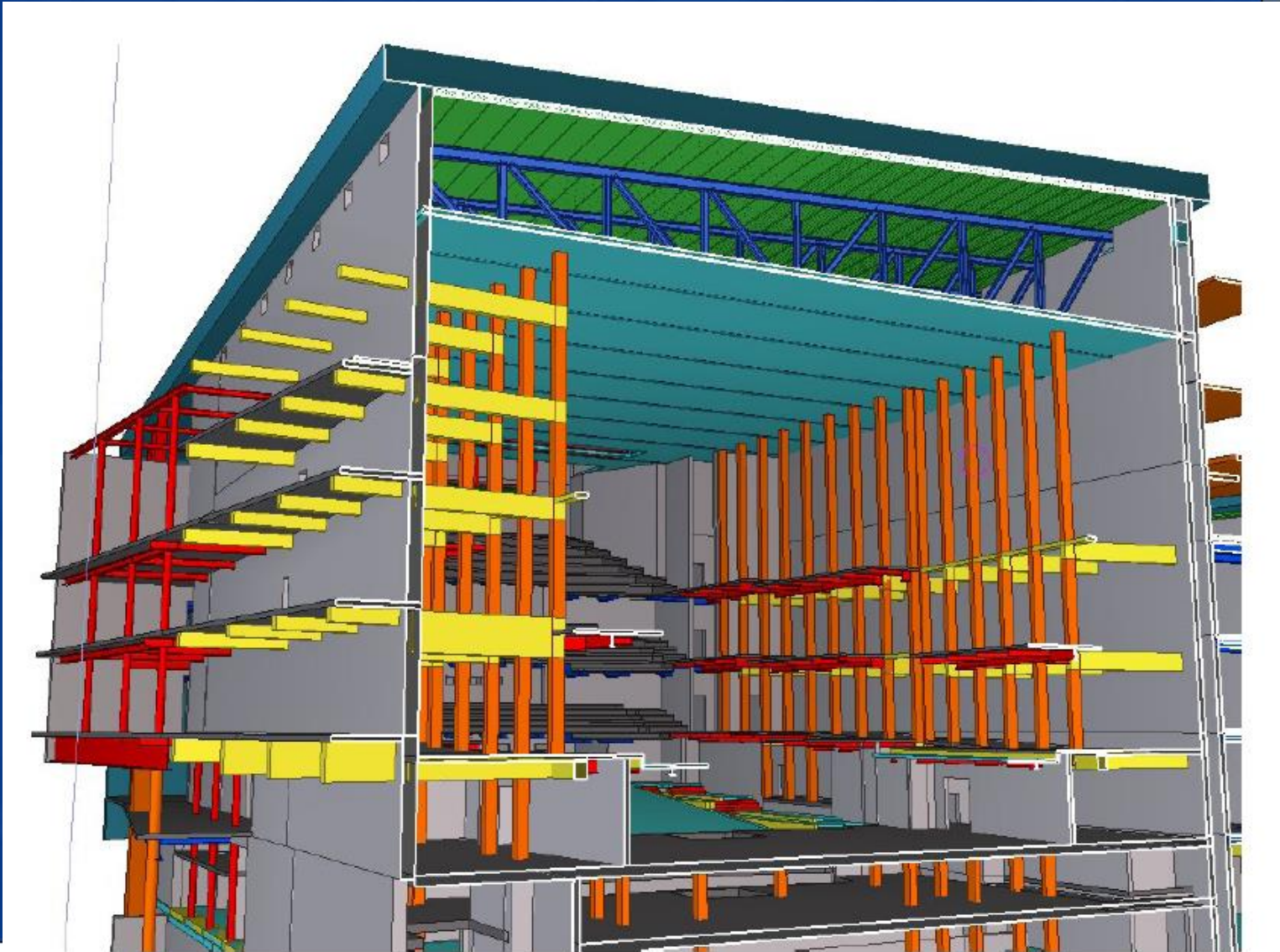
Portus: Owner

ÍAV: Main Contractor

**Designer: Artec, HLA, SOE,
ArtEngineering, Lingyun, Batteríð,
Rambøll, Mannvit, Hnit**

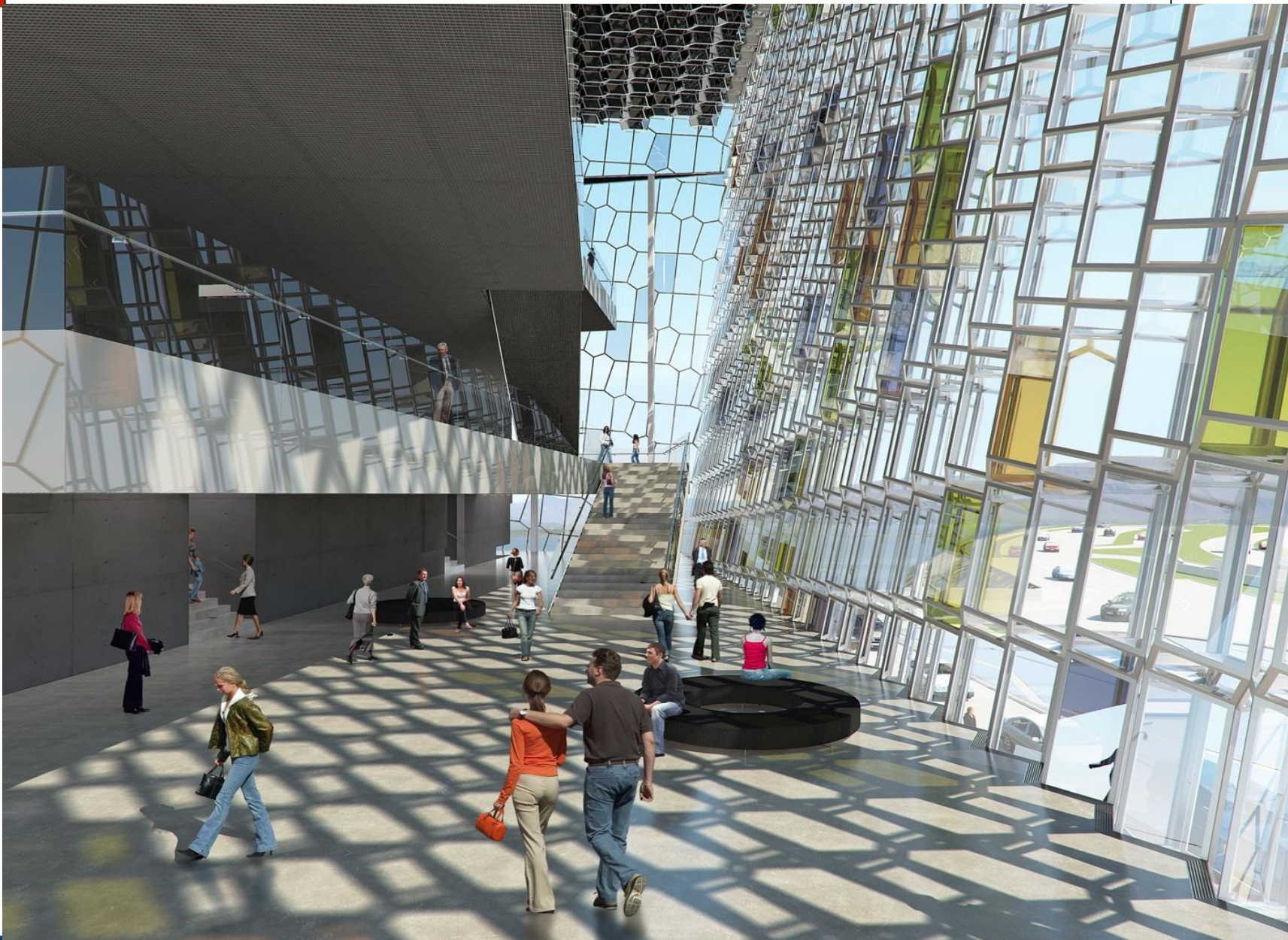
Subervision: EFLA

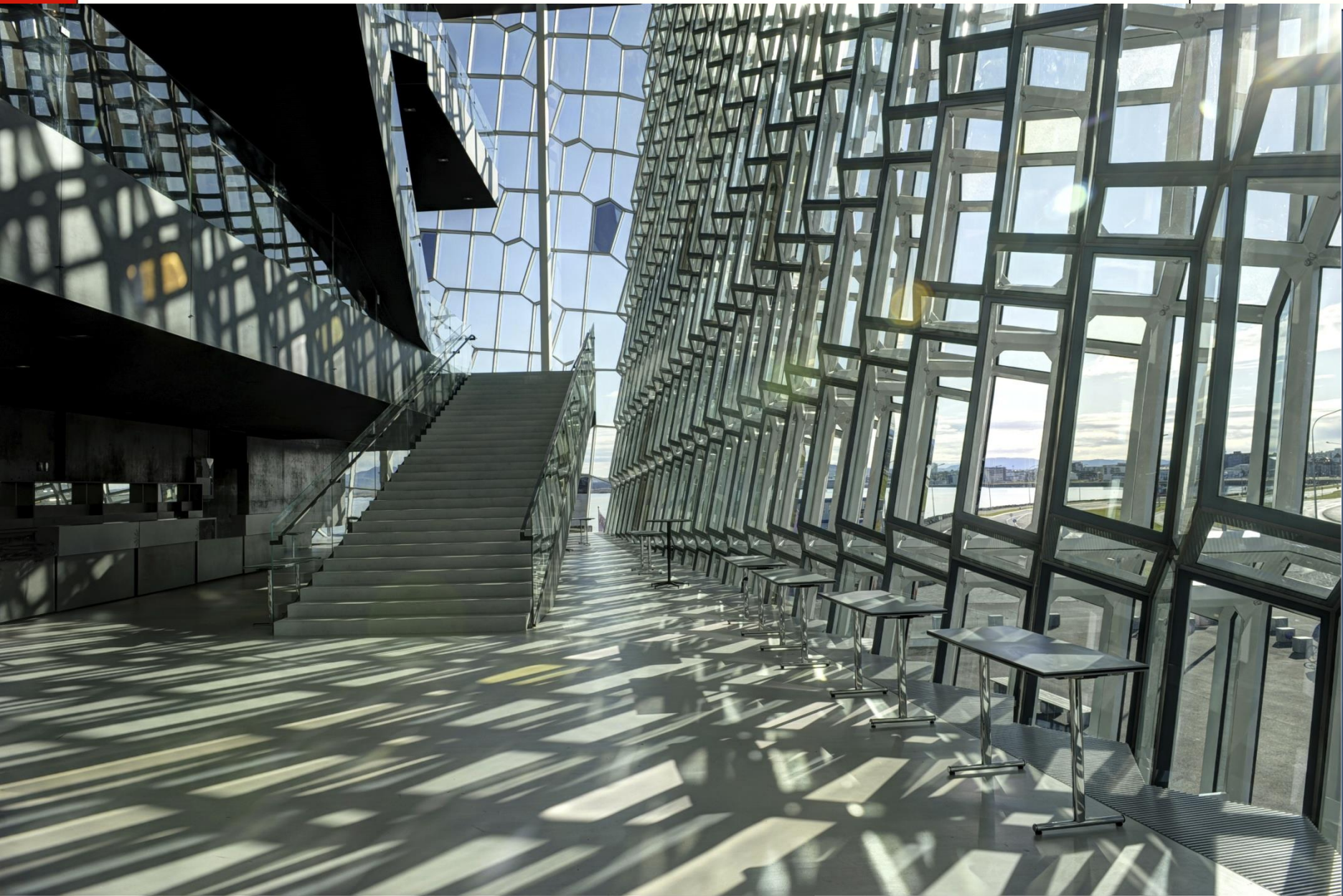
Tekla 3D model



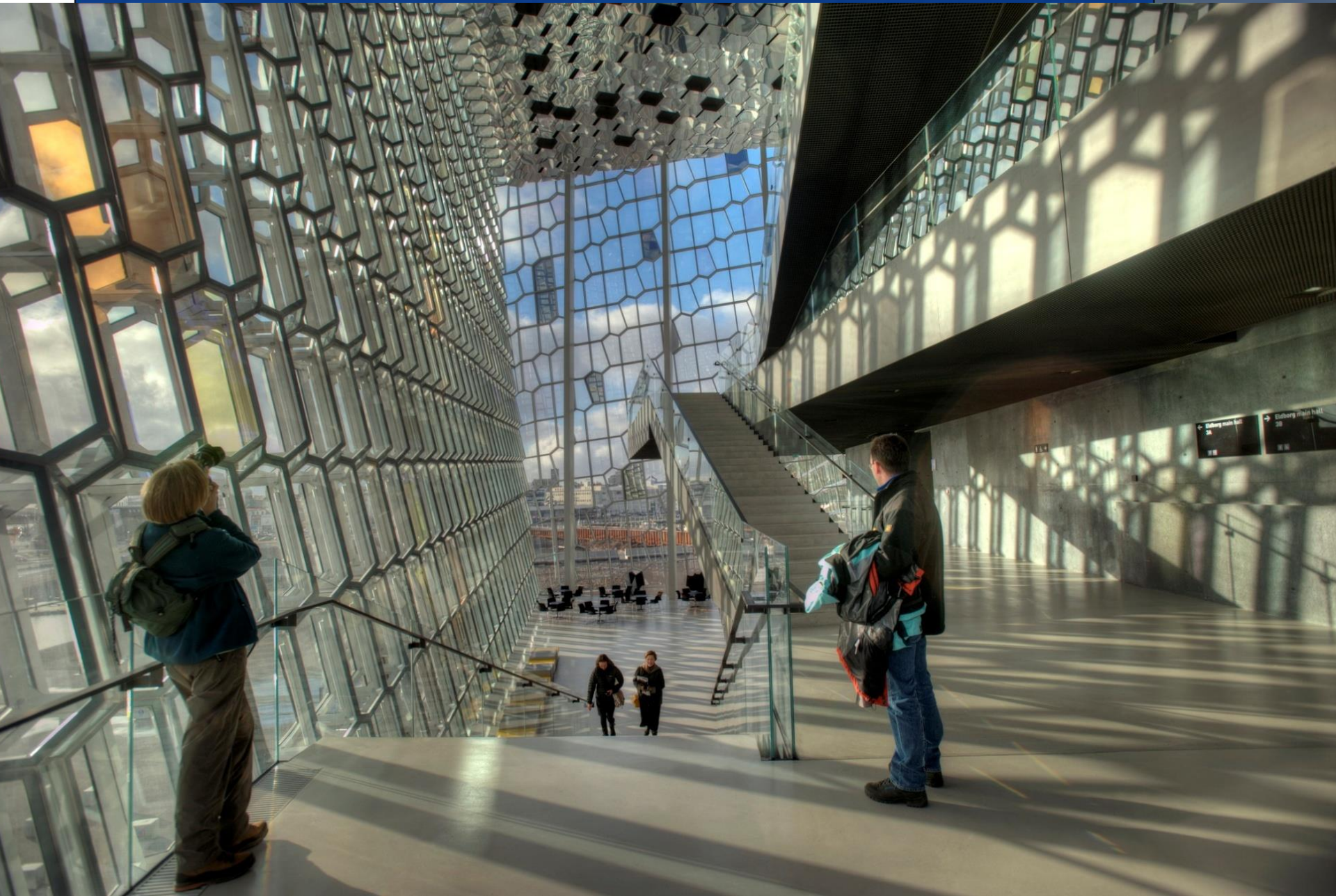








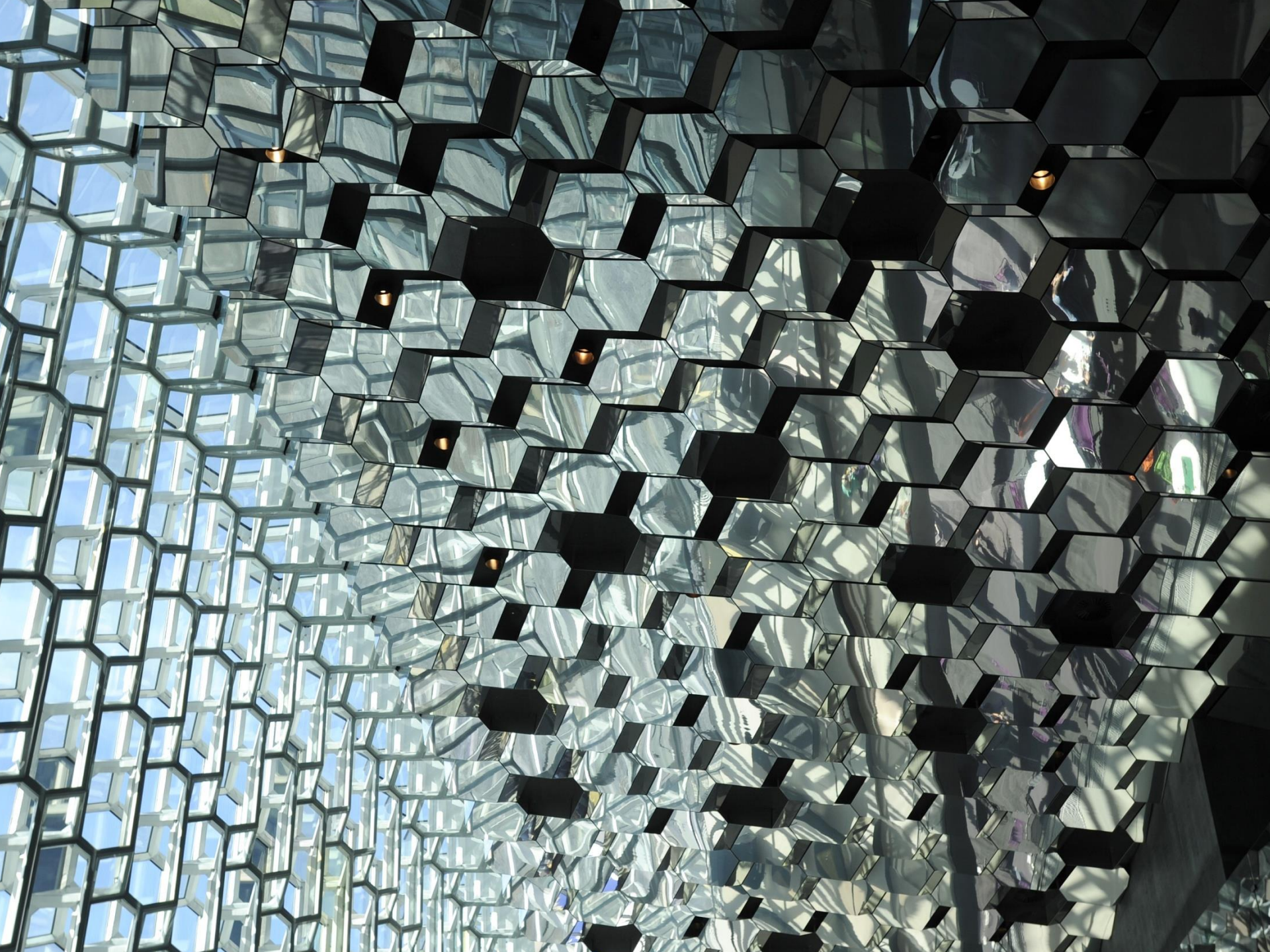


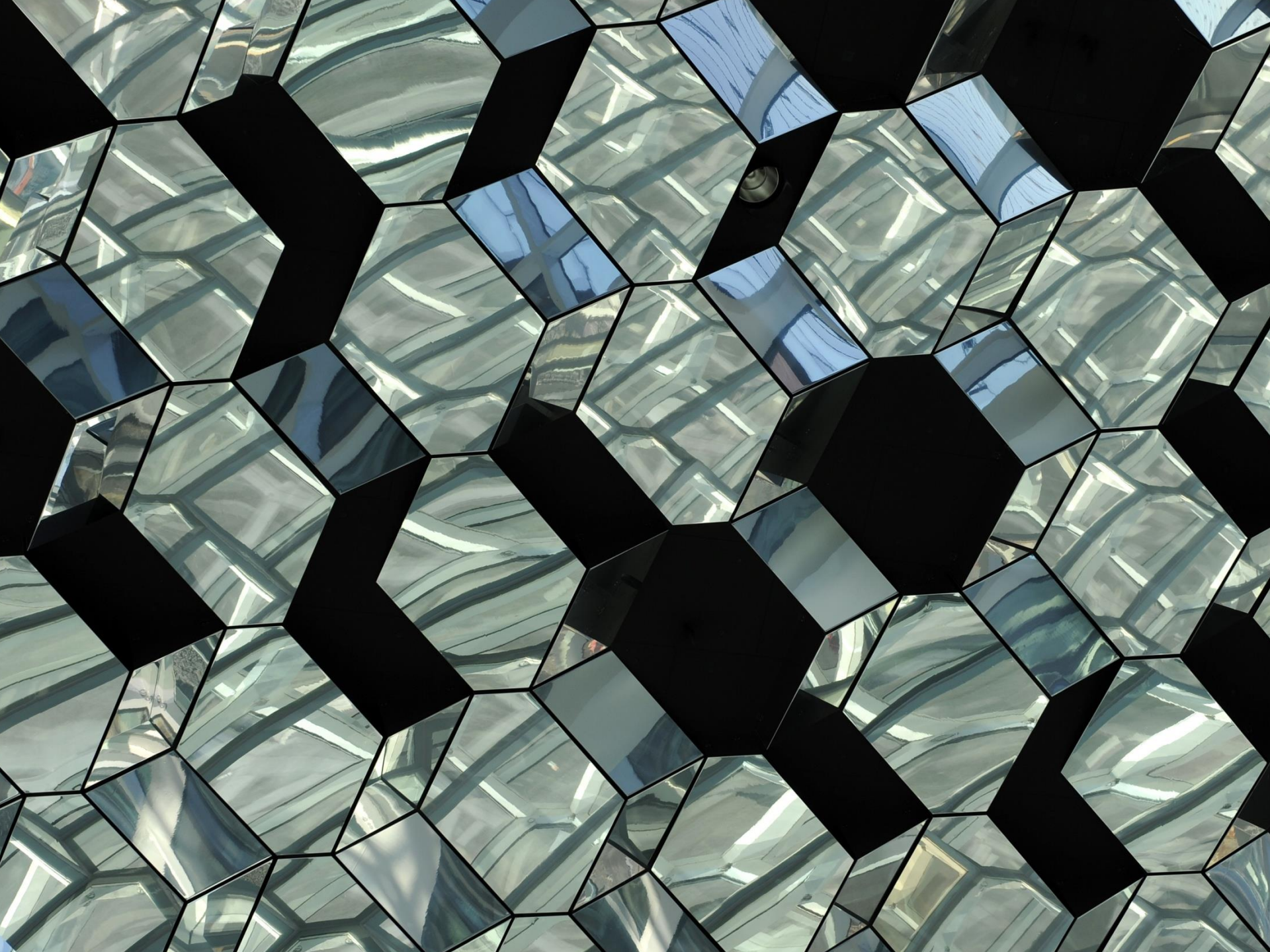


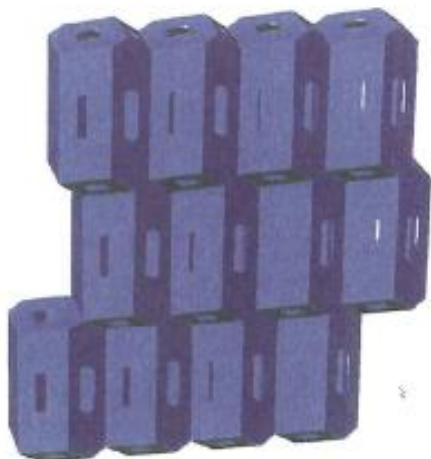
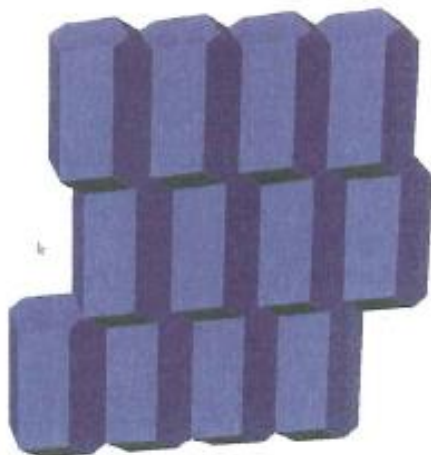


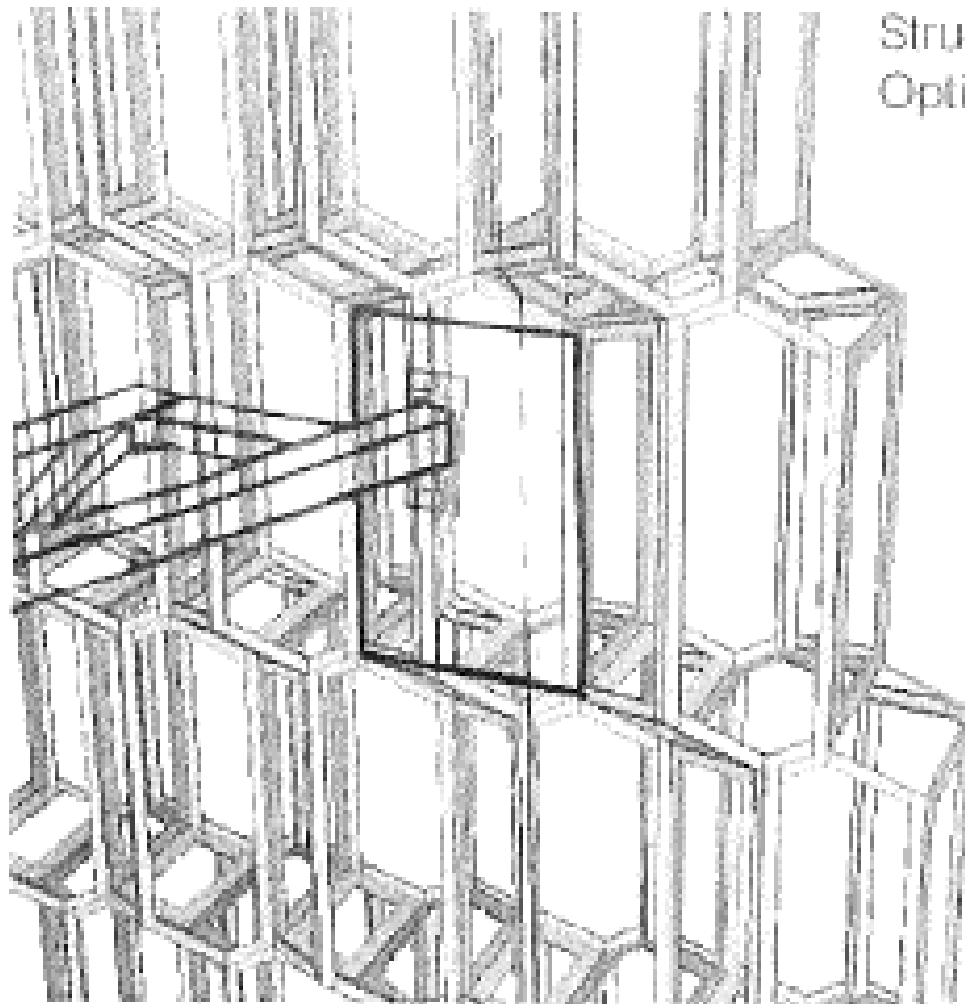


The Glas Facades

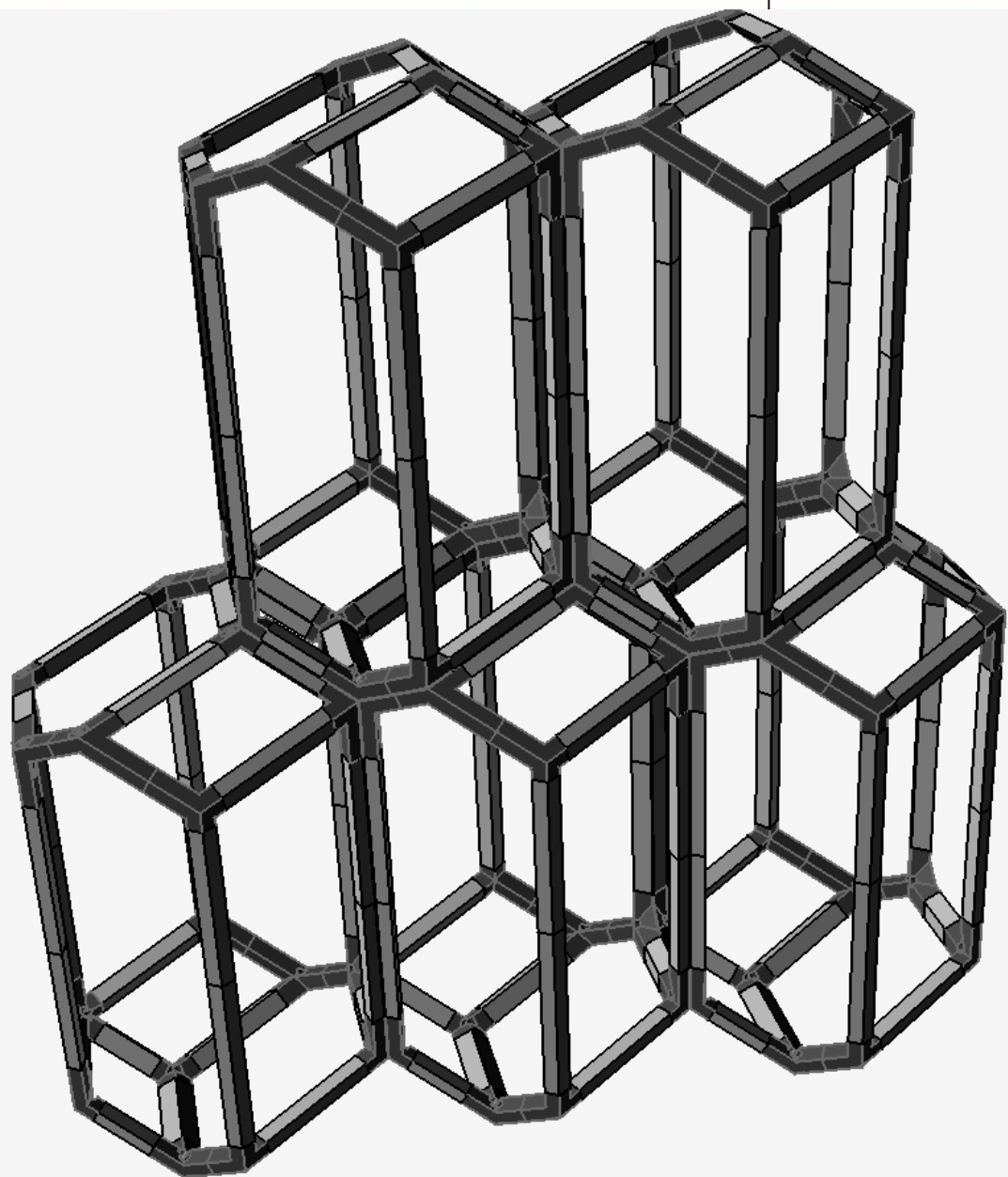
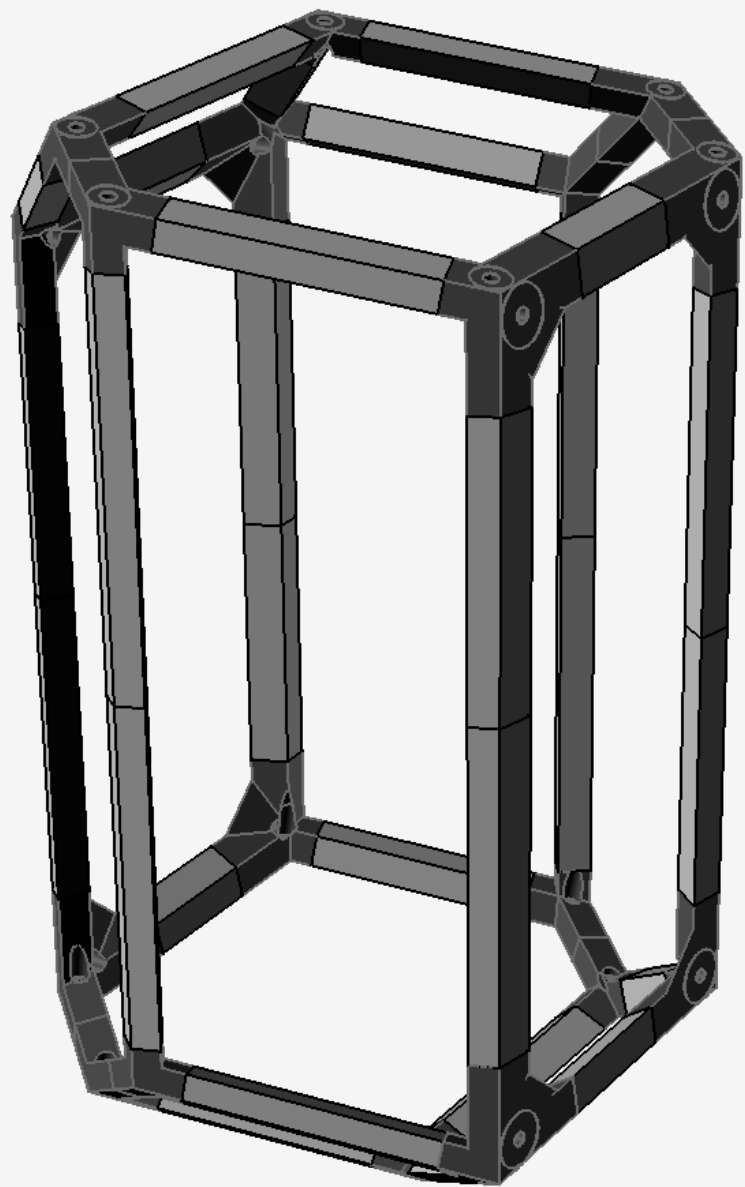








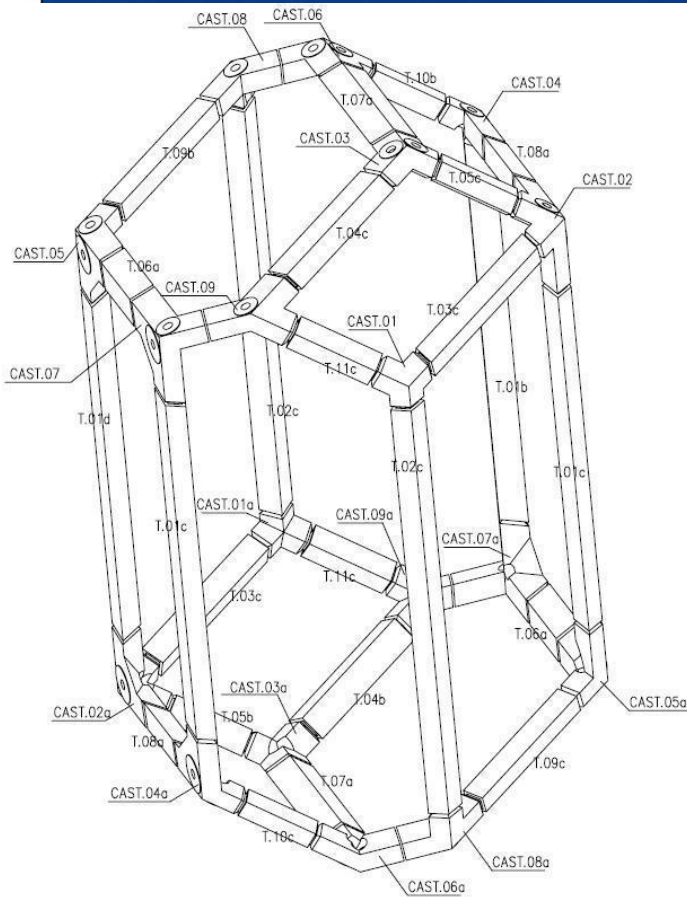
Structural detail 2
Option B - rear fixing





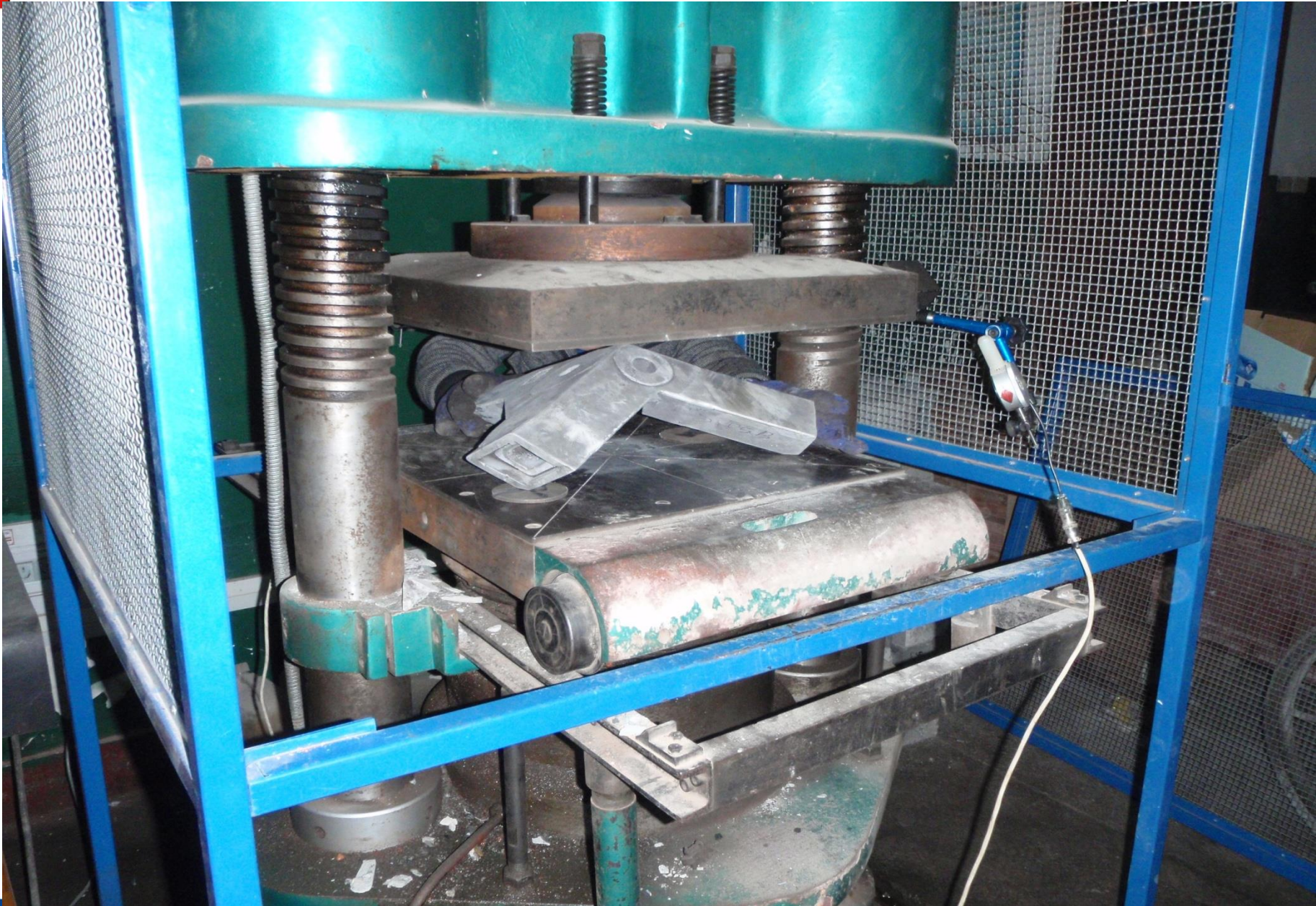


Hornin eru úr stálsteypu

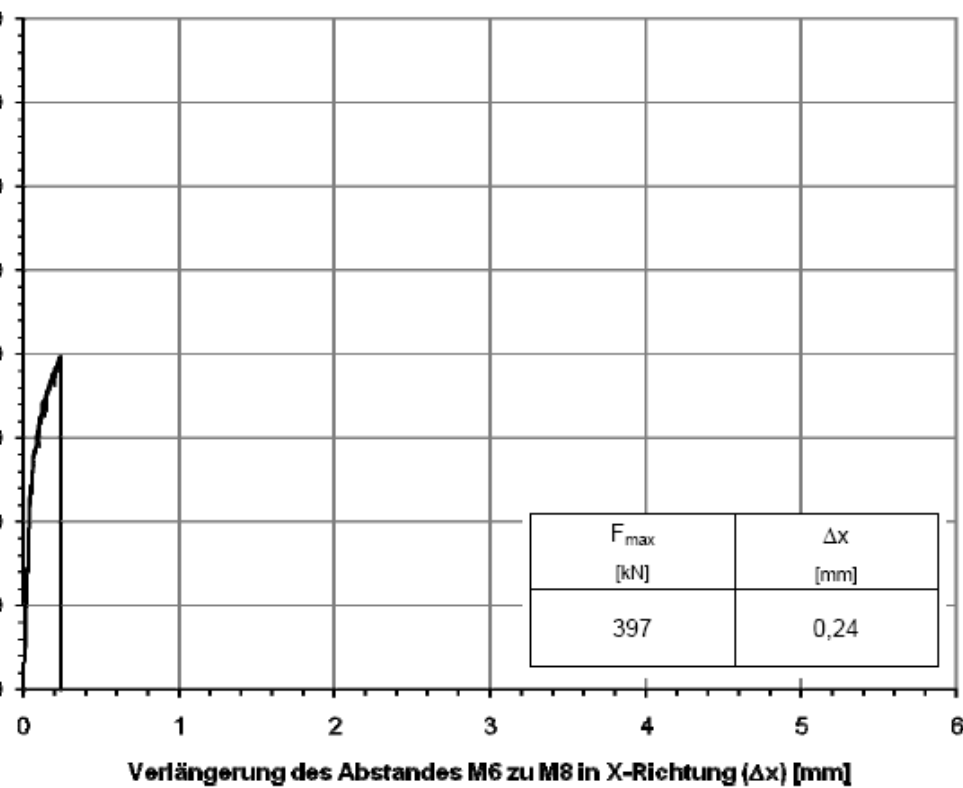








The influence of correct second heating



ad- horizontal elongation between M6 and M8, specimen 03a

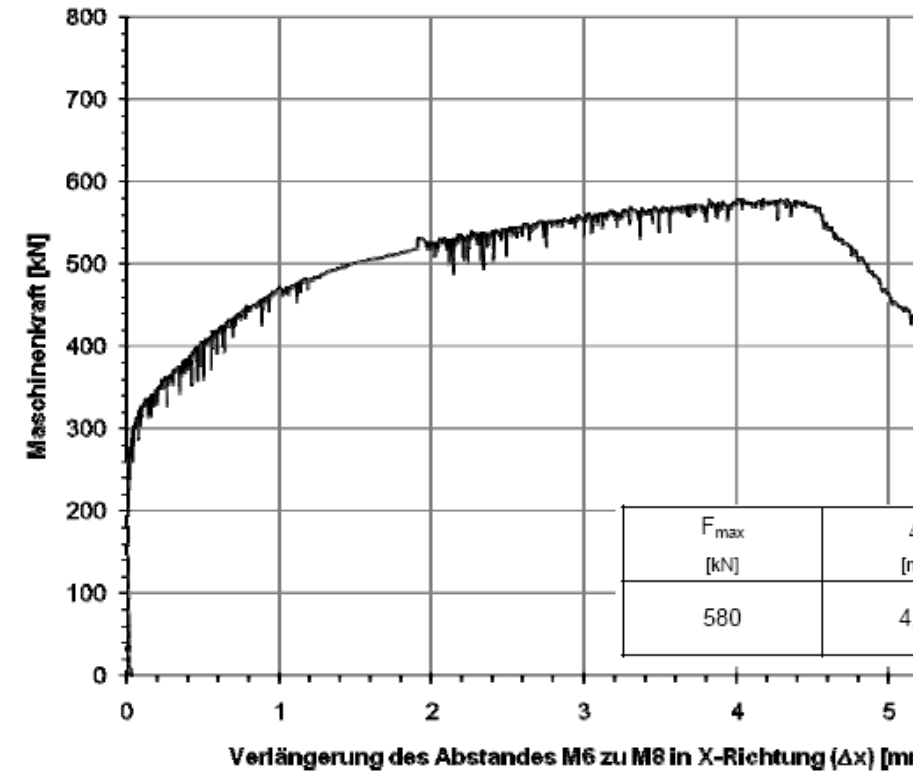


Fig. 35: Load – horizontal elongation between M6 and M8, specimen 09

















