

The all glass house , Apple of course

MAGIC & MEDIA

By Ivar Moltke, Danish Technological institute



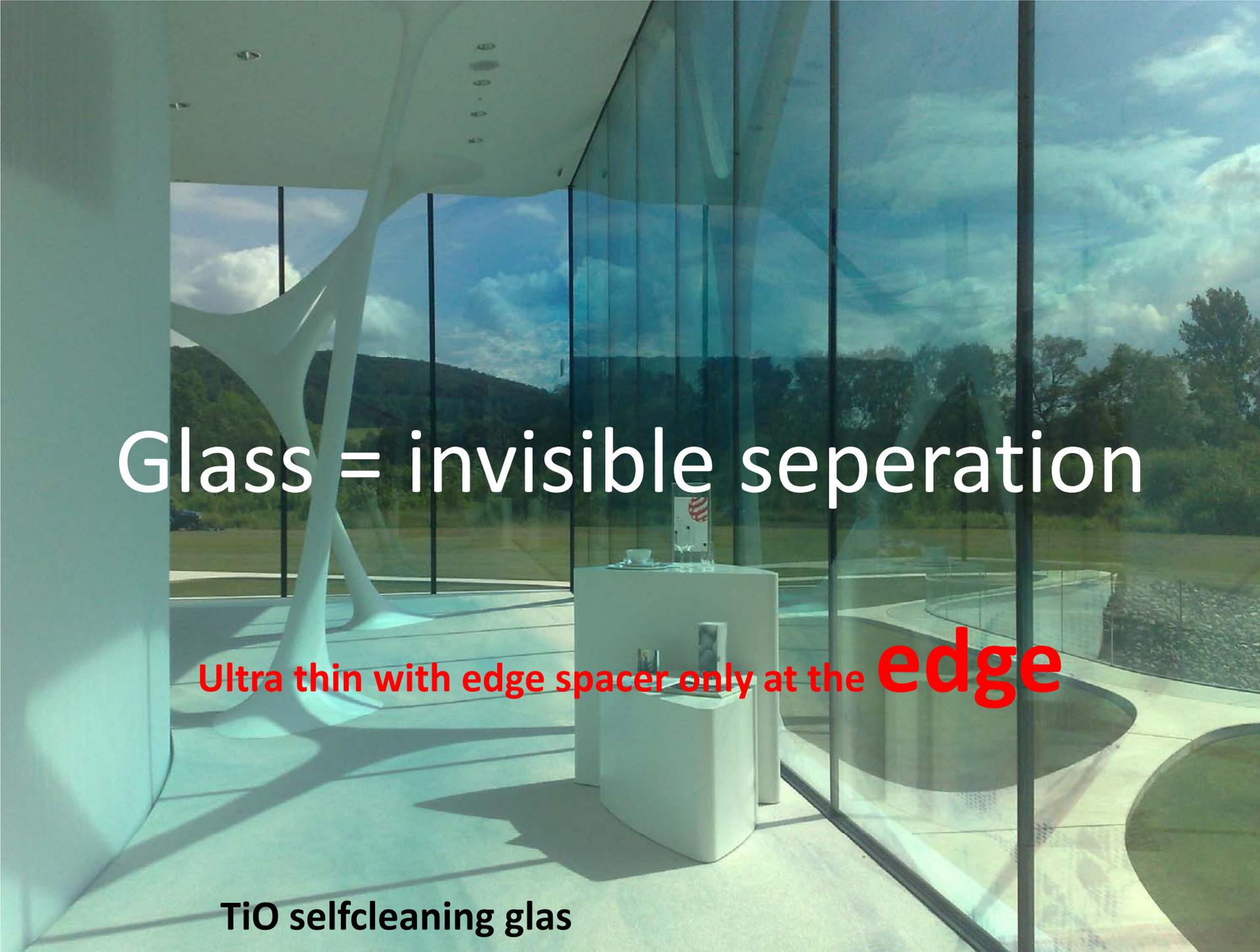




How to improve quality of life?

How do we put the building indoor a greenhouse?

Could we build a an **adaptable** all glass house?



Glass = invisible separation

Ultra thin with edge spacer only at the **edge**

TiO selfcleaning glass



Converging

Glass + LED/LCD= magic

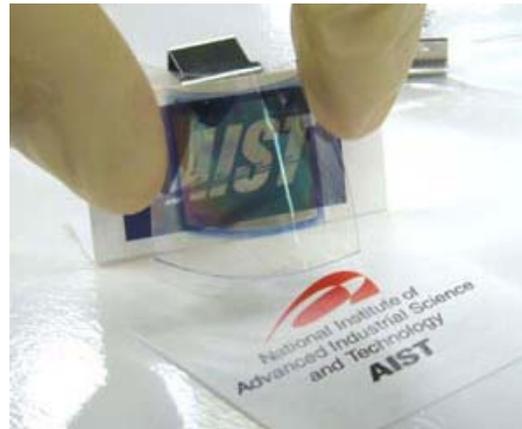
Multimedia (LED/LCD TV –computer)

Privacy (LCD Switchable mirror)

Energy production (LED PV)

Light (LED)

Electric heating



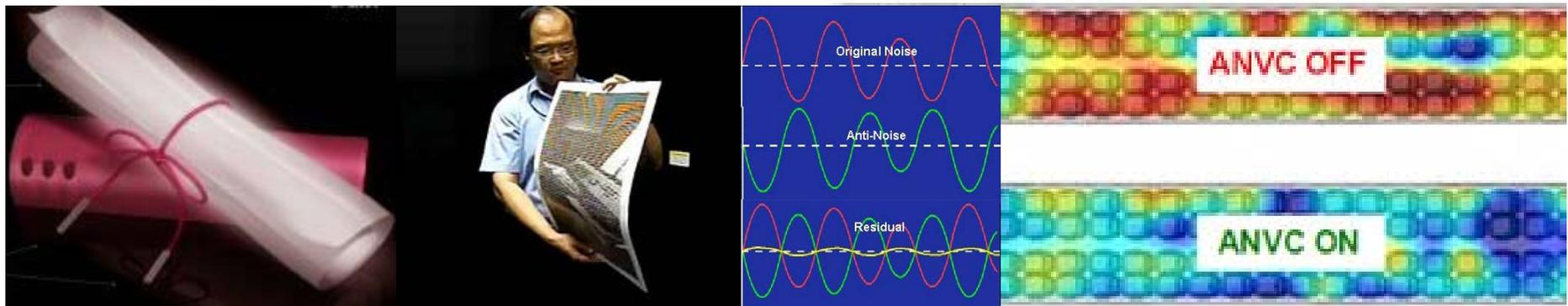
<http://www.mplasma.com/english/compare.html>

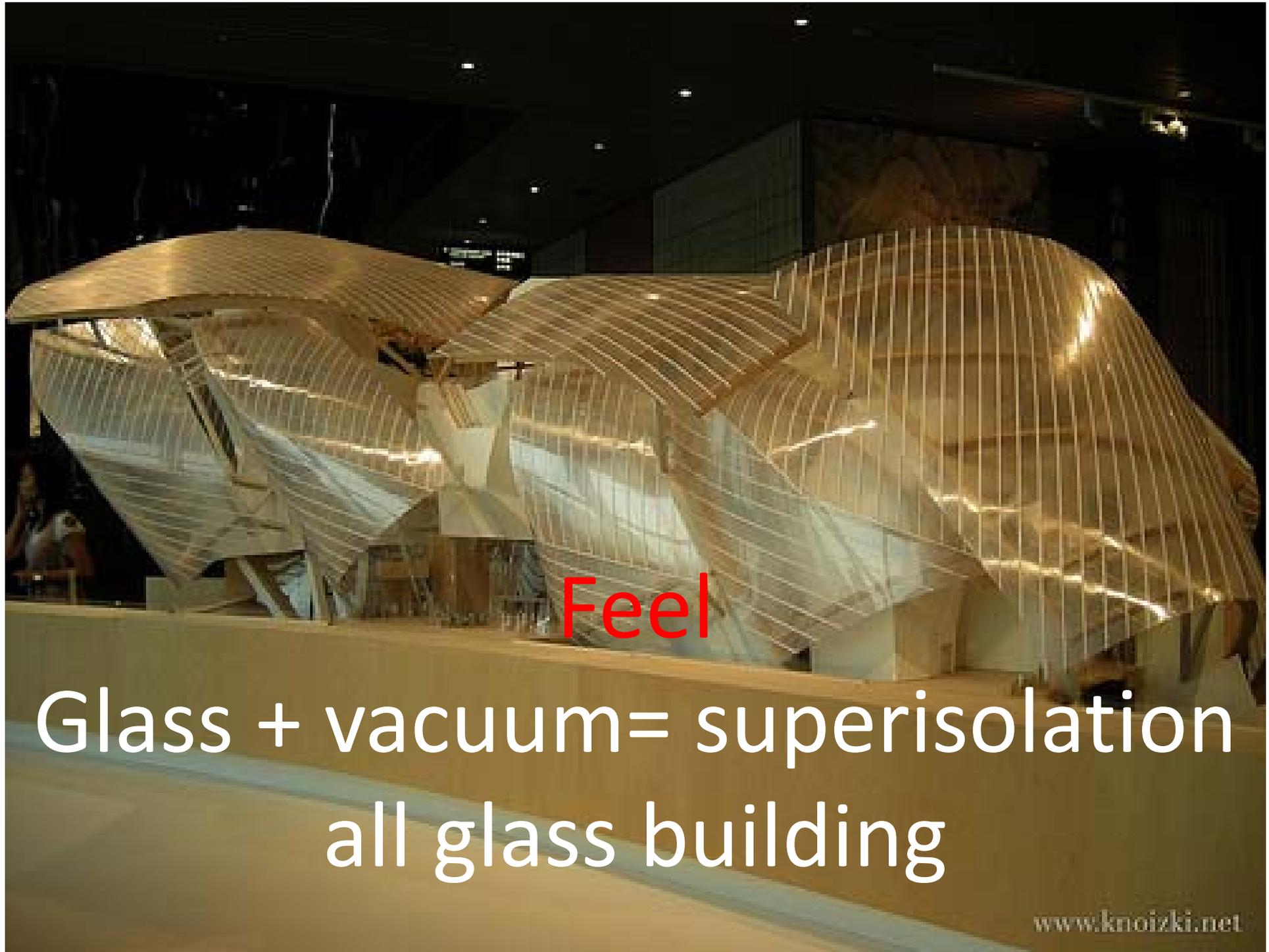
<http://www.warwickaudiotech.com/>

<http://www.itri.org.tw/eng/news-and-events/news-detail.asp?RootNodeId=050&NodeId=0501&NewsRoomNBR=185>

Sound

Glass + FleXpeaker= supersound and noise cancellation





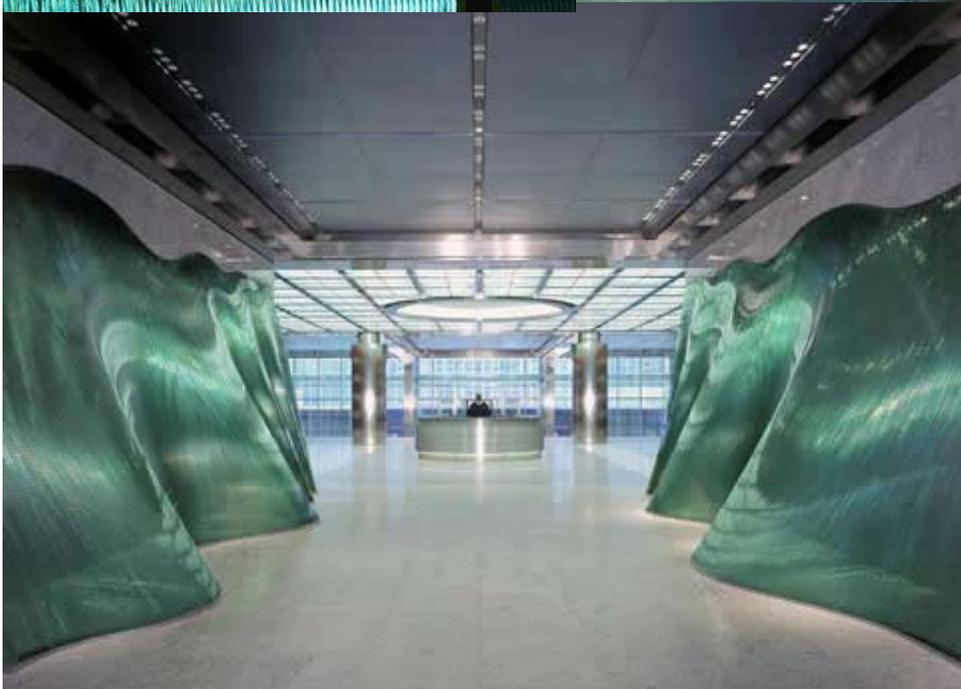
Feel

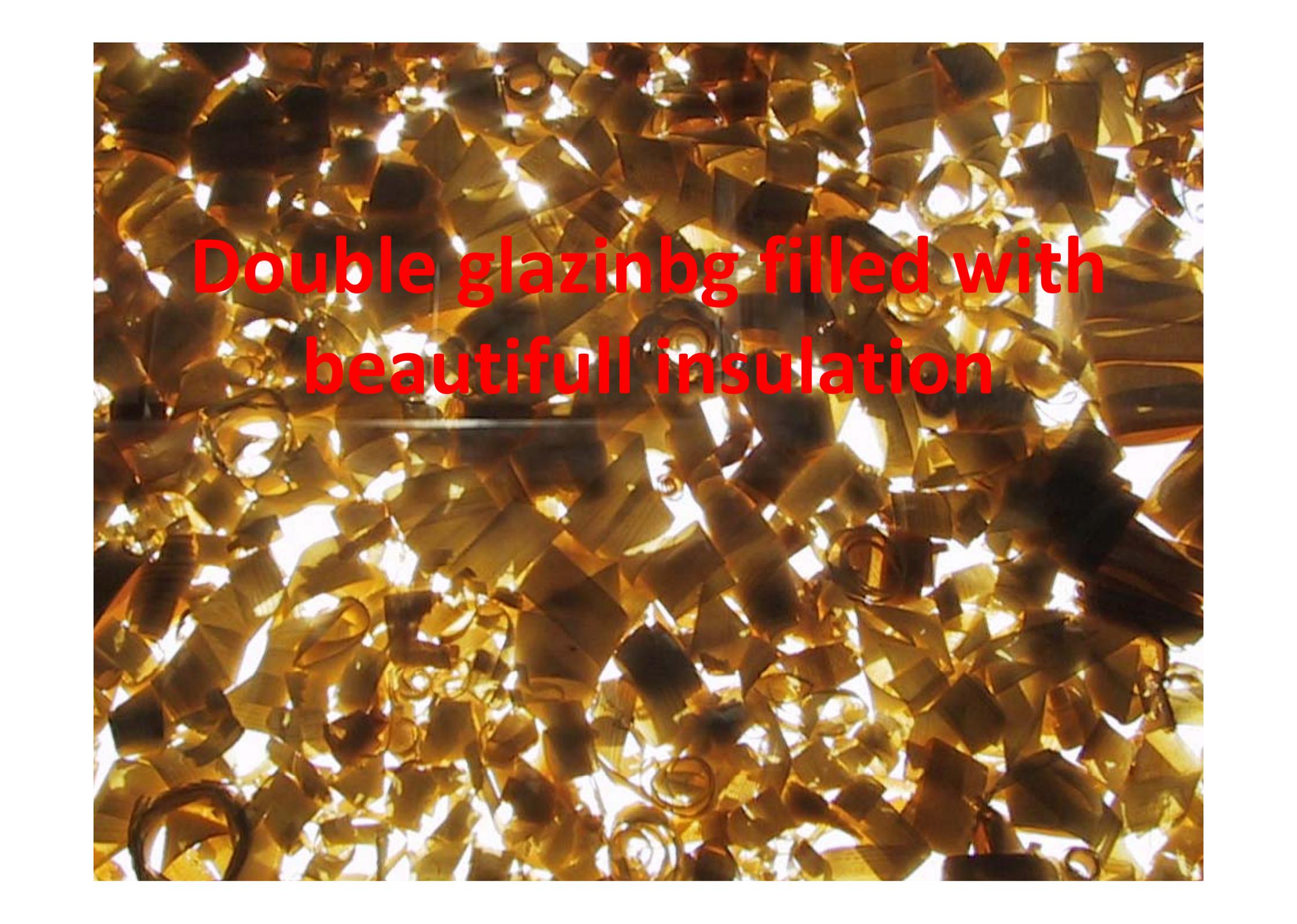
Glass + vacuum= superisolation
all glass building

Art

3D glass



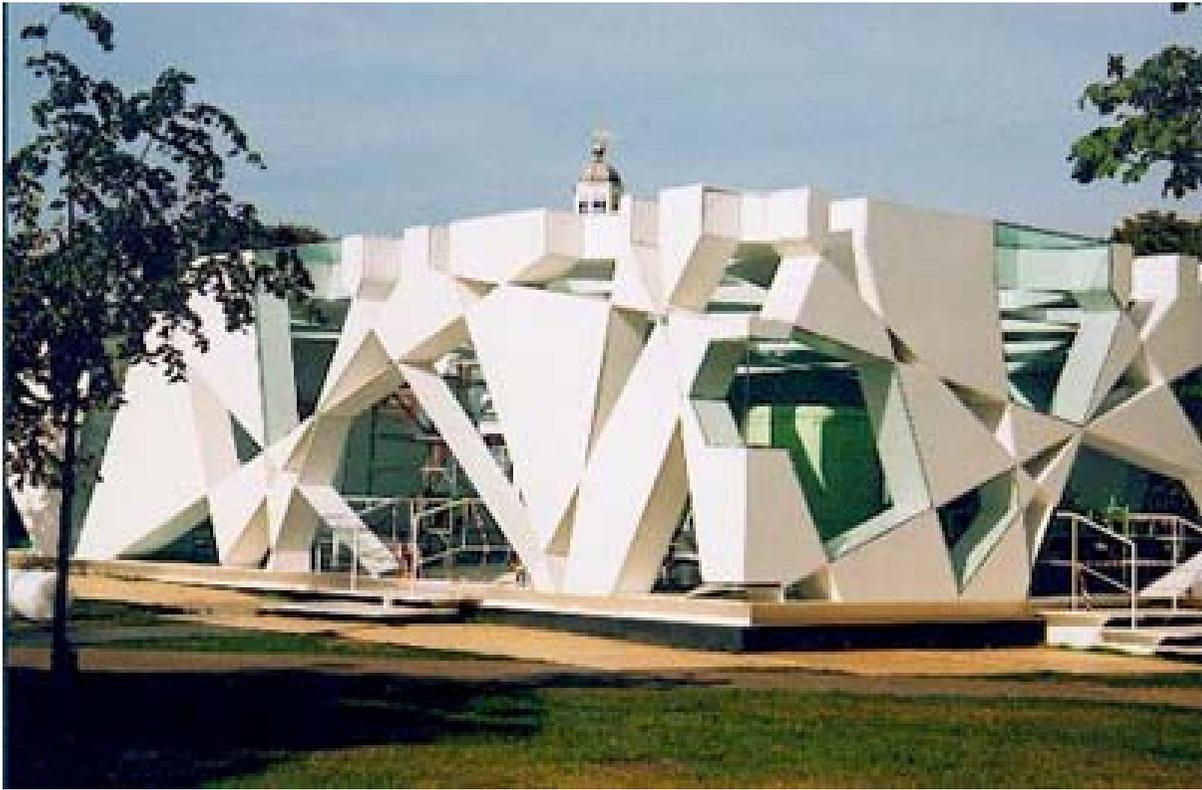




Double glazing filled with beautiful insulation

frei otto institute 3 - glass dome 2

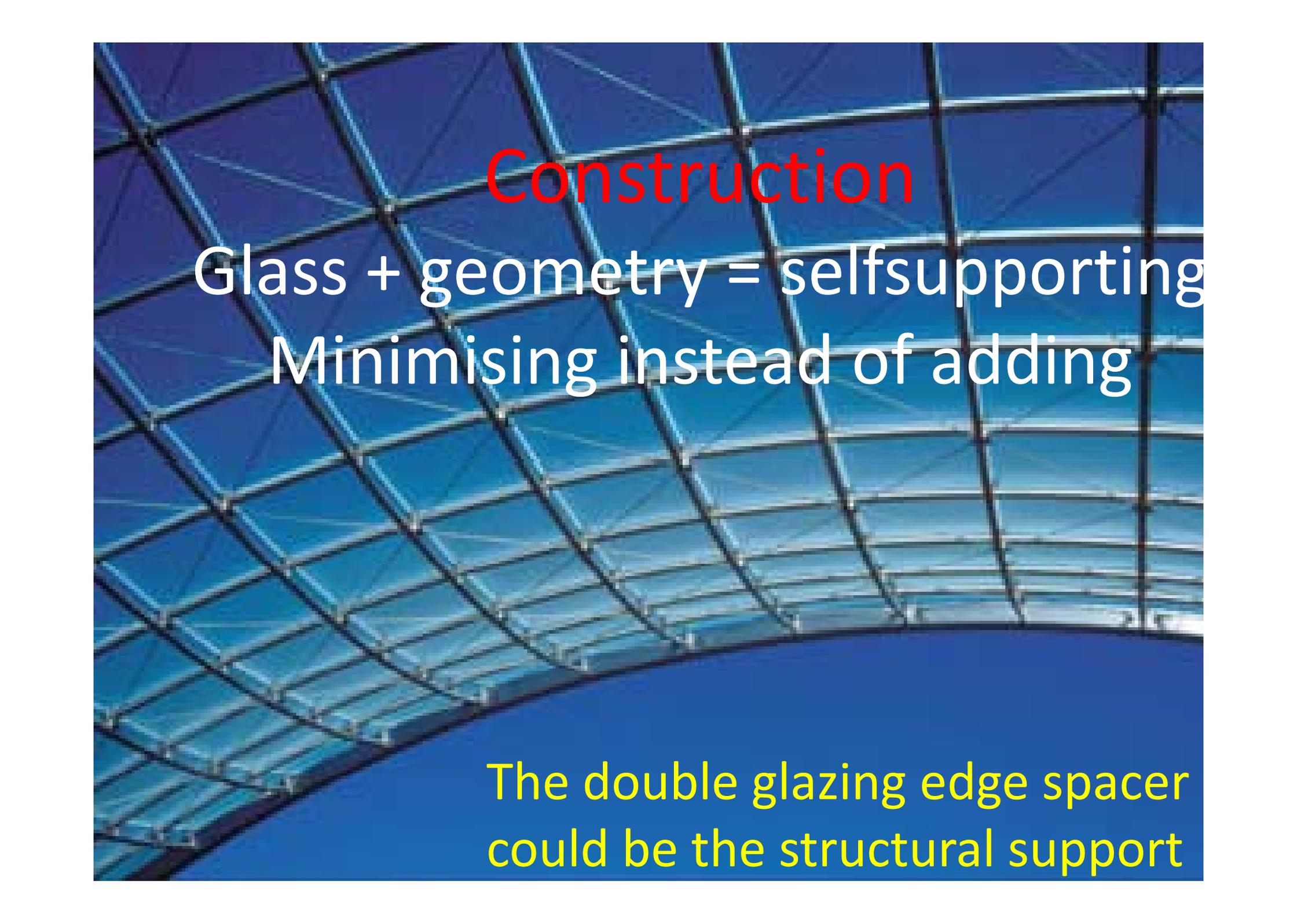






Social

Glass + city = summer all year



Construction

Glass + geometry = selfsupporting
Minimising instead of adding

The double glazing edge spacer
could be the structural support





Greenhouse effect: The good way



Vertical farming



PEPPERS



CHIVES



LETTUCE



CHERRIES



APPLES



CABBAGE



STRAWBERRIES



THYME



TOMATOES



PEAS



MINT



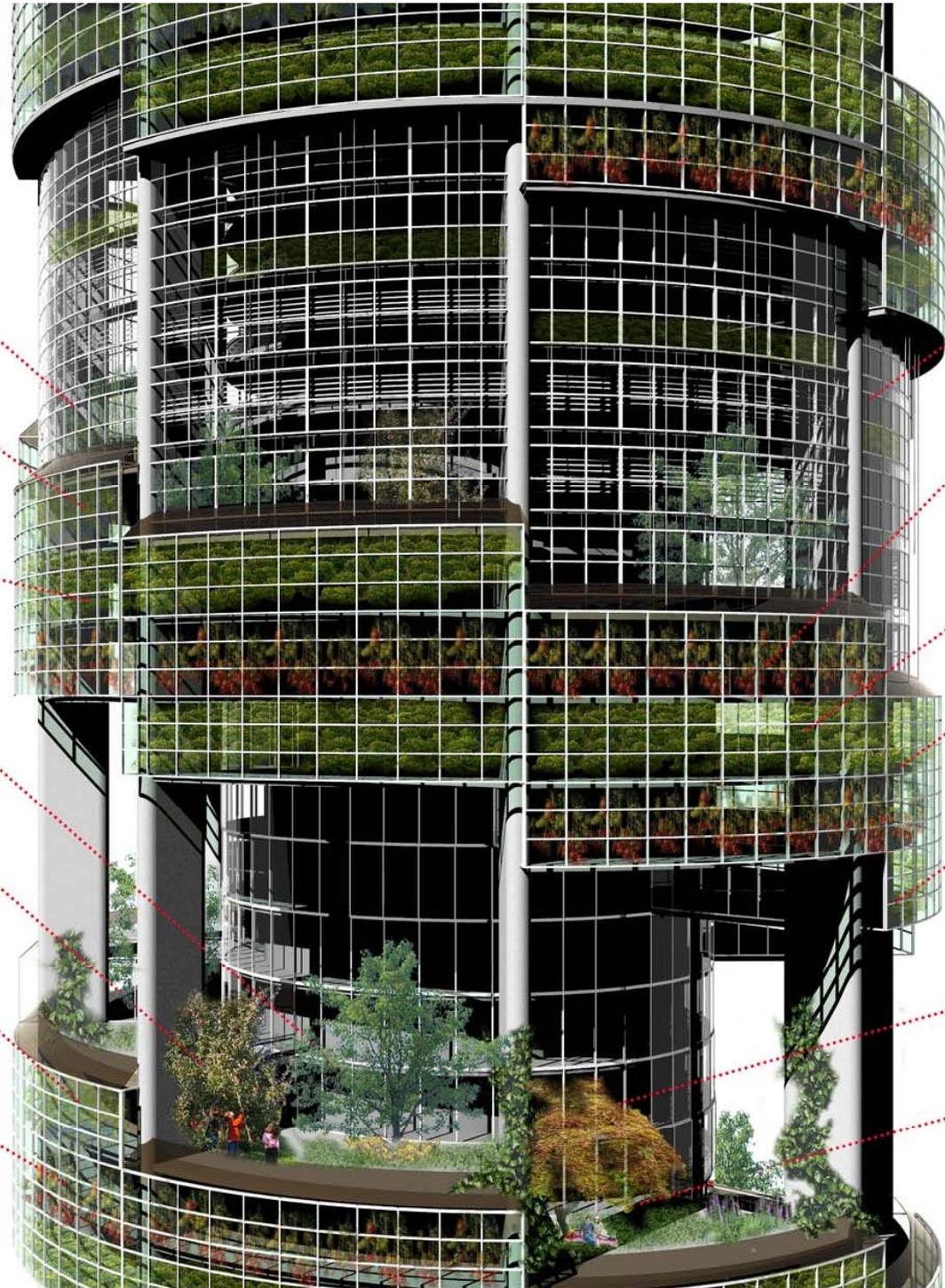
SPINACH



PEACHES



BRUSSEL SPROUTS



Who said glass anyway?



