

Schüco International

Kim Anker Nielsen

- Har udviklet aluminiums systemer siden 1951
- Har ca. 4500 ansatte
- Som udelukkende beskæftiger sig med udvikling og distribution aluminiumssystemer til vinduer, døre, facader og glastage
- Repræsenteret i over 40 lande
- ”Total-leverandør”

Baggrunden for udvikling af et nyt
system

Parametric System Facade

Normal post ringle facade



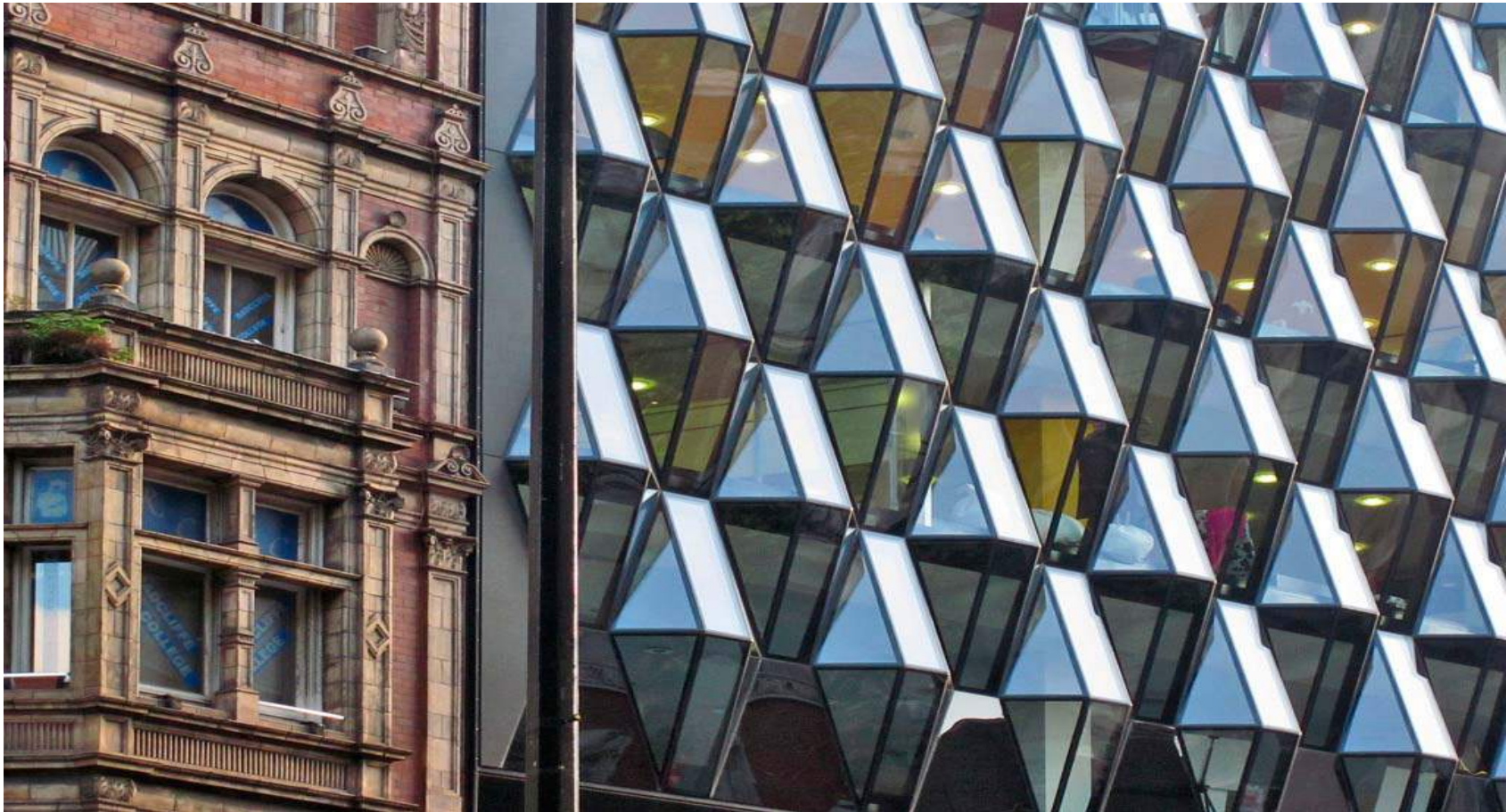
Slide 3

KAN1

Kim Anker Nielsen, 20-08-2015

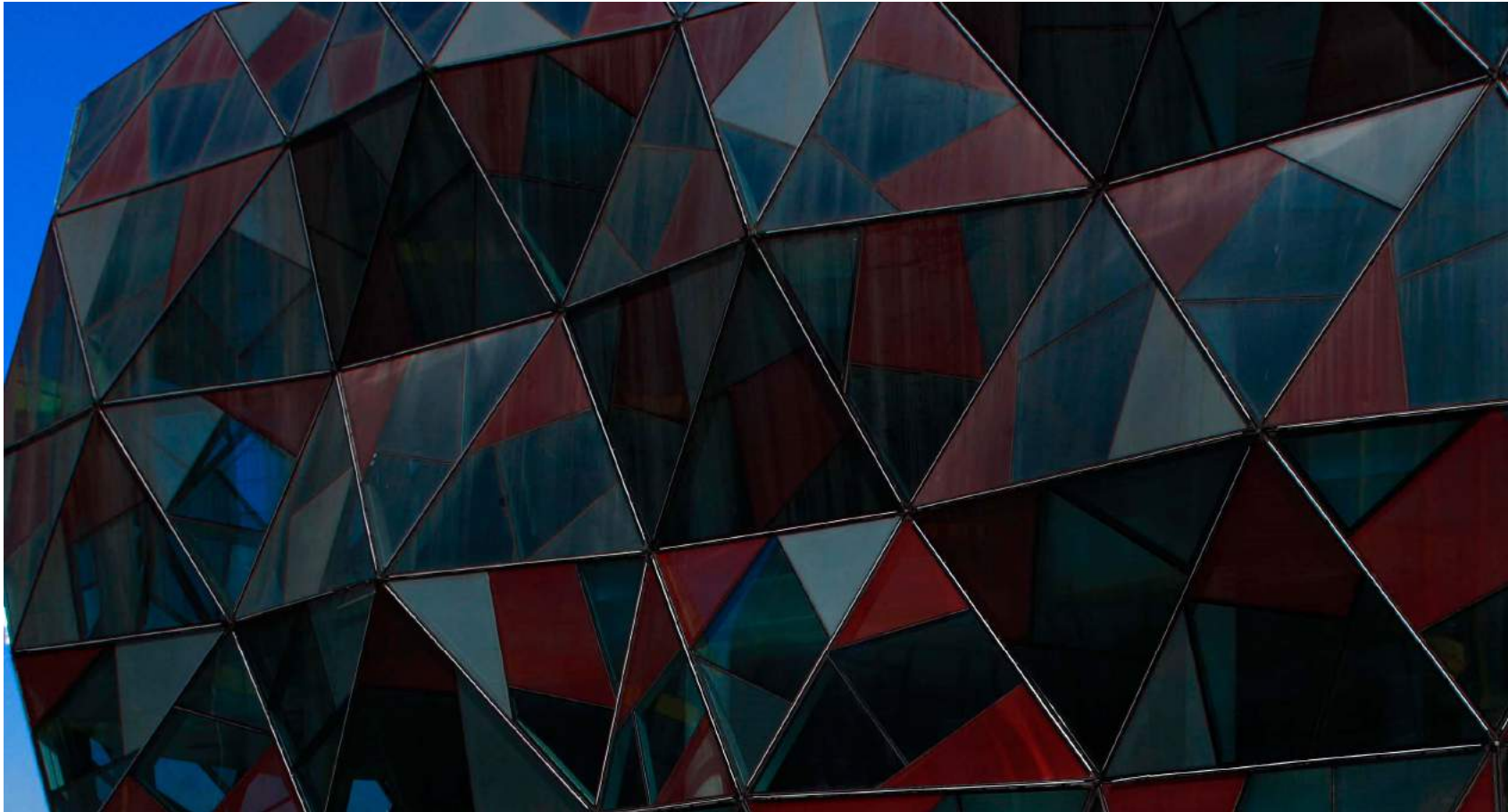
Parametric Concept

Inspiration - Oxford Street, London



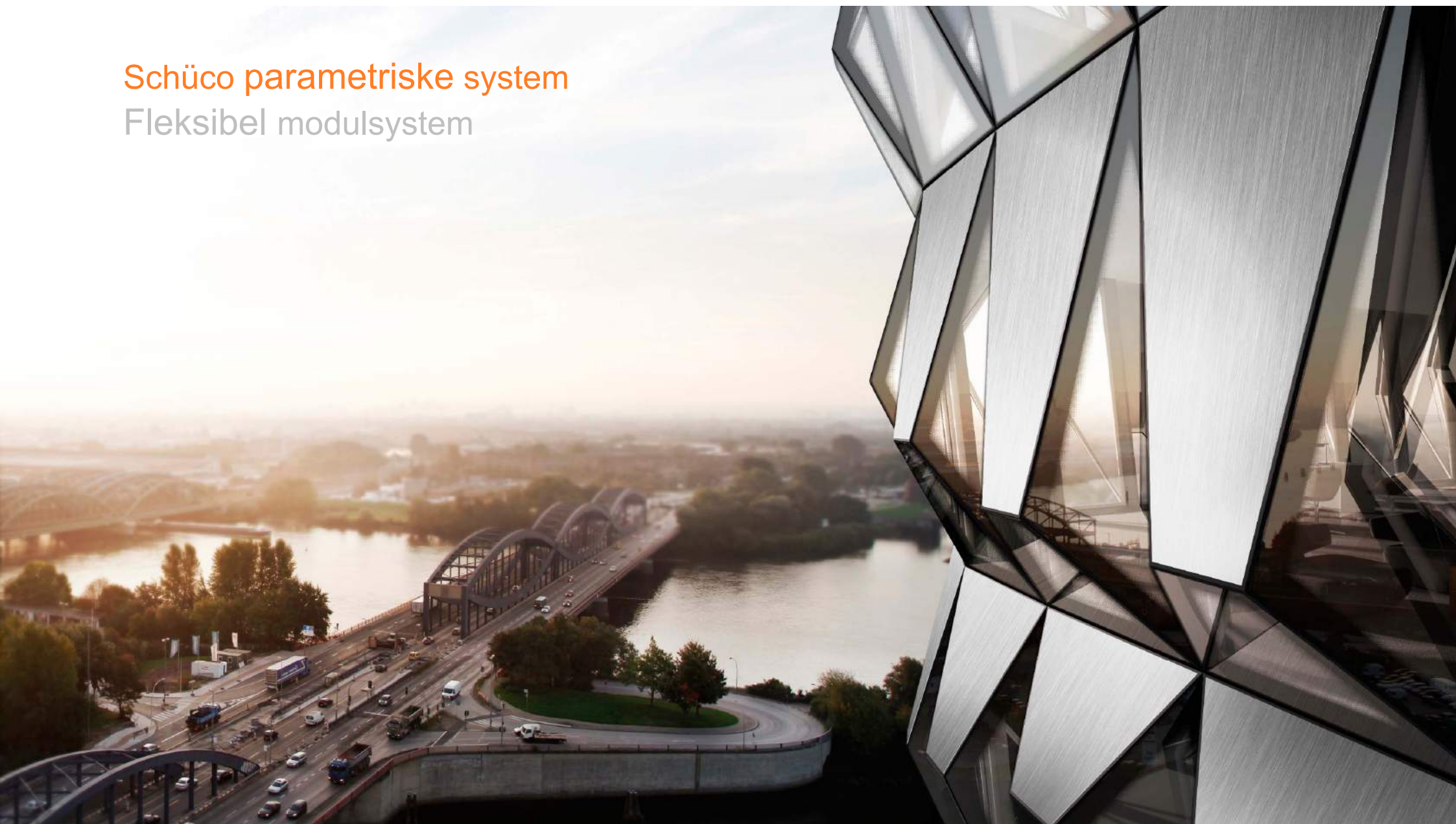
Parametric Concept

Inspiration - Cruise Terminal, Shanghai

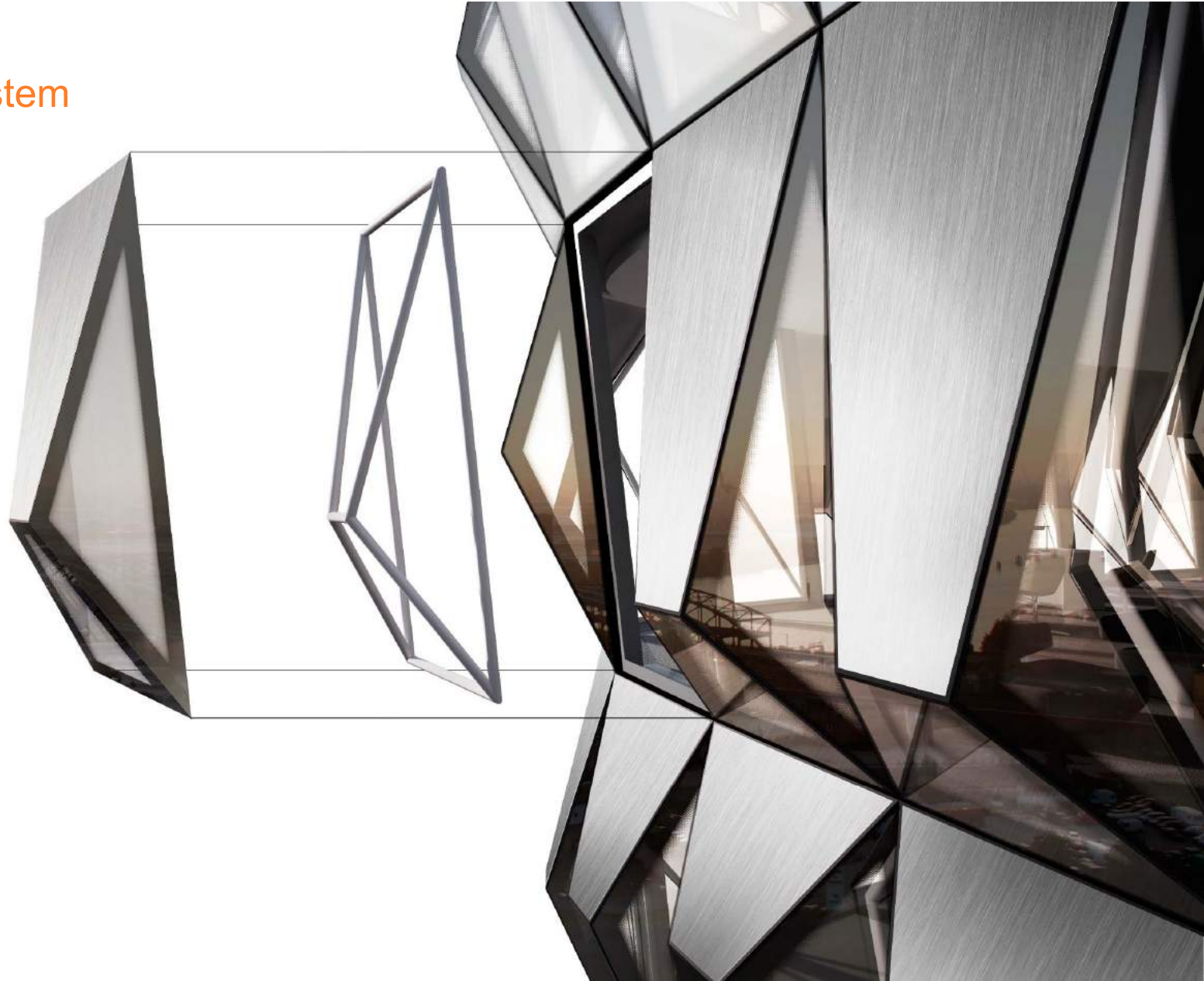




Schüco parametriske system
Fleksibel modulsystem

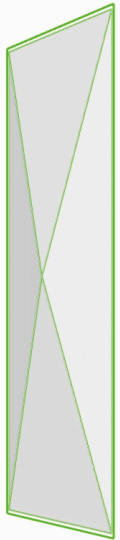


Schüco parametrische system
Flexibel Modulsystem

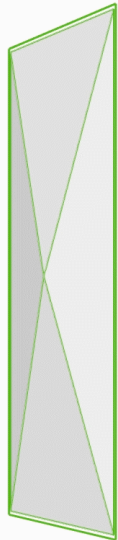


Schüco parametriske system

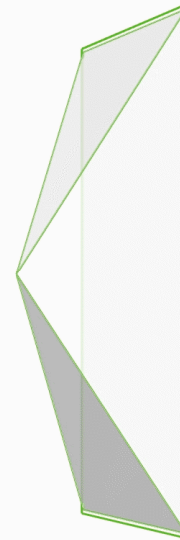
Geometrisk frihed



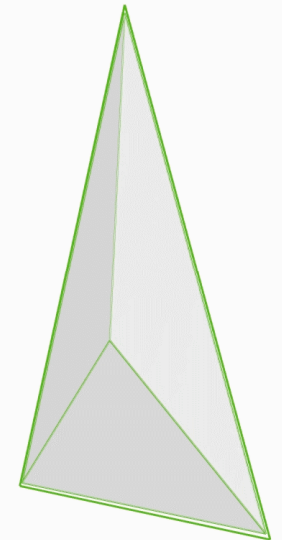
R1 / R3



R2



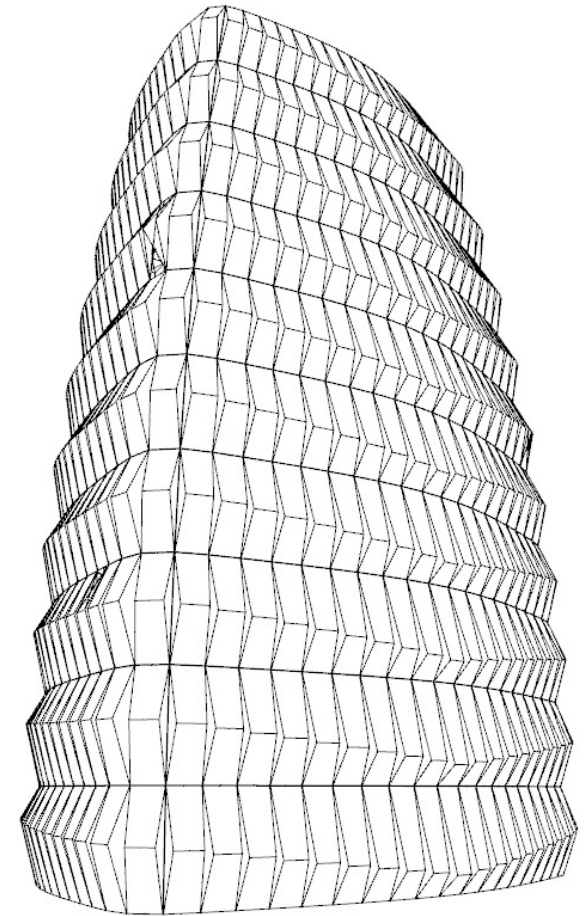
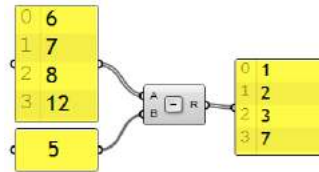
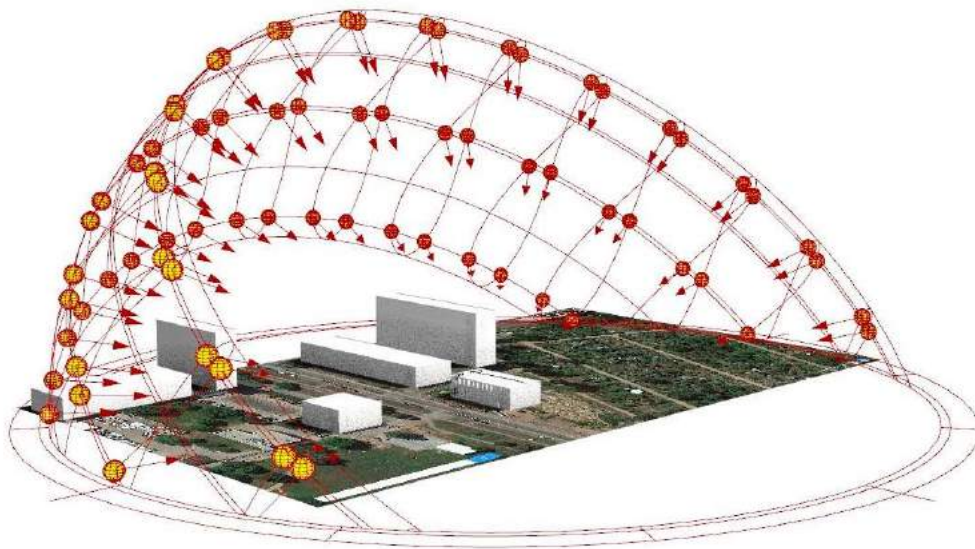
R4



T1 / T2

Schüco Parametric System

Parametrisk skitseplanlægning



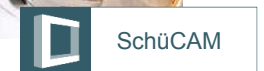
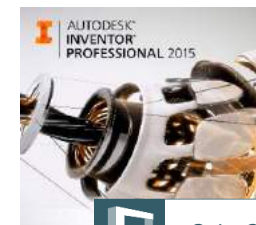
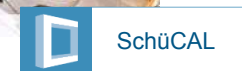
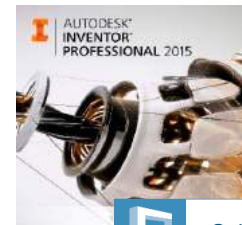
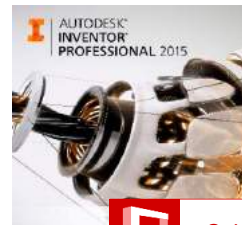
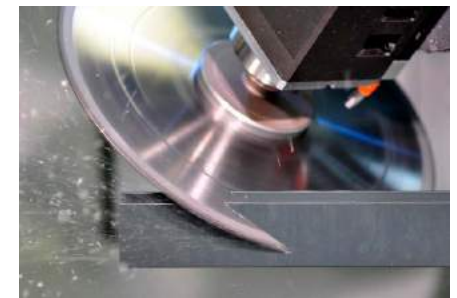
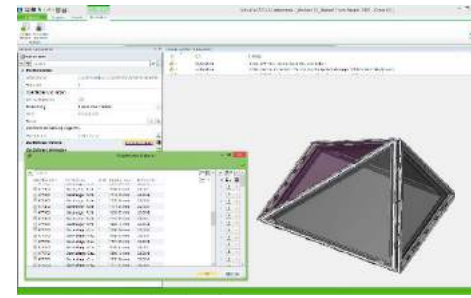
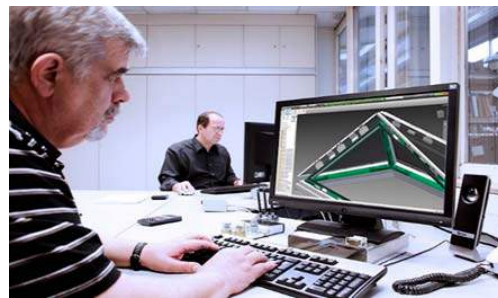
Schüco Parametric System

Planlægnings sikker proceskæde

Skitse

Detaljerings

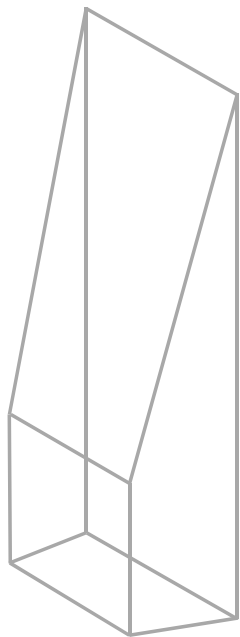
Produktion



gennemgående konstante 3D-modeldata

Schüco parametriske system

Automatisk detaljering



Skitse model

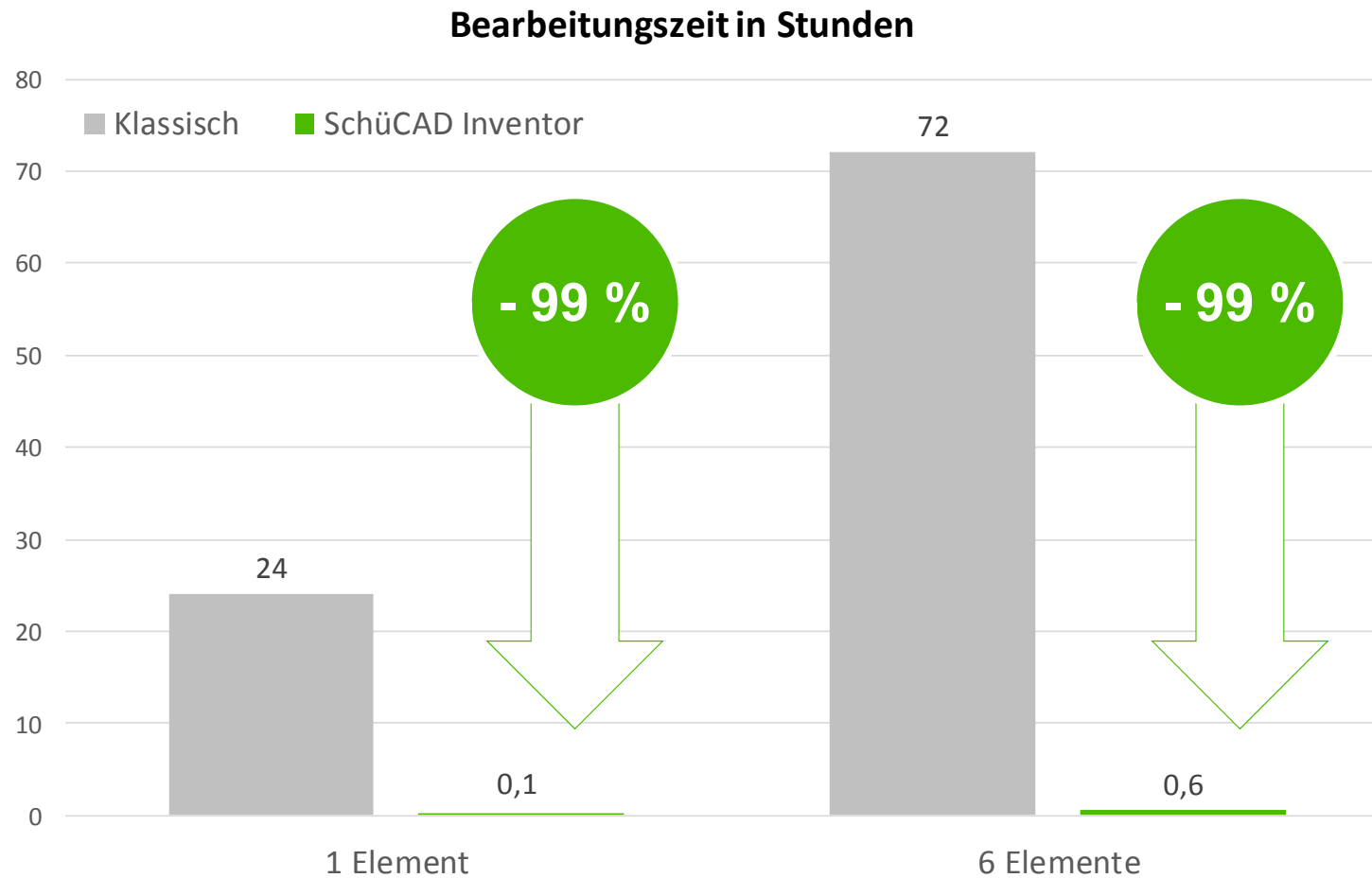
Import

Fuldstændig detaljeret model

Detaljeret mål på glas

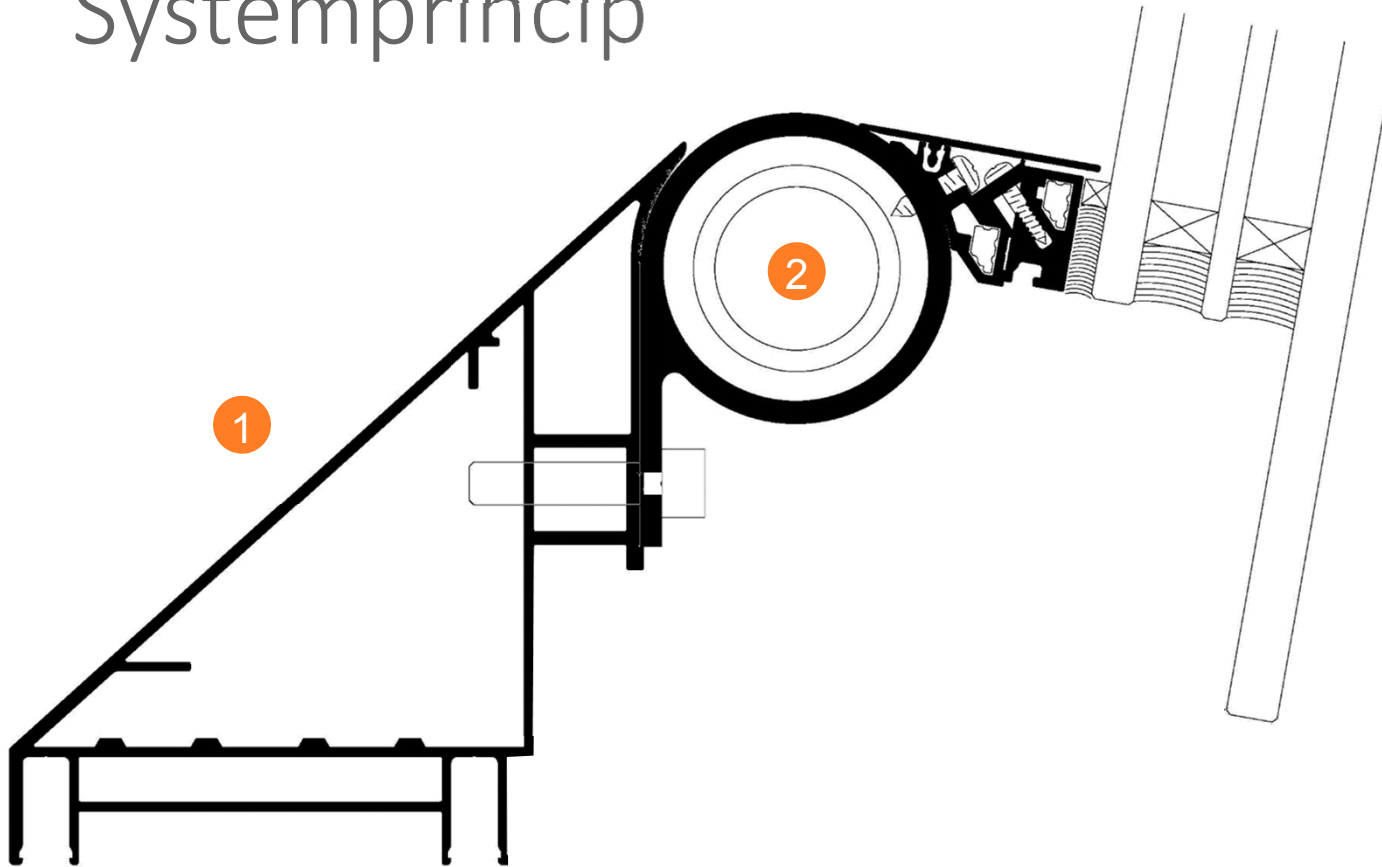
Schüco parametriske system

Tidsforbrug til detaljering



Schüco parametric System

Systemprincip



Systemopbygning

- 1 Elementramme, bygningsdels tilslutning
- 2 Rørsystem, Glas
- 3 Glasfalsisolering, Tilslutning

Schüco parametriske system

Ydeevne



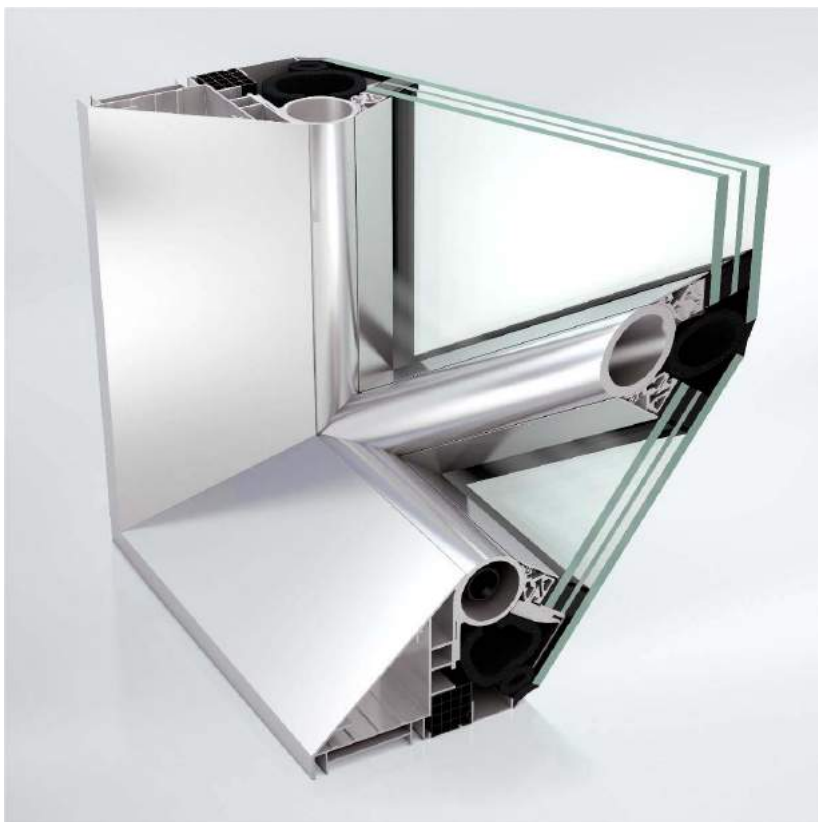
Parametric System

U_f -Værdi:	0,5 til 1,5 W/m ² K
U_{cw} -Værdi:	0,92 W/m ² K *
Glastykkelser:	28 mm – 60 mm

* Elementstørrelser: 1210 mm x 3950 mm,
 $U_g = 0,7$ W/m²K, Glasflade 13,3 m²

Schüco Parametric System

Ydeevne



Max. Elementstørrelse:

1500 mm x 4000 mm

Max. Glasvægt:

500 kg

Max. Vindlast:

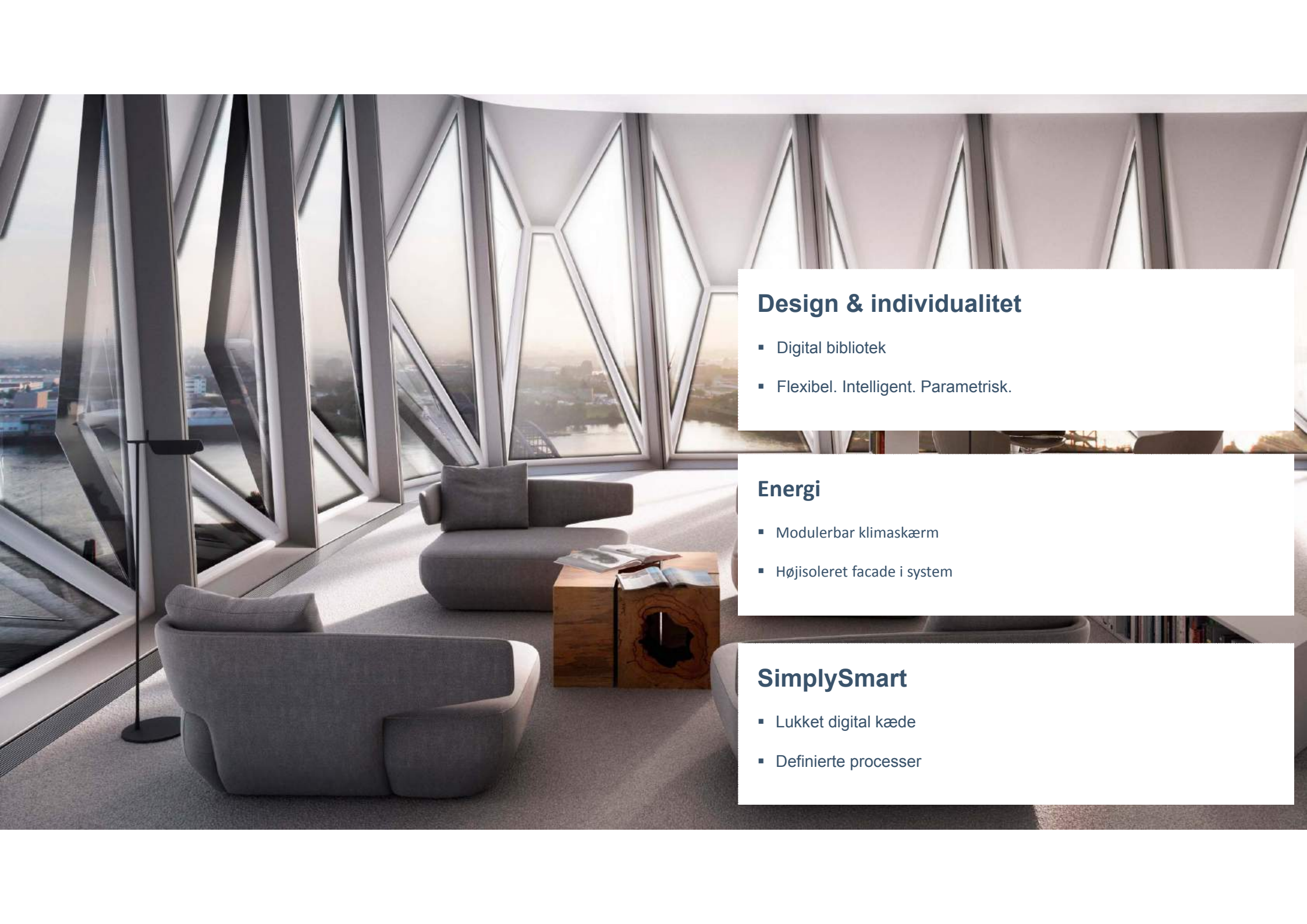
2 kN/m²

Tæthed iht. EN 13830:

til 1200 Pa

Schüco parametriske system
Unikke facader til serieproduktion





Design & individualitet

- Digital bibliotek
- Flexibel. Intelligent. Parametrisk.

Energi

- Modularbar klimaskærm
- Højsoleret facade i system

SimplySmart

- Lukket digital kæde
- Definierte processer

<https://bimobject.com/da/product/?freetext=schueco>

SCHÜCO

Bæredygtighed

SCHÜCO

Schüco Leitfaden zum DGNB System

Unterstützende Informationen zur Gebäudezertifizierung



Januar 2015

SCHÜCO

Schüco Guide for LEED Program

Supporting Information für Building Certification

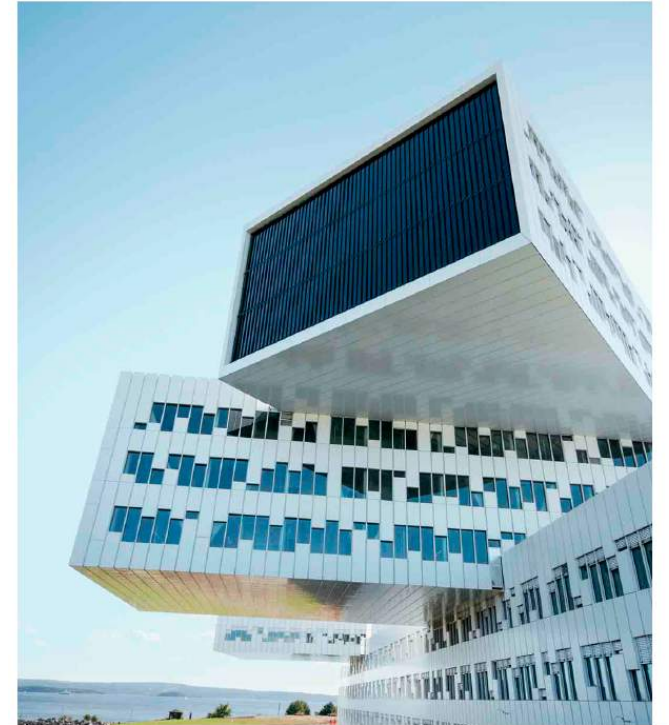


Vertriebstrainings 2015 / 14. Nachhaltigkeit

SCHÜCO

Schüco Guide for BREEAM Program

Supporting Information für Building Certification



21