

### **for builders and planners:**

- Technical translation of novel architectural approaches and material combinations under special consideration of physical und constructive edge conditions
- Construction analysis regarding thermal and acoustical insulation, artificial light and daylight, climatisation and energy balance
- Redevelopment and adoption of counter sash and double window, Stick-Systems and unitized facade elements
- Development of SSG-systems and point-supported glazing
- Design of sun protection and facade cleaning systems

### **for manufacturers:**

- Development of 3D-CAD-Strategies for design optimisation
- Development of 3D-CAM-Strategies for optimized production workflow
- System Development and System Engineering