

# STRUCTURAL ANALYSIS

PROPOSALS AND SURVEYS OF CONSTRUCTIONS

## WHAT CAN WE OFFER

- > **Structural surveys**
  - Construction of exhibition displays
  - Roof structures, roof beams, buildings, halls
  - Glass elements
- > **Optimisation of construction design**
- > **Processing of project documentation of surveyed structures**
- > **Reviews of static calculations for foreign exhibition areas**
- > **Testing of construction elements and whole construction units in authorised lab**

## PROPOSALS TAILORED TO SUIT NORMS

Our surveys are produced in accordance with the following norms:

- > European Standard EN – 1990, 1991, 1993, 1995, 1999
- > DIN – 1055, 1052, 18800, 18008:2010–12
- > SIA 260
- > ASCE 7
- > BS 5950
- > GB 50009-2001 and others

## STATIC SURVEY OF STRUCTURES

- > STEEL – in accordance with EC 3
- > WOODEN – in accordance with EC 5
- > ALUMINUM – in accordance with EC 9
- > GLASS – in accordance with DIN 18008:2010–12  
Assessment of single-layered, laminated and insulating glass.

## WE WORK WITH TOP-QUALITY SOFTWARE

- > We use the latest computer software FEM – DLUBAL RFEM 5 to create our computer models.
- > We also work with BIM – .stp, .ifc, .dxf, .dgn, .pln, .dwg, AutoCAD, TECLA structures, Archicad and others.

EXHIBITION PEUGEOT – PARIS MOTOR SHOW 2014

