

GLOBAL FORUM BUCHAREST - 2009



The ELITHIS Tower





A PRESENTATION OF ELITHIS

President:

- Thierry BIEVRE

Expertise:

- Efficiency and saving energy in building
- Engineering in HVAC

Location:

- Headquarters = Dijon, France (Elithis Tower)
- Offices = Paris / Lyon / Toulouse / Nantes (France)





A PRESENTATION OF ELITHIS

Current Development:

- 75 engineers and technicians
- CA: 6.5 M€ fees

Business Development by 2015:

- 400 engineers and technicians
- Objective: one of the leaders in energy by 2015 in efficiency and saving in building





The ELITHIS Tower

- **Architect:** Jean-Marie CHARPENTIER
(ARTE CHARPENTIER Paris)
- **Building size:** 5 000 m² of positive
energy office
- **Building details:** Ten stories of office space
with a restaurant on the
ground floor
- **Building height:** 110 feet
- **Building cost:** 7 million euros
- **Completion date:** March 31st 2009



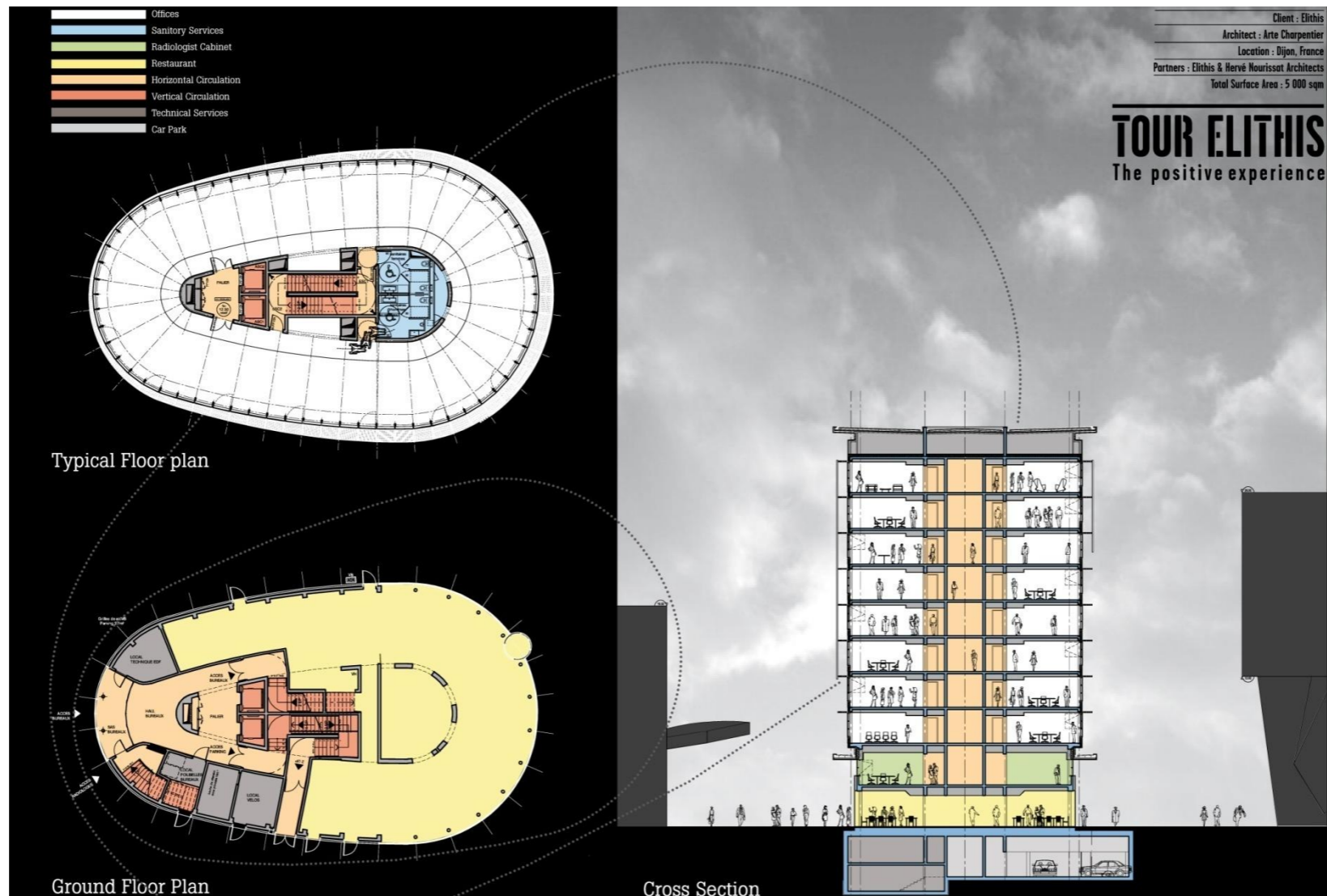


How to combine aesthetics, urban integration, comfort and energy efficiency in an environmentally friendly building at the same cost as a traditional building?

➤ *A new system of management to win the challenge of building a positive energy structure at a standard price:*

LATERAL MANAGEMENT
(of the energy performance !)







OUR NEW SLOGAN

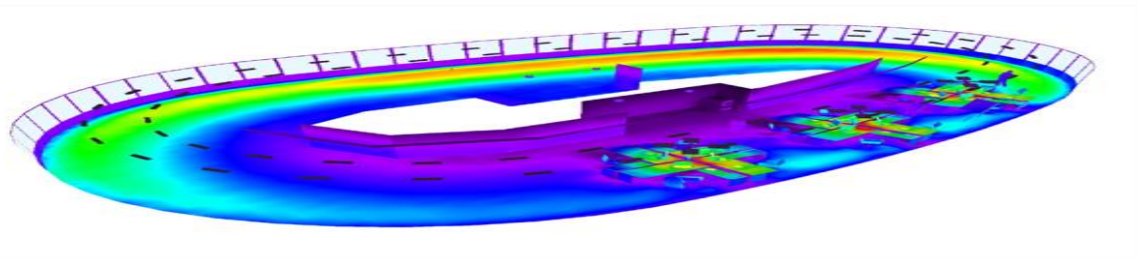
*« More grey matter for smaller
footprint »*

*Research & Development before writing the program
and integrating HVAC engineering earlier in the
process*

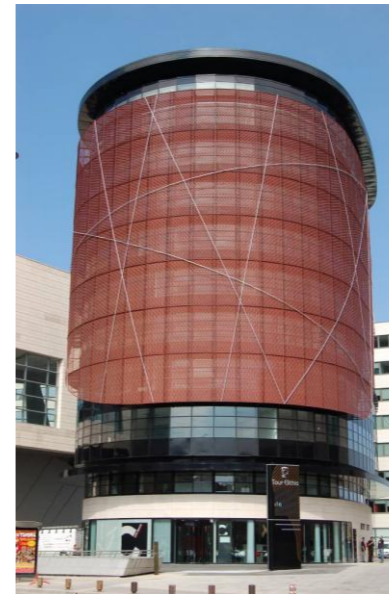
“Frees the Architectural model”



Privileged natural lighting / optimization of natural lighting



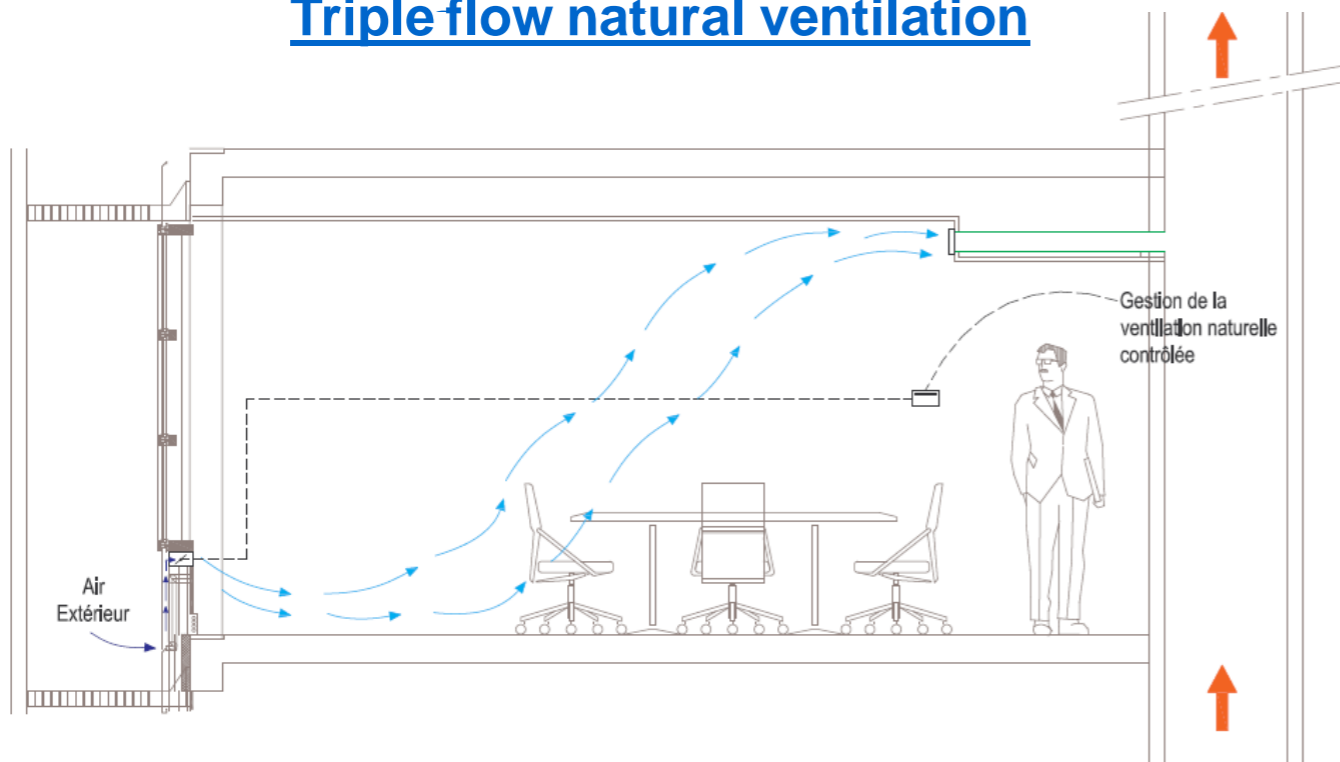
Solar shield



10 m3 of wood/year for heating all the tower

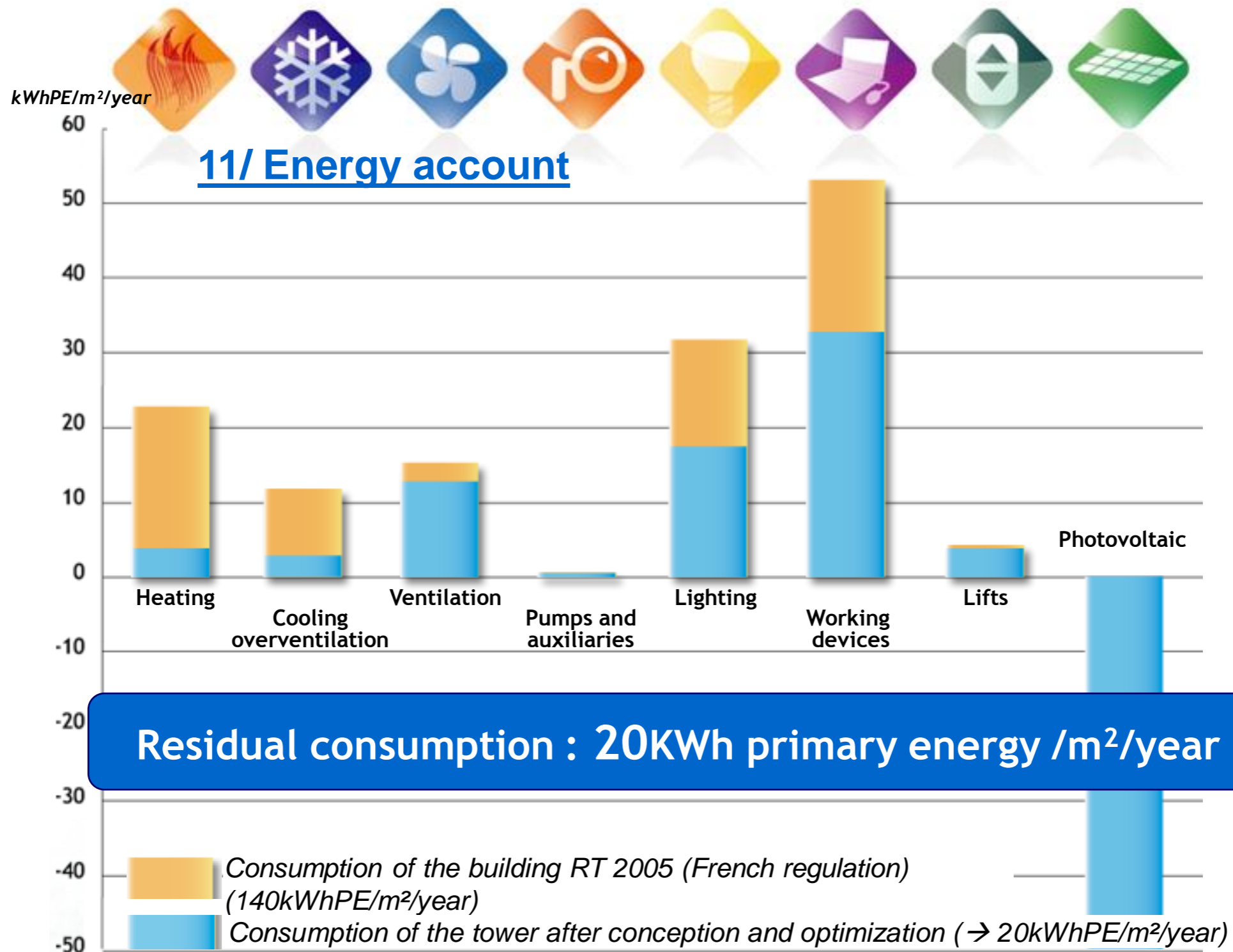


Triple flow natural ventilation



Photovoltaic panels







6 times less CO2 emissions



