

ING House



Project description

The head office of ING Group, “ING House” in Amsterdam, is a building with a unique brand of contemporary architecture. Even at the drawing board stage, there was obviously going to be a conflict of interest: key aesthetic features versus physical building requirements and the technical specifications of the systems and installations. There was an obvious tension between creative ideas and the ambitious targets for energy consumption.

This large-scale project is a textbook example of interdisciplinary collaboration between client, architect, construction engineer and engineering consultancy. Opposing interests did not lead to conflicts or impasses. Quite the reverse: early integration of the various elements and the multi-disciplinary approach united installations and structural requirements with the custom architecture.

The building features a completely transparent shell, known as a double-skin façade. The method offers a number of advantages in terms of perception and use, including windows which open with minimum effort and without excessive traffic noise.

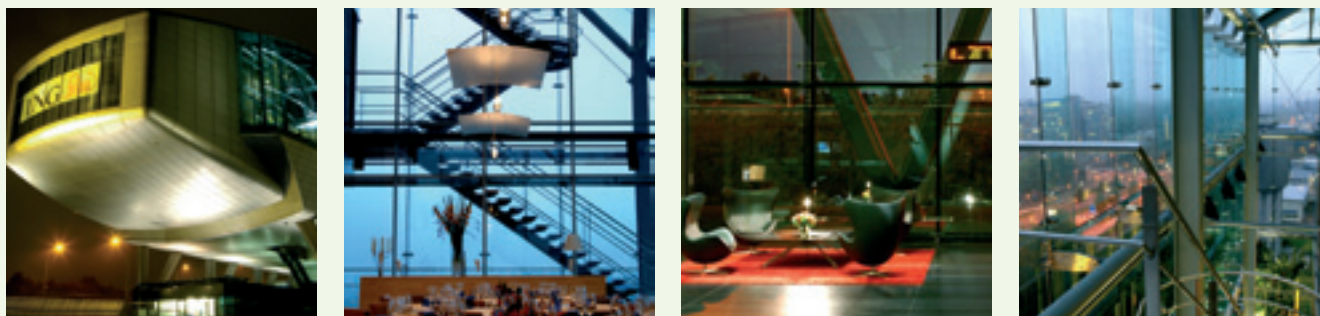
Royal Haskoning *inspired* by Cradle to Cradle®



ROYAL HASKONING

thinking in
all dimensions

ING House



Cradle to Cradle® features

The building incorporates the following Cradle to Cradle® features:

- Compact building on a compact site;
- Dual use of land: garden and public admission on established paths;
- Internal gardens serve as “lungs” for the building and contribute to a healthy interior climate;
- Rooms and facilities can be divided flexibly (interior is adaptable overnight);
- Heat recovery from air conditioning;
- Double-skin façade for optimum transparency, sound insulation and sunlight reflection;
- Very good insulation value from second-skin façade (transition climate);
- Internal gardens promote water retention and biodiversity;
- Use of healthy materials with low emissions;
- Water saving measures (sanitation);
- Daylight regulation by sensors in rooms and daylight-sensitive lighting.

Client

ING Corporate Real Estate, The Hague

Royal Haskoning consultant

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Disciplines

Mechanical engineering

Electrical engineering

Transport systems and installations

Building physics

