

## Plac Unii project Warschau

In the city centre of Warsaw a skyscraper is being built that will house offices as well as retail possibilities. Ingenium executes all the required energy and comfort studies and provides advice on how to optimize the level of energy performance of this project.

WSP Enviro Sp. guides the client towards the achievement of a Breeam-certificate 'very good'. Ingenium executed all the required energy and comfort studies and provides advice on how to optimize the level of energy performance of this project.

The Polish Architect prof. Stefan Kuryłowicz designed a building that reminds us of one of the oldest and most famous skyscrapers of New York, the Flatiron Building. Ingenium did simulations on daylight, thermal comfort and energy in order to achieve credits for HEA1, HEA 10 and ENE1 of BREEAM. In addition Ingenium also realised the feasibility study for ENE 5 of BREEAM. Connecting the building to the city's heat distribution network is the best solution to provide the required heat.



Reference: 11021.001

### Developer

Liebrecht & woD

### Designer / Architect

Prof. Stefan Kuryłowicz

### Location

Warschau

### Surface

47.300 m<sup>2</sup>

### Periode Study:

2010-2014

### Sectors

Smart office building

### Services

Building services  
engineering