



Gebouw de Heuvel

Climate adaptation measures by using rooftops.

Yellow - energy

Red - social

Green - vegetation

Blue - water



Foundation 'Gebouw De Heuvel', (world heritage, Unesco) provides meeting spaces and facilities for volunteer and non-profit organizations at an affordable price. Due to the buildings iconic appearance, location (center of Rotterdam) and its special historical value, the building should play an exemplary role in sustainable development for the city of Rotterdam. As the owner of building 'De Heuvel', the foundation aims to make the roofs of the building available for climatic adaptation measures also contributing to the social function of the building.

Gebouw De Heuvel will also serve as a debate center for climate adaptation in Rotterdam and The Netherlands. The multi functionality in use of the roofs will give an extra dimension to this ambition, as the roofs can be used as a platform for climate lectures and debates. Furthermore, Gebouw De Heuvel has a broad target audience ranging from business executives to primary schools.

The programs on offer, will not restrict themselves within 'Gebouw De Heuvel', but will also aim to challenge other groups from outside to organize similar climatic programs in the building.

The maintained concept is unique because of its different possibilities in use and can be implemented in one public building. These different uses are represented by four colors:

- Yellow** - 'energy roofs' with solar panels and wind energy,
- Red** - 'social roof', as meeting spaces and lecture areas with a view, horeca with a skybar. Plants with edible flowers en fruits.
- Green** - 'green roof' as in a roofgarden with vegetables and herbs used for local restaurants, creating a local oasis in the city.
- Blue** - 'waterroof', like an infinity pool for water storage for the entire building, a fish farm and a biofilter. These will be a source for the green city planning

