

LYSGÅRDEN, NORWAY

A magnificent glass roof enhances sunlight benefits in addition to a great **acoustic performance** and **innovative design**



UNIQUE LIGHT DIFFUSION THROUGH A GLASS ROOF

Lysgården is one of the world's most modern and innovative office buildings, part of the district Sluppen in Trondheim, called New Trondheim. The district connects technology and industry, and the focus here is buildings of the future. There are about 6000 Rockfon baffles installed hanging down in the airy and bright rooms in Lysgården. Their meticulous suspension creates a sharp pattern with a unique atmosphere. The baffles give sun shade from the glass roof, and divides the light into small stripes of sun and shade giving the same effect as the leaves of the treetops in a forest.

Lysgården is one of Trondheim's most visible, iconic buildings. Light in combination with glass is an important element in this eye-catching building. The construction of the building started in 2016/2017 and was finished in June 2019. There are six floors and each office level has the flexibility to adjust their interior to different solutions to fit 80 to 180 workspaces.

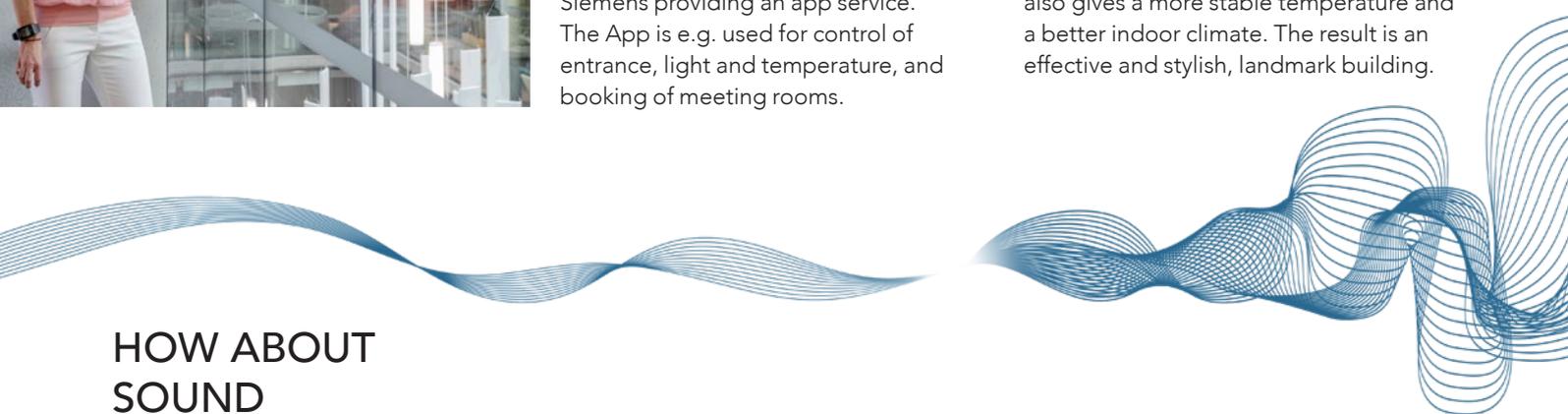




THOUSANDS OF BAFFLES FOR A 'WOW-EFFECT'

The building is a joint venture between Kjeldsberg AS and Veidekke Eiendom, and tenants are Veidekke, Sweco, DNV GL and Kinly. The goal was for Lysgården to be one of the world's most modern office buildings, using modern technology to save energy. Lysgården's design, choice of building materials and technical solutions are extreme, with Siemens providing an app service. The App is e.g. used for control of entrance, light and temperature, and booking of meeting rooms.

The cafeteria is spectacular and gives a "wow-effect". But most importantly; this is a building where people feel well. For the architect, Kjell Bertelsen at HUS Arkitekt, it has been important to create good working spaces with lots of daylight. There is also a lot of exposed concrete in both walls and ceilings, which in addition to a nice visual expression also gives a more stable temperature and a better indoor climate. The result is an effective and stylish, landmark building.



HOW ABOUT SOUND ABSORPTION?

Rockfon's 6000 acoustic baffles provide good sound absorption, which is very important in open plan offices. They give comfortable acoustics by reducing noise and reverberation and thereby provide a healthy indoor climate. Thanks to the combination of good aesthetics and technical performance the baffles are perfect for modern office buildings. In Lysgården, Rockfon Contour baffles are installed in the open offices, and Multiflex baffles are installed in the atrium, providing a minimalistic impression and a freedom of design. The building is both environmentally certified as a passive house, BREEAM Excellent certified, and uses a brand new technology based on the ambition to build the world's most modern office building.

