



HAMBURG ELBPHILHARMONIE HAMBURG, GERMANY

Smart Space, BuroHappold Engineering's people movement consultancy team have been appointed by Herzog & de Meuron to assess and optimise the flows of the external area of this iconic multi-function development which will include 2 concert halls, hotel, residential apartments, tourist plaza and restaurant. The flows of pedestrians will connect to local transport links including shuttle bus, metro and coaches.

The objectives of our study was to understand user preferences, attractors and behaviours; optimise the internal circulation; and identify the impact on the surrounding area with respect to accessibility and interaction with transport hubs and other land-uses nearby.

Our study assessed the expected performance of the building and recommended practicable solutions for improving circulation within the constraints of the design. Focussing optimising the circulation of tourists and concert goers at the entrance level,

viewing galleries and plaza level; and optimising the capacity of the vertical transport provisions and other functions including cloakroom facilities.

As part of a larger project for this significant site, we have worked with Buro Happold's Transport team, Hamburg city authorities, city's transport planners, event organisers, car park operators APCOA, etc to conduct a comprehensive survey of pedestrian and vehicular movements on the existing site to help the client understand the impact of the operations of this new multi-function building on people and transport flows in the surrounding area and their interactions.

CLIENT
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People Flow / Space Analysis
