

PROJECT: LIVING AREAS



HUMAN
AND ENVIRONMENTAL NOISE

ENVIRONMENTAL NOISE NUISANCES AT LIVING AREAS

Environmental impacts of noise



Country: Sweden
Region: different regions
Client: Engineering Company (subcontracting)
Year: since 2016
Duration: up to 2 Weeks / each
Value: - - -

Background:

The importance of noise as an environmental factor in living areas is increasing. Acoustical aspects of the residential buildings paired with noise factors identified in the surrounding area cause complex and unobvious environmental conditions. To identify and define the local acoustical climate, noise modelling and mapping in small scale might be a reasonable tool for decision makers.

Scope of work:

Input data were provided by the client and final results in form of set of noise maps were prepared for different noise sources in day/night variants. Service included a revision of 3D terrain model (DTM) and then noise calculation and noise modelling for relevant noise sources i.e. roads, or specific industry. A number of services have been provided for the client remotely, each one of them concerned a different object.