## PROJECT FACT SHEET



## Feasibility study for the installation of a noise barrier to reduce ground noise impact Mumbai Chhatrapati Shivaji Maharaj International Airport

As part of its noise action plan, **Mumbai International Airport Ltd.** requested Anotec and its Indian partner NDGS to conduct a feasibility study for installation of a noise barrier at CSMIA, Mumbai. The main objective of such barrier would be to reduce the impact of noise, generated by ground operations like taxiing aircraft and engine run-ups, in the neighbouring residential areas. In the first phase of this study a comprehensive noise measurement campaign was performed and detailed information on land use gathered. Based on these data a noise model was set up and the noise impact of the ground operations was calculated for a variety of noise barrier designs. In the final phase, the most feasible option for the noise barrier was designed in more detail.



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