

13 December 2023

Press Release Immediate Release

Dutch Scientific Report Validates Noizend's Low Frequency Noise Reduction Development

In the 2023 highly scientific study in the Netherlands; this Dutch report states that 44% of all noise complaints to health authorities represent low frequency noise complaints. Noise pollution currently constitutes the third largest environmental pollutant in Europe affecting about a quarter of the European population. Common complaints included sleeping difficulties, fatigue, or annoyance and societal consequences were described as adversely affecting housing, work and relationships.

The study outlined the many ways the participants tried to reduce the low frequency noise. The main methods tried being earplugs/earphones, closing/opening windows, and changing the bed position which were rated as unsuccessful by the majority of participants.

This is the report's final conclusion "To conclude, it is evident that affected individuals are suffering and it seems that we currently cannot provide relief or remedy, as we do not understand the fundaments of their condition."

"This is exactly why Noizend exists to provide a solution to chronic low frequency noise pollution. This Report thus validates Noizend's low frequency noise reduction project," said Paul Monsted Managing Director of Noizend.

Noizend's use of active noise control is a better solution. This is because the targetted low frequency sound waves will be significantly cancelled by the Noizend Shield creating an anti-sound wave which reduces the noise considerably.

The Dutch Report is entitled "Low-Frequency Noise: Experiences from a Low-Frequency Noise Perceiving Population". It was published by the International Journal of Environmental Research and Public Health. It can be accessed through MDPI, a publisher of open access scientific journals at https://doi.org/10.3390/ijerph20053916.

About Noizend

Noizend Pty Ltd is a new Australian company established to reduce chronic low frequency noise that adversely affects everyone. This will be done by use of active noise control as used in noise cancelling headphones but in wider environments. Noizend is working in collaboration with the University of Technology Sydney (UTS) at its specialised Centre for Audio, Acoustics and Vibration facility in Sydney Australia.

Contact

Paul Monsted Managing Director info@noizend.com +61(0)413765599

https://www.noizend.com/

###