

# Environmental Sustainability Acoustics

DUTIES AND OBLIGATIONS  
FOR RESIDENTIAL  
BUILDINGS



Civil Non-Profit Association Environmental  
Acoustic Monitor





*“When it comes to blowing leaves around uselessly and creating an insane amount of noise, this model can’t be beat.”*

Sustainable Development Goals



This brief publication is the result of a more extensive research, to be published, which collated some of the main discussions around the theme of environmental noise pollution, at national and international level.

From the sources, it is worth highlighting, at least, the recent approval of the *Rights to Clean, Healthy and Sustainable Environment*, by the UN (res. no. 76, 2022), and the set of fundamental rights of protection of people in the *Brazilian Federal Constitution*, with emphasis on the Federal Laws no. 9.605/1998, no. 9.795/1999, no. 10.650/2003, no. 13.186/2015, in addition to the *Consumer Protection Code* and the *Consolidation of Labor Laws*, arts. 190 and 191, 192. In addition, we must thank the tireless Ericson Scorsim for the publication, which shall be called *Smart, Healthy and Sustainable Condominiums*, whose research is the soil and seed of this initiative.

The biggest challenge is to gather the vast literature on some fundamental points, at the risk of inaccuracy. But, like everything that aims to practice, we remain resolute in the purpose of offering, rather a material always under review, but with academic rigor, than add a point to the status quo, where each and every one continues, at last, to its own account.

*Environmental Anti-Noise Association*

Curitiba, April 2023

# 1

The management of Residential Building must adopt rules, standards of quality and procedures to promote indoor and outdoor soundscape environmental sustainability.

Also, to promote the principle of acoustic efficiency of equipment machinery, tools and services used in Buildings and its residents.



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# 2

The management of Residential Building must adopt measures to Eliminate, Reduce and Isolate noise produced by equipment, machinery, tools and services used in the Buildings and its residents.



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# 3

The management of Residential Building must respect the right to property, housing, home inviolability, work, comfort and well-being, the right to health, residential soundscape environmental quality, environmental peace and environmental safety, among other to avoid noise.



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# 4

The management of Residential Building must refrain from hiring services that use noise-pollutant machinery, equipment, tools and services.



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# 5

The management of Residential Building must adopt measures to Eliminate, Reduce and Isolate Noise from equipment's garden and adopt quieter equipments.



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# 6

The management of Residential Building must adopt environmental transparency, governance and compliance rules and norms quality of residential soundscape environmental management.



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# 7

The management of Residential Building must adopt soundscape environmental quality protocols to monitor and register noise incidents reported by residents through notifications and resolution of conflicts on an emergency basis.



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# 8

In their residential areas, the management of Building must collaborate for the care and quality of environmental soundscape as well as adopt protocols of environmental sustainability and efficiency, with measures to eliminate, reduce and isolate noise produced by equipment, machinery, tools and services.



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# 9

The management of Residential Building must adopt clean, healthy and sustainable technologies, in conformity with soundscape-quality protocol.



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# 10

The management of Residential Buildings must adopt protocols for smart, healthy and sustainable neighborhoods to promote environmental rights for a soundscape quality environment.



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# 11

The management of Residential Building must promote soundscape environmental education.



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# 12

The management of Residential Building must adopt norms, patterns and proceedings to protect rights of persons with neurodiversity cognition and hearing sensibility.



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