Geonoise Indonesia
A member of Geonoise Asia Group

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GeoNoise
Acoustical Consulting
Sound Instrumentation and Calculation Software

www.konsultasi-akustik.com www.geonoise.asia



REFUSE TO BE AVERAGE

Acoustic, noise and vibration consultants in Indonesia

Measurement · Prediction · Control · Calibration · Instruments & Software

THAILAND MALAYSIA HONG KONG INDONESIA MYANMAR VIETNAM SINGAPORE INDIA PHILIPPINES



ABOUT US

Geonoise Indonesia (PT Naungan Suara Indonesia) is an acoustic, noise and vibration consultancy based in Jakarta, serving projects across Indonesia. We are part of Geonoise Asia Group, with more than 20 years of experience in Southeast Asia.

We measure, predict and control sound and vibration: from five-star hotels, offices and places of worship to factories, power plants and infrastructure. Alongside consulting, we supply measurement instruments, noise prediction software and calibration services.

Geonoise was founded on the belief that people have a deep relationship with sound. We enjoy creating ideal acoustic environments and equipping clients with the right measurement tools. We are a partner ready to serve you anywhere in Asia.

20+
years of Geonoise Asia Group experience

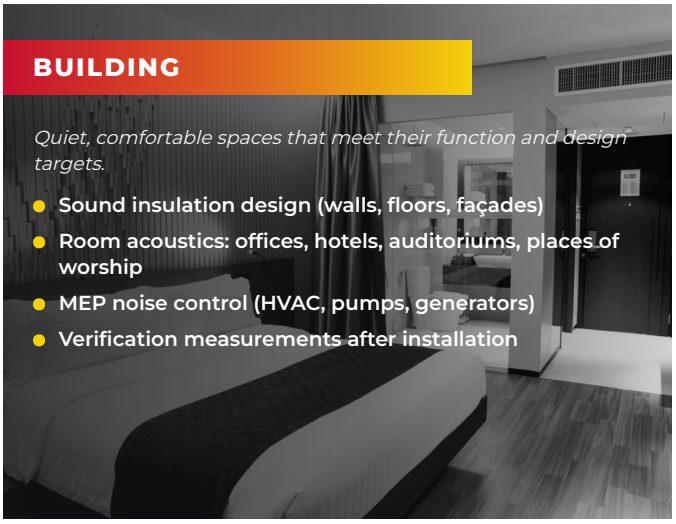
9
countries in the regional network

4
service areas: building, industrial, environment, calibration

40+
selected clients in energy, hospitality, technology and government

OUR SERVICES

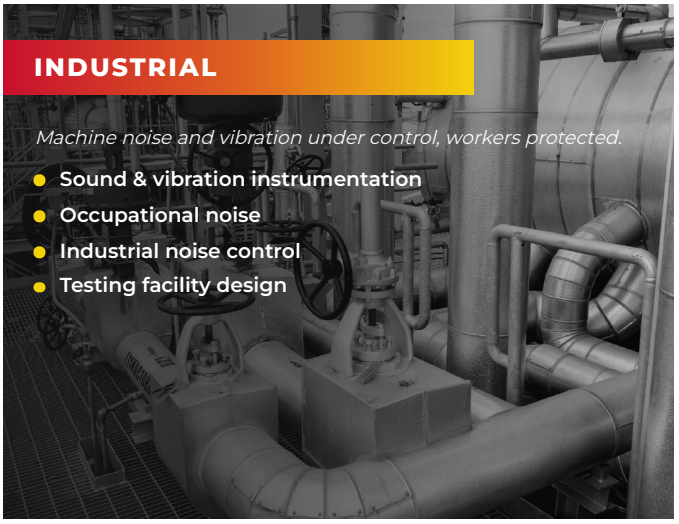
One team for the whole project cycle: baseline measurement, prediction, solution design and verification measurements after construction.



BUILDING

Quiet, comfortable spaces that meet their function and design targets.

- Sound insulation design (walls, floors, façades)
- Room acoustics: offices, hotels, auditoriums, places of worship
- MEP noise control (HVAC, pumps, generators)
- Verification measurements after installation



INDUSTRIAL

Machine noise and vibration under control, workers protected.

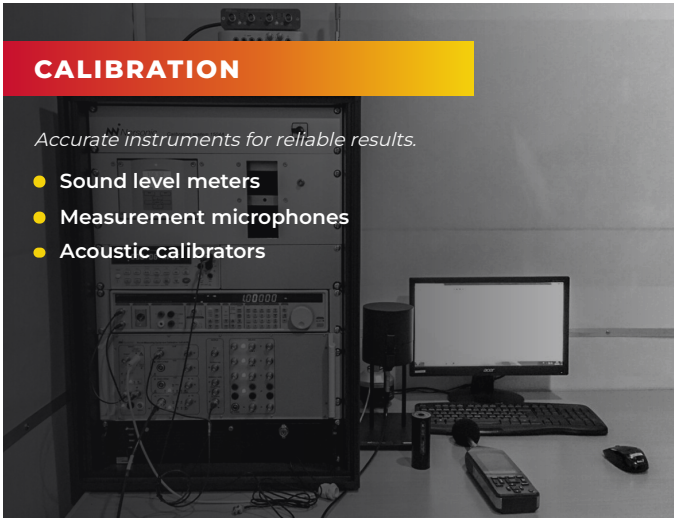
- Sound & vibration instrumentation
- Occupational noise
- Industrial noise control
- Testing facility design



ENVIRONMENT

Defensible data for permits and for the neighbours.

- Environmental noise monitoring
- Noise prediction & 3D noise maps
- Noise consulting and assessments
- Construction vibration monitoring



CALIBRATION

Accurate instruments for reliable results.

- Sound level meters
- Measurement microphones
- Acoustic calibrators

Acousticians thrive when we work with fellow innovators and problem solvers to push society forward. With our expertise in every field of acoustics, we advance our clients' work and create solutions for every acoustic challenge.

HOW WE WORK

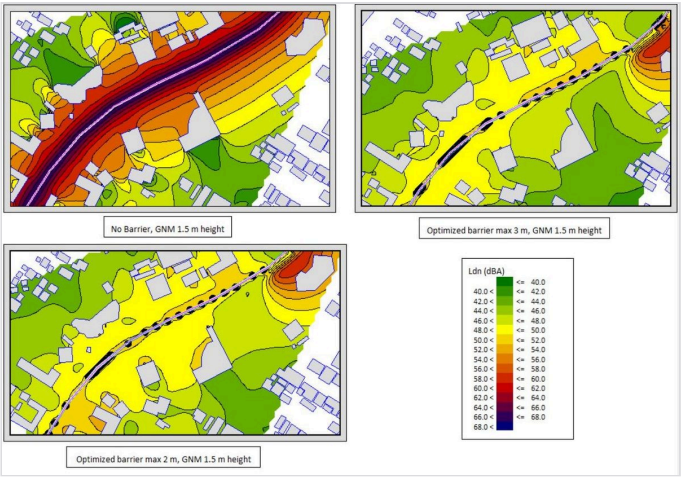
1. **Scope & quotation**
   We discuss the project and send a budget quotation quickly. Site visit where needed.

2. **Field measurement**
   Noise and vibration measurements with precision instruments to IEC 61672-1.

3. **Prediction & analysis**
   3D models and noise maps to compare scenarios before anything is built.

4. **Recommendations**
   Practical, cost-effective solutions the project's contractor can build.

5. **Verification**
   Measurements after installation to prove the acoustic targets are met.



Example noise map: comparing scenarios without and with a noise barrier.

REGULATIONS & STANDARDS WE WORK TO

INDONESIA

- KepMenLH No. 48/1996 – Environmental noise limits
- KepMenLH No. 49/1996 – Vibration limits
- Permenaker No. 5/2018 – Occupational health and safety (working environment)
- SNI 8427:2017 – Environmental noise measurement
- Pd T-10-2004-B – Road traffic noise prediction

INTERNATIONAL

- ISO 1996-1/-2 – Environmental noise
- ISO 9612 – Occupational noise exposure
- ISO 16283 & ISO 717 – Building sound insulation
- ISO 3382 – Room acoustics
- ISO 3744 / 3746 – Sound power of noise sources
- IEC 61672-1 – Sound level meters

OUR TEAM



Michel T.H. Rosmolen

President, Geonoise Asia Group / Principal Acoustic Engineer

Acoustical engineer with more than 40 years of experience in building, industrial and environmental acoustics in the Netherlands and Southeast Asia, working in Asia since 2005. IIAV (International Institute of Acoustics and Vibration) Section Director for Southeast Asia, Vice President of the Society of Acoustics Singapore and Fellow of the Acoustical Society of India, and active in acoustical associations worldwide.



Ramadhan Akmal Putra

Director, Geonoise Indonesia / Acoustic Engineer

Acoustic engineer with nearly 15 years of experience and more than 100 projects across five-star hotels, high-end offices and mixed-use developments. He works closely with architects, structural, MEP and interior teams so that acoustic performance is considered from design through to completion. Akmal also carries out acoustic measurements to find issues, validate solutions and make sure every space sounds as good as it looks.



Priananda Farizka Anugrah

Acoustic Engineer

Building physics graduate with a strong passion for acoustics. Prian analyses and controls how sound behaves in different environments, and has contributed to dozens of projects by combining technical expertise with practical judgement. He treats every project as a chance to learn and to turn complex acoustic challenges into well-engineered, functional outcomes.

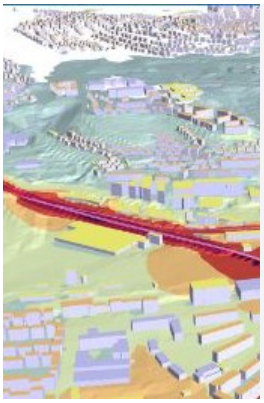


Shalahudin Pasha Hanugh

Acoustic Engineer

Acoustic engineer with a background in Engineering Physics and a specialisation in acoustics. His project experience covers places of worship, mixed-use developments, residential buildings, offices and hotels. Pasha looks for the best solution to each acoustic challenge, so that spaces are not only technically sound but also comfortable and suited to the people who use them.

OUR PRODUCTS



NOISE PREDICTION SOFTWARE

SoundPLAN

3D modelling and noise mapping for environmental assessments, planning and occupational noise.

- Road, rail, industry, airports and occupational noise
- More than 50 international calculation standards, including ISO 9613-2 and CNOSSOS-EU
- Noise maps, 3D graphics and noise barrier design



SOUND LEVEL METERS & ANALYSERS

Norsonic

Precision measurement instruments from Norway for building, environmental and industrial acoustics.

- Nor150: Class 1 sound level meter and analyser
- Octave and 1/3-octave analysis, audio recording
- Building acoustics, environmental monitoring, industrial noise



PLACID
Measurement microphones
Class 1 and Class 2, free-field and pressure-field



PLACID
Impedance tube
Absorption coefficient and transmission loss of materials



PLACID
PQ401 DAQ
Multichannel data acquisition for sound and vibration



SPEKTRA
Calibration systems
Calibration of vibration sensors and acoustic instruments



SPOTNOISE
Noise monitoring
Online monitoring with real-time data



PROFOUND
Vibration monitoring
VIBRA: construction vibration and nearby buildings



MMF
Vibration analyser
Vibration meters and vibration sensors



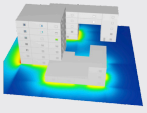
CONVERGENCE
NSRT mk4
Compact sound & vibration monitoring system



SONOCAT
Portable acoustic system
Multifunctional acoustic instrumentation



SIDLAB
HVAC & duct software
Prediction of duct-borne noise



SONARCHITECT
Building software
Building acoustics and sound insulation prediction

Selection & support

We help you choose the right instrument for your standard and application, with technical support from our acoustic engineers.

OUR CLIENTS

Trusted by companies in energy, technology, hospitality, property, education and government.



Selected clients: Google, Microsoft, Apple, Eni, Petronas, Pertamina, MedcoEnergi, Indonesia Power, Cirebon Power, Sorik Marapi Geothermal, Ormat, Genting Oil & Gas, Kementerian Lingkungan Hidup, BRIN, MRT Jakarta, NTT DATA, Western Digital, UOB, Bureau Veritas, Jotun, Rekayasa Engineering, Euroasiatic, Paragon Corp, Trans Corp, Lippo Group, Sinar Mas Land, Agung Sedayu Group, IHG Hotels & Resorts, Marriott, The St. Regis, AYANA, Banyan Tree, Mövenpick Hotels & Resorts, PARKROYAL Hotels & Resorts, Padma Hotels, ACS School, Institut Teknologi Bandung, Universitas Gadjah Mada, Universitas Pelita Harapan, Universitas Islam Negeri.

FREQUENTLY ASKED QUESTIONS

What are the environmental noise limits in Indonesia?

Noise limits are set in KepMenLH No. 48/1996, for example 55 dBA for residential areas and 70 dBA for industrial areas. We measure to SNI 8427:2017 and compare the results with the applicable limits.

When should I involve an acoustic consultant?

As early as possible, while the design can still change at low cost. Also when there are noise complaints, for environmental documents, or to prove the acoustic targets after construction.

Do you work outside Jakarta?

Yes. We measure and consult across Indonesia, from industrial estates and power plants to hotels and resorts.

How does quoting work?

Send us your project information. We give a budget quotation first; a site visit follows where needed once the budget is approved.

Do you also supply instruments?

Yes. We supply sound level meters, monitoring systems, microphones, vibration sensors, calibration systems and noise prediction software, with technical support.

READY TO START YOUR PROJECT?

Send your drawings, site location and acoustic targets to **indonesia@geonoise.asia** and we will prepare a budget quotation for you.



> **NEVER LET THE NOISE OF THE WORLD OVERPOWER THE STILLNESS OF YOUR SOUL.**

CONTACT US

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