



Operational Excellence Services

Health · Safety · Environment
(HSE)

Noise Assessment



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<https://www.jgc.com/en/business/epc/operation-maintenance/service/>

Noise Assessment

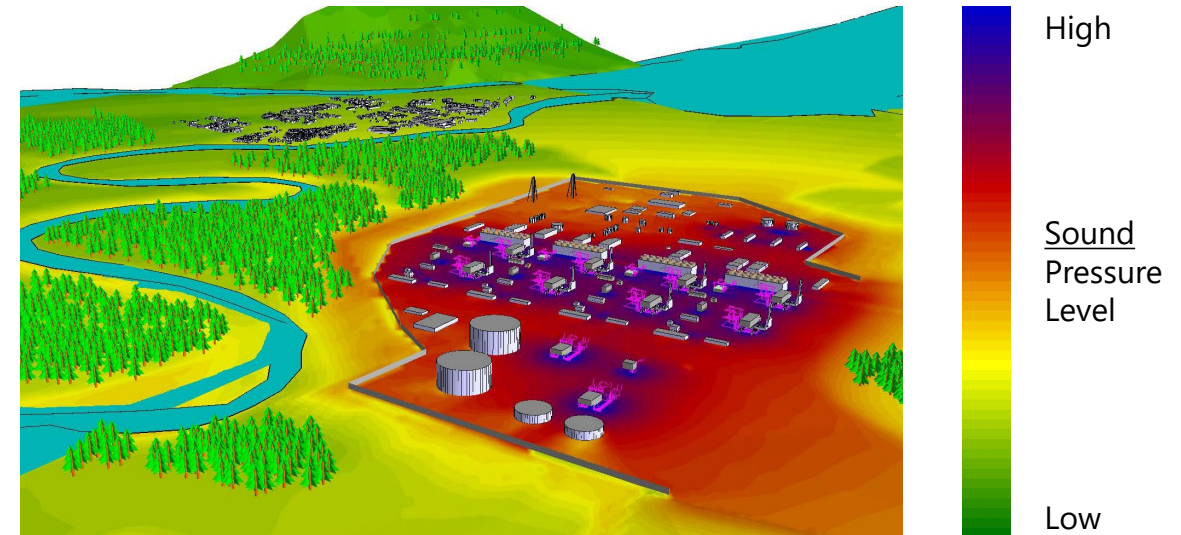
Do you have any of these issue?

- ☹️ **Noisy work environment**
- ☹️ **High costs noise mitigation for noise emitters**
- ☹️ **Need for consulting partner for noise assessment**

Noise Assessment Solution

- Through noise survey;
 - identified noise sources
 - produced noise contour maps before and after noise mitigation plans
- Proposed most effective and cost-minimum noise mitigation plans based on result of noise simulation
- Verified the effectiveness of noise mitigation plans

Noise contour map



Example of noise mitigation plan (Acoustic insulation)

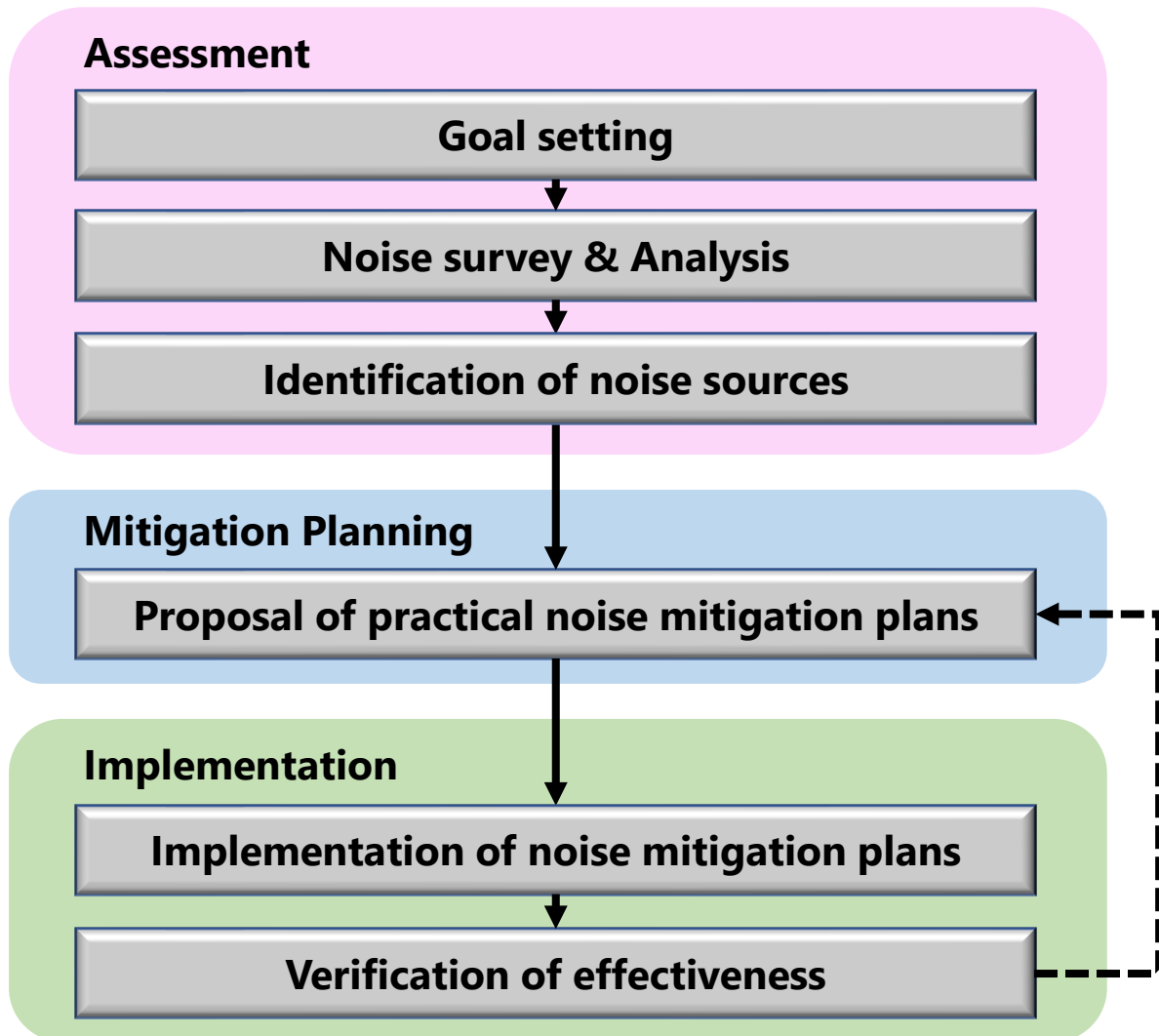


Before



After

Workflow & Result



Our Strengths

- Experienced for noise assessment/control technologies to domestic and overseas customers for many years, and solved various noise problems
- Provided services for noise survey, evaluation, planning of countermeasures, and confirmation of effectiveness after implementation of countermeasures

Our Experiences

600+
Cases

Noise assessment/control technology for 600+ cases.

50+
Years

We have been accumulating noise assessment/control technologies for more than 50 years through EPC businesses and consulting services.

Regulatory Inspections

We provide prompt and accurate measurements and analysis of site boundaries and neighborhood measurements for regulatory inspections, as well as equipment, piping, and indoor measurements within the plant site.

➤ All Inclusive (Noise maps & Proposal)

Measurement results are shown as noise maps, and proposal of variety of noise mitigation measures are included.

➤ Latest Measurement Technology

In addition to the conventional noise level measurement using a sound level meter, we offer the best measurement method such as measurement system using a tablet, cell phone or unmanned noise monitoring measurement with the latest technology. We will propose the most suitable measurement method for each client.

Noise Measurement and analysis



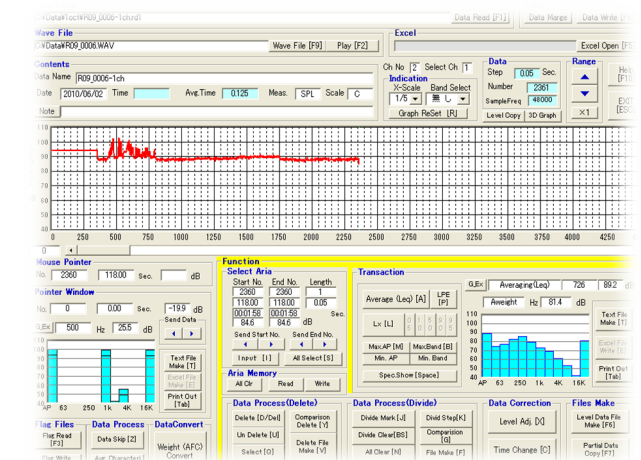
Conventional measurement



Noise monitoring



Tablet measurement system



Noise analysis