

Job Vacancy

Position : Methane Analyst
Nature of Work : Full-time (40 hrs/week)
Duty station : Jakarta, Indonesia (hybrid mode)

Background

Institute for Essential Services Reform (IESR) is an energy and climate policy think tank. The institute has been instrumental in driving narrative and policy changes for energy transition in Indonesia, covering various issues: power system transition, energy access, green economy, climate policy, industrial decarbonization, climate diplomacy, and sustainable mobility. IESR encourages transformation into a zero-emission energy system by advocating public policy based on data-driven and scientific studies, conducting capacity development assistance, and establishing strategic partnerships with various stakeholders.

About the Position

This position leads the data collection and analytical work on methane gas action from fossil fuel extraction activities. It engages with relevant industry stakeholders and other researchers to deliver the outcome set by the organization.

Duties and Responsibilities

- o Using various global data sources to develop/build coal, oil, and gas datasets for IESR, includes the most accurate and timely data on methane emissions for each facility/source.
- o Gathering and vetting data from company reports, government sources, news articles, satellite or aerial providers, and other sources to contribute to the datasets.
- o Developing estimates for leakage rates and emissions at oil and gas fields, pipelines, and LNG Terminals.
- o Tracking information on methane abatement at coal mines and coal .
- o Building strong relationships and outreach to partners in governments, business organizations, and academia on methane reduction strategies.
- o Work closely with Project Coordinator/Lead to deliver the outcome of the project.

Qualifications, competencies, and experience

- 1) A graduate degree or above in natural sciences, physics, petroleum, chemical, environmental engineering, or other relevant majors is required.
- 2) Has a minimum of 3 years' work experience in relevant fields
- 3) Possesses a solid logical mind, critical thinking, and analytical skills.

- 4) Experience in performing excellent qualitative and quantitative research, including online research.
- 5) Comprehensive knowledge of Indonesia's climate policy framework, including the NDC and NDC roadmaps, Medium and Long-term Development Plans, LCDI, and recent developments in national climate targets.
- 6) Excellent interpersonal and communication skills.
- 7) Possess knowledge of database development and coding skills (python, etc)
- 8) Proficient in English verbally and in writing.
- 9) Able to work in an intercultural environment, work with a team, and able to resist pressures.
- 10) Detail-oriented and strict attention and appreciation for deadlines.
- 11) Willingness to travel domestically and abroad when required.
- 12) Excellent time-management skills.
- 13) Excellence in using MS Office software and other software for building databases.

Duration

A three-year contract can be extended with three months' probation, and it is expected to be on board in **September 2025**.

Remuneration

Salary and benefits are competitive and will be commensurate with the candidate's qualifications and experience level.

How to apply

- Download and fill out the [application form](#) from the IESR website.
- Please send the completed application form, an application letter, the latest CV/resume with a picture to hrd@iesr.or.id, and a sample of writing/publication or an 800-word article on sustainable finance, just transitions, or energy transitions. All documents must be sent before **August 31, 2025** with email subject: **IESR - Staff Application Methane Analyst [Your Name]**.
- Only qualified candidates will be called for a test and interview.