

# WE ARE **HIRING!**



**JGSEE**



King Mongkut's  
University of  
Technology  
Thonburi

## PROJECT

Thai-German Cooperation on Energy, Mobility  
and Climate (TGC-EMC)

## OPEN POSITION

Expert 1 position

The deadline for application  
is 20 November 2025.

## CALL FOR INTEREST (Qualifications)

- Holds valid Thai nationality.
- PhD degree holder in Environmental Technology, Chemical Engineering, Materials Science, or related field.
- Demonstrated at least 10 years' research experience with energy efficiency, industrial process analysis, emission reduction technologies, or circular economy approaches in industrial sectors.
- Knowledge of the Thai industrial context, especially in chemical/ petrochemical industries.
- Experience in international projects involving industrial innovation, clean technologies, or environmental impact reduction.
- Published research papers or conference presentations in related fields.
- Experience in coordinating with universities, government agencies, or private-sector partners.
- Strong technical writing, communication and collaboration skills with proficiency in English and Thai.
- Self-driven and capable of managing multiple research tasks.
- Strong Detail-oriented with a problem-solving mindset. Able to work independently and in a team environment.

**APPLY NOW**

Please carefully read the ad and submit a CV and a cover letter in English to  
**Name:** Assoc. Prof. Dr. Pipat Chaiwiwatworakul

**E-mail:** [pipat.cha@kmutt.ac.th](mailto:pipat.cha@kmutt.ac.th) with  
**cc:** [admin.tgcmec@kmutt.ac.th](mailto:admin.tgcmec@kmutt.ac.th)

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## RESPONSIBILITIES

- Provide strategic and technical oversight for research activities related to Thailand's chemical/petrochemical sector, ensuring analytical rigor and alignment with project objectives.
- Guide the development of methodologies for data collection, energy modeling, and scenario analysis to identify feasible low-carbon pathways.
- Review and validate research outputs, including literature reviews, technical analyses, policy briefs, and reports, ensuring scientific accuracy and policy relevance.
- Advise on suitable decarbonization technologies, financial models, and policy measures tailored to Thailand's (chemical/petrochemical) industrial and regulatory context.
- Lead and facilitate stakeholder engagement with government agencies, industry representatives, and academic institutions to gather insights and ensure sectoral collaboration.
- Coordinate closely with interdisciplinary teams; policy analysts, researchers, and international experts to integrate technical findings into broader policy and strategy frameworks.
- Mentor and supervise junior researchers, providing technical guidance, feedback, and capacity-building support.
- Contribute to project management, including work planning, progress monitoring, and reporting to partners and funding agencies.
- Represent the project in high-level meetings, workshops, and knowledge-sharing events at national and international levels.

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