

WE ARE **HIRING!**



JGSEE



King Mongkut's
University of
Technology
Thonburi

PROJECT

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

OPEN POSITION

Researcher 1 positions

The deadline for application
is 30 September 2025.

CALL FOR INTEREST (Qualifications)

- Master degree holder in Environmental Technology, Chemical Engineering, Materials Science, or related field.
- Demonstrated 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.

RESPONSIBILITIES

- Conduct literature reviews and data collection on Thailand's chemical sector, energy use, and emissions.
- Analyze production processes, emissions profiles, and decarbonization technologies suitable for Thailand's context.
- Conduct energy modeling, financial analysis and scenario development to identify low-carbon pathways.
- Draft technical inputs, policy briefs, and research reports related to the sector.
- Participate in stakeholder consultations, workshops, and expert interviews with government, academia, and industry.
- Collaborate with interdisciplinary teams including policy experts, engineers, and international partners.
- Assist in project coordination and administrative tasks as needed.

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 with
cc: admin.tgcemc@kmutt.ac.th