



## FOR IMMEDIATE HIRING

# Low Emissions Analysis Platform (LEAP) Consultant

The Institute for Climate and Sustainable Cities (ICSC) is seeking applicants for the position of **Low Emissions Analysis Platform (LEAP) Consultant**. ICSC values diversity and is an equal opportunity employer. If you fit the role and possess the desired qualifications, please email the following documents to [jobs@icsc.ngo](mailto:jobs@icsc.ngo):

- Letter of Intent (addressed to Mr. Romil Hernandez, ICSC's Director for Energy Policy)
- Resume (do not attach photos)

## ABOUT THE ORGANIZATION

ICSC is an international non-government group advancing fair climate policy and low carbon, climate-resilient development. Based in the Philippines, it is engaged with the wider international climate and energy policy arena, particularly in Asia. It is recognized for its role in helping advance effective global climate action and the Paris climate agreement.

## TERMS OF REFERENCE

The LEAP Consultant will be reporting directly to ICSC's Chief Data Scientist, and the indicative duration of the engagement will be until September 2025.

### A. Responsibilities

- a. Create a comprehensive Energy Demand-Side Model using the SEI-LEAP tool for the Philippines, with the following features:
  - i. Align the Reference Scenario with the Philippine Energy Plan (PEP);
  - ii. Develop the following scenarios that reflects the quantitative impacts of potential demand-side policies and programs;
    - Energy efficient scenario, applying energy efficiency policies across all sectors from the reference scenario;
    - Energy efficient + electrification scenario, applying additional electrification of processes in the energy end-use sectors (particularly industry and transport sectors);
  - iii. Draw on global best practices, use cases, and references for potential demand-side policies and programs;
  - iv. Ensure that the Ambitious Scenario is developed in consultation with the ICSC Energy Policy team to align with LTES project objectives;
  - v. LEAP demand-side outputs will serve as inputs to the team's in-house developed supply-side optimization tool, based on PyPSA;
- b. Submit a consultant's report documenting the model, presenting its results with a view to providing key inputs to the energy plan in general and the power development plan in particular.
  - i. Reflect quantitative impacts of potential policies and programs for energy demand-side (e.g., energy efficiency, electrification of transport, industry, cooking);
- c. Work with the ICSC Energy Policy team in assessing the data requirements and other requests needed from the political partner in relation to the LEAP model; and
- d. Attend regular technical calls with the team for consultations and check-in during model development.