



Expression of interest

Contact details

Country	TURKEY
Name of the organisation	Kadir Has University
Name of the contact	Dr. Gokhan Kirkil
Phone	
Email	gokhan.kirkil@khas.edu.tr

Short description of the organisation

We are conducting multidisciplinary research in sciences, engineering, social sciences, and humanities to propose new solutions to the **energy problems** facing Turkey and the world. We also aim at creating awareness on the relationship between energy and sustainable development and thus, influencing both national and international public opinion, as well as policy-makers and legislators through the dissemination of its research activities. Six of the projects carried out at the center have been funded by the European Union H2020 program.

HORIZON-CL5-2024-D6-01-06: Optimising multimodal network and traffic management, harnessing data from infrastructures, mobility of passengers and freight transport

Specific skills related to the project

Energy system optimization using Osemosys and Leap. Energy and emission data collection related with transportation. Satellite-based earth observations such as Copernicus.

Proposed activities for the project

- Evaluating the qualitative and quantitative impact of the proposed measures and project results, including on reducing travel delay, transport emissions and energy consumption, with a clear baseline for each use case.
- Satellite-based earth observations, positioning, navigation and/or related timing data and services, The use of Copernicus and/or Galileo/EGNOS for performing simulations for network-wide optimisation of traffic models.

References

We are a partner organization in H2020 project named: open ENergy TRansition ANalyses for a low-Carbon Economy