



25TH
WPC ENERGY
CONGRESS
Riyadh, 11-15 October 2026



WPC
ENERGY

وزارة الطاقة
MINISTRY OF ENERGY



25th WPC Energy Congress

special
Programme

Knowledge
Sprint

Generative AI for Evidence- Based Oil Markets

Harnessing AI to transform data into
actionable energy insights

Event Date: **12 October 2026, 15:30- 17:30**



كابسارك
KAPSARC

11 — 15
October 2026

Riyadh
Front Exhibition
& Conference Center

wpcenergy2026.org

Knowledge Sprint Program Overview

This masterclass provides a hands-on introduction to using generative AI as a decision-support tool for oil market analysis and policy-relevant research.

Participants will explore how AI can enhance data collection, econometric analysis, scenario modeling, and the translation of technical findings into clear, evidence-based insights for policymakers, analysts, and decision-makers.

Language

English

Dates &
Time

Mon 12 Oct 2026 : 15:30 - 17:30

All participants are welcome. This course is designed at an intermediate level, and no advanced coding experience is required.

Knowledge Sprint

Program Structure

Module 1: Generative AI in Oil Market Research

Understanding How AI Enhances Macro-Energy and Oil Market Analysis

Module 2: AI-Assisted Data Pipeline Development

Building a Functional Data Workflow Using Python Tools

Module 3: Econometric & Scenario Analysis

Applying AI to Support Modeling, Forecasting, and Scenario Evaluation

Module 4: From Analysis to Policy Insight

Transforming Technical Outputs Into Clear, Decision-Ready Insights

Module 5: Hands-On Mini Project

Applying Concepts in a Practical Exercise Using Real-World Scenarios

Participants are encouraged to bring a laptop or tablet to enhance engagement during the sessions.

Knowledge Sprint

Learning Outcomes

By the end of this masterclass, participants will be able to:

Apply Generative AI to oil market analysis

Critically evaluate AI-generated outputs

Build AI-assisted analytical workflows

Translate complex analyses into policy insights

Develop basic econometric and scenario models

Apply responsible AI practices

Participants are encouraged to bring a laptop or tablet to enhance engagement during the sessions.

Knowledge Sprint

Experts in the Field



Dr. Alex Marsal

Senior Fellow

Specializes in macroeconomic modeling, and the application of large language models in economic research and policy. Leads practical AI training programs and has conducted field experiments and surveys on AI productivity in public institutions.



Dr. Emre Hatipoglu

Principal Fellow

Expert in energy policy, international political economy, and oil market dynamics. His research focuses on the intersection of geopolitics and energy markets, with publications in leading academic journals.



25TH
WPC ENERGY
CONGRESS
Riyadh, 11-15 October 2026



وزارة الطاقة
MINISTRY OF ENERGY



Pathways to an Energy Future for All

11 — 15
October 2026

Riyadh
Front Exhibition
& Conference Center

wpcenergy2026.org