

World Bank Energy Access & Transition Knowledge Academy

Scaling Up Energy Efficiency | January 27-29, 2025 | Rabat, Morocco

Highlights and Takeaways

The **Scaling Up Energy Efficiency Academy Program**, under the **World Bank Energy Access & Transition Knowledge Academy** was recently delivered in **Rabat, Morocco**. The delivery brought together 28 participants from eight World Bank client countries across the Middle East and North Africa (MENA) region, along with nine staff members from MENA country offices. Participants from West Bank and Gaza, Djibouti, Jordan, Tunisia, Yemen, Iraq, UAE, and Morocco were represented.

Participants represented Ministries of Energy, Environment, Economy, and Infrastructure, as well as agencies and organizations focused on energy, electricity, and environmental policies – particularly national energy efficiency agencies. Through a hands-on, and practical three-day program, participants were able to gain a better understanding of policies, programs and financing models needed to scale up demand-side energy efficiency to meet their doubling the rate of energy efficiency commitments by 2030 and their net-zero goals by 2050. Participants discussed current challenges faced by MENA countries and collectively explored ways to scale up energy efficiency policies and programs.

The academy was organized in collaboration with the Energy Sector Management Assistance Program (ESMAP), the MENA region, and the International Energy Agency (IEA). The delivery was held at the Université Mohammed VI Polytechnique (UM6P) in Rabat. The entire workshop benefitted from simultaneous translations into Arabic, French and English.

Curriculum

The objectives of the event were to enhance participants' knowledge and skills to formulate and implement energy efficiency policies and programs to help scale up energy efficiency in their countries. The 3-day in-person academy covered:

- (i) the basics of demand-side energy efficiency including potential, benefits, market failures, policy instruments and programs.
- (ii) overview of financing instruments, implementation mechanisms and business models by sector - industry, public, residential; and
- (iii) lessons from projects and case studies.

HIGHLIGHTS

The workshop brought together **28** participants from **8** MENA countries.

Participants included representatives from **Ministries of Energy, Environment, Economy and Infrastructure**.

The academy was organized in collaboration with **ESMAP**, the **MENA region**, and the **International Energy Agency (IEA)** at the UM6P Campus in Rabat.

Significant interest expressed by participants for **follow-up deep dive workshops** focusing on specific topics and more opportunities for **peer-to-peer** interactions.

The first half-day session was a high-level roundtable with heads of participating organizations which underscored the importance of energy efficiency in meeting their countries' development priorities, barriers and policies and implementation models to scale up impacts. The remaining two-and-a-half days consisted of face-to-face sessions, covering the foundations of energy efficiency, deep dives on the public and residential sectors, sustainable financing options and business models, and an overview of the tools and resources available to participants for further exploration. Efforts were made to keep the event very interactive, with discussion questions, group case studies, polls, and opportunities for participants to share programs from their countries, challenges and lessons. Additionally, the team provided useful resources and readings such as [EEX Live Wire](#) on Energy Efficiency, World Bank reports and strategy papers on the topic, relevant ESMAP reports, and IEA reports and tools.

Highlights and Takeaways

The Academy presented a strategic opportunity to share the Bank's global knowledge, while also offering a venue for participants to share their experiences on what worked well and challenges, they faced. A guest speaker from Dubai shared their very successful energy efficiency program which served as inspiration to several participating delegations. The regional cross fertilization of knowledge was a critical pillar for the Academy's success.

The continued participation and audience engagement over the three-day span underscored the relevance and demand for the topics discussed with clients.

Participants rated the Academy Program very highly (6 out of 7) and expressed their appreciation for the insights and knowledge shared by experts and the practical implementation experiences presented. Additionally, participants valued the opportunity to interact and exchange knowledge with their peers, gaining insights into other countries' experiences in energy efficiency, their policies, and how to design and implement successful programs.

As several participants communicated their interest for continued learning and focused discussions on key topics, the team is considering how best to accommodate future engagements.

Acknowledgment

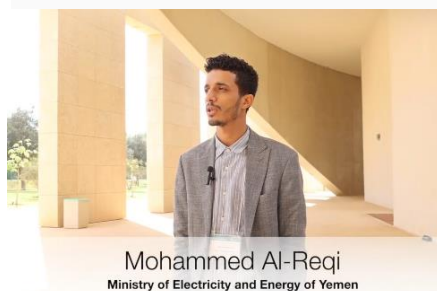
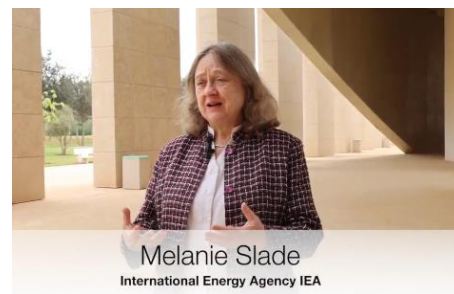
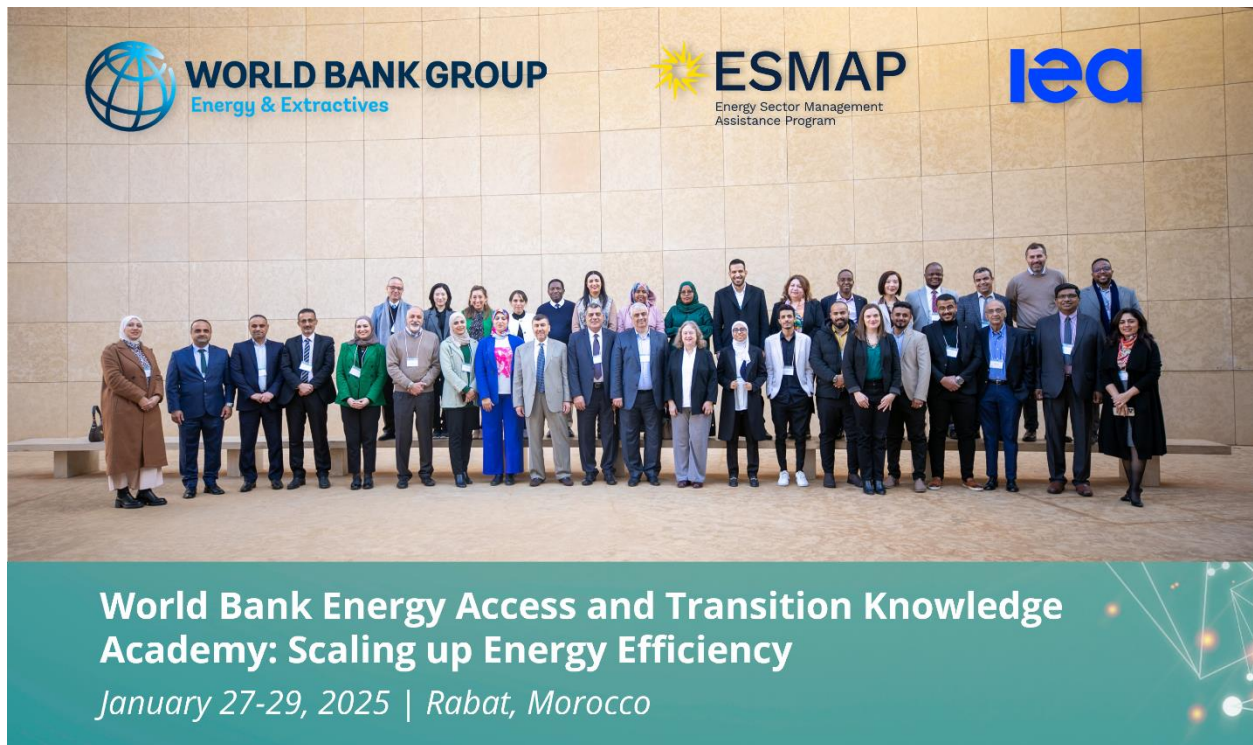
The Energy and Extractives delivery team comprised Jas Singh (Lead Energy Specialist), Tamara Babayan (Senior Energy Specialist), Dilip Limaye (Energy Efficiency Consultant), Sara Sultan (Senior Knowledge Management and Learning Officer), Selena Jihyun Lee (Energy Specialist), Gabriela Alexandra Padilla Cespedes (Knowledge Management and Learning). Select sessions were also delivered by Melanie Slade and Giulia D'Angiolini from the IEA.

Special acknowledgement to Ahmadou Moustapha Ndiaye, Country Director of Morocco for providing opening remarks, Husam Mohamed Beides (Practice Manager IMNE1) and Ashok Sarkar (Program Leader, IMNDR) who helped identify counterparts for the Academy and to Demetrios Papathanasiou and Ani Balabanyan for their leadership and guidance in the delivery of the department's second Academy Program.

The Academy would not have been possible without the logistical support of the Morocco Country Management Unit and MENA colleagues.

More information

Visit <http://EEXAcademy/> for more information on the World Bank Energy Access & Transition Knowledge Academy or to see future offerings of the Energy Efficiency Program as they become available.



DAY 1. Harnessing Energy Efficiency to Drive Today's Development Challenges

DAY 1 - MORNING

DATE: JANUARY 27, 2025

High-Level Roundtable

08:30 - 08:45	Participant Registration - Welcome Coffee and Tea
08:45 - 09:00	WELCOME AND OPENING REMARKS World Bank Host/DG AMEE
09:00 - 09:15	TRAINING PROGRAM INTRODUCTION World Bank
09:15 - 09:45	IMPORTANCE OF ENERGY EFFICIENCY – GLOBAL & MENA World Bank, IEA
09:45 - 10:10	KEYNOTE: REGIONAL PERSPECTIVES ON ENERGY EFFICIENCY IN MENA REGION Senior Regional Speaker
10:10 - 10:25	BARRIERS TO ENERGY EFFICIENCY AND GOOD PRACTICES World Bank
10:25 - 11:15	HIGH-LEVEL ROUNDTABLE DISCUSSION: UNLOCKING ENERGY EFFICIENCY AT SCALE World Bank facilitator
11:15 - 11:30	Coffee and Tea Break
11:30 - 12:15	FINANCING AND IMPLEMENTATION MODELS FOR EE
12:15 - 13:00	ROUNDTABLE DISCUSSION: UNLOCKING EE AT SCALE IN THE MENA REGION World Bank facilitator
13:00 - 14:00	Group Photo – Lunch

DAY 1 AFTERNOON

DATE: JANUARY 27, 2025

Scaling up Energy Efficiency in the MENA Region: What's Your Plan?

14:00 - 14:15	PARTICIPANTS INTRODUCTION & ICE BREAKER World Bank
14:15 - 15:00	FOUNDATIONS OF ENERGY EFFICIENCY IEA
15:00 - 15:15	Coffee and Tea Break
15:15 - 15:40	REGIONAL ENERGY EFFICIENCY BARRIERS AND SOLUTIONS: DISCUSSION World Bank facilitator

DAY 2

DATE: JANUARY 28, 2025

DAY 2. Deep Dive on Energy Efficiency Investments and Programs

08:00 - 09:00	EE PROJECT CYCLE World Bank
09:00 - 09:45	MARKET ASSESSMENT: ENERGY EFFICIENCY BUILDING POLICY AND MARKET DATA IEA
09:45 - 10:00	Coffee and Tea Break
10:00 - 11:00	DESIGNING ENERGY EFFICIENCY PROGRAMS IN THE PUBLIC AND RESIDENTIAL APPLIANCE SECTORS World Bank
11:00 - 13:00	GROUP EXERCISE: CASE STUDY FOR DESIGNING AN ENERGY EFFICIENCY PROGRAM World Bank
13:00 - 14:00	Lunch
14:00 - 15:00	SUSTAINABLE & COMMERCIAL FINANCING OPTIONS AND BUSINESS MODELS World Bank
15:00 - 15:30	Q&A AND WRAP UP OF DAY 2

DAY 3

DATE: JANUARY 29, 2025

DAY 3. Energy Efficiency Financing and Implementation Considerations

08:00 - 09:00	GROUP EXERCISE: CASE STUDY ON FINANCING MECHANISMS AND BUSINESS MODELS World Bank
09:00 - 10:00	GROUP PRESENTATION: FINANCING MECHANISMS AND BUSINESS MODELS World Bank
10:00 - 10:15	Coffee and Tea Break
10:15 - 11:15	INTERNATIONAL EXPERIENCE AND LESSONS LEARNED World Bank
11:15 - 11:45	Q&A AND DISCUSSION World Bank
11:45 - 12:30	ADDITIONAL TOPICS OF PRIMARY INTEREST FOR DEEP DIVES (e.g digitalization and energy efficiency, financial and economic analysis etc.) World Bank, IEA
12:30 - 13:30	LUNCH
13:30 - 14:30	ADDITIONAL TOPICS OF PRIMARY INTEREST FOR DEEP DIVES (CONTINUED) World Bank, IEA
14:30 - 15:00	TOOLS AND RESOURCES World Bank
15:00 - 15:30	KEY TAKE-AWAYS, FUTURE TRAINING NEEDS World Bank, IEA, Participants