

# IEA Latin America Energy Efficiency Policy in Emerging Economies Training Week

Programme



**2-5 December 2024**

*São Paulo, Brazil*

*#energyefficientworld*

## About the IEA

The International Energy Agency (IEA) works with policy makers and stakeholders to scale up action on energy to mitigate climate change, improve energy security and grow economies while delivering environmental and social benefits.

## Energy Efficiency in Emerging Economies (E4) Programme

The IEA has supported governments of major emerging economies in advancing energy efficiency policies and programmes through the Energy Efficiency in Emerging Economies Programme (E4 Programme) since 2014. E4 works closely with six of the largest emerging economies - Brazil, China, India, Indonesia, Mexico and South Africa - as well as within regions, such as Southeast Asia, Latin America and Africa, with the aim to accelerate energy efficiency.

How we work:

- Policy development. We support the development of national strategies, targets, policies, regulations and monitoring systems.
- Research and analysis. We provide customised research and analysis to support and inform the decision-making of emerging economy officials responsible for energy efficiency policy.
- Thematic workshops. We bring together officials and experts from a range of countries to explore key topics and generate practical, locally-applicable solutions.
- Capacity building. We provide training for officials and future leaders, primarily through the E4 Training Weeks and a series of online, self-paced courses.

The first phase of the E4 Programme (2014 to 2017) was made possible thanks to the generous contributions of the Government of Denmark and the European Commission.

The second phase of the programme (commenced in 2018) is part of the IEA Clean Energy Transitions Programme (CETP), which aims to collaborate with partner country governments on all aspects of their clean energy transitions with support from a range of donors including Canada, Denmark, the European Commission, Germany, Italy, Japan, Sweden, Switzerland, and the United Kingdom.

## Plenary Session: Doubling the rate of energy efficiency improvement

Room: São Paulo. 3<sup>rd</sup> Floor

08:00 - 8:50      Participant Registration - Welcome Coffee and Tea

### WELCOME AND OPENING REMARKS

9:00 – 9:30

- *Melanie Slade, Senior Programme Manager, Energy Efficiency in Emerging Economies Programme, International Energy Agency (IEA)*
- *Leandro Andrade, Director of the Department of Information, Studies and Energy Efficiency, Ministry of Mines and Energy (MME)*
- *Gládis Genua, Director of Analysis and Operational Management, Latin American Development Bank (CAF)*

### REGIONAL AND LOCAL PERSPECTIVES ON ENERGY EFFICIENCY

09:30 – 10:00

*Perspectives on energy efficiency in Latin America and Brazil deepen the understanding of opportunities, challenges and solutions to deliver the multiple benefits of energy efficiency across the region.*

- *Mijal Brady, Chief of Staff, Latin American Energy Organization (OLADE)*
- *Juliana Tadeu, Superintendent of the National Energy Conservation Program (PROCEL)*

### DISCUSSION PANEL 1: HOW CAN WE ACCELERATE THE RATE OF ENERGY EFFICIENCY IMPROVEMENT BY 2030

*The discussion panel will exchange experience and ideas across the region and collectively identify strategies and opportunities to leverage energy efficiency as a critical tool in securing affordability and access to energy while supporting the global doubling efficiency goal.*

10:00 – 10:50

- *Luciana Costa, Director of Infrastructure, Energy Transition and Climate Change, National Bank for Economic and Social Development (BNDES). TBC*
- *Fernando Branger, Senior Executive within the Physical Infrastructure and Digital Transformation (CAF)*
- *Birgitte Krohn, Sector Counsellor at the Danish Ministry of Foreign Affairs in Brazil*
- *Tamara Babayan, Senior Energy Specialist, ESMAP - World Bank Group*

*Moderator: Melanie Slade, International Energy Agency*

10:50 - 11:10      Group Photo

### DISCUSSION PANEL 2: JUST AND INCLUSIVE CLEAN ENERGY TRANSITIONS

*Discussion panel that will bring together regional experts on energy efficiency to discuss and share successful experiences in addressing just, equitable and inclusive energy transitions, energy poverty and jobs to design and implement comprehensive energy efficiency policies across the economy that could help and inspire other countries in the region to achieve the global energy efficiency doubling target.*

11:10 – 12:10

- *Alexandra Maciel, Energy Efficiency Projects Coordinator, Ministry of Mines and Energy, Brazil (MME)*
- *Ana María Orozco, Advisor Coord. Electromobility, Ministry of Mines and Energy of Colombia.*
- *Cecilia Correa, Energy Specialist, Inter-American Development Bank (IADB)*
- *Rosa Riquelme, Executive Director, Agencia de Sostenibilidad Energética (AgenciaISE) of Chile.*
- *Andrea Arenas Fuentes, Lead on Monitoring, Evaluation and Learning (MEL) for Latin America, Global Energy Alliance for People and Planet.*

*Moderator: Charles Michaelis, Strategy Development Solutions*

12:10 – 12:30      Moving from Ambition to Action and the Week Ahead

- *Ana Lepure, Energy Efficiency Policy Analyst, International Energy Agency*

12:30 – 13:30      Lunch (Room: Foyer M)

## Energy Efficiency in Buildings

Room: *Gauguin. 4<sup>th</sup> Floor*

Stream leads: Ksenia Petrichenko (International Energy Agency), Ian Hamilton (UCL)

13:30 – 14:00      Introductory Game

14:00 – 14:30      1. WHERE TO START: ENERGY USE IN BUILDINGS  
*Ksenia Petrichenko and Ian Hamilton*

14:30 - 15:00      2. WHERE TO START: ENERGY EFFICIENCY POTENTIAL IN BUILDINGS FOR NET-ZERO  
*Ksenia Petrichenko*

15:00 - 15:30      Coffee and Tea Break (Room: *Foyer M*)

15:30 – 16:30      3. TOOLKIT: ENERGY EFFICIENT BUILDING DESIGN  
*Ian Hamilton*

16:30 - 17:00      4. SPECIAL SESSION: DEEP DIVE ON BUILDING DESIGN IN BRAZIL  
*Guest speaker: Alexandra Albuquerque Maciel, Procel*

17:00 - 17:30      WRAP-UP & QUESTIONS

17:45 – 18:45      Welcome reception and Icebreaking activities (Room: *Foyer M*)

08:30 – 09:00 Morning Coffee and Tea (Room: *Foyer M*)

## Energy Efficiency in Buildings

*Room: Gauguin. 4<sup>th</sup> Floor*

Stream leads: Ksenia Petrichenko (International Energy Agency), Ian Hamilton (UCL)

09:00 – 10:00 5. TOOLKIT: ENERGY EFFICIENT BUILDING TECHNOLOGIES  
*Ian Hamilton*

10:00 - 10:30 6. SPECIAL SESSIONS: DEEP DIVE ON THERMAL COMFORT IN BUILDINGS  
*Guest speaker: Greici Ramos, Universidade Federal de Santa Catarina*

10:30 - 11:00 Coffee and Tea Break (Room: *Foyer M*)

11:00 - 12:00 7. TOOLKIT: ENERGY EFFICIENCY POLICY PACKAGE  
*Ksenia Petrichenko*

12:00 - 12:30 8. SPECIAL SESSION: DEEP DIVE ON BUILDINGS CODES AND STANDARDS  
*Guest speaker: Greici Ramos, Universidade Federal de Santa Catarina*

12:30 - 13:30 Lunch (Room: *Foyer M*)

13:30 – 14:00 TECHNOLOGIES GAME

14:00 – 15:00 9. SPECIAL SESSION: ENERGY EFFICIENCY POLICIES IN BUILDINGS IN LATIN AMERICA  
*Guest speaker: Laisa Brianti, Mitsidi*

15:00 – 15:30 Coffee and Tea Break (Room: *Foyer M*)

15:30 - 16:15 9. TOOLKIT: EFFICIENT GRID-INTERACTIVE BUILDINGS  
*Ksenia Petrichenko*

16:15 – 16:45 10. SPECIAL SESSIONS: DEEP DIVE ON DIGITALISATION IN BUILDINGS  
*Guest speaker: João Paulo, Johnson Controls*

16:45 – 17:30 11. MAKING IT HAPPEN: ENABLING INVESTMENT WITH ENERGY EFFICIENCY POLICIES  
*Ian Hamilton*

17:45 – 18:45 Icebreaking activities (Room: *Gauguin. 4<sup>th</sup> Floor*)

DAY 3

WEDNESDAY, 4 DECEMBER

08:30 – 09:00 Morning Coffee and Tea (Room: *Foyer M*)

## Energy Efficiency in Buildings

*Room: Gauquin, 4<sup>th</sup> Floor*

Stream leads: Ksenia Petrichenko (International Energy Agency), Ian Hamilton (UCL)

09:00 – 9:30 POEM COMPETITION, REVIEW, QUESTIONS

09:30 - 10:30 12. SPECIAL SESSION: FINANCING ENERGY EFFICIENCY IN BUILDINGS  
*Guest speaker: Sandro Díez-Amigo & Silvia Elena Solano Quesada, IFC EDGE*

10:30 - 11:00 Coffee and Tea Break (Room: *Foyer M*)

11:00 – 11:30 13. THE MULTIPLE BENEFITS OF ENERGY EFFICIENCY IN BUILDINGS  
*Guest speaker: Dante Zayas, C40*

11:30 – 12:00 14. DID IT WORK? EVALUATION AND ENERGY EFFICIENCY INDICATORS  
*Ian Hamilton*

12:00 – 12:30 15. SPECIAL SESSION: IMPLEMENTING ENERGY EFFICIENCY /CITY ACTIONS  
*Guest speaker: Dante Zayas, C40*

12:30 - 13:30 Lunch (Room: *Foyer M*)

13:30 - 14:30 16. MAKING IT HAPPEN: NET-ZERO ROADMAP CREATION  
*Ian Hamilton*  
*Guest speaker: Liliana Campos Arriaga, GIZ*

14:30 – 15:00 17. INTRODUCTION TO MINISTER'S GAME  
*Ksenia Petrichenko, Ian Hamilton*

15:00 – 15:30 Coffee and Tea Break (Room: *Foyer M*)

15:30 - 17:00 17. MINISTER'S GAME  
*Ksenia Petrichenko, Ian Hamilton and guests*

## Energy Efficiency in Appliances and Equipment

Room: Fórum (D+E). 4<sup>th</sup> Floor

Stream leads: Melanie Slade & Sophie Attali (International Energy Agency)

13:30 – 14:00 INTRODUCTORY ROUNDTABLE

14:00 – 15:00 1. WHERE TO START: THE ROLE OF APPLIANCES IN THE ROAD TO NET ZERO  
*Melanie Slade, International Energy Agency*

15:00 – 15:30 Coffee and Tea Break (Room: Foyer M)

15:30 – 16:15 2. TOOLKIT: APPLIANCE ENERGY EFFICIENCY POLICY OPTIONS  
*Sophie Attali, International Energy Agency*

16:15 – 17:00 3. MAKING IT HAPPEN: WILL IT WORK? MONITORING AND EVALUATING POLICIES AND PROGRAMMES  
*GUEST SPEAKER: Charles Michaelis, Strategy Development Solutions*

17:00 – 17:30 GROUP EXERCISE (INTRODUCE EXERCISE AND GROUPS)

17:45 – 18:45 Welcome reception and Icebreaking activities (Room: Foyer M)

08:30 – 09:00 Morning Coffee and Tea (Room: *Foyer M*)

## Energy Efficiency in Appliances and Equipment

*Room: Fórum (D+E). 4<sup>th</sup> Floor*

Stream leads: Melanie Slade & Sophie Attali (International Energy Agency)

9:00 – 9:30 REVIEW LEARNINGS FROM DAY 1  
*Melanie Slade & Sophie Attali, International Energy Agency*

9:30 – 10:30 4. MAKING IT HAPPEN: ASSESSING CURRENT PERFORMANCE AND SETTING MEPS  
*Sophie Attali, International Energy Agency*

10:30 – 11:00 Coffee and Tea Break (Room: *Foyer M*)

11:00 - 12:30 5. MAKING IT HAPPEN: INSIGHTS INTO ENERGY LABELS  
*Sophie Attali, International Energy Agency*  
*GUEST SPEAKER: Anna Navarro, CLASP*

12:30 – 13:30 Lunch (Room: *Foyer M*)

13:30 – 15:00 6. MAKING IT HAPPEN: INDUSTRY TRANSFORMATION AND INCENTIVES  
*Melanie Slade, International Energy Agency*  
*GUEST SPEAKER: Leonardo Genofre, Public Affairs & Advocacy Latam Manager, Daikin Industries Ltd.*  
*GUEST SPEAKER: Ana Christina Romano Mascarenhas, Superintendent of Energy Efficiency, Neoenergia*

15:00 - 15:30 Coffee and Tea Break (Room: *Foyer M*)

15:30 – 16:30 7. MAKING IT HAPPEN: UNDERSTANDING THE MARKET  
*Sophie Attali, International Energy Agency*  
*GUEST SPEAKER: Miguel Antonio Rodríguez Fuentes, Energy Efficiency Analyst at the Directorate General of Energy, Hydrocarbons, and Mines, participating in the SICA regional harmonisation programme*

16:30 – 17:30 GROUP EXERCISE

17:45 – 18:45 Icebreaking activities (Room: *Gauguin. 4<sup>th</sup> Floor*)

DAY 3

WEDNESDAY, 4 DECEMBER

08:30 – 09:00 Morning Coffee and Tea (Room: Foyer M)

## Energy Efficiency in Appliances and Equipment

Room: Fórum (D+E), 4<sup>th</sup> Floor

Stream leads: Melanie Slade & Sophie Attali (International Energy Agency)

9:00 – 9:30 REVIEW LEARNINGS FROM DAY 2 & DATA REQUEST  
*Melanie Slade & Sophie Attali, International Energy Agency*

9:30 – 10:30 8. MAKING IT HAPPEN: INTRODUCTION TO COMPLIANCE  
*Melanie Slade, International Energy Agency*

10:30 - 11:00 Coffee and Tea Break (Room: Foyer M)

9. MAKING IT HAPPEN: STAKEHOLDER INVOLVEMENT AND COMMUNICATION  
*Melanie Slade, International Energy Agency*  
*GUEST SPEAKER: Fernanda Tenório, Energy and Sustainability Specialist, Brazilian Institute for Consumer Protection (IDEC)*  
*GUEST SPEAKER: Yuri Vandresen, Technical coordinator of the Brazilian Topten Initiative*

12:30 – 13:30 Lunch (Room: Foyer M)

10. MAKING IT HAPPEN: PRODUCTS END OF LIFE AND REFRIGERANT MANAGEMENT  
*Sophie Attali, International Energy Agency*  
*Guest Speaker: Rene Alvarez Gutierrez, Project Leader in Energy Efficiency and Low GWP alternatives, National Ozone Office (NOO), Mexico*

14:30 – 15:00 GROUP EXERCISE

15:00 – 15:30 Coffee and Tea Break (Room: Foyer M)

15:30 – 16:30 11. GROUP EXERCISE AND PRESENTATIONS  
*Participants, Melanie Slade & Sophie Attali, International Energy Agency*

16:30 – 17:00 12. WHAT'S NEXT?  
*Melanie Slade & Sophie Attali, International Energy Agency*

## Energy Efficiency in Industry

Room: Matisse. 4<sup>th</sup> Floor

Stream leads: Patrick Crittenden (Sustainable Business Group), Corine Nsangwe Businge (International Energy Agency)

13:30- 14:15 INTRODUCTORY ROUNDTABLE

14:15 - 15:00 1. MAKING THE CASE FOR INDUSTRIAL ENERGY EFFICIENCY POLICY  
*Patrick Crittenden, Sustainable Business Group and Corine Nsangwe Businge, IEA*

15:00 - 15:30 Coffee and Tea Break (Room: Foyer M)

15:30 – 16:30 2. MAKING THE CASE FOR INDUSTRIAL ENERGY EFFICIENCY POLICY (CONT.)  
*Patrick Crittenden, Sustainable Business Group and Corine Nsangwe Businge, IEA*

16:30 – 17:30 3. OVERVIEW OF ENERGY EFFICIENCY POLICY PACKAGES  
*Patrick Crittenden, Sustainable Business Group and Corine Nsangwe Businge, IEA*

17:45 – 18:45 Welcome reception and Icebreaking activities (Room: Foyer M)

08:30 – 09:00 Morning Coffee and Tea (Room: *Foyer M*)

## Energy Efficiency in Industry

*Room: Matisse. 4<sup>th</sup> Floor*

Stream leads: Patrick Crittenden (Sustainable Business Group), Corine Nsangwe Businge (International Energy Agency)

09:00 - 10:00 4. CASE STUDY: CHILEAN LAW ON ENERGY EFFICIENCY – IMPACT AND OUTCOMES FOR INDUSTRY  
*GUEST SPEAKER: Marcel Silva Gamboa, Head of Productive Sectors Unit, Sustainable Energy Division, Ministry of Energy, Government of Chile*

10:00 – 10:30 5. ENERGY EFFICIENCY POLICY PACKAGES: REGULATION & INFORMATION

10:30 - 11:00 Coffee and Tea Break (Room: *Foyer M*)

11:00 – 12:30 6. CASE STUDIES FROM ACROSS LATIN AMERICA  
*INCLUDES: PotencializEE - Approach and mid-term evaluation of an industrial energy efficiency program in Brazil*  
*GUEST SPEAKER: Marco Schiewe, Director and Head of Project, GIZ*

12:30 - 13:30 Lunch (Room: *Foyer M*)

13:30 – 15:00 7. ENERGY EFFICIENCY POLICY PACKAGES: APPROACHES TO ENERGY MANAGEMENT SYSTEMS AND PROJECT IMPLEMENTATION  
*Patrick Crittenden, Sustainable Business Group and Corine Nsangwe Businge, IEA*

15:00 - 15:30 Coffee and Tea Break (Room: *Foyer M*)

15:30- 17:00 8. ENERGY EFFICIENCY POLICY PACKAGE: ENABLING INVESTMENT THROUGH INCENTIVES  
*PATRICK CRITTENDEN, SUSTAINABLE BUSINESS GROUP AND CORINE NSANGWE BUSINGE, IEA*

17:00- 17:30 9. UNDERSTANDING AND CONSULTING WITH STAKEHOLDERS  
*PATRICK CRITTENDEN, SUSTAINABLE BUSINESS GROUP AND CORINE NSANGWE BUSINGE, IEA*

17:45 - 18:45 Icebreaking activities (Room: *Gauguin. 4<sup>th</sup> Floor*)

08:30 – 09:00 Morning Coffee and Tea (*Room: Foyer M*)

## Energy Efficiency in Industry

*Room: Matisse. 4<sup>th</sup> Floor*

Stream leads: Patrick Crittenden (Sustainable Business Group), Corine Nsangwe Businge (International Energy Agency)

09:00 - 09:30 REVIEW: WHAT WE LEARNED YESTERDAY AND QUESTIONS

9:30 - 10:30 10. SEIZING THE OPPORTUNITIES OF ELECTRIFICATION IN INDUSTRY  
*Patrick Crittenden, Sustainable Business Group and Corine Nsangwe Businge, IEA*

10:30 - 11:00 Coffee and Tea Break (*Room: Foyer M*)

11:00 – 12:30 11. DID IT WORK? INDICATORS, EVALUATION AND SCALING UP PROGRAMMES  
*Patrick Crittenden, Sustainable Business Group and Corine Nsangwe Businge, IEA*

12:30 - 13:30 Lunch (*Room: Foyer M*)

13:30 – 15:00 12. WHAT ARE THE STEPS? POLICY PACKAGE DESIGN EXERCISE  
*Patrick Crittenden, Sustainable Business Group and Corine Nsangwe Businge, IEA*

15:00 - 15:30 Coffee and Tea Break (*Room: Foyer M*)

15:30 – 16:00 13. LEVERAGING DIGITAL TECHNOLOGIES  
*Patrick Crittenden, Sustainable Business Group and Corine Nsangwe Businge, IEA*

16:00 - 17:00 14. REVIEW: ROUNDTABLE DISCUSSION ON APPLICATION CHALLENGES AND THE DEVELOPMENT OF ACTION PLANS  
*Patrick Crittenden, Sustainable Business Group and Corine Nsangwe Businge, IEA*

## Energy Efficiency in Transport

Room: *Degas. 4<sup>to</sup> Floor*

Stream leads: Ian Skinner (Independent Consultant), Ana Lepure (International Energy Agency)

13:30 – 14:00 1. INTRODUCTORY ROUNDTABLE

14:00 – 14:40 2. TRANSPORT ENERGY USE IN CONTEXT  
*Ian Skinner and Ana Lepure*

14:40 – 15:00 3. TOOLKIT: INTRODUCTION TO POLICY PACKAGES  
*Ana Lepure*

15:00 – 15:30 Coffee and Tea Break (Room: *Foyer M*)

15:30 – 17:00 4. ROLE OF REGULATION IN IMPROVING TRANSPORT'S ENERGY EFFICIENCY  
*Ian Skinner*  
*GUEST SPEAKER: Marcela Castillo, Deputy Director, Centro Movilidad Sostenible*

17:00– 17:30 GROUP EXERCISE

17:45 – 18:45 Welcome reception and Icebreaking activities (Room: *Foyer M*)

DAY 2

TUESDAY, 3 DECEMBER

08:30 – 09:00

Morning Coffee and Tea (Room: *Foyer M*)

## Energy Efficiency in Transport

*Room: Degas. 4<sup>th</sup> Floor*

Stream leads: Ian Skinner (Independent Consultant), Ana Lepure (International Energy Agency)

09:00 – 09:30

REVIEW: WHAT WE LEARNT YESTERDAY AND QUESTIONS

09:30 – 10:30

5. THE ROLE OF ELECTROMOBILITY: TRENDS AND REGULATION

*Ian Skinner*

10:30 – 11:00

Coffee and Tea break (Room: *Foyer M*)

6. GOOD PRACTICES ON ELECTROMOBILITY

11:00 – 12:30

*GUEST SPEAKERS: Wagner Vílchez Núñez, Legal Advisor, National Energy Directorate, Ministry of the Environment and Energy (MINAE), Costa Rica; Carolina Martinez (previously of Bogota's bus operator), Colombia; Rafael Barros de Camargo, Superintendent of Structural Planning and Transport Evaluation, São Paulo Transporte.*

12:30 – 13:30

Lunch (Room: *Foyer M*)

7. ROLE OF BIOFUELS AND HYDROGEN

13:30 – 15:00

*Ian Skinner*

*GUEST SPEAKERS: Gustavo Luis de Souza Motta, Ministry of Mines and Energy, Brazil; Dr. Gláucia Mendes Souza, Professor, University of São Paulo, Brazil*

15:00 – 15:30

Coffee and Tea break (Room: *Foyer M*)

15:30 – 17:30

GROUP EXERCISE

17:45 – 18:45

Icebreaking activities (Room: *Gauguin. 4<sup>th</sup> Floor*)

DAY 3

WEDNESDAY, 4 DECEMBER

08:30 – 09:00 Morning Coffee and Tea (Room: Foyer M)

## Energy Efficiency in Transport

Room: Degas. 4<sup>to</sup> Floor

Stream leads: Ian Skinner (Independent Consultant), Ana Lepure (International Energy Agency)

09:00 – 09:30 REVIEW: WHAT WE LEARNT YESTERDAY AND QUESTIONS

### 8. ROLE OF INFORMATION IN IMPROVING ENERGY EFFICIENCY

09:30 – 10:30 Ian Skinner

*GUEST SPEAKER: Marcela Castillo, Deputy Director, Centro Movilidad Sostenible*

10:30 – 11:00 Coffee and Tea Break (Room: Foyer M)

### 9. INCENTIVES FOR IMPROVING ENERGY EFFICIENCY

11:00 – 12:30 Ana Lepure

*GUEST SPEAKER: Wagner Vilchez Núñez, Legal Advisor, National Energy Directorate, Ministry of the Environment and Energy (MINAE), Costa Rica*

12:30 – 13:30 Lunch (Room: Foyer M)

### 10. REGIONAL GOOD PRACTICE: PACKAGE APPROACH

13:30 – 14:30 Ana Lepure

*GUEST SPEAKER: Catalina Pino, Efficient Transportation Unit, Ministry of Energy, Chile*

14:30 – 15:00 11. TOOLKIT: FINANCING VEHICLE EFFICIENCY

*Ian Skinner*

15:00 – 15:30 Coffee and Tea Break (Room: Foyer M)

15:30 – 17:00 GROUP EXERCISE AND NEXT STEPS

## Energy Efficiency Indicators and Evaluation

Room: Galeria. 3<sup>rd</sup> Floor

Stream leads: Charles Michaelis (Strategy Development Solutions), Mafalda Silva (Institute of Science and Innovation in Mechanical and Industrial Engineering)

13:30 – 14:00	INTRODUCTORY ROUNDTABLE
14:00 – 14:30	1. WHERE TO START: INTRODUCTION TO KEY MONITORING AND EVALUATION CONCEPTS
14:30 – 15:00	2. TOOLKIT: ENERGY BALANCES AS A FIRST TOOL FOR INFORMING POLICIES; CASE STUDY OF GUATEMALA ENERGY BALANCE
15:00 – 15:30	Coffee and Tea Break (Room: Foyer M)
15:30 – 16:00	CASE STUDY: IMPLEMENTATION OF THE BIEE PROJECT IN MEXICO AND LATER DEVELOPMENTS
16:00 - 16:30	3. TOOLKIT: THE ROLE OF ENERGY EFFICIENCY INDICATORS
16:30 – 17:00	4. CASE STUDY: BRAZIL ENERGY EFFICIENCY ATLAS, EPE
17:00 – 17:30	5. ACTIVITY: DOUBLING RATE OF ENERGY EFFICIENCY PROGRESS BY 2030
17:45 – 18:45	Welcome reception and Icebreaking activities (Room: Foyer M)

08:30 – 09:00 Morning Coffee and Tea (*Room: Foyer M*)

## Energy Efficiency Indicators and Evaluation

*Room: Galeria. 3<sup>rd</sup> Floor*

Stream leads: Charles Michaelis (Strategy Development Solutions), Mafalda Silva (Institute of Science and Innovation in Mechanical and Industrial Engineering)

09:00 – 09:30 REVIEW: WHAT WE LEARNED YESTERDAY AND QUESTIONS

09:30 – 10:00 7. WHERE TO START: USING INDICATORS AND EVALUATION IN POLICYMAKING

10:00 – 10:30 8. INTRODUCTION TO THEORIES OF CHANGE

10:30 – 11:00 Coffee and Tea Break (*Room: Foyer M*)

11:00 – 11:30 9. TOOLKIT: MULTIPLE BENEFITS OF ENERGY EFFICIENCY AND CIRCULARITY

11:30 – 12:30 10. ACTIVITY: DEVELOP THEORY OF CHANGE FOR DOUBLING ENERGY EFFICIENCY POLICY PACKAGE  
GROUPS PRESENT THEORIES OF CHANGE

12:30 - 13:30 Lunch (*Room: Foyer M*)

13:30 – 14:00 11. TOOLKIT: POLICY AND PROGRAMME INDICATORS

14:00 – 15:00 12. ACTIVITY: IDENTIFY INDICATORS FOR CASE STUDY

15:00 - 15:30 Coffee and Tea Break (*Room: Foyer M*)

15:30 – 16:30 13. ACTIVITY: FINALISE AND REPORT BACK FROM BREAKOUT GROUPS

16:30- 17:30 14. CASE STUDY: PROCEL

17:45 – 18:45 Icebreaking activities (*Room: Gauguin. 4<sup>th</sup> Floor*)

08:30 – 09:00 Morning Coffee and Tea (*Room: Foyer M*)

## Energy Efficiency Indicators and Evaluation

*Room: Galeria. 3<sup>rd</sup> Floor*

Stream leads: Charles Michaelis (Strategy Development Solutions), Mafalda Silva (Institute of Science and Innovation in Mechanical and Industrial Engineering)

09:00 – 09:30 REVIEW: WHAT WE LEARNED YESTERDAY AND QUESTIONS

09:30 – 10:00 15. WHAT ARE THE STEPS: DATA SOURCES FOR DEVELOPING EFFICIENCY INDICATORS

10:00 – 10:30 16. CASE STUDY: MEASURING CONTRIBUTION, GLOBAL ENERGY ALLIANCE FOR PEOPLE AND PLANET

10:30 – 11:00 Coffee and Tea Break (*Room: Foyer M*)

11:00 – 11:45 17. WHAT ARE THE STEPS: HOW TO TELL IF YOUR POLICY MADE A DIFFERENCE?

11:45 – 12:00 18. GENDER EQUALITY AND SOCIAL INCLUSION

12:00 – 12:30 19. WHAT ARE THE STEPS: DEVELOPING EVALUATION QUESTIONS

12:30 - 13:30 Lunch (*Room: Foyer M*)

13.30-15.00 20. ACTIVITY: DEVELOPING A MONITORING, EVALUATION AND LEARNING (MEL) FRAMEWORK

15:00 - 15:30 Coffee and Tea Break (*Room: Foyer M*)

15:30 – 16:00 21. GROUP REPORTING OF MEL FRAMEWORKS.

16:00 – 16:30 22. WHERE TO GET HELP: ADDITIONAL RESOURCES IN MONITORING AND EVALUATION

16:30 – 17:00 FEEDBACK ON THE COURSE AND CLOSE

08:30 – 09:00 Morning Coffee and Tea (*Room: Foyer M*)

## Making More Energy Efficiency Happen

*Room: Gauguin. 4<sup>th</sup> Floor*

09:00 – 09:30 SECTOR STREAMS REPORT BACK ON KEY LESSONS

09:30 – 10:30 COMMUNICATION STRATEGIES TO SUPPORT ENERGY EFFICIENCY GOALS

10:30 – 10:45 Coffee and Tea Break (*Room: Foyer M*)

10:45 – 12:00 GROUP PROJECT

12:00 – 13:00 Lunch (*Room: Foyer M*)

13:00 – 14:00 GROUP PROJECT

14:00 – 15:00 PRESENTATION OF GROUP PROJECTS

15:00 – 15:30 CLOSING REMARKS & AWARDS

15:30 – 16:30 CERTIFICATES AND CONCLUSION

16:30 Coffee and Tea Networking (*Room: Foyer M*)

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