



The Abdus Salam
International Centre
for Theoretical Physics



Energy Modelling Platform - Global

DESCRIPTION:

The Energy Modelling Platform - Global is a fantastic opportunity to get free training, access to discussion forums, and coaching skills in models and tools for all of your energy planning needs.

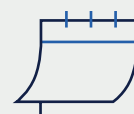
MORE INFORMATION:

There are ten tracks listed below, each focusing on different tools. Note, that for any track that you apply for, you must complete the Open University course of your one desired track and obtain a certificate, attaching it as a part of your application to EMP-G (see this link to the courses and video instructions on webpage; for the 'Advanced CLEWs - CLEWs++ modelling' track, please complete the "Introduction to CLEWs" OU course). Additionally, regardless of what track you apply for, you must also complete the Open University course on Political Economy and obtain a certification, attaching it as a part of your application to EMP-G. The tracks are developed with UNDESA, IAEA, UNDP, IRENA, ESMAP - The World Bank Group, SEforALL, WRI, Politecnico di Milano, Imperial College London, the OpTIMUS community of practice, several universities, and the Climate Compatible Growth (#CCG) programme.

The EMP-G is split into two parts: (1) you will be trained in the tool you applied for, further building your skills on top of what you learnt in the Open University course; (2) you will use your new skills to conduct analyses on country-specific case studies, with assistance being provided from trainers. The only exception is the "Electricity Transition Playbook", which is a weeklong interactive course focused on guiding your country through an energy transition, and take part in the last week of the training. You will receive an ICTP certificate on attendance and successful completion of the EMP-G by creating a presentation and a report of your analysis (obtained after attending the EMP-G). There is no fee to attend, however competition for the limited spots is high.

TRACKS:

- OnSSET/The Global Electrification Platform
- Energy and Flexibility Modelling: OSeMOSYS & FlexTool
- Introduction to CLEWs
- Energy Access Explorer: Data-driven, Integrated and Inclusive Energy Planning
- The Electricity Transition Playbook
- Geospatial data, best practices for collection and management
- Financial Analysis of Power Sector Projects using the FINPLAN Model
- Geospatial Clean Cooking access modelling, using OnStove
- Financial Modelling for Energy Transitions (MINFin, FinTrack & FinCore)
- Advanced CLEWs - CLEWs++ modelling



13 July - 24 July 2026



Trieste, Italy



3 April 2026

DIRECTORS:

Mark Idwal Howells, Loughborough University and Imperial College London
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Naomi Tan, Loughborough University
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LOCAL ORGANIZER:

Adrian Tompkins, ICTP

FURTHER INFORMATION:

E-mail: smr4225@ictp.it



Web: <https://indico.ictp.it/event/11151/>

Female scientists are encouraged to apply.

GRANTS:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

