

## INSTRUCTORS

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## LANGUAGE

The workshop will be held in English.

### SDGs Learning, Training and Practice Web page

The programme of the HLPF SDGs Learning, Training and Practice week is available on sustainable development knowledge platform at:

<https://sustainabledevelopment.un.org/hlpf/2018/SDGsLearning>

#HLPF #SDGs



High-level Political Forum on Sustainable Development (HLPF)

## SDGs Learning, Training and Practice

# What is needed to make capacity building for SDG7 truly effective?

10 July 2018

3:00 PM – 6:00 PM

Conference Room 5

United Nations Headquarters  
New York, USA



## BACKGROUND

Access to reliable and affordable energy is critical to social and economic development. Today, over 1 billion people around the world still lack basic access to electricity, and a substantial increase in supply will be required over the next decades to support economic development and meet the Sustainable Development Goals (SDGs). Integrated energy planning is critical to designing the energy strategies needed to achieve sustainable development through systematic analysis of the wide range of factors influencing the evolution of energy systems.

For instance, a well-established and robust energy planning framework can be used to explore linkages, evaluate trade-offs and compare consequences of alternative energy policy options, technology and infrastructure choices. Such a framework can also foster exchange among the many stakeholders involved in decision making on energy supply and

demand consistent with national implementation of SDGs. To this end, the IAEA offers a wide range of training programmes, technical assistance and information exchange, particularly for developing countries, to help establish and build capacity in energy planning and energy systems analysis.

## OBJECTIVES

The IAEA course will outline capacity building strategies for energy planning that integrate the multidimensional challenges associated with the Sustainable Development Goals.

## AUDIENCE

The course will be open to all participants attending HLPE.

## WORKSHOP FORMAT AND TOPICS

The topical session with IAEA instructors will present key elements of the Agency's capacity building framework for energy transformation, and associated challenges and lessons learned. Integrated energy systems analysis based on the Agency's analytical tools will be showcased with hypothetical and real case studies. The training session will allow participants to understand the key elements of an effective capacity building framework for SDG7 as well as the utility and relevance of model-based scenario analysis for evidence based decision making.

Session topics will include:

- Principles of capacity building and role in achieving the SDGs;
- Importance of national country data collection and analysis;
- Formulation of energy policies within a changing society;
- Systematic problem formulation and identification of stakeholder roles;
- Problem solving using an integrated suite of analytical tools;
- Creation of regional and global capacity building networks;
- IAEA's SDG 7 capacity building programmes and experience.

