



**IAEA**

International Atomic Energy Agency

*Atoms for Peace and Development*

# **Workshop to Exchange Experience on Energy System Modelling for Planning**

**Energy Institute Hrvoje Požar (EIHP)**

**Zagreb, Croatia**

**1–5 July 2019**

**Ref. No.: EVT1804660**

## **Information Sheet**

### **Introduction**

The workshop will consist of presentations by the participants and experts as well as group discussions. It will cover: (a) major issues related to energy systems in the context of sustainable development; (b) energy system modelling approaches and scenario designs for evaluating alternative energy strategies that take into account the techno-economic and environmental aspects of various energy option parameters; (c) trade-offs for the possible integration of the national energy system with subregional and regional networks; and (d) the policy relevance of energy system analysis in Member States. The emphasis will be on modelling approaches for the evaluation of energy system infrastructure in relation to energy affordability, energy security, environmental and climate change impacts, with the help of the International Atomic Energy Agency's (IAEA's) energy models or similar tools.

Each participant is expected to give a presentation with a focus on the application of energy system models in the respective Member States. Of particular interest are innovative analytical solutions to address issues that are likely to be of relevance to other participants. Furthermore, the participants should highlight instances where energy system assessments have been used to inform policy formulation or other decisions in their home countries. A general assessment of how the energy planning and assessment activities are integrated into decision-making processes can also be included in the presentations. A short summary of the contents of the presentation (e.g. the main model to be discussed) should be sent to the Scientific Secretary of the workshop, Ms Loreta Stankeviciute (Email: [L.Stankeviciute@iaea.org](mailto:L.Stankeviciute@iaea.org)) no later than **15 June 2019**.

## Objectives

The purpose of the workshop is to facilitate the exchange of experiences among Member States regarding the use of the IAEA's tools for energy planning and analysis, and to provide an opportunity to share relevant analytical tools that they have developed. The workshop will focus on methodological aspects of the tools and their relevance for the formulation of energy policy and strategies to promote sustainable development in the participating countries.

## Target Audience

Member States are invited to designate one participant for this workshop who has a specialized knowledge of, or experience in, contemporary energy issues as well as adequate skills in the use of the IAEA's energy planning models. Each participant is expected to give a presentation lasting 30 to 45 minutes to share his/her country's experience in analysing energy issues with the help of modelling tools. Member States are strongly encouraged to identify suitable women participants.

## Working Language(s)

The event will be held in English.

## Participation and Registration

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State, participants are requested to send the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **30 April 2019**. Participants who are members of an organization invited to attend are requested to send the **Participation Form (Form A)** through their organization to the IAEA by the above deadline.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

## Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per

country, provided that, in the IAEA's view, the participant will make an important contribution to the event.

The application for financial support should be made using the **Grant Application Form (Form C)** which has to be stamped, signed and submitted by the competent national authority to the IAEA together with the **Participation Form (Form A)** by **30 April 2019**.

## Visas

Participants who require a visa to enter Croatia should submit the necessary application as soon as possible to the nearest diplomatic or consular representative of Croatia.

## IAEA Contacts

### Scientific Secretary:

#### Ms Loreta Stankeviciute

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### Administrative Secretaries:

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Subsequent correspondence on scientific matters should be sent to the Scientific Secretary/Secretaries and correspondence on other matters related to the event to the Administrative Secretary.