



STATE OF ISRAEL



Israel's Agency for International
Development Cooperation
Ministry of Foreign Affairs

ARAVA INSTITUTE
מכון הערבה
معهد وادي عربة

Arava Institute for
Environmental Studies

Kibbutz Ketura, Israel

**MASHAV - Israel's Agency for International Development
Cooperation**

with

The Arava Institute for Environmental Studies

invite professionals

to participate in the

International Course in Renewable Energy:

**Energy Transition and Innovation
for Climate Adaptation**

November 23rd – December 10th, 2025



About the Course

Background

Access to sustainable energy is fundamental to economic growth, social equity, and climate resilience. In the face of a rapidly changing climate and growing global energy demand, the transition to renewable energy is no longer a choice - it is a necessity. Clean energy sources such as solar, wind, and biomass not only reduce environmental harm but also offer scalable, decentralized solutions to energy access and development challenges, particularly in vulnerable and underserved regions.

Today, renewable energy stands at the forefront of global strategies for climate adaptation and sustainable development. Its potential to drive regional innovation, improve livelihoods, and strengthen community resilience has been widely recognized across policy, research, and development sectors. Harnessing this potential requires skilled professionals who can integrate energy innovation with climate-responsive planning and implementation.

This international training program, hosted by the **Arava Institute for Environmental Studies** at **Kibbutz Ketura** in southern Israel, offers mid-career professionals from the public and private sectors a unique opportunity to explore the intersections of renewable energy, technological innovation, and climate adaptation. Drawing on the expertise of the **Center for Renewable Energy and Energy Conservation**, the course provides participants with both foundational knowledge and practical tools for real-world applications.

The program includes expert-led lectures, interactive workshops, and site visits to operational renewable energy installations. It also emphasizes peer learning, regional cooperation, and practical problem-solving, encouraging participants to bring their own professional contexts into the conversation and co-develop strategies for energy transition and resilience in their home countries.

Aims

Course Aims

1. **Provide a comprehensive understanding of the global energy landscape**, including current trends, challenges, and opportunities in the transition to renewable energy.
2. **Introduce the fundamentals of energy economics**, including pricing, market structures, and policy mechanisms such as carbon taxation, to support informed decision-making.
3. **Explore off-grid energy solutions** as tools for climate adaptation, social equity, and regional development, with a focus on decentralized and context-specific applications.
4. **Examine the critical role of cities** in driving climate resilience and energy innovation through planning, infrastructure, and governance.
5. **Foster a practical understanding of renewable energy technologies** through site visits to innovative installations and real-world applications in Israel's Arava region.
6. **Encourage cross-sectoral learning and collaboration** by creating a platform for professionals from diverse backgrounds to share experiences, challenges, and strategies related to climate and energy.
7. **Equip participants with tools and frameworks** to integrate renewable energy and climate adaptation into their own professional, regional, or policy contexts.

Application

Application Requirements

The target audience for this course is those who are interested in expanding their knowledge and initiatives into sustainable and renewable energy management in their communities.

This training program is intended for mid-level professionals, working for government, non-governmental organizations, decision-making bodies, academia and the private sector. Our expectation is that a program of this type will be especially appealing to professionals who work on alternative energy management, energy production and for those who work in sustainable community development.

The program will be conducted in English. It is essential that the participants have a high level of reading, writing and speaking in English.

Participants should have at least the equivalent of a university degree or professional diploma and a desire to leverage their knowledge in a field related to energy.

Competition for the MASHAV Courses is merit-based and selection will be made on the basis of applicants' achievements, interest, added value of the program to the participant, professional aptitude, leadership potential in the field of Renewable Energy, and knowledge of English.

Funding for the MASHAV Courses is limited and the program is highly competitive; not all qualified applicants will receive awards.

Application form

Interested candidates are asked to complete the Online Application Form:

<https://mashav-mfa.formtitan.com/ftproject/mashavhome>

Select the language and enter the course code: **7185**

The completed application form, including the health declaration & other documents, must be submitted until **15/10/2025**.

Other information may be obtained at the nearest Israeli mission in the respective country, or at MASHAV's website: <http://mashav.mfa.gov.il/MFA/mashav/Courses/Pages/default.aspx>.

General Information

MASHAV awards a limited number of scholarships. The scholarship covers the cost of the training program including lectures and field visits, full board accommodation in double rooms (two participants per room), health insurance (see below) and transfers to and from the airport. Airfares and daily spending allowance are not included in the scholarship.

Arrival and Departure

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|-----------------|--------------------------|
| Arrival date: | Sunday November 23, 2025 |
| Opening date: | Monday November 24, 2025 |
| Closing date: | Tuesday Dec 9, 2025 |
| Departure date: | Wednesday Dec 10, 2025 |

Participants must arrive at the training center on the arrival date, and leave on the departure date. Early arrivals/late departures if required, must be arranged by the participants themselves, directly with the hotel/center, and must be paid for by the participant him/herself.

Flight

- We recommend that all participants, coming from the same country, arrive to Israel on the same flight to facilitate the entrance to Israel .
- Do not purchase the flights tickets prior to approval of the candidates' lists. It is recommended that any financial arrangements (flight tickets, insurance and more) will come with a full refund change/cancelation option

Location and Accommodation

The course, will be held at the Arava Institute for Environmental Studies, situated at Kibbutz Ketura in the Arava Desert, four hours' drive from the center of Israel. Kibbutz Ketura is a collective community, located in the Arava valley of Israel. It is approximately 50 kilometers from the Red Sea resort city of Eilat in the south of Israel. Participants are housed two to a room throughout the course. At the beginning and end of the course, several days will be dedicated to field tours in various locations in Israel.

In Nov/Dec the weather will be comfortable; temperatures will range from around 25°- 30°C during the day and down to about 15°C at night. For more information on Kibbutz Ketura, you can access the website at: <https://www.ketura.org.il/welcome-to-ketura/>

General Health Services

1. **MASHAV'S Medical form/declaration** must be completed and delivered by all candidates to the Embassy of Israel with your candidacy forms.
2. **MASHAV'S Medical insurance** covers only medical services and hospitalization in case of emergency. It does not cover the treatment of chronic or existing conditions, specific medications taken by the participant on a regular basis, dental care and eyeglasses. Participants will be responsible for all other expenses, which are not covered by the insurance policy. Israeli Health authorities recommend that all visitors to Israel make sure they **have been vaccinated against tetanus in the last ten years.**

About MASHAV

MASHAV – Israel’s Agency for International Development Cooperation is dedicated to providing developing countries with the best of Israel’s experience in development and planning. As a member of the family of nations, The State of Israel is committed to fulfilling its responsibility to contribute to the fight against poverty and to the global efforts to achieve sustainable development. MASHAV, representing Israel and its people, focuses its efforts on capacity building, sharing relevant expertise accumulated during Israel's own development experience to empower governments, communities and individuals to improve their own lives.

MASHAV’s approach is to ensure social, economic and environmental sustainable development, and is taking active part in the international community’s process of shaping the Post-2015 Agenda, to define the new set of the global Sustainable Development Goals (SDGs).

MASHAV’s activities focus primarily on areas in which Israel has a competitive advantage, including agriculture and rural development; water resources management; entrepreneurship and innovation; community development; medicine and public health, empowerment of women and education. Professional programs are based on a “train the trainers” approach to institutional and human capacity building, and are conducted both in Israel and abroad. Project development is supported by the seconding of short and long-term experts, as well as on-site interventions. Since its establishment, MASHAV has promoted the centrality of human resource enrichment and institutional capacity building in the development process – an approach which has attained global consensus.

<http://mashav.mfa.gov.il>

<https://www.facebook.com/MASHAVisrael>

About the Arava Institute

THE ARAVA INSTITUTE FOR ENVIRONMENTAL STUDIES - We are the Middle East’s beacon for climate resilience – a space where innovative research, hands-on projects, and bold ideas converge to address the region’s most pressing environmental and social challenges.

At the Arava Institute, we bring together people from across Israel, Palestine, Jordan, and beyond to live, study, and work toward a shared future. Through facilitated dialogue and cooperative climate initiatives, we lay the foundation for lasting relationships and cultivate the next generation of environmental leaders, ready to challenge the status quo .

For us, hope is a deliberate choice - a way to actively push forward. From advancing climate technologies to building enduring bonds, we demonstrate that sustainable change is possible.

We believe in the power of individuals and collective action to shape a new reality—one rooted in security, justice, and trust.

For further information about the Arava Institute, please find here the website link: www.arava.org