



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



**WEITZ
CENTER**
for Development
Studies - CERUR



**International Training on
“Clean Technologies – Environmental technology, innovation and management
systems as means for regional and local economic development”
June 16th – July 10th, 2015**

Organized by the Weitz Center for Development Studies

Clean Technology is commonly defined as a diverse range of products, services, and processes that harness renewable materials and energy sources, dramatically reduce the use of natural resources, and cut or eliminate emissions and wastes. Clean Technology includes a wide variety of environmental, social and economic activities predominantly comprising the fields of: clean production including green chemistry, resource efficiency including energy efficiency, renewable energy, information technology, green transportation, sustainable water technologies and green building. Investments in clean technology have grown considerably since coming into the spotlight around the year 2000. For example, the markets for clean energy technologies grew from less than \$7 billion in 2001 to over \$188 billion in 2010. This staggering increase is a result of the growing constraints on conventional economic growth due to environmental degradation, high oil prices, scarcity of natural resources and climate change. Therefore, some regard Cleantech as the beginning of a revolution that is changing the places where we live and work, the products we manufacture and purchase, and the development plans of cities, regional governments, and nations around the globe.

Many clean technologies also offer significant additional benefits, notably their ability to improve the lives of those in both developed and developing countries. Communities can be connected to electricity without the need to build a complex national grid, waste can be collected and turned into energy, and water can be purified to provide safe drinking water. Therefore, the realization of clean technology is twofold: technologies, and implementation - utilizing a better understanding of socio-economic factors in the move towards sustainable development. The international training *Clean Technologies – Environmental technology, innovation and management systems as means for regional and local economic development* will emphasize for participants the importance of this two-pronged approach to the realization of clean technology, introduce and review a variety of clean technologies and illustrate implementation mechanisms such as: supportive policy and legislation, advocacy and promotion, the value of regional and international networks and the role of business development and entrepreneurship.

The course aims to:

- Provide participants with knowledge, tools and strategies related to clean technologies
- Inspire and energize participants to be agents for positive change in their countries
- Expose participants to new approaches and opportunities in the field of clean technology
- Present Israel as a case study from which to draw valuable lessons about clean technology
- Enrich participants with professional skills with which to develop their careers and best benefit their communities and countries
- Connect participants with an international network of professionals in their field

The program will provide participants with knowledge and tools in the following subjects:

- + Policies and national programs for cleantech development
- + Law and regulation implementation for renewable energy , energy efficiency and water conservation
- + Advocacy for and promotion of cleantech
- + Platforms, networks and cooperation for new technology implementation at the regional level

- + Innovation support systems, SME and entrepreneurship support for cleantech development
- + The Israeli experience and Israeli cleantech startups in water technologies, energy technologies and waste management, recycling and waste to energy programs

The Israeli experience

Israel is a small, densely populated country with few natural resources. As such, Israel developed novel technologies for conservation, resource management and implementation mechanisms. Israel excels in innovative ideas and patents on new technologies. A recent international report by The World Wildlife Fund and the Cleantech Group (an environmental consulting company) ranked Israel second in providing favorable conditions for cleantech development.

International Collaboration: UNIDO

Mashav and the Weitz Center continue the ongoing collaboration with UNIDO. The Weitz Center belongs to UNIDO's RECPnet: Global Network for Resource Efficient and Cleaner Production Centers.

The methodology

Participants will participate in both classroom based lectures and study visits, benefiting from the experience and knowledge of high-level Israeli experts and consultants. Israeli case studies and practice will be discussed throughout the program. Additionally, participants will be required to formulate and present a project of interest relevant to the topic of this course. For this purpose, some pre-course work will be required. Detailed instruction will be sent to the selected participants.

Remark: Please take into consideration that the program involves daily walking on the campus as well as during field visits.

Who may apply?

The training targets highly motivated decision makers, policy makers and professionals from the fields of energy, water, waste, agriculture, climate change, infrastructure and economic development, working in government ministries (such as local government, planning, development, energy and others), in local authorities, NGO's and CBO's active in the field of entrepreneurship and startup, venture capital funds, business organizations, and academic institutions engaged with cleantech and entrepreneurship programs.

Application Process

*Candidates must complete the appropriate application forms (including health certificate, declaration etc.) available at the Israeli diplomatic mission in their country, or through the Internet <http://mashav.mfa.gov.il>, www.weitz-center.org. The completed forms should be submitted in **WORD documents** at the Israeli mission in your area and sent to our office (ronit@weitz-center.org) **not later than April 17th, 2015**. Candidates must also hand in a passport photo by electronic file.*

Scholarships

*The scholarships includes: tuition, 25 days with full board accommodation (sharing a room with one other participant), medical insurance and transportation from/to the airport in Israel. MASHAV assumes responsibility for the cost of participants' medical insurance for the duration of the course **excluding costs arising from dental care, pregnancy, eyeglasses and chronic illnesses**.*

MASHAV and the Weitz Center are not responsible in case of lost or stolen personal belongings.

The scholarship does not include flight tickets and additional out of pocket expenses. It should be taken into account when booking the flight tickets that the scholarship covers exclusively 15-16.6.15 (arrival day) to 10.7.15 (day of departure). Any liability or expense out of this term shall be entirely at the expense of the participant.

About MASHAV

MASHAV – Israel's Agency for International Development Cooperation - at Israel's Ministry of Foreign Affairs was founded in late 1957, and is responsible for the design, coordination and implementation of the State of Israel's development cooperation programs. MASHAV concentrates on human and institutional capacity

building by sharing Israel's own development experience and expertise, imparting know-how and transferring innovative technologies and tested methodologies adaptable to developing country needs. MASHAV's approach is to ensure social, economic and environmental sustainable development, joining the international community's efforts to implement the Millennium Development Goals by 2015. In events of natural disasters, MASHAV also provides humanitarian assistance and participates in reconstruction and rehabilitation efforts.

About Weitz Center

The Weitz Center for Development Studies is a leader in capacity building for sustainable development. Our work is dedicated to enhancing the efforts of international agencies, governments, communities, civil society and private sector organizations to achieve positive social and economic change worldwide. Towards this end, we offer high quality training and consulting services, highlighting our practical, assets-based and integrated approach to development. <http://www.weitz-center.org/>

Additional Information

Any additional information is available at:

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