# Table of Contents

- **Foreword** ............................................. 3
- **Guiding Principles** ................................. 4
- **Mashav 2011 Highlights** ......................... 6
- **Mashav at a Glance** ............................... 14
- **Mashav Activities Around the World** .......... 20
- **Regional & Country Report** ...................... 22
  - Africa .................................................. 22
  - Asia & Oceania ....................................... 28
  - Central Europe & Eurasia .......................... 32
  - Latin America & the Caribbean .................. 35
  - Mediterranean Basin ............................... 39
  - Middle East & North Africa ....................... 39
  - North America & the European Union .......... 40
- **Extensions & Affiliates** ......................... 42
- **Shalom Clubs** ....................................... 54
- **Organizational Chart** ............................. 56
After serving my country as Ambassador and Deputy Permanent Representative at Israel’s Mission to the United Nations in New York and returning back home, it is a great pleasure for me to address you in my new capacity as Deputy Director General of the Ministry of Foreign Affairs and Head of MASHAV, Israel’s Agency for International Development Cooperation.

For over 53 years, MASHAV has been committed to cooperation throughout the developing world, promoting projects focusing on the centrality of human resources enrichment and institutional capacity building in the area of development. Since its inception, over 270,000 professionals from all over the world have taken part in MASHAV’s professional programs.

MASHAV is dedicated to providing developing countries with the best of Israel’s experience in development and planning. As a country which has gone through the process of switching from an underdeveloped state in the 1950s to a recent membership in the OECD, we feel we can share with others our firsthand experience in development.

In recent years, Israel has intensified its commitment in international cooperation and its involvement in international development diplomacy. In December 2007, during my tenure at the UN, Israel initiated a resolution on Agricultural Technology for Development which was adopted at the 62nd UN General Assembly and enjoyed an overwhelming support from the international community. In November 2011, the UN General Assembly recalled and adopted the resolution for the third time.

In light of the importance of the need to implement better and more efficient development programs, MASHAV is in the process of establishing partnerships with partner countries and other donor agencies and development organizations. We are also looking towards the Rio + 20 international meeting which will address the future of development assistance vis a vis poverty eradication and mitigation. We will need to adopt a new commitment and guidelines for the future of global development efforts.

The State of Israel has a lot to offer in this regard. MASHAV is ready to fulfill its obligation and contribute to the international community’s efforts to achieve the Millennium Development Goals and thus improve the livelihoods of millions of people around the globe.

A large part of the world is facing severe long-term development challenges aggravated by the climate, economic, food and energy crises. These global crises affect all human beings, especially those living in developing countries. Often, our attention is preoccupied with more immediate crises, and long-term challenges are put on the back-burner. Yet, for many countries, they are an urgent matter. We must therefore reach out to ensure social, economic and environmental sustainable development, joining the international community’s efforts to provide a better livelihood for millions of people around the world.

Let me reaffirm our commitment to continue expanding our technical cooperation programs in the coming years, for the benefit of those who need it most.

Sincerely,

Ambassador Daniel Carmon
Head of MASHAV
Israel’s Agency for International Development Cooperation
Israel's official international development cooperation program was launched in late 1957 with the aim of sharing with the rest of the developing world the know-how and technologies which provided the basis for Israel's own rapid development. MASHAV, the Hebrew acronym for Israel's Agency for International Development Cooperation, was established as a division of the Ministry of Foreign Affairs. What started as a modest program focused on grassroots-level human capacity building at a time when Israel itself was still very much a developing country, has blossomed into an extensive program of cooperation throughout the developing world with the aim of ensuring social, economic and environmental sustainable development.

Since its establishment, MASHAV has trained close to 270,000 course participants from approximately 132 countries in Israel and abroad and has developed dozens of demonstration projects worldwide.

MASHAV has consistently made its priority the goal of poverty alleviation, provision of food security, empowerment of women and upgrade of basic health and education services. The formalization of these priorities in the Millennium Development Goals (MDGs) has only caused us to redouble our longstanding efforts to put Israeli solutions at the service of developing countries in order to further their implementation.

MASHAV’s guiding principles are the following:

- **MASHAV activities focus on areas in which Israel has a comparative advantage and accumulated expertise.** MASHAV believes that our greatest possible contribution to developing countries can be made in fields where Israel has relevant expertise accumulated during its own development experience as a young country facing similar challenges. The list of such fields is extensive, including: water resource management and irrigation, desert agriculture and combat of desertification, early childhood education, rural and community development, emergency and disaster medicine, public health, empowerment of women, and many others.

- **MASHAV’s focus is on human capacity building and training.** Our belief is that training of trainers and other capacity building activities is the best way to achieve maximum impact in development activity. Education and the transfer of skills and capacities lead to empowerment – the surest guarantee of sustainable growth.

- **Aid Effectiveness:** MASHAV operates according to international agreed standards and principles. Among them: demand driven programs; country program ownership; alignment to national development programs; more coordination; and others. MASHAV adheres to the accepted
international principles as stated, among others, in the Earth Summit in Rio de Janeiro; the Johannesburg Summit on Sustainable Development; the Monterrey Consensus; the Paris Declaration on Aid Effectiveness; the Accra Agenda for Action; the Doha Conference on Financing for Development and the Busan Partnership for Effective Development Cooperation.

- **MASHAV believes in active consultation with local partners.** For development cooperation to work, it is not enough assist developing countries acquire new technologies and methodologies which have had positive effect elsewhere. The solutions that may work in one culture or geographical area can be inappropriate or even harmful in another environment. Thus, we emphasize the importance of developing local solutions in partnership with local organizations, working jointly to create new ideas or adapt ideas to local needs rather than just blindly adopt them.

- **MASHAV’s approach to development states that every program must be comprehensive, inclusive and carried out in an integrative fashion.** MASHAV, as part of the implementation of aid effectiveness principles and in order to become more effective and result-oriented; has commenced a process of focusing on target countries by implementing and endorsing a more comprehensive and holistic approach to meeting all basic human needs.

- **MASHAV prefers small-scale activities aimed at “bottom-up”, community-driven development.** MASHAV endeavors to identify relevant micro-project activities that can serve as a catalyst for wider-scale development, targeting the grassroots in many of our activities.

- **MASHAV seeks cooperative projects with other development organizations.** As part of the efforts towards achieving the MDGs, the international community was called to create more partnerships. MASHAV is making a special effort in this direction and offers partnerships in subjects in which Israel has a comparative advantage to development agencies (governmental and non-governmental), international organizations and development banks. MASHAV’s experience with such joint projects, often on a cost-sharing basis, has been very positive, broadening the impact of the potential contribution and the efficacy of the projects undertaken.

- **MASHAV believes that development cooperation can and should be used to forge bonds of peaceful cooperation between Israel and its neighbors.** Consequently, MASHAV implements bilateral and regional development cooperation programs with our neighbors and endeavors to be even more active throughout the Middle East, regardless of the political climate.
MASHAV is responsible for the design, coordination and implementation of the State of Israel’s development cooperation programs. As such, MASHAV is dedicated to providing developing countries with the best of Israel’s experience in development and planning. As a country that moved from an underdeveloped state in the 1950s to becoming a member of the OECD in 2010, we feel we can share with others our firsthand experience in development.

In 2011 MASHAV’s activities included a wide spectrum of international partnerships and programs for development. A total of 2,638 professionals from 109 countries participated in 120 activities offered in Israel, while 2,913 took part in 72 on-the-spot courses (in host countries) offered in a total of 31 countries. MASHAV experts were dispatched throughout the world on 110 short-term consultancies and humanitarian medical missions to 46 countries, and eight long-term experts served in MASHAV’s demonstration projects around the world. MASHAV hosted 13 professional delegations, and organized and participated in many international conventions around the world.

The following are highlights of some of MASHAV’s activities in 2011:

**Agricultural Technologies for Development**

In November, the UN General Assembly recalled and adopted for the third time the resolution initiated by the State of Israel entitled *Agricultural Technology for Development* adopted at the 62nd UN General Assembly in December 2007.

The resolution urges Member States, relevant UN organizations and other stakeholders to strengthen efforts to improve the development of appropriate sustainable agricultural technologies and their transfer to developing countries at the bilateral and regional levels, and to support national efforts to foster the utilization of local know-how and agricultural technologies, promote agricultural technology research and access to knowledge and information. Among the principal issues in the renewed resolution were the importance of sustainable development in light of the UN Conference on Sustainable Development Rio+20, the importance of empowerment of rural women, and climate change.

**Development Dialogues**

In order to advance the UN international development agenda beyond 2015, and in accordance with the Busan Partnership for Effective Development Cooperation, MASHAV has established an active dialogue for development with other donor countries (among them Belgium, Canada, France, Germany, Italy, Korea and the United States) and with fellow donor agencies (among them USAID, GIZ, KOICA and CIDA); as well as with the Israeli civil society, academia and other organizations, to map out the strengths and challenges of the MDGs and explore elements for a future framework of international cooperation for development.

**Israel-UN-DESA High-Level Expert Group Meeting on Green Agriculture**

In advance of the 2012 *Rio+20 Conference*, the Government of Israel through MASHAV and the Israeli Ministry of Agriculture, jointly with the Secretariat of the United Nations Conference on Sustainable Development (UN-DESA) co-organized in Israel in

**Israel’s Official Development Assistance (ODA)**

The ODA consists of the Funds for Development Cooperation extended by governments to developing countries or development efforts. A significant proportion of the ODA is aimed at promoting sustainable development particularly through human capacity building programs. In 2010, the State of Israel’s Official Development Assistance Program amounted over 144.85 million US dollars. This data includes funding for bilateral and multilateral development cooperation programs, funding transferred to the international financial institutions and humanitarian assistance. The State of Israel’s international development cooperation program, as implemented by MASHAV, is carried out with the aim of reducing poverty; contributing to the achievement of the Millennium Development Goals; and supporting sustainable growth. Although a small player in the international assistance arena, MASHAV is considered a significant contributor to sustainable development through human capacity development.
October a High-Level Expert Group Meeting on Using Green Agriculture to Stimulate Economic Growth and Eradicate Poverty. Some 70 delegates from 27 countries participated in this meeting, whose purpose was to raise awareness of the central role of green and sustainable agriculture in stimulating economic growth and combating poverty through the sharing of know-how, best practices and lessons learned.

The opening statement was delivered by Mr. Sha Zukang, UN Under-Secretary-General for Economic and Social Affairs, who stated, “Israel has proven to be a leader in agricultural technology for development, practicing innovation and implementing sustainable solutions for agricultural development, food security, and climate change adaptation and mitigation. They have informed and advised the Commission on Sustainable Development on matters related to integrated water management, drylands, and sustainable crop production. We have much to learn from the Israeli agricultural experience. I wish to commend the in-country experts here today for the dedication they have shown in organizing and contributing to this ambitious and interesting program. I would therefore like to take this opportunity to thank the Israeli Government for your continued leadership, commitment, and generosity. I look forward to our continued collaboration in the coming months as we prepare for Rio+20.”

The conclusions of the Expert Group Meeting were summarized in an outcome document written collectively by the participants, which will be presented as a contribution of the group to the Rio+20 preparatory processes.

**Agreements for Development Cooperation**

Development cooperation plays an indispensable role in supporting poverty eradication, social protection, economic growth and sustainable development. The need for greater coordination and cooperation between the many donors providing development assistance around the world, in an attempt to attain maximum efficiency and effectiveness, found its expression in the Paris Declaration on Aid Effectiveness and the Millennium Declaration 2000, and most recently in the Busan Partnership for Effective Development Cooperation, which established an agreed framework for development cooperation.

MASHAV adheres to the principles set by the international community. Towards this end, MASHAV has signed agreements in partnership with governments, the civil society, international organizations and Jewish organizations in order to work together to achieve maximum coordination and cooperation in the implementation of international development activities.

**The following are some of the agreements MASHAV signed with international partners in 2011:**

**Israel and Germany Cooperation Agreement**

Deputy Foreign Minister Danny Ayalon and German Federal Minister for Economic Cooperation and Development Dirk Niebel signed in January a joint Declaration of Intent aimed at increasing bilateral cooperation to assist developing nations. They discussed the continuation and enhancement of cooperation and assistance to developing countries, following the agreement signed last year, and decided on a new joint project in the fields of fisheries and water management in the Lake Victoria area, **Kenya**. MASHAV cooperates closely with its German counterpart: An irrigation and water management project is already under way in **Ethiopia**, as well as a citrus growing project in **Ghana**. Both parties reviewed progress on the implementation of the projects, and are currently examining the possibility of extending cooperation to Central Asia.
CENTRAL AFRICAN STATES-ISRAEL PARTNERSHIP
A Technical Cooperation Agreement was signed in January in Yaoundé, Cameroon, between CEMAC – The Economic and Monetary Union of Central African States, and the Government of Israel, to work in synergy in the production of pesticides with the goal of stepping up agricultural production in the sub-region. According to the terms of the agreement, Israel will share its wealth of knowledge in pesticides regulation with CPAC (the Inter-States Pesticides Committee for Central Africa) to boost agricultural production while preserving the environment and the health of local consumers, as well as in enhancing the competitiveness of local agricultural produce on the international market.

MASHAV- WFP
Israel’s Foreign Minister Avigdor Liberman and the United Nations World Food Program (WFP) Executive Director Josette Sheeran signed a Memorandum of Understanding (MOU) in January. The MOU states that MASHAV and WFP share a common commitment toward the fulfillment of the MDGs and share the burden of eradicating hunger worldwide, helping to foster stability and security. The two organizations wish to share their respective strengths and resources to support initiatives that advance their common goal to improve the lives of the world’s poor.

MASHAV-WHO
MASHAV and the World Health Organization (WHO) signed in April an MOU focusing on cooperation in the areas of public health (including in emergency situations), water and sanitation, maternal and child health, and in other issues identified and agreed upon on an as-needed basis.

MASHAV-UNAIDS
MASHAV and UNAIDS (The Joint United Nations Program on HIV/AIDS) entered in April a partnership framework for the years 2011-2015 to strengthen cooperation on capacity development and training activities with regards to HIV/AIDS in the fields of prevention of HIV in target populations, use of health education technologies and health promotion including mass communication and screening of risk behavior within the population.

MASHAV-MEDA CANADA
MASHAV and MEDA – the Mennonite Economic Development Associates of Canada, signed in July an MOU for agricultural cooperation in Ukraine. Within this framework, MASHAV will provide its expertise in high-value greenhouse horticulture production to the Ukraine Horticulture Development Project (UHDP), funded by the Canadian International Development Agency, and which MEDA is currently implementing in two areas of Ukraine.

ISRAEL AND FRANCE SIGN DECLARATION OF INTENT
France’s Ambassador to Israel, Christophe Bigot, and Head of MASHAV Ambassador Daniel Carmon signed in September on behalf of their countries a Declaration of Intent on a Partnership for Development Cooperation. The two countries declared their wish to establish a framework for collaborative efforts on programs and activities to commence by the end of 2011, enabling them to identify common interests and priorities. The objective of this cooperation is to enhance income generation, inclusive development and pro-poor growth. The first phase will include joint development activities in Cameroon, Senegal, Ghana, Burkina Faso and Haiti.

ISRAEL-CHINA DAIRY HUSBANDRY COOPERATION AGREEMENT
The governments of Israel and of China’s Heilongjiang Province signed in September a cooperation agreement in the field of Dairy Husbandry. The aim of the agreement is to join efforts to contribute to the achievement of national and institutional goals of agricultural development in the dairy cattle sector. MASHAV will be in charge of implementing professional programs and activities including training and consultancies in dairy husbandry, and transfer of dairy farming technologies and technical assistance.

MASHAV-UNDP-TURKMENISTAN
The UNDP Country Office in Turkmenistan and MASHAV signed in November a cooperation agreement regarding Turkmenistan’s development needs in the
areas of private sector development, environmental governance and climate change. Activities under this MOU will focus on provision of advisory support, capacity building of national partners, research cooperation and sharing best practices in these areas. The MOU is based on provisions of a Partnership Framework Agreement, which UNDP and the Government of Israel signed in 2008 to serve the purposes of sustainable development in the world.

**MASHAV and UNDP-Cameroon Cooperation with the Cameron Millennium Village Program (CMVP)**

In November, MASHAV and UNDP-Cameroon signed an MOU to implement the Millennium Village Program in two cluster sites in Cameroon: Meyomessi and Maroua. The project parties involved are the Government of Cameroon with the financial support of the Government of Japan, and in partnership with the UNDP; MASHAV; and the Earth Institute of the University of Columbia (USA). Within this framework, and based on the Partnership Framework Agreement, signed between the Government of Israel and UNDP in 2008, UNDP and MASHAV have engaged in the present partnership whose goal is to stimulate the achievement of MDG-1: The eradication of extreme poverty and hunger.

**International Ongoing Partnerships**

**MASHAV-FAO Cooperation in Ethiopia**

Two Israeli agricultural experts offered in February a capacity building workshop for Ethiopian farmers and dairy cooperatives in the Assella Arsi zone, Oromia Regional State, and in Addis Ababa, within the framework of the existing MOU between MASHAV and the FAO Sub-Regional Coordination Office for Eastern Africa (SFE). The workshop focused mainly on strengthening the local dairy cooperatives and unions, including the introduction of modern production technologies as well as farm management techniques and best practices for marketing produce. The goal of the workshop was to identify the best ways to increase the level of small-scale dairy production and maintain sustainable dairy farms, with special attention to sustainable milk production throughout the year.

**Upgrading Medical Resources in Ethiopia**

MASHAV recently partnered with the Medical School for International Health (MSIH) on an initiative to enrich medical education for students and residents at Black Lion Hospital in Addis Ababa. MSIH, a collaborative medical school with Ben-Gurion University of the Negev and Columbia University Medical Center, incorporates global health coursework, global health modules and specialized training. Its mission is to prepare physicians to address the cultural, political, environmental and economic factors that impact the health of individuals and populations.

**Indo-Israel Center of Excellence in Haryana**

Taking the agricultural cooperation between India and Israel a step farther, the Union Agriculture Minister Sharad Pawar, Chief Minister of Haryana Bhupinder Singh Hooda, and Israel’s Ambassador to India Mark Sofer inaugurated in January the first Center of Excellence of Vegetables at Gharunda, in Haryana. The Center of Excellence will showcase new agricultural technologies and crop management techniques.

From left to right: Minister Pawar, Ambassador Sofer and Chief Minister Hooda inspect a tomato plant at the new Center of Excellence

**Israel Reopens Embassy in Ghana**

Israel has officially reopened its embassy in Ghana. Israel’s ambassador in Accra, Sharon Bar-Li, presented her credentials to Ghana’s President John Evans Atta Mills. In her speech, Ambassador Bar-Li noted that this event marks the deepening of the historic relations between the two states. MASHAV has an extensive cooperation program in Ghana in a variety of fields including development projects in the areas of health, water and sanitation, early childhood education and agriculture.

**Trilateral Cooperation Israel-Germany-Kenya**

Following the joint Declaration of Intent signed between Israel and Germany, a professional delegation
from MASHAV comprised of two water and fisheries experts and headed by MASHAV’s Director of Policy Planning and External Relations, met in November with its German and Kenyan counterparts to examine a trilateral cooperation in the Lake Victoria area, including sustainable ways of protecting the lake’s environment by creating alternative livelihoods for the communities settled around the lake. The lake, one of the sources of the Nile, is a strategic resource, and as an important source of water and fish it provides an income and livelihood to local residents. Germany and Israel have decided to cooperate and to assist Kenya in its efforts to rehabilitate the regions adjacent to the lake, which has been severely contaminated.

**Seminars and Conventions**

In 2011, MASHAV participated in a wide number of international conventions and high-level meetings and forums, including in the OECD’s Development Cooperation Directorate (DCD-DAC) GENDERNET (Network on Gender Equality) and ENVIRONET (Network on Environment and Development Cooperation). MASHAV also participated and organized the following international meetings:

**I-TECH and MASHAV International Conference in Ethiopia**

The International Training and Education Center for Health (I-TECH) in Ethiopia marked in January the fifth year of the “I-TECH Advanced Training in AIDS Medicine Collaboration Ethiopia, USA and Israel,” by hosting an alumni conference in Addis Ababa. The professional program is a partnership between MASHAV, I-TECH and three Israeli universities, which comprise the Israeli Consortium on AIDS Medicine in Africa. The program provides the opportunity for health care professionals from Ethiopia to participate in specialized HIV training in Israel. Upon completing the program, they return home ready to make a difference in their communities by delivering HIV care and treatment and training other health care workers in advanced skills.

**International Agricultural Exhibitions**

Agritech Peru took place in Lima in May, continuing the tradition of uniting the international agriculture community showcasing the latest developments in agriculture and advanced agro-technologies. Over 4,000 visitors reviewed the latest developments in agriculture, and more than 500 professionals, technicians, entrepreneurs and students from Peru and other countries (including Colombia, Ecuador, Chile and Mexico) attended the Conference on “Agro-Technological Innovations for Sustainable Development,” jointly organized by the Embassy of Israel in Peru, MASHAV and CINADCO (The Center for International Cooperation for Agricultural Development) along with representatives of 12 leading Israeli companies.

Agritech Asia 2011 took place for the first time in Mumbai, India, in September. An Israeli delegation comprised of representatives from MASHAV, CINADCO and the Israeli Export Institute, together with representatives of 11 leading Israeli companies, held a conference on “Innovative Agro-technologies for Sustainable Agricultural Development” which included presentations of agricultural development projects, fruit production, post-harvest technologies, irrigation systems, regional water management, dairy production and greenhouse technologies.

**The 27th International Women Leaders Conference**

The International Conference on “Science, Technology and Innovation: Education and Training for Women and Girls” was officially opened in Haifa in May. This year’s conference marked the 50th anniversary of the Golda Meir Mount Carmel International Training Center (MCTC), and was organized in cooperation with UNESCO under the auspices of MASHAV. Participants
in the conference included the UN Deputy Secretary-General, Dr. Asha-Rose Migiro, and UNESCO’s Director General, Mrs. Irina Bokova, in addition to distinguished ministers, members of parliament and academics from 45 countries and international organizations.

The exchange of experiences after three intense days of discussion was unified in a new proposal named the “Declaration of Haifa.” This comprehensive document incorporates a call to governments, international organizations and other stakeholders to ensure that the crucial and central place of women and girls in education for science and technology is promoted, developed and expanded. Conference participants were given the responsibility of disseminating the Declaration widely and implementing its recommendations.

**INTERNATIONAL FORUM ON WOMEN AND SUSTAINABLE DEVELOPMENT, BEIJING**

The Director of MASHAV’s Golda Meir Mount Carmel International Training Center (MCTC) represented MASHAV, heading a professional panel at the International Forum on Women and Sustainable Development, which took place in November in Beijing. The three-day forum drew over 300 representatives from 45 countries and regions, UN agencies and international organizations.

### Professional Delegations

**CIICTA STUDY TOUR**

A professional delegation of 17 members from CIICTA – The Chinese-Israeli International Centre for Training in Agriculture, arrived in Israel in March for a specially designed study tour on “Modern Agricultural Technologies.” The Chinese-Israel Centre was established in 1993 at Beijing University for Agricultural Engineering (today the eastern campus of the Agricultural University of China), and is one of the joint projects in agriculture between China and Israel. CIICTA is comprised of three sections: Training, Research and Development, and Extension Service.

**PERUVIAN FARMERS AT CINADCO**

Following an official request made to the Israeli Embassy in Lima, a delegation of 27 farmers from Cajamarca Province, Peru, arrived in Israel in June to participate in a specially designed study tour on “Sustainable Development of the Rural Community” organized by CINADCO’s Spanish Department. During their 10-day visit the Peruvian farmers met with their Israeli counterparts, and discussed organizational and planning aspects at the regional and community levels, water management issues, crop and milk production, applied technologies and entrepreneurship. Topics regarding education for sustainable development were included in cooperation with the Ofri International Training Center.

**LAKE VICTORIA MAYORS DELEGATION**

A delegation of mayors and high officials from LVRLAC (Lake Victoria Region Local Authorities Cooperation) arrived in Israel in December for a professional visit on “Municipal Mechanisms for Strategic Development”. Lake Victoria is Africa’s largest lake and the world’s largest tropical lake and supports about 30 million people, through large-scale fishing, agriculture, local industries, tourism and related activities. The trans-boundary nature of the lake, which serves five countries and dozens of localities, poses a significant challenge in achieving sustainable management of the lake. The main challenges faced by decision makers around the lake include, rapid urbanization and high population density; high rate of poverty and poor conditions of sanitation and water provision; as well as other elements of environmental degradation and pollution, which severely affects fish stocks and other elements of agricultural production.

### Regional Cooperation

MASHAV implements regional, bilateral, and multilateral development cooperation programs with Israel’s neighbor countries in partnerships with government ministries, the civil society, academia and the private sector in order to address development issues. Working together to meet common challenges contributes significantly to fostering personal and professional ties, as well as promoting better understanding between neighboring countries.

**REGIONAL AGRICULTURAL PROGRAM**

The Regional Agricultural Program, in which Egypt, Jordan, Israel and the Palestinian Authority participate, with Denmark as the initiator and main supporter, has ended its second phase. The program is comprised of six main subjects of agricultural development and is governed by a semi-annual steering committee with representatives of all...
partners. This unique program is being carried out under the sponsorship of the Danish International Development Agency (DANIDA), and encompasses a number of topics in the field of agriculture: small ruminants, dryland agriculture, saline and marginal water resources, post-harvest technology and marketing, and aquaculture. The program was established in 2000 and includes on-site and regional training programs, meetings between experts, joint applied research, publication of guidelines and participation in international conferences.

During 2011, activities included a Workshop on Poultry, held in Israel for 17 veterinarians and professionals from the Palestinian Ministry of Agriculture; a Conference on Post Harvest held in Jordan; and a meeting of the Program’s Steering Committee, which took place in Cairo. A third phase for the years 2012-2014 was approved by the Danish Government.

**ISRAEL-JORDAN-JAPAN TRILATERAL COOPERATION**

Three professional courses were offered in Israel in 2011 for extension officers and researchers from Jordan within the framework of cooperation existing between MASHAV and JICA (Japan’s International Cooperation Agency).

**SEMINARS FOR PALESTINIAN AND ISRAELI WOMEN**

The series of seminars for Palestinian and Israeli women, “Women Building a New Reality”, which began as a direct outcome of the 2003 International Women Leaders’ Conference on Women’s Voice in Conflict Resolution and Peace Building, continued in 2011, with three further seminars, stressing mediation, education and leadership. A workshop was also held, for the second year, for Palestinian and Jordanian physiotherapists. A group of young Palestinian women attended the fourth tailor-made workshop on Management of Microenterprises and a professional workshop was held for Palestinian Women Educators.

**Humanitarian Assistance**

Israel is often called upon to dispatch aid in the wake of earthquakes, floods, famine and other natural disasters. MASHAV is the body responsible for coordinating Israel’s official humanitarian assistance program, using its vast experience in crisis response in order to rapidly organize and dispatch needed supplies, medicines and medical assistance to countries in crisis. In many cases, MASHAV cooperates with Jewish organizations and NGOs, creating partnerships to maximize effectiveness. In 2011 MASHAV cooperated, among others with

The American Jewish Joint Distribution Committee (JDC); Eye from Zion; the Kahan Foundation; and Jewish Healthcare International (JHI).

**Following are some of MASHAV’s humanitarian assistance missions which took place in 2011:**

**The Horn of Africa:** The drought afflicting the Horn of Africa region has left millions at the mercy of hunger, threatening the livelihoods of farmers and putting the lives of hundreds of thousands of children at risk. In response to this crisis, the Government and the people of Israel contributed in October to the World Food Program (WFP), supporting the delivery of food packages to Somali refugees in Kenya and Ethiopia.

One donated emergency food item was especially made for children: known as Corn Soya Chickpeas Blend (CSB Plus), it includes heat-treated maize, soya beans, chickpeas, vitamins, and minerals. Israel, through MASHAV, remains committed to providing immediate relief for African nations following major crises, such as the acute humanitarian situation now facing the Horn of Africa.

**El Salvador:** The heavy tropical rains that hit El Salvador in late October caused severe floods and landslides, and a state of emergency was declared. As the rains abated and the floodwaters receded, the damage to water and sanitation facilities was evident, and people returning to their communities face a serious shortage of clean water. In face of this humanitarian crisis, the Israeli Embassy in El Salvador, in cooperation with MASHAV and the Latin American Department at Israel’s Ministry of Foreign Affairs, donated 22 water purifiers (each for 45,000 liters), which were installed in education and community centers in the affected region of Bajo Lempa.

**Kenya:** A shipment of medical supplies was sent in September to Kenya to assist in treating casualties of the devastating fuel-line explosion in which more than 100 people died and hundreds were injured. As details of the disaster became known, Israeli Ambassador to Kenya Gil Haskel offered Israel’s assistance to the heads of Kenyatta National Hospital, where most of the injured were hospitalized. MASHAV rapidly organized and dispatched medical supplies including more than 360 kg. of medicines for treating burns, bandaging equipment, infusion sets, ointments and painkillers.

**Sri Lanka:** In coordination with the Sri Lankan Government, the State of Israel sent emergency aid to alleviate the hardship of the many thousands of Sri Lankans who were left without shelter following the devastating floods that recently hit the eastern part of the country. The aid, supplied through MASHAV, included half a ton of water purification tablets, designed to address emergency situations characterized by lack of drinking water. In addition, the emergency
supply included large amounts of multipurpose disinfecting agents for hospital and clinic use. These unique products are made by Concept, an Israeli company that specializes in disinfection and water purification solutions.

**Thailand:** The severe floods that hit Thailand in November affected large parts of the country and caused great damage. Following an official request, MASHAV, together with Israel's National Water Company – Mekorot, dispatched a professional task team focusing on draining the water flooding the capital, Bangkok. The Israeli experts carried out their mission in cooperation with the local authorities.

**Tonga:** MASHAV, in cooperation with Insulin for Life Australia and the Israeli Embassy in Canberra, organized the donation and shipment of quality medical supplies to Tonga for the treatment of diabetes. Among the medical equipment donated were glucose test kits, which were distributed among the local clinics.

**Japan:** Israel was one of the first countries to dispatch a medical delegation to Japan following the devastating tsunami that hit the country in March. The Israeli medical delegation established a medical clinic geared to handle the casualties and refugees concentrated in the Miyagi préfecture, six hours north of Tokyo. A preliminary medical delegation began its appraisal of requirements enabling the dispatch of the full-scale medical delegation. In coordination with the Japanese authorities and according to requirements of the Japanese National Disaster Center, the Israeli Ministries of Foreign Affairs and Defense dispatched a consignment consisting of 10,000 winter coats, 6,000 blankets, 6,000 pairs of gloves and 150 mobile toilets.

**Ethiopia:** A delegation comprised of delegates from the Israeli NGO Eye from Zion and Joint Israel, and under the auspices of MASHAV, returned in September from a two-week sight-restoring mission to northern Ethiopia. The team worked first in Gondar Hospital, where the Israeli doctors performed surgical procedures accompanied by professional training of the local personnel. A few days later, they continued north to the village of Debark, where many people suffer from blindness caused by cataracts. More than 160 surgical procedures were performed by the Israeli doctors utilizing a state-of-the-art and revolutionary operating room especially designed by Eye from Zion.

**Nepal:** In April a medical mission jointly organized by MASHAV, Eye from Zion and The American Jewish Joint Distribution Committee (JDC) arrived in Nepal. During their stay the Israeli doctors set up an eye camp to conduct cataracts and oculoplastic surgery, and offered a professional training session for local hospital directors and ophthalmology medical students during which they introduced a specially designed mobile operating room.

**Haiti:** The devastating earthquake that hit Haiti in 2010 severely damaged the country’s medical infrastructures, denying basic medical care to the population. From the moment the news of the tragedy broke, the State of Israel resolved to assist Haiti in whatever way it could. When international efforts moved from the phase of rescue to recovery, MASHAV, in accordance with the Haitian authorities’ rehabilitation plan, designed a special project for the establishment of a new trauma unit in the city of Cap-Haïtien in the grounds of St. Justinien Hospital. An Israeli team comprising 12 experts, together with local workers, started working on the premises on March. All the equipment necessary to prepare the grounds (300 square meters) as well as the medical equipment needed to operate the Trauma Center was sent by sea from Israel. The groundbreaking ceremony for the new trauma unit took place two weeks later. The new Trauma Center includes an emergency room for routine treatment and a section for treatment of severe cases to be used during emergency situations, including state-of-the-art medical equipment (monitors, computers, artificial respiration instruments, defibrillators and more). Upon the completion of the structure, a team of four Israeli experts arrived in Cap-Haïtien on a two-week mission, to train over 40 local medical staff: doctors, nurses and technicians. The medical facility will be fully operated in the future solely by the local staff.

**Uzbekistan:** Three Israeli medical experts arrived in Uzbekistan at the beginning of October to perform eyesight restoring missions and consultations. Two ophthalmologists and a technician arrived first in Tashkent and continued to Urganch. As part of their mission the Israeli doctors demonstrated the use of the latest technologies in the field. Uzbekistan’s counselor to the Minister of Health accompanied the Israeli delegation.
Participants in Israel: 2,638

In 107 Courses and Individual Training from 109 countries

According to Region

- Africa (33 countries) 609
- Asia and Oceania (17 countries) 549
- Central Europe & Eurasia (22 countries) 448
- Latin America & the Caribbean (23 countries) 702
- Mediterranean Basin (1 country) 5
- Middle East & North Africa (2 countries) 294
- North America and the E.U. (11 countries) 31

According to Subject

- Agriculture 952
- Communication 74
- Community Development 316
- Education 563
- Gender Issues 148
- Medicine and Public Health 115
- Regional Planning 117
- Rural and Urban Development 122
- Science and Technology 47
- Small and Medium Enterprises 184
Participations in Courses Abroad ("On-The-Spot"): 2,913

In 72 courses in 31 countries

According to Region

- **Africa** (7 countries) 481
- **Asia & Oceania** (6 countries) 1,089
- **Central Europe & Eurasia** (4 countries) 516
- **Latin America & the Caribbean** (13 countries) 800
- **Middle East & North Africa** (1 country) 27

According to Subject

- **Agriculture** 1,615
- **Community Development** 127
- **Education** 323
- **Gender Issues** 134
- **Medicine and Public Health** 53
- **Regional Planning** 90
- **Rural and Urban Development** 70
- **Small and Medium Enterprises** 501
Short-Term Consultancies Abroad: 110

In 46 countries

According to Region

- Africa (12 countries) 34
- Asia & Oceania (13 countries) 32
- Central Europe & Eurasia (10 countries) 23
- Latin America & the Caribbean (7 countries) 13
- Middle East and North Africa (2 countries) 3
- North America and the E.U. (2 countries) 5

According to Subject

- Agriculture 60
- Communication 1
- Community Development 5
- Education 4
- Gender Issues 2
- Management 1
- Medicine and Public Health 29
- Regional Planning 2
- Rural and Urban Development 3
- Science and Technology 2
- Small and Medium Enterprises 1
**Long-Term Consultancies Abroad: 8**

In 6 countries

According to Region

- Africa (3 countries): 4
- Asia & Oceania (2 countries): 3
- Central Europe & Eurasia (1 country): 1

According to Subject

- Agriculture: 8

**Professional Delegations in Israel: 13**

According to Subject

- Agriculture: 7
- Education: 1
- Medicine and Public Health: 4
- Regional Planning: 1
Courses in Israel: 107

According to Language

According to Subject
Courses Abroad: 72

According to Subject

According to Region
MASHAV around the World
MASHAV activities in Partners countries in 2011
Angola
PARTICIPANTS IN ISRAEL
Education 3
Community Development 1
Small and Medium Enterprises 1

Benin
PARTICIPANTS IN ISRAEL
Community Development 4

Burkina Faso
PARTICIPANTS IN ISRAEL
Agriculture 3
Community Development 2

Burundi
PARTICIPANTS IN ISRAEL
Agriculture 4
Small and Medium Enterprises 1
SHORT-TERM CONSULTANCIES
Agriculture 1

Cameroon
PARTICIPANTS IN ISRAEL
Agriculture 20
Education 7
Community Development 10
Rural and Urban Development 3
Gender Issues 2
Science and Technology 3
Small and Medium Enterprises 1
Communication 1
ON-THE-SPOT COURSES
Agriculture 2
TOTAL NUMBER OF PARTICIPANTS 61
SHORT-TERM CONSULTANCIES 1
Agriculture 1

Central African Republic
PARTICIPANTS IN ISRAEL
Agriculture 3

Chad
PARTICIPANTS IN ISRAEL
Agriculture 9

Cote d’Ivoire
PARTICIPANTS IN ISRAEL
Agriculture 2
Small and Medium Enterprises 1
Communication 1
SHORT-TERM CONSULTANCIES 1
Agriculture 1

framework, and based on the Partnership Framework Agreement, signed between the Government of Israel and UNDP in 2008, UNDP and MASHAV have engaged in the present partnership which goal is to stimulate the achievement of MDG-1: The reduction of extreme poverty and hunger.

Cape Verde
PARTICIPANTS IN ISRAEL
Agriculture 1

Cape Verde - Central African States-Israel Partnership
A Technical Cooperation Agreement was signed in January 2011 in Yaounde, Cameroon, between CEMAC – The Economic and Monetary Union of Central African States, and the government of Israel, to work in synergy in the production of pesticides with the goal of stepping up agricultural production in the Sub-region. According to the terms of the agreement, Israel will share its wealth of knowledge in pesticides regulation with CPAC (The Inter-States Pesticides Committee for Central Africa) to boost agricultural production while preserving the environment and the health of local consumers, as well as in enhancing the competitiveness of local agricultural produce on the international market.

MASHAV and UNDP-Cameroon Cooperation with the Cameroon Millennium Village Program (CMVP)
In November 2011, MASHAV and UNDP-Cameroon signed an MOU to implement the Millennium Village Program in two cluster sites in Cameroon: Meyomessi and Maroua. The project parties involved are the Government of Cameroon with the financial support of the Government of Japan, and in partnership with UNDP, MASHAV, and the Earth Institute of the University of Columbia (USA). Within this
Democratic Republic of Congo

PARTICIPANTS IN ISRAEL 5
Agriculture 4
Community Development 1

Equatorial Guinea

PARTICIPANTS IN ISRAEL 3
Agriculture 3

Ethiopia

PARTICIPANTS IN ISRAEL 91
Agriculture 73
Medical and Public Health 2
Education 5
Community Development 2
Rural and Urban Development 4
Gender Issues 2
Science and Technology 1
Small and Medium Enterprises 2

ON-THE-SPOT COURSES 6
Agriculture 5
Small and Medium Enterprises 1
TOTAL NUMBER OF PARTICIPANTS 175

SHORT-TERM CONSULTANCIES 19
Agriculture 12
Medical and Public Health 6
Education 1

LONG-TERM CONSULTANCIES 2
Agriculture 2

Headquarters Visit
Head of MASHAV, Ambassador Daniel Carmon arrived in Ethiopia in November 2011 from a headquarters visit. During his stay Ambassador Carmon received updated briefings regarding the progress of MASHAV’s projects with its copartners from Germany (GIZ) and the United States (USAID).

MASHAV-USAID-MoARD Cooperation
The joint program focuses on the development of horticultural plant propagation in Ethiopia through nursery cultivation and tissue culture propagation. This goal is achieved by introducing and supplying improved facilities, equipment and materials as well as intensive capacity building activities. The joint program demonstrates large-scale plant production with timely production planning and quality control inspections. The program’s nurseries produce high yielding and internationally marketable varieties of avocado, citrus and mango. Various rootstocks are introduced for adaptation to different soil and water conditions and for tolerance to soil-borne diseases. The program upgrades small tissue culture research laboratories into semi-commercial scale production of pineapple, banana, potato, enset, vanilla, cassava, coffee, and more. Through collaboration with other international and national aid agencies the Joint Technical Program’s scope will increase to cover additional aspects of fruit tree and vegetable cultivation. This will enable empowerment of small holders through addressing horticultural production from A to Z in a coordinated and resources-saving manner thus overcoming the inconclusive character of a single aid program. The program’s Steering Committee met in Ethiopia in June and November 2011.

MASHAV-Millennium Village Initiative Cooperation in Mekelle
Following a request by Tigray Authorities, MASHAV, in cooperation with the Millennium Village Initiative Project, decided to establish an Agricultural Demonstration Training Center in Mekelle. The center will offer training and consultation services for farmers in the areas of development of agricultural practices and advance irrigation techniques. The two parties are also cooperating in the area of eradicating Neglected Tropical Diseases (NTDs).

Joint Program with Save the Children Norway
MASHAV and Save the Children Norway (SCNE) signed a cooperation agreement aimed at establishing a joint program to support child development activities and women empowerment in Ethiopia. The agreement is part of an on-going and growing collaboration with SCNE. According to the agreement, MASHAV will also assist in bringing Israeli experts both for on-the-spot training and short-term consultancies that will take place in Ethiopia as well as facilitate and coordinate the participation of Ethiopian trainees in international and specially created programs in Israel. The Cooperation Agreement between MASHAV and SCNE was extended until 2011.

MASHAV-Ethiopia-GTZ Germany Tripartite Agricultural Project
In June 2009, Ethiopia, Israel, and Germany launched a three-year tripartite agricultural development project, to enable Ethiopia to enhance small-scale irrigation development activities in different parts of the nation. Expected to benefit over 1,000 farmers, the project is being implemented in the regions of Amhara, Tigray, Oromia, and South Ethiopia Peoples’ States. The project complements the government’s efforts geared toward ensuring food security and self-sufficiency. The project’s steering committee met in Ethiopia in June 2011.

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Gabon

**PARTICIPANTS IN ISRAEL** 4
Agriculture 3
Community Development 1

Gambia

**PARTICIPANTS IN ISRAEL** 5
Agriculture 1
Education 2
Rural and Urban Development 1
Small and Medium Enterprises 1

**ON-THE-SPOT COURSES** 1
Education 1
**TOTAL NUMBER OF PARTICIPANTS** 35

Ghana

**PARTICIPANTS IN ISRAEL** 45
Agriculture 3
Medicine and Public Health 1
Education 34
Community Development 3
Science and Technology 1
Small and Medium Enterprises 2
Communication 1

**ON-THE-SPOT COURSES** 1
Education 1
**TOTAL NUMBER OF PARTICIPANTS** 25

**SHORT-TERM CONSULTANCIES** 3
Medicine and Public Health 3

**Gabon**

**Objective**

The objective was to Reduce Neonatal and Maternal Mortality in Kumasi. Following a professional needs assessment, and Ghana’s Ministry of Health and Health Services own protocols and priorities, it was clear that there was an urgent need to establish additional neonatal special-care units in Kumasi. The Kumasi metro health directorate made a strategic decision to establish level II nurseries with Kangaroo Mother Care in all its 5 Submetro hospitals. This plan would reduce the number of sick newborns in the NICU of KATH by 50% and provide the conditions necessary for becoming a regional level III referral center.

**Early Childhood Education (ECD)**

Following this plan, two Mother and Baby Kangaroo Mother Care Units with all the necessary medical equipment for the care of high risk and moderately sick newborns and their mothers, have been established by MASHAV in Kumasi in partnership with the professional teams of the Department of Neonatology at Soroka University Medical Center and the American Global Alliance NGO. As part of the project, MASHAV also provides on-site training courses for the medical staff of the MBLs.

In November a physician sponsored by MASHAV and selected by Metro Health Authorities in Kumasi arrived in Israel to study for his M.A. degree at the International School of Public Health in Jerusalem. He will also receive training in newborn care in Soroka Hospital and upon his return will take charge of maternal and child public health services and all Mother and Baby Units in the city.

**Water and Sanitation**

Within the framework of the project, there was an urgent need to upgrade the water quality, ensure regular water supply, and expand Komfo Anokye Teaching Hospital (KATH) access to healthy sources of water. To tackle this challenge, MASHAV sent an Israeli expert from Mekorot – Israel’s National Water Company, who in cooperation with Ghana’s Water Authority implemented and monitored the project, including the upgrading of two existing wells and drilling two additional ones (65 meters deep) in a watercourse near the hospital. Water pumps were installed and the wells were connected to the hospital’s water system.

**Citrus Value Chain**

Ghana’s Shared Growth And Development Agenda (GSGDA), 2010-2013 underlines that Agriculture will remain decisive for economic growth and development, job creation and the reduction of poverty. The Ministry of Agriculture of Ghana (MAoFA), the Ministry of Foreign Affairs of the state of Israel through MASHAV, and the Federal Ministry of Economic Cooperation and Development of Germany (BMZ) established a trilateral cooperation focusing on the citrus value chain. In January 2011 Israel and Germany signed a joint Declaration of Intent aimed at increasing bilateral cooperation to assist developing nations.
Kenya

Trilateral Cooperation Israel-Germany-Kenya

Following the joint Declaration of Intent signed between Israel and Germany, a professional delegation from MASHAV comprised of two water and fisheries experts and headed by MASHAV’s Director of Policy Planning and External Relations, met in November 2011 with its German and Kenyan counterparts to examine a trilateral cooperation in the Lake Victoria area, including sustainable ways of protecting the lake’s environment by creating alternative livelihoods for the communities settled around the lake. The lake, one of the sources of the Nile, is a strategic resource, and as a large source of water and fish it provides an income and livelihood to local residents. Germany and Israel have decided to cooperate and to assist Kenya in its efforts to rehabilitate the regions adjacent to the lake, which has been severely contaminated.

Lake Victoria Mayors Delegation

A delegation of Mayors and High Officials from LVRLAC (Lake Victoria Region Local Authorities Cooperation) arrived in Israel in December 2011 for a professional visit on “Municipal Mechanisms for Strategic Development”. The trans-boundary nature of the lake, which serves five countries and dozens of localities, poses a significant challenge in achieving sustainable management of the lake.
Nigeria

Participants in Israel: 54
- Agriculture: 34
- Medicine and Public Health: 1
- Education: 2
- Community Development: 6
- Rural and Urban Development: 6
- Gender Issues: 2
- Small and Medium Enterprises: 3

Republic of South Sudan

Participants in Israel: 15
- Medicine and Public Health: 15

Rwanda

Participants in Israel: 19
- Agriculture: 6
- Education: 6
- Community Development: 2
- Rural and Urban Development: 4
- Small and Medium Enterprises: 1

Short-Term Consultancies: 2
- Agriculture: 2

Senegal

Participants in Israel: 16
- Agriculture: 9
- Community Development: 4
- Gender Issues: 1
- Science and Technology: 1
- Communication: 1

Short-Term Consultancies: 1
- Agriculture: 1

Long-Term Consultancies: 1
- Agriculture: 1

Seychelles

Participants in Israel: 1
- Community Development: 1

Sierra Leone

Participants in Israel: 10
- Agriculture: 2
- Medicine and Public Health: 5
- Community Development: 2
- Small and Medium Enterprises: 1

Short-Term Consultancies: 1
- Medicine and Public Health: 1

Sierra Leone

Medical Individual Professional Training Program
A medical team including 2 doctors, 2 nurses and a medical technician arrived in Israel for a month-long specialization in the field of nephrology at Meir Hospital in Kfar Saba.

Trilateral Cooperation
Israel-Senegal-Italy
Following the success of the model, the Senegalese Government decided to expand the TIPA project adopting it as a National Program to be implemented throughout the country. Within this framework, a trilateral partnership will be established between the governments of Israel, Italy and Senegal, to address the issue of food security and enhance income generation.
South Africa

Participations in Israel: 1
- Agriculture: 1

On-the-Spot Courses: 1
- Agriculture: 1

Total Number of Participants: 15

Short-Term Consultancies: 1
- Agriculture: 1

Long-Term Consultancies: 1
- Agriculture: 1

Techo-agricultural Innovation for Poverty Alleviation – TIPA

A project based on the concept of the African Market Garden (AMG), and focusing on poverty reduction and crop productivity was established in different regions in South Africa as a result of Israel’s participation in the World Summit on Sustainable Development (WSSD) in Johannesburg in August 2002. Both TIPA and the African Market Garden are specialized horticultural production systems for small landholders, making use of the Family Drip Irrigation System. The TIPA projects are run by the farmers themselves and during 2011 were accompanied by a MASHAV long-term expert.

Fish Farming

Two MASHAV experts arrived in December 2011 to the South African community of N’wamitwa to offer a 10-day on-the-spot course on Fish Farming. The course aimed to train the participants on breeding Tilapia - a fish characterized by its large size and rapid growth and for being an excellent source of protein. The two Israeli experts focused on building a sustainable integrated aquaculture and agricultural model to assist the community achieve food security and generate income.

Tanzania

Participations in Israel: 23
- Agriculture: 7
- Regional Planning: 1
- Community Development: 11
- Rural and Urban Development: 2
- Small and Medium Enterprises: 2

Short-Term Consultancies: 2
- Education: 1
- Regional Planning: 1

Zambia

Participations in Israel: 12
- Medicine and Public Health: 6
- Community Development: 3
- Rural and Urban Development: 1
- Small and Medium Enterprises: 2

Zimbabwe

Participations in Israel: 5
- Agriculture: 1
- Education: 2
- Small and Medium Enterprises: 1
- Communication: 1

Togo

Participations in Israel: 4
- Agriculture: 2
- Community Development: 1
- Science and Technology: 1

Uganda

Participations in Israel: 62
- Agriculture: 52
- Education: 3
- Community Development: 2
- Rural and Urban Development: 2
- Gender Issues: 1
- Small and Medium Enterprises: 1
- Communication: 1

On-the-Spot Courses: 1
- Community Development: 1

Total Number of Participants: 34

Short-Term Consultancies: 1
- Medicine and Public Health: 1
China

Israel-China Dairy Husbandry Cooperation Agreement

The governments of Israel and of China’s Heilongjiang Province signed in September 2011 a cooperation agreement in the field of Dairy Husbandry. The aim of the agreement is to join efforts to contribute to the achievement of national and institutional goals of agricultural development in the dairy cattle sector. MASHAV will implement professional programs and activities including training and consultancies in dairy husbandry, and transfer of dairy farming technologies and technical assistance.

Yongledian Dairy Cattle Demonstration Farm

The Sino-Israel Demonstration Dairy Farm at Yongeldian, near Beijing, continues to spread its positive influence throughout the dairy industry of the entire region. The farm design was made according to the Israeli experience and includes: calves hatches, heifers shed, milking-cows sheds, dry-cows sheds, calving pen, cows “hospital”- treatment shed, milking center and feed Center. All the activity in the farm such as milk production and quality, herd health and herd fertility is monitored on daily basis in the main computer, with most advanced herd management software which is developed and made in Israel. Applying the latest Israeli designs, technologies and expertise on its herd of 800 milking cows and 650 heifers, it raised milk production in 2011 to average of over 11,500 kg. per cow – the highest in China. The farm serves as a training center for thousands of dairy producers from China and from neighboring countries as well.

East Timor

Participants in Israel 1
Community Development 1

India

Participants in Israel 112
Agriculture 97
Medicine and Public Health 2
Education 2
Community Development 2
Rural and Urban Development 3
Gender Issues 4
Communication 2

Short-Term Consultancies 12
Agriculture 12

Long-Term Consultancies 1
Agriculture 1

India

Agricultural Cooperation

In March 2006 an Agricultural Cooperation Agreement was signed between the Israeli and Indian Ministers of Agriculture. Within this framework, a Plan of Action was formulated and is being implemented by MASHAV in India. The first phase of the cooperation program (2009-2011) is taking place in Haryana, Maharashtra, Rajasthan and Gujarat States, and focuses in the transfer of agricultural technologies including the establishment of demonstration centers in each one of the four States. In Haryana and Maharashtra the main focus is given to mangoes, pomegranates and citrus crops. In Rajasthan and Gujarat, agricultural practices focus in dates, olives and vegetables. MASHAV’s professional training takes place both in India and in Israel, including courses and consultation missions. A long-term MASHAV agricultural expert accompanies the program.
Indo-Israel Center of Excellence in Haryana
Taking the agricultural cooperation between India and Israel a step ahead, the Union Agriculture Minister Sharad Pawar, Chief Minister of Haryana Bhupinder Singh Hooda, and Israel’s Ambassador to India, Mark Sofer, inaugurated in January 2011 the first Center of Excellence of Vegetables at Gharaunda, in Haryana. The Center of Excellence will showcase new agricultural technologies and crop management techniques.

Maldives

Participants in Israel 2
Agriculture 1
Science and Technology 1

Short-term Consultancies 1
Agriculture 1

Mongolia

Participants in Israel 1
Agriculture 1

Myanmar

Participants in Israel 30
Agriculture 13
Medicine and Public Health 2
Education 2
Community Development 4
Rural and Urban Development 1
Gender Issues 4
Science and Technology 1
Communication 3

On-the-Spot Courses 1
Agriculture 1

Total Number of Participants 27

Nepal

Participants in Israel 56
Agriculture 33
Medicine and Public Health 2
Education 6
Community Development 2
Gender Issues 8
Science and Technology 1
Communication 4

On-the-Spot Courses 3
Agriculture 1
Medicine and Public Health 1
Education 1

Total Number of Participants 79

Short-term Consultancies 1
Medicine and Public Health 1

Nauru

Short-term Consultancies 1
Medicine and Public Health 1

New Zealand

Participants in Israel 1
Science and Technology 1

MASHAV-UNICEF-UNESCO-Save the Children Cooperation
A Memorandum of Cooperation (MoC) in the field of Early Childhood Education and Development (ECED) in Cooperation with the Government of Nepal was signed between the parties in December 2010 in Kathmandu. The MoC provides a framework for collaborative efforts on programs and activities in 2011 with special focus on ECED.
Philippines

Philippines-Israel Center for Agricultural Training
In May 2005, an Implementation Agreement was signed for the establishment of the Philippines-Israel Center for Agriculture Training (PICAT). The new training center became fully operational in June 2006. Its main goal is to achieve a more efficient delivery of extension and outreach for the benefit of surrounding farmers. It also provides extension services to farmers in growing high value and off-season crops and in livestock breeding and production. The project is jointly managed with the agricultural university in the area, and serves as a demonstration site for advanced agricultural practices, and the use of innovative Israeli agricultural technologies regarding irrigation and fertigation, among others. In 2011, a cooperation agreement was signed with the Office of the Agrarian reform to extend the project to 8 additional provinces in the Island of Luzon.

Samoan Islands

Participants in Israel
- Agriculture 1

Short-Term Consultancies
- Agriculture 2
- Rural and Urban Development 1
- Medicine and Public Health 1

Sri Lanka

Participants in Israel
- Agriculture 5
- Community Development 4
- Science and Technology 1
- Small and Medium Enterprises 14
- Communication 2

Thailand

Participants in Israel
- Agriculture 24
- Medicine and Public Health 1
- Education 24
- Community Development 4
- Rural and Urban Development 4
- Gender Issues 2
- Science and Technology 1

On-the-Spot Courses
- Agriculture 1

Total Number of Participants
- 60
Vietnam
Dairy Demonstration and Experimental Farm in Vietnam
A Memorandum of Understanding was signed between MASHAV and with Ho Chi Minh City’s People’s Committee on the establishment of a Dairy Demonstration and Experimental Project. The Dairy Demonstration Farm in Vietnam will be based on Israeli technologies and know-how and is located in the vicinity of Ho Chi Minh City, and will serve as a showcase to all dairy activities in Vietnam. All professional activities will be carried out under the guidance of Israeli experts, operating in accordance with Israeli working standards. This project initiative to develop Vietnam’s dairy sector will form a joint base for technical cooperation between the two countries and will further strengthen cooperative efforts.
Albania
PARTICIPANTS IN ISRAEL 4
Agriculture 1
Medicine and Public Health 1
Community Development 2

Belarus
PARTICIPANTS IN ISRAEL 30
Agriculture 6
Education 3
Community Development 8
Science and Technology 1
Small and Medium Enterprises 4
Communication 8
ON-THE-SPOT COURSES 1
Rural and Urban Development 1
TOTAL NUMBER OF PARTICIPANTS 70

Armenia
PARTICIPANTS IN ISRAEL 12
Agriculture 7
Community Development 3
Gender Issues 1
Small and Medium Enterprises 1

Bosnia Herzegovina
PARTICIPANTS IN ISRAEL 5
Agriculture 3
Community Development 1
Gender Issues 1

Azerbaijan
PARTICIPANTS IN ISRAEL 1
Agriculture 1

Bulgaria
PARTICIPANTS IN ISRAEL 2
Science and Technology 1
Small and Medium Enterprises 1

Croatia
PARTICIPANTS IN ISRAEL 1
Agriculture 1

Georgia
PARTICIPANTS IN ISRAEL 32
Agriculture 6
Medicine and Public Health 2
Education 6
Community Development 5
Rural and Urban Development 1
Gender Issues 3
Science and Technology 1
Small and Medium Enterprises 3
Communication 5
SHORT-TERM CONSULTANCIES 1
Agriculture 1

Kazakhstan
PARTICIPANTS IN ISRAEL 64
Agriculture 41
Education 3
Community Development 8
Gender Issues 3
Science and Technology 1
Small and Medium Enterprises 4
Communication 4
SHORT-TERM CONSULTANCIES 2
Agriculture 2
Kyrgyzstan

Agribusiness Consulting Center
MASHAV operates a Consulting Center in Bishkek, Kyrgyzstan. The center assists farmers interested in planning, financing and implementing improved systems and support former MASHAV demonstration farms in the region. Application of advanced technologies has resulted in diversification of crops and higher yields for local farmers. Agribusiness consultation services are given in close cooperation with the Ministry of Agriculture and other donors and organizations that provide agricultural credits to Kyrgyz farmers.

Lithuania

PARTICIPANTS IN ISRAEL 1
Science and Technology 1

Moldova

PARTICIPANTS IN ISRAEL 13
Agriculture 4
Education 3
Community Development 4
Small and Medium Enterprises 2

SHORT-TERM CONSULTANCIES 1
Agriculture 1

Montenegro

PARTICIPANTS IN ISRAEL 4
Agriculture 1
Education 1
Community Development 2

Romania

PARTICIPANTS IN ISRAEL 1
Science and Technology 1

SHORT-TERM CONSULTANCIES 2
Medicine and Public Health 1
Community Development 1

Russian Federation

PARTICIPANTS IN ISRAEL 139
Agriculture 19
Education 77
Community Development 20
Rural and Urban Development 1
Gender Issues 3
Small and Medium Enterprises 12
Communication 7

ON-THE-SPOT COURSES 1
Small and Medium Enterprises 1
TOTAL NUMBER OF PARTICIPANTS 27

SHORT-TERM CONSULTANCIES 4
Medicine and Public Health 1
Education 1
Community Development 1
Communication 1

Serbia

PARTICIPANTS IN ISRAEL 52
Agriculture 19
Medicine and Public Health 1
Education 2
Community Development 7
Rural and Urban Development 12
Gender Issues 9
Science and Technology 1
Communication 1
Slovakia

Participants in Israel: 1
Science and Technology: 1

Ukraine

Participants in Israel: 30
Agriculture: 9
Education: 4
Community Development: 7
Gender Issues: 3
Small and Medium Enterprises: 7

On-the-Spot Courses: 1
Medicine and Public Health: 1
Total Number of Participants: 25

Short-Term Consultancies: 4
Agriculture: 2
Medicine and Public Health: 2

Uzbekistan

MASHAV-UNDP Cooperation for Livestock Sector Upgrading
Livestock plays an important role in the agricultural sector of the economy of Uzbekistan. Following an in-depth analysis of the livestock sector at a national level, and within the framework of Uzbekistan’s National Project on Sustainable Development of the Livestock Sector, a Cooperation Agreement was signed between the UNDP and MASHAV to strengthen local capacity for sustainable livestock development in the country. The agreement includes transfer of Israeli know-how and new technologies, professional training programs, and the provision of high quality genetic materials and equipment for artificial insemination. The project is being implemented in 5 dairy farms in two areas west of Tashkent. This unique project is a model of successful partnership between Uzbekistan, Israel and the UNDP, to contribute to a sustainable development of the livestock sector in Uzbekistan, and the further enhancement of its people’s livelihood.

Uzbekistan

Participants in Israel: 25
Agriculture: 9
Education: 2
Community Development: 2
Rural and Urban Development: 2
Gender Issues: 1
Science and Technology: 1
Small and Medium Enterprises: 5
Communication: 3

Total Number of Participants: 394

Short-Term Consultancies: 5
Agriculture: 4
Medicine and Public Health: 1

Long-Term Consultancies: 1
Agriculture: 1

REGIONAL & COUNTRY REPORT
REGIONAL & COUNTRY SUMMARY
REGIONAL & COUNTRY REPORT
REGIONAL & COUNTRY CENTRAL EUROPE & EURASIA
Antigua and Barbuda

ON-THE-SPOT COURSES 1
Small and Medium Enterprises 1
TOTAL NUMBER OF PARTICIPANTS 31

Argentina

PARTICIPANTS IN ISRAEL 33
Agriculture 2
Education 12
Regional Planning 3
Community Development 5
Rural and Urban Development 5
Gender Issues 1
Science and Technology 1
Small and Medium Enterprises 3

ON-THE-SPOT COURSES 2
Community Development 2
TOTAL NUMBER OF PARTICIPANTS 93

Barbados

PARTICIPANTS IN ISRAEL 1
Agriculture 1

ON-THE-SPOT COURSES 1
Small and Medium Enterprises 1
TOTAL NUMBER OF PARTICIPANTS 29

Bolivia

PARTICIPANTS IN ISRAEL 2
Education 1
Rural and Urban Development 1

Brazil

PARTICIPANTS IN ISRAEL 30
Agriculture 3
Education 5
Regional Planning 4
Community Development 10
Rural and Urban Development 2
Gender Issues 1
Communication 5

Chile

PARTICIPANTS IN ISRAEL 32
Agriculture 3
Medicine and Public Health 1
Education 15
Regional Planning 3
Community Development 1
Rural and Urban Development 2
Small and Medium Enterprises 7

ON-THE-SPOT COURSES 2
Education 1
Small and Medium Enterprises 1
TOTAL NUMBER OF PARTICIPANTS 58

Colombia

PARTICIPANTS IN ISRAEL 92
Agriculture 12
Education 41
Regional Planning 11
Community Development 5
Rural and Urban Development 9
Gender Issues 2
Small and Medium Enterprises 11
Communication 1

ON-THE-SPOT COURSES 2
Small and Medium Enterprises 2
TOTAL NUMBER OF PARTICIPANTS 77

SHORT-TERM CONSULTANCIES 2
Agriculture 1
Community Development 1

Costa Rica

PARTICIPANTS IN ISRAEL 36
Agriculture 3
Education 11
Regional Planning 2
Community Development 6
Rural and Urban Development 7
Gender Issues 2
Science and Technology 1
Small and Medium Enterprises 4

Chile

MASHAV-AGCI Cooperation
Following a visit by the Director of AGCI, the Agency for International Cooperation of Chile (AGCI) and her team in 2010, collaboration in the field of Early Childhood Education began in Latin. Based on the evaluations, cooperation with AGCI continued during 2011.
### Dominican Republic
- **Participants in Israel**: 7
  - Education: 5
  - Community Development: 1
  - Rural and Urban Development: 1
- **On-the-Spot Courses**: 1
  - Agriculture: 1
- **Total Number of Participants**: 48

### El Salvador
- **Participants in Israel**: 28
  - Agriculture: 2
  - Education: 10
  - Regional Planning: 6
  - Community Development: 7
  - Rural and Urban Development: 1
  - Small and Medium Enterprises: 1
  - Education: 1
  - Gender Issues: 1
  - Small and Medium Enterprises: 1
- **On-the-Spot Courses**: 3
  - Agriculture: 1
  - Education: 1
  - Gender Issues: 1
  - Small and Medium Enterprises: 1
- **Total Number of Participants**: 78

### Ecuador
- **Participants in Israel**: 115
  - Agriculture: 8
  - Medicine and Public Health: 1
  - Education: 66
  - Regional Planning: 10
  - Community Development: 10
  - Rural and Urban Development: 9
  - Gender Issues: 2
  - Science and Technology: 1
  - Small and Medium Enterprises: 6
  - Communication: 2
- **On-the-Spot Courses**: 2
  - Small and Medium Enterprises: 2
- **Total Number of Participants**: 60

### Grenada
- **On-the-Spot Courses**: 1
- **Small and Medium Enterprises**: 1
- **Total Number of Participants**: 19

### Guatemala
- **Participants in Israel**: 85
  - Agriculture: 5
  - Education: 32
  - Regional Planning: 28
  - Community Development: 28
  - Rural and Urban Development: 6
  - Gender Issues: 1
  - Small and Medium Enterprises: 6
- **On-the-Spot Courses**: 3
  - Agriculture: 1
  - Education: 1
  - Gender Issues: 1
- **Total Number of Participants**: 98

### Haiti
- **Participants in Israel**: 3
  - Education: 1
  - Community Development: 2
  - Medicine and Public Health: 1
- **Short-Term Consultancies**: 5
  - Agriculture: 1

### Establishing a Trauma Unit in Haiti
MASHAV in accordance with the Haitian authorities’ rehabilitation plan designed a special project for the establishment of a new trauma unit in the city of Cap-Haïtien in the grounds of St. Justinien Hospital. An Israeli team comprising 12 experts, together with local workers, started working on the premises in March 2011. All the equipment necessary to prepare the grounds (300 square meters) as well as the medical equipment needed to operate the Trauma Center was sent by sea from Israel. The groundbreaking ceremony for the new trauma unit took place two weeks later. The new Trauma Center includes an emergency room for routine treatment and a section for treatment of severe cases to be used during emergency situations, including state-of-the-art medical equipment (monitors, computers, artificial respiration instruments, defibrillators, and more). Upon the completion of the structure, a team of four Israeli experts arrived in Cap-Haïtien on a two-week mission, to train over 40 local medical staff: doctors, nurses and technicians. The medical facility will be fully operated in the future solely by the local staff.
**Honduras**

**Participants in Israel** 46
- Agriculture 4
- Education 7
- Regional Planning 2
- Community Development 28
- Rural and Urban Development 2
- Science and Technology 1
- Small and Medium Enterprises 2

**Panama**

**Participants in Israel** 25
- Agriculture 1
- Education 12
- Regional Planning 1
- Community Development 8
- Rural and Urban Development 2
- Small and Medium Enterprises 1

**Jamaica**

**Participants in Israel** 3
- Agriculture 1
- Education 2

**Mexico**

**Participants in Israel** 50
- Agriculture 6
- Education 25
- Regional Planning 5
- Community Development 3
- Rural and Urban Development 2
- Science and Technology 1
- Small and Medium Enterprises 8

**Paraguay**

**Participants in Israel** 23
- Agriculture 1
- Education 12
- Regional Planning 4
- Community Development 2
- Rural and Urban Development 4

**Peru**

**Participants in Israel** 62
- Agriculture 5
- Education 30
- Regional Planning 9
- Community Development 6
- Rural and Urban Development 7
- Gender Issues 1
- Small and Medium Enterprises 3

**On-the-Spot Courses** 1
- Small and Medium Enterprises 1

**Total Number of Participants** 10

**Short-Term Consultancies** 1
- Agriculture 1
- Education 1

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**International Exhibition**

Agritech Peru took place in Lima in May 2011, continuing the tradition of uniting the international agriculture community showcasing the latest developments in agriculture and advanced agro-technologies. Over 4,000 visitors reviewed the latest developments in agriculture, and more than 500 professionals, technicians, entrepreneurs and students from Peru and other countries (including Colombia, Ecuador, Chile and Mexico) attended the Conference on “Agro-Technological Innovations for Sustainable Development,” jointly organized by the Embassy of Israel in Peru, MASHAV and CINADCO (The Center for International Cooperation for Agricultural Development) along with representatives of 12 leading Israeli companies.

**Farmers Delegation**

Following an official request made to the Israeli Embassy in Lima, a delegation of 27 farmers from Cajamarca Province, Peru, arrived in Israel in June 2011 to participate in a specially designed study tour on “Sustainable Development of the Rural Community” organized by CINADCO’s Spanish Department. During their 10 day visit the Peruvian farmers met with their Israeli counterparts, and discussed organizational and planning aspects at the regional and community levels, water management issues, crop and milk production, applied technologies and entrepreneurship. Topics regarding education for sustainable development were included in cooperation with the Ofri International Training Center. The program concluded with a final professional meeting where the participants presented ideas which could be implemented in their region in the near future.
Uruguay

Cooperation for the Establishment of a Cystic Fibrosis Treatment Center

Following a request of Uruguay’s Health Authorities a team comprised of three Israeli pediatric experts from Hadassah Hospital arrived in Montevideo in November 2011 on a one-week mission to assess local needs and establish guidelines for cooperation between Israel and Uruguay in the field of pediatric medicine, including the establishment of a Cystic Fibrosis Treatment Center.
Regional Agricultural Program

The Regional Agricultural Program, in which Egypt, Jordan, Israel, and the Palestinian Authority participate, with Denmark as the initiator and main supporter has ended its second phase. The program is comprised of six main subjects of agricultural development and is governed by a semi-annual steering committee with representatives of all partners. This unique program is being carried out under the sponsorship of the Danish International Development Agency (DANIDA), and encompasses a number of topics in the field of agriculture: small ruminants, dryland agriculture, saline and marginal water resources, post-harvest technology and marketing, and aquaculture. The program was established in 2000 and includes on-site and regional training programs, meetings between experts, joint applied research, publication of guidelines and participation in international conferences.

During 2011, activities included a Workshop on Poultry, held in Israel for 17 veterinaries and professionals from the Palestinian Ministry of Agriculture; a Conference on Post Harvest held in Jordan; and a meeting of the Program’s Steering Committee, which took place in Cairo. A third phase for the years 2012-2014 was approved by the Danish government.

Israel-Jordan-Japan Trilateral Cooperation

Three professional courses were offered in Israel in 2011 for extension officers and researchers from Jordan within the framework of cooperation existing between MASHAV and JICA (Japan’s International Cooperation Agency).

Palestinian Authority

Participants in Israel

<table>
<thead>
<tr>
<th>Category</th>
<th>Participants</th>
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<tbody>
<tr>
<td>Agriculture</td>
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<td>Medicine and Public Health</td>
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<td>Education</td>
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<tr>
<td>Regional Planning</td>
<td>25</td>
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<tr>
<td>Gender Issues</td>
<td>78</td>
</tr>
<tr>
<td>Small and Medium Enterprises</td>
<td>45</td>
</tr>
</tbody>
</table>

Cooperation with the Palestinian Authority


In 2011 a workshop for Palestinian and Jordanian physiotherapists was held for the second consecutive year. A group of young Palestinian women attended the fourth tailor-made workshop on Management of Microenterprises; and a professional workshop was designed and organized for Palestinian Women Educators.
A key component in today’s concept of international development cooperation - one which finds expression in the Paris Declaration on Aid Effectiveness, the Millennium Declaration 2000, and recently in the Busan Partnership for Effective Development Cooperation - is the need for greater coordination and cooperation between the many donors providing development and humanitarian assistance around the world, in an attempt to attain maximum efficiency and effectiveness. This process must be implemented in alignment with the development strategies of partner countries throughout the developing world.

MASHAV shares the goals set by the international community for greater synergy and coordination and the creation of partnerships among donor and partner countries. Towards this end, MASHAV conducts and participates in professional dialogues, meetings and conventions with the donor community. In 2011, activities included partners from the following countries:

**Canada**
- Participants in Israel: 1
- Agriculture: 1

**Austria**
- Participants in Israel: 1
- Community Development: 1

**Belgium**
- Participants in Israel: 1
- Agriculture: 1

**United States of America**
- Participants in Israel: 10
- Agriculture: 9
- Community Development: 1

**France**
- Participants in Israel: 10
- Science and Technology: 10
- Short-Term Consultancies: 1
- Community Development: 1

**Germany**
- Participants in Israel: 2
- Agriculture: 2
- Short-Term Consultancies: 1
- Regional Planning: 1
Italy
SHORT-TERM CONSULTANCIES 1
Agriculture 1

Spain
PARTICIPANTS IN ISRAEL 1
Science and Technology 1

Norway
PARTICIPANTS IN ISRAEL 1
Science and Technology 1

Switzerland
PARTICIPANTS IN ISRAEL 2
Agriculture 2
SHORT-TERM CONSULTANCIES 1
Gender Issues 1

Portugal
PARTICIPANTS IN ISRAEL 1
Agriculture 1
CINADCO – Center for International Agricultural Development Cooperation

The Center for International Agricultural Development Cooperation (CINADCO), of Israel’s Ministry of Agriculture and Rural Development, is MASHAV’s main professional and operational affiliate for international agricultural rural development cooperation. CINADCO Headquarters operate from the Ministry of Agriculture and Rural Development Center in Beit-Dagan, located near Tel Aviv. CINADCO’s activities focus on key issues and topics of the global Agenda to enhance agricultural development, improve food supply, employment and economic growth in developing countries.

The professional “hallmark” of CINADCO’s activities is based on Israel’s own agricultural and rural development experience, to develop the agro- and rural-sector under semi-arid and arid climatic conditions and management of limited natural production resources together with the integration of appropriate agro-technologies, water and irrigation, research and development (R&D) and agricultural extension, and delivering know-how to farmers and to the rural areas at large, to enhance overall national employment and economic growth.

CINADCO’s Main Professional Functions:

- Human resource development and capacity building.
- Transfer of know-how in different agricultural and resource base conditions.
- Professional and operational support for planning and implementation of agricultural programs and projects.
- Professional consultancy services for agri-business development projects.
- Long-and short-term consultancy missions of experts to support overseas programs and projects.
- Applied research and special programs in agriculture-related subjects.

CINADCO’s activities take place in Asia, Africa, Eastern Europe, CIS Republics, the Middle East, Latin America and Oceania. Activities are conducted in English, Spanish, French, Russian, Arabic and other local languages. The prime aim is to enhance development, economic growth and employment through human capacity building, transfer of expertise and technologies that have assisted Israel’s own path to agricultural development. CINADCO draws upon the development experience and professional skills of the pool of experts in the Israel Ministry of Agriculture and Rural Development, universities, institutes and the agro-sector of Israel at large.

A professional and operational network has likewise been developed with international institutions, organizations, and NGOs, through networking and development cooperation worldwide. CINADCO’s programs and implementation modalities are based on international agricultural training courses in Israel, overseas on-the-spot courses and workshops, joint agricultural research projects, development and operation of “demonstration via training” oriented agricultural/technological projects, professional consultancy advisory missions, and the publication of specialized professional learning publications and materials.

Training Activities in Israel

The overall agricultural training program in 2011 included 26 training activities (international courses and “tailor made” country specific courses). A total of 567 participants from 60 countries have attended CINADCO’s annual training program, which has also collaborated with international organizations such as the WHO, WMO, UNESCO, UNDP, USAID, FAO, GIZ, JICA, NCARE, ICWC, ADBL, CAIEP, CIICITA, and MEDRC. Professional and high-level official delegations were hosted at the Shefayim Training Center.

Study tour on Sustainable Development of the Rural Community for farmers from Peru
Agricultural training activities were held at both CINADCO training campuses. Thirty one training activities were held at Kibbutz Shefayim, seven of which were to support capacity building of professionals involved in the implementation of MASHAV projects: three training activities for Ethiopia have been a part of the MASHAV trilateral agreements (GIZ-MoARD and USAID-MoARD), one for the Philippines (PICAT), and three supported the project in India.

Seven training activities were held at the Ministry of Agriculture and Rural Development headquarters at Beit Dagan; four of them focused on Research and Development issues, and three on Jordan extension services, as part of the JICA-MASHAV cooperation agreement.

Participants in CINADCO courses attended WATEC - The 6th International Exhibition on Water Technologies, Renewable Energy & Environmental Control, held at the Tel-Aviv Exhibition Center, in November 2011.

**Overseas Training Program**

The Overseas Training Program, more commonly known as “On-the-Spot” or Mobile Courses, is an integral part of the overall human capacity program and of CINADCO activities at large. During 2011, a total of 32 mobile courses were conducted in 16 countries involving 1880 participants in Ethiopia, Cameroon, Kenya, Jordan, Dominican Republic, Philippines, El Salvador, Uzbekistan, South Africa, Uganda, Uruguay, Vietnam, Myanmar, Thailand, Nepal, and China.

Training activities are usually based on a team of two Israeli agricultural experts carrying out the courses in collaboration with organizations both from the public and private sectors. Programs are also conducted in collaboration with international organizations and donor countries. The courses are tailor-made to meet specific local needs and requirements, thus assisting and addressing particular development issues and constraints. The Overseas Training Program is based on some 70 different professional subject-matter topics pertaining to agriculture and rural development. This is aimed at reaching and being relevant to a wide range of respective professionals, development managers, field operators, leading farmers, scientists, and decision makers in the agricultural and rural sector.

**Short-Term Consultancy Missions and Professional Study Tours**

During 2011, 49 short-term Consultancy Missions were conducted in 24 countries. The topics covered involved a wide range of agricultural and technology-related subjects such as: field crops; nurseries; vegetables; dairy husbandry; dairy small ruminants; aquaculture; horticulture and green house technologies; water resources development, irrigation and technology and other development related topics. The missions involve preparation of technical reports, recommendations and implementation programs, which provide the professional basis for future long-term joint cooperation projects.

Consultancy Missions were held in: Azerbaijan, Burkina Faso, Burundi, Cameroon, China, Côte d’Ivoire, Colombia, Ethiopia, Ghana, India, Kazakhstan, Kenya, Macedonia, Maldives, Moldova, Papua New Guinea, Philippines, Rwanda, Senegal, Solomon Islands, South Africa, Ukraine, Uzbekistan and Vietnam.

**Development and Demonstration Projects**

This area of activity involved the planning of development programs, project implementation work and the in-country management and technical support of actual development and professional management of demonstration cum training of agro-technology projects, operating as “Centers of Excellence” to enhance agricultural and rural development. These centers are professionally managed by on-site Israeli agricultural experts on long-term missions jointly with a professional counterpart acting on behalf of the in-country project management.

During 2011, eight such demonstration training projects continued to be operated, managed by Israeli experts on long-term missions. The experts were recruited and assigned to the projects following the completion of the planning process and the signing of an implementation agreement between the parties. A joint MASHAV/CINADCO committee selects the experts to manage the projects. Demonstration projects, including long-term assigned experts, are operated in the following countries:

**China:** Two demonstration and training projects. The first on Arid Crops Agriculture and the second, a national dairy development project, operated in the vicinity of Beijing.

**Ethiopia:** Two major demonstration projects are in operation presently. The first is jointly operated by the Ethiopia’s Ministry of Agriculture and Rural Development, USAID and MASHAV. The professional components of the program are: tissue culture, high quality fruit-tree planning materials, modern biotechnology practices; efficient water and irrigation technologies and management. The second project is a joint cooperation program with Germany’s GIZ, managed by a long-term Israeli agriculture expert. The program deals with soil and water resources management, better agriculture practices, training and extension.

**India:** A number of demonstration and training programs on horticulture (vegetables cultivation and
orchards) were conducted in Haryana, Maharashtra, Karnal, Tamil Nadu, Rajasthan, and Nagpur.

**Vietnam:** A Demonstration Dairy Farm will be operated in the vicinity of Ho Chi Ming City. The professional aspects and the management of the program will be carried out by an on-site Israeli agricultural expert assigned to the program on a long-term mission.

**Uzbekistan:** A Sustainable Livestock Sector Development and Know-How Joint Project between MASHAV-UNDP and the Uzbek Ministry of Agriculture managed by an Israeli agricultural livestock expert, has ended by the end of the year.

**Ukraine:** This new joint cooperation project with CIDA/MEDA focuses on the development of the horticulture sector in Crimea Region. It specializes on giving support to the smallholder farmers in their endeavor to improve quantity and quality of the local horticultural products.

**Macedonia:** This joint cooperation development project with the local Ministry of Agriculture, deals with nursery aspects such as seedling materials and their adaptation to the local conditions, principally in vegetables growth. The project focuses on greenhouse technologies, irrigation and Integrated Pest Management. Another project recently conducted in Macedonia was the Rural Tourism and Development Project, in the surroundings of the Ohrid Lake.

**Colombia:** In 2011 the planning of a Dairy Cattle project commenced. The project is in cooperation with the local government of the Atlantic Department in the northern part of the country and different stakeholders involved in dairy-production activities.

**Other Activities and Initiatives**

During 2011 a wide range of new agri-business activities were initiated and carried out. These activities reflect the changing approach and direction of project-linked planning and implementation of MASHAV’s technical cooperation program.

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**The Golda Meir Mount Carmel International Training Center (MCTC)**

The Golda Meir Mount Carmel International Training Center (MCTC) is one of the first training centers for adults working in the developing world. In 2011 we marked its Jubilee Year – 50 years since it was established in 1961 by MASHAV, in order to conduct training activities in the socio-economic arena, with an emphasis on gender equality. Over 18,000 people have since been trained at MCTC (two thirds of them women) and many thousands more have benefited from the On the Spot (OTS) training activities abroad conducted by MCTC specialist staff in more than 150 partner countries.

In 2011, MCTC held 30 activities (including an International Women Leaders’ Conference) at the Center, on different aspects of its specialized topics, geared to socio-economic development: Management of Microenterprises, Community Development, and Early Childhood Education, all of them including Gender Equality as a cross-cutting issue.

**International Cooperation**

In keeping with the policy of the last years, in 2011, almost every training activity was conducted in cooperation with an international partner. These partners included United Nations specialized agencies, UNESCO, UNECE, UNAIDS, UNHabitat and UNICEF; international organizations MCI, CIM/OAS, IOM, and the Young Americas Business Trust (YABT) of the Organization of American States (OAS). The Chilean Development Cooperation Agency, ACCI, also cooperated in two activities in early childhood education. Over 751 participants (601 women and 150 men) attended these programs in Israel (80% women). Twenty six On-The-Spot (OTS) workshops were conducted by MCTC experts, in Antigua & Barbuda, Barbados, Belarus, Chile (2), Colombia (2), Dominica, Ecuador (3), El Salvador (2), Ethiopia, Ghana, Grenada, Guatemala, Mexico, Nepal, Russia, Uruguay (2), Uzbekistan (2) and Vietnam (2). Thirteen of these activities were held in cooperation with the Young Americas Business Trust (YABT) of the Organization of American States (OAS).

In all, a total of 908 trainees attended MCTC’s OTS activities in 18 partner countries abroad. Thus, 1,659 professionals benefited directly from MCTC’s activities this year.

**Innovations**

- The first stage of a MASHAV project, Entrepreneurship for Youth, a Tool for Poverty Alleviation, in cooperation with the YABT, for participants from Africa at MCTC, was held this year.
- Also for the first time, a UNECE Special High Level Policy Seminar on Entrepreneurship and Enterprise Development took place at MCTC.
- An OTS Workshop was conducted in Krasnoyarsk, Russia, on “Creative Entrepreneurship – from Idea to Business.”
- The ongoing ECE project, within the framework of the Millennium Cities Initiative, in Kumasi, Ghana, was expanded this year when the Mayor
of Kumasi covered the airfare of 20 teacher trainers’ professionals who arrived in Israel to attend an international workshop on Innovative Methods for an Integrative Approach in Teacher Training.

- In Uruguay a Nex Links Best Practices Forum formed part of MCTC’s 10-year follow up visit to Uruguay and Chile, in cooperation with YABT.

In addition, Study Tours were conducted for delegations from:

- **Indonesia and Sri Lanka** – Community Center Development and Disaster Preparedness, in cooperation with TAG International Development
- **Kazakhstan** – Innovations in Technological Incubators, in cooperation with the Ministry of Industry and Trade, Kazakhstan
- **Thailand** – Study tour for a delegation from the Institute for the Promotion of Teaching Science and Technology, in cooperation with the IPST.

**International Conferences – at Home and Abroad**

MCTC represented Israel at several international conferences; among others at the UN Commission on the Status of Women; at the GENDERNET Forum of the OECD; at the ACWF International Forum on Women and Sustainable Development in Beijing; at the 64th Session of the UN Economic Commission for Europe, as well as at the UNECE High-Level Policy Seminar on Women’s Entrepreneurship Development in Central Asia.

The highlight of the year at MCTC, however, was the International Women Leaders’ Conference on Science, Technology and Innovation: Education and Training for Women and Girls, in cooperation with UNESCO, the 27th in MCTC’s series of biennial Women Leaders’ Conferences, also marking MCTC’s Jubilee Year – 1961 -2011. The topic was chosen to coordinate with the theme of the 2011 CSW Session. Sixty six high-level women leaders from 45 countries and international organizations attended the Conference; prominent among them Keynote Speaker Ms. Irina Bokova, UNESCO Director-General, and Dr. Asha-Rose Migiro, UN Deputy Secretary- General, the Guest of Honor. Participants included Ministers of State, Members of Parliament, heads of academic departments, and directors of NGOs and international agencies, all of whom took part in intensive discussions, culminating in the Haifa Declaration, a document which has been widely disseminated in UN circles and in the countries of the delegates. The Declaration calls for gender mainstreaming in education and affirmative action, ensuring a fairer representation of girls and women in science and technology. To mark the auspicious occasion of 50 years of MCTC, the Israel Postal Services issued commemorative stamp to coincide with the Conference celebrations. In addition to the distinguished delegates to the Conference, hundreds of important visitors from abroad and from within Israel, including members of the judiciary and diplomats, Senators and Ambassadors, visited the Center.

**Interaction with Palestinian Women and Youth**

The series of seminars for Palestinian and Israeli women, ‘Women building a New Reality’, which began as a direct outcome of the 2003 International Women Leaders’ Conference on Women’s Voice in Conflict Resolution and Peace Building continued, with 3 further seminars, stressing mediation, education and leadership. A workshop was also held, for the second year, for Palestinian and Jordanian physiotherapists,
a group of young Palestinian women attended the fourth tailor-made workshop on Management of Microenterprises and a professional workshop was held for Palestinian Women Educators.

**Social Networking**

In 2011, in its fifty-first year the Golda Meir Mount Carmel International Training Center joined the World Wide Web (www.mctc.co.il) and Facebook, facilitating easy access to information and interactive, ongoing communication with past-participants and a much wider public.

**The Aharon Ofri International Training Center**

The Aharon Ofri International Training Center was established in 1989 by Haigud Society for Transfer of Technology, as a professional affiliate of MASHAV. The Ofri Center works in cooperation with Israel’s Ministry of Education.

Since its establishment, the Ofri Center has trained thousands of participants from all over the world, introducing them to the wealth of knowledge and experience accumulated in Israel, and presented by top experts in the field of social development. The Ofri Center contributes to the sustainable development of human resources.

The main area of activities is in the field of education. As stated in the Dakar Framework for Action: “Education for All: Meeting our Collective Commitments”, and adopted by the World Education Forum in April 2000, “Education is a fundamental human right. It is the key to sustainable development and peace and stability within and among countries, and thus an indispensable means for effective participation in the societies and economies of the twenty-first century.”

The Ofri Center offers a holistic and inclusive approach to education-related issues, the belief being that education should be flexible and adapt itself to the individual, focuses on learning at all levels, from elementary and secondary school to adult education, and provides professional training for developing basic skills, civic awareness and education for special populations.

The Center’s international activities are designed for senior staff of formal and informal educational systems, government officials and senior staffs of NGOs – all of whom can serve as agents of change. The Center’s guiding principle is to address the specific needs of each country and organization requesting human resource development following a demand-driven approach. The Center maintains direct contact with the participants and their affiliated institutions both prior to and following the programs, whether in Israel or abroad.

The Ofri Center cooperates with senior staff at Israel’s Ministry of Education, academic experts and governmental and non-governmental organizations. In addition, it cooperates with key international organizations such as UNESCO, OECD, USAID, UNODC, IOM, the World Bank and the OAS.

Following a holistic and integrative approach, the Ofri Center combines the educational experience of Israel as a living laboratory. Programs are designed based on: 1) commitment and engagement; 2) implementing functions or tasks; 3) attracting resources and support; 4) adaptation and self-renewal; 5) balancing coherence and diversity.
Key Subject Areas include: Education at the Service of National Projects, Curriculum Development, Teacher Training, Training of Principals, Teachers and Educational Inspectors, Training Teachers towards Education for Developing Sustainability, Training Teachers in Indigenous Areas, Information and Communication Technologies (ICT) in Education, Education for Science and Technology, Special Education, Community Schools and Educational Initiatives, Adult Education, Education for gifted students and education for excellence, Programs for youth at risk and the reintegration into the educational system, and Young Leadership.

The Ofri Center conducts professional training and workshops introducing programs for raising public awareness and encouraging citizens’ involvement. The program proposes methods for encouraging citizens’ participation in civic life and raising awareness of governmental work processes. Topics and goals include raising citizens’ civil and democracy awareness in the community; e-government including citizens’ access to governmental processes; migration and immigration; prevention of drug abuse.

The Center’s 2011 program placed particular emphasis on the goals of MASHAV’s vision, designed to plan activities aimed at reaching the Millennium Development Goals by focusing on target countries, and adopting an interactive approach. The Center devoted its efforts to create appropriate contexts and learning in depth about the needs of partner organizations and countries.

During 2011, over 600 professional participated in 19 training activities, including 4 On-the-Spot courses in Gambia, Guatemala, Sierra Leone, Vietnam and 1 short-term consultancy in Kenya.

The Weitz Center for Development Studies

The Weitz Center for Development Studies is a non-profit NGO engaged in training, planning, consulting and research on regional and local development in Israel and in the developing world. The Center has long term cooperation with MASHAV, mainly in training activities.

The Weitz Center courses are interdisciplinary by nature, and participants are professionals in the fields of development, planning, agriculture, economy, sociology and more. More than 4,000 professionals from developing countries have taken part in the Weitz Center training programs, based in the internationally recognized “Rehovot Approach” of Integrated Regional Development, which aims at the eradication of poverty and the promotion of social-economic rural & urban development. The “Rehovot Approach” views the region as the basic unit for development and planning and has been applied in many less-developed areas of developing countries.

Additional areas of specialization include: Regional & local competitiveness, Local Economic Development and strategies for poverty reduction, Income Generating Activities in Rural Areas; Strategic Planning for Local Development; Sustainable Services Delivery Systems; Local Economic Development; Urban Rehabilitation Projects; Development Projects Formulation; Development of Sustainable Tourism; Entrepreneurship Promotion; Promoting Urban-Rural Sustainable Development, and Poverty Alleviation Strategies.

Latin American participants in the Course on Rural Development and Human Resources Management for Indigenous Communities
During 2011 the Weitz Center conducted a variety of activities in Israel and abroad:

**TRAINING IN ISRAEL**
Over 277 professionals from 54 countries participated in training and capacity building activities of the Weitz Center which included: 11 international courses and seminars.

The courses included subjects such as: Leveraging local assets for community-economic development; Rural development and human resources management for indigenous communities; Integrated approach for upgrading poor urban areas; Promoting local economic development through strategic planning; Tools for the promotion of local economic development; Municipal platforms for local strategic development; Local government and civil society’s role in sustainable local development; Integrated rural development (IRD) projects; Water, waste and energy management as a tool for local development in Lake Victoria basin; Intellectual Property Rights as leverage for local and regional development in transitional economies; Integrating biodiversity into local development; and Rural development.

Some of the courses were carried out in cooperation with UN-HABITAT and others with the Hesched Center, the Arava Institute and WIPO and the Faculty of Agriculture of the Hebrew University of Jerusalem. Nine Study Visits were organized for high ranking officials from India, Kenya Nigeria and Sierra Leone, focusing on rural and regional development and support systems. A delegation of Mayors and High Officials from LVRLAC – Lake Victoria Region Local Authorities Cooperation conducted a professional visit on “Municipal Mechanisms for Strategic Development.” In addition the Center conducted 4 Courses for South Sudanese refugees living in Israel.

**TRAINING ACTIVITIES ABROAD**

- **Kenya:** Presentation of an Israeli case study: “From Training to Learning Institutions”; Expert Group Meeting - Strengthening Training Institutions, organized by UN-HABITAT, HIS and Danida Fellowship.

- **Russia:** Presentation on “Universities’ Assets as Leverages for Urban Development in Central Cities and Peripheral Towns in Israel”; at the International Seminar on “Challenges in Urban Planning: an Innovative Role of the Universities”; Organized by Yaroslavl State University, PG Demidova, the Moscow office of the Kennan Institute.

- **Spain:** Participation at a Roundtable on “Learning Cities” organized by UN-HABITAT and the Spanish Secretary of State for Housing and Urban Policy.

- **Korea:** Participation in a training activity on “Sustainable Urban Regeneration”, at the International Urban Training Center, in partnership with UN-HABITAT and Bonn University, in Gangwon Province.

**SEMINAR IN MEMORIAM OF PROF. RAANAN WEITZ**
In December 2011 we conducted the yearly seminar on “Promoting Sustainable Development”. During the seminar, the award of the sixth Raanan Weitz Integrated Development Projects Competition was granted to participants from the Philippines, for their project on: “Using the Rehovot Approach to close the loop between sanitation, food security and biodiversity improvement as a means to alleviate extreme poverty: The WAND foundation experience”. The Project was selected from over 49 projects from 13 countries that participated in this year’s competition.

**The Hebrew University’s Robert H. Smith Faculty of Agriculture, Food and Environment**

As the earth’s ecosystem becomes more fragile and increasing numbers of people have to be fed, proper agricultural choices and decisions will mean the difference between sustenance and starvation across two-thirds of the globe. With a view to the world’s changing needs, the Hebrew University’s Robert H. Smith Faculty of Agriculture, Food & Environment has since 1942 continuously focused its research and educational activities on Israel’s sustainable development and serves as a source of agricultural knowledge and expertise on a global scale.

MASHAV professional programs represent an integral part of the Division for External Studies at the Faculty of Agriculture. These vital programs offer advanced capacity-building and leadership development opportunities for international agriculture-related professionals, scientists, researchers and decision-makers from developing countries. Many are part of the next generation of leaders, open-minded, seeking new ideas and methods.

Since 1988, more than 2000 participants from over 120 countries have participated in the Division’s international courses. Following the programs, visiting professionals return to their home countries with skills and knowledge which can be applied to improving crop production, farm animal production, biotechnology, resource management, food and nutritional issues, environmental preservation and many other important causes.
The Faculty of Agriculture has long been at the forefront of agricultural research. Its scientists have developed groundbreaking innovations such as drip irrigation, soil solarization, long shelf-life vegetables and efficient use of salt water, to name but a few. It is the only institute of higher education in Israel offering university degrees in agriculture – both in Hebrew and English – and is home to Schools of Nutritional Sciences and Veterinary Medicine.

The MASHAV international short-term courses are conducted in English, as are the academic programs leading to M.Sc. degrees in Nutrition, Plant Sciences and Animal Sciences and soon-to-be-offered B.Sc. degree programs in Plant and Animal Sciences for international students.

Seven MASHAV international courses took place in 2011, for which participants received MASHAV scholarships:

- Nutrition in a Changing Global Environment
- Models of Sustainable Development: Initiatives for Rural Communities (with the Weitz Center)
- Advanced Methods for Increasing Dairy Yield: Small and Large Ruminants
- Biotechnology in Agriculture in a World of Global Environmental Changes
- Agri-Green Management: Agri-Environmental Considerations under Climatic Changes
- Water Management - Environmental Aspects and Risk Assessment
- Crop Production under Saline Stress as a Result of Climatic Change.

In order to deepen the learning experience, courses include hands-on laboratory sessions, professional field trips and cultural tours of Israel, which are appreciated by all.

The Negev Institute for Strategies of Peace and Development – NISPED

The Negev Institute for Strategies of Peace and Development (NISPED) focuses on the role of civil society – the voluntary, people-centered, non-governmental groups and organizations – in furthering conflict resolution and sustainable human development and in working effectively with governments and international institutions to these ends.

NISPED specializes in assisting in the development of practical programs of local economic development. Special attention is paid to processes of capacity building which serve the needs of local community leaders in initiating and sustaining initiatives of community self-organization. NISPED assists in the analysis of local economic conditions, the identification of local business opportunities and the development of appropriate business models including cooperatives and other community-owned wealth building enterprises.
NISPED serves as a center for education, training and project development in societies undergoing fundamental processes of transformation. These processes include transition from conflict to conflict resolution; from poverty and dependence to selfhood and social advance; from dictatorship to democracy and economic freedom. NISPED conducts courses, seminars and workshops for leaders, activists and trainers drawn from relevant civil society and government bodies.

NISPED operates through its three divisions:
- **International Development (Israel Cooperative Development Agency)**
- **Middle East Department**
- **AJEEC – the Arab-Jewish Center for Equality, Empowerment and Cooperation.**

NISPED courses are conducted in partnership with MASHAV and with other bodies including the International Cooperative Alliance, the ILO, AFAN, SCC, He’atid – South Africa, the Economic Division of the Israeli Embassy in Nigeria, the Micro-Finance Service Center of Uganda, Palestinian NGOs and others.

In 2011 NISPED conducted the following courses with MASHAV:
- A course on “Opening Doors to Equal Opportunity: Cooperatives and Gender Equality” in cooperation with the International Cooperative Alliance Africa Region Office designed for participants from East Africa (Kenya, Tanzania, Rwanda and Uganda).
- A course on “Agribusiness and Innovation in Uganda” in cooperation with the Micro-Finance Service Center Ltd. Of Uganda for participants from Uganda.
- A course for Palestinians participants on “Economic Empowerment of Palestinian Women” in cooperation with the Government of Belgium and a Palestinian Women NGO.

### The Center for Cooperation and Advancement

The Center for Cooperation and Advancement (CCA) was established in 2003. The center’s activities are conducted in Russian, in partnership with MASHAV and in cooperation with governmental and non-governmental international organizations, including USAID, IOM, the Soros Foundation, the World Bank, UNDP, and others.

CCA focuses on societies undergoing significant processes of transformation:
- From centralized to free markets economies,
- From political dictatorship to democracy
- From poverty to social and economic advance.
- In addition, the CCA supports: Research for new technologies, the initiation and promotion of start-up projects and the transfer of technologies.
The professional programs are application oriented: Participants learn to combine theory and reality by developing creative thinking and finding both traditional and modern responses; Training courses and workshops aim to develop a process which may be described as “self-doing” by adapting the methods learned in Israel to the realities of the participant’s home country.

CCA’s activities focus in the following areas:

- Education- “Integration of disabled children in educational system” (An 11 year-old program jointly led by the Government of Moscow)
- “Police and Community”, public and community leaders for Local Security
- The role of NGOs as significant factors in providing social welfare and fundraising services and activities
- Leadership in Democratic Societies
- Transition to a Market Economy
- Innovation and Entrepreneurship
- The Role of Mass Media in Civil Society
- Media Strategies for Social Change
- Scientific Research in Israel and Development of technologies, and their transfer as a mean of fostering economic growth
- Technological Innovation and Entrepreneurship through enhancing the knowledge base of industry in Israel, stimulating high value-added R&D and encouraging R&D collaboration internationally.

In 2011, over 190 professionals from 8 countries participated in:

- Three International Courses in Israel
- Four tailor-made courses for Russian organizations.
- A Conference in Moscow during the Exhibition of the Ministry of Education.

The Israel Meteorological Training Center

The Regional Training Center (RTC) is a joint enterprise of MASHAV and the Israeli Meteorological Service. Recognized by the World Meteorological Organization (WMO) as a training center providing postgraduate training in applied meteorology, the RMTC has trained thousand of meteorologists, agronomists and hydrologists from developing countries. The center provides training both in Israel and abroad. In addition, it provides consultancies to meteorological services and undertakes research activities in applied meteorology and agrometeorology.

During 2011 a total of 32 professionals from around the world participated in RTC training activities, including: an Advanced International Workshop on Climate Change and Agriculture; and an international course on Rain Enhancement, held in Beijing and organized by RTC, Beijing, with the cooperation of RTC Bet-Dagan.

The International Institute – Histadrut

The International Institute was founded by the General Federation of Workers in Israel, the Histadrut, in 1958 and is a non-profit organization. Today the International Institute incorporates the Afro-Asian Institute (ILDEC), the Latin America, Spain and Portugal Institute (CECLAL), the Institute for Eastern and Central Europe, and the Middle East Division.

The International Institute, located on the Beit Berl Campus near Kfar Saba, promotes tolerance, social justice, development, peace and democracy. The Institute programs are geared to a wide spectrum of organizations, including trade unions, professional
associations, cooperatives, journalists, Police forces, women and youth organizations, rural development organizations, grass-root people’s organizations, urban community development centers and others.

During 2011 the International Institute conducted eight international courses in cooperation with MASHAV:

- Police and Community (3 courses – one especially designed for Honduras’ National Police)
- Municipal Projects for Citizen Security (2 courses)
- Seminar on Crisis Management Seminar “Acquaintance with the Israel Crisis Preparedness System”
- The Role of the Military in Strengthening the Civil Society
- Social Integration for Marginal Youth

This year we continued working with the sponsorship of OAS, the Organization of American States.

Rambam Health Care Campus – The Teaching Center for Trauma, Emergency and Mass Casualty Situations

The Teaching Center for Trauma, Emergency and Mass Casualty Situations is located at the Rambam Health Care Campus, the only Level One Trauma Center and tertiary care hospital in the north of Israel, serving a population of 1.5 million people. The philosophy of The Teaching Center is to share the knowledge accumulated at Rambam Health Care Campus and in Israel concerning the organization of a trauma system, mass casualty situations and resuscitation.

Since 1999, The Teaching Center has organized and successfully delivered in cooperation with MASHAV a yearly international course for physicians and nurses on “Developing and Organizing a Trauma System”. Some 387 participants from 58 countries have participated in these courses. At the end of the course, participants present a model for the establishment of a trauma system in their countries.

Over the years, participants from Costa Rica, Portugal, Thailand and India have succeeded in developing a trauma system in their countries. Due to their exposure to the Israeli system and their personal efforts, a change which improves the local trauma system was made and, as a result, the treatment of patients in these countries was also improved. Due to this fact, many international and also national courses were organized for participants – all from the same country.

In 2011 the Teaching Center successfully organized...
the eighth International Seminar on “Developing and Organizing a Trauma System and Mass Casualty Situation Organization.” Attending the seminar, were over 27 physicians, nurses and paramedics from 17 countries including: Albania, Chile, Ecuador, Ethiopia, Georgia, Ghana, India, Indonesia, The Center also consulted and assisted in developing trauma systems in several countries, and its lecturers have been invited to make presentations at international conferences.

The Arava Institute for Environmental Studies

The Arava Institute for Environmental Studies is the premier environmental teaching and research program in the Middle East. Located in the heart of Israel’s Arava desert, the Arava Institute is a unique oasis of environmental education, research, and international cooperation. Students and researchers at the Arava Institute explore a range of environmental issues from a regional, interdisciplinary perspective while learning peace-building and leadership skills. The Arava Institute gives Jewish, Arab and other students a unique opportunity to study and live together for an extended period of time; building networks and understanding that will enable future cooperative work and activism in the Middle East and beyond. Here, the idea that nature knows no political borders is more than a belief. It is a fact, a curriculum, and a way of life.

In 2011, the Arava Institute in cooperation with MASHAV and the Weitz Centre for Sustainable Development conducted a seminar on “Lake Victoria: Local and Trans-boundary Sustainable Development around the Lake.”

Individual Professional Training

MASHAV offers in cooperation with Israeli leading medical institutions individualized training to qualified and experienced physicians. The participants take an active part in the daily routine of the medical departments.

During 2011 MASHAV’s Individual Professional Training Program included:

- A medical team comprised of 5 professionals (2 doctors, 2 nurses and a medical technician) from Sierra Leone conducted a month-long specialization in the field of nephrology at Meir Hospital, Kfar Saba.
- A doctor and a nurse from Surinam at Assaf Harofeh Hospital for 3-week training in nephrology
MASHAV maintains contact with its former course participants through its network of more than 70 **Shalom Clubs** worldwide. These clubs serve as a forum for MASHAV alumni to participate in professional and social activities. Members are invited to attend local lectures by skilled experts, to exchange ideas and to organize technical cooperation and humanitarian assistance as well as holding cultural functions. Among the many activities that have been organized by Shalom Clubs in their home countries have been workshops on professional topics ranging from AIDS education to business management, organization of events to raise funds for local charities, mobilization of club members to donate their professional services for community development and humanitarian activities. Members of the Shalom Clubs play an integral role in determining the focus and scope of programming of their clubs.

Here follow some examples of Shalom Club activities in 2011:

### Philippines

One of the regular yearly projects of the Shalom Club in the Philippines is Ngayong Pasko Salo Tayo (This Christmas, Let’s Share Food). In December, the biggest Shalom Club chapter of Nueva Ecija conducted the activity in Munoz Calisitan village, one of the most socio-economically challenged areas in the city. Held at the community’s covered court, the activity was attended by around 200 young children, some of them accompanied by their parents. A brief Christmas program was held where children competed in games and showed their talents in reciting poems, singing and dancing.

True to the activity’s name, everyone present children, parents, village officials and Club members shared a lunch. Food and gifts were donated by the Shalom Club. With nearly 80 members, old and new, Nueva Ecija is the biggest and one of the most active chapters in the Philippines. As the pilot site of MASHAV’s project in the country, the Philippine-Israel Center for Agricultural Training (PICAT), more than 50 professionals from the province participated in MASHAV courses in Israel during 2008-2011. They comprise over 50 percent of the club’s members.

### Myanmar

The MASHAV Shalom Club in Myanmar was formed eight years ago, and has more than 200 members. The annual meeting of the Shalom Club took place at Myanmar-Info-Tech in Yangon in March, in collaboration with the Embassy of Israel. Ambassador of Israel to Myanmar, H.E. Yaron Mayer, gave the opening remarks, and was followed by a short film about Israel and MASHAV. During the evening, members of the Shalom Club shared their experiences from their stay in Israel and discussed further MASHAV-Shalom Club activities. A musical performance and refreshments concluded the event.

### Latin America and the Caribbean

The VIII Latin American and Caribbean Shalom Clubs Conference took place in November in Cartagena, Colombia, with the participation of over 200 Shalom Club members from the region. The gathering encouraged the exchange of ideas and proposals for influencing the development processes in Latin American countries. The festive event was jointly organized by the Colombia Shalom Club and the
Embassy of Israel. The Head of MASHAV, Ambassador Daniel Carmon, sent a message to the Conference participants, stating that “This meeting of graduates from MASHAV courses emphasizes the importance of working together and offers us a valuable platform to share new ideas and best practices which can serve as inspiration to join our efforts to face the great challenges of the 21st century, forming an individual and collective commitment.”

Paraguay

In June the Shalom Club Paraguay participated, for the 13th time, in the traditional Teleton Feast held at the Metropolitan Seminary of Asunción. Shalom

Club members, together with the cultural society Friends of Israel and the Paraguay Chapter of WIZO (The Women’s International Zionist Organization) contributed traditional Israeli dishes. The Teleton Foundation is a non-profit organization providing services and support to children with disabilities. It conducts a yearly fund-raising event in which over 200 amateur chefs prepare and sell original dishes. The Shalom Club members’ stand, festively decorated with the flags of Israel and Paraguay, included the presence of Israel’s Honorary Consul to Paraguay Max Haber, and other distinguished guests.
Deputy Director General,
Israel Ministry of Foreign Affairs
and Head of MASHAV
Israel’s Agency for International Development Cooperation

Haigud - Society for Transfer of Technology*

Evaluation Unit

Office of the Deputy Director General

Special Advisor on Medical Activities

Coordinator for Middle Eastern Activities

Haigud serves as the financial and administrative arm of MASHAV, and functions as a professional unit to assist in the implementation of MASHAV activities. Haigud acts as liaison with government agencies and voluntary organizations.

TRAINING AFFILIATES IN 2011

Weitz Center for Development Studies

Hebrew University’s Robert H. Smith Faculty of Agriculture, Food and Environment

The International Institute – Histadrut

Israel Meteorological Training Center-RMTC

Negev Institute for Strategies of Peace & Development-NISPED

The Center for Cooperation and Advancement

The Arava Institute for Environmental Studies

Meir Hospital, Kfar Saba

Assaf Harofeh Hospital