

MASHAV



ANNUAL REPORT 2012



ISRAEL'S AGENCY FOR INTERNATIONAL DEVELOPMENT COOPERATION

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MASHAV

FOREWORD

We at MASHAV – Israel's Agency for International Development Cooperation, believe that we can make a difference. Since our inception in 1958, we have been sharing Israel's development experience, approaches and knowhow with developing countries around the world, striving to continuously update our programs to ensure that results are obtained and the desired impact is felt by those who need assistance the most.

MASHAV promotes the areas of agriculture and rural development, medicine and public health, community development, education and gender issues, as part of what is presently known as the Millennium Development Goals.

In our experience, solutions to development challenges lie in the human resource, and therefore, this is one of the main reasons why we focus our many activities on human capacity building. Since the establishment of MASHAV, more than 270,000 professionals from over 130 countries around the world have participated in our professional programs.

We in Israel are very familiar with the challenges of development, as we ourselves made the transition from a developing country into a modern success story. This particular experience of nation building is the very unique ingredient that Israel, through MASHAV, brings to its work in the field of sustainable development.

Following important shifts which have occurred in the international development landscape over recent years, MASHAV has adopted a dual approach to development. On the one side we engage in active development policy dialogues and development diplomacy, thus contributing to and shaping discussions at a higher, multilateral level. At the same time, through our professional programs and operational activities, we maintain an active and effective presence at the field level.

We have consistently emphasized the importance of creating effective partnerships for development to share our know-how and first-hand experience with developing countries, and to deliver sustainable results. Following calls by the global community to create new, smarter and more inclusive partnerships, we have enhanced this commitment in the last few years, strengthening dialogue with various stakeholders and implementing cooperative projects with a wider range of partners. An important element of such partnerships is the triangular cooperation where each side contributes its strengths and unique experience and expertise.

The State of Israel, through MASHAV, is a proud member of the international community, and shares

its experience to inspire fellow nations in their struggle with development challenges. The latest reflection can be found in the Israeli-initiated United Nations General Assembly resolution affirming that entrepreneurship is a critical development tool. This was the first time that the UN adopted a resolution on the subject of entrepreneurship as a new and innovative means to meet the challenges of poverty and to create growth and jobs.

During 2012 I had the opportunity to visit several of MASHAV's projects in some development partner countries and witness their impact in the field. In Ghana, I was glad to see that the two neonatal intensive care units that we helped establish, train and equip are working at full capacity, and fulfilling their purpose of reducing neonatal mortality in the area. I also viewed our program of introducing of a new concept of early childhood education by creating rich and stimulating learning environments. Meeting with the kindergarten children was one of the highlights of my visit.

While in India, it was gratifying to realize that we can cooperate with the local authorities to improve the productivity and quality of agricultural produce; equally rewarding was the opportunity to share with our Colombian friends the concept of harnessing innovation and entrepreneurship as a tool for economic and social development. Small holder farmers are benefiting from MASHAV projects in Ethiopia, Kenya, Senegal and other countries in Sub-Saharan Africa, presenting a way out of poverty, and the hope of meeting basic human needs.

The fight against poverty and hunger requires the combined efforts of all stakeholders. Israel has taken an active part in the efforts of implementing the Millennium Development Goals (MDGs) and is joining the international community in rethinking the Post 2015 agenda and formulating the new Sustainable Development Goals (SDGs). Within this framework, I can assure you that we at MASHAV will continue to explore elements for future international development cooperation to make our most significant and effective contribution towards achieving the common, interdependent goals of poverty eradication and environmental sustainability.

Sincerely,

Ambassador Daniel Carmon
Head of MASHAV
Israel's Agency for International
Development Cooperation

GUIDING PRINCIPLES

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 over 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 creating international partnerships in subjects in which Israel has a comparative advantage with 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 in establishing Development Dialogues as a basis to cooperation with potential partners, as part of an ongoing Development Diplomacy.

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 the meeting point between what the State of Israel's has to offer in the field of international development, and the needs and requirements of its many friends throughout the developing world.”



Spotlight on 2012

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 2012 MASHAV's activities included a wide spectrum of international partnerships and programs for development. A total of 2,437 professionals from 103 countries participated in 117 activities offered in Israel, while 3,309 took part in 73 on-the-spot courses (in host countries) offered in a total of 33 countries. MASHAV experts were dispatched throughout the world on 98 short-term consultancies and humanitarian medical missions to 38 countries, and eight long-term experts served in MASHAV's demonstration projects around the world in six countries. 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 2012:

UN APPROVES ISRAELI-LED RESOLUTION ON ENTREPRENEURSHIP FOR DEVELOPMENT

The United Nations General Assembly approved in December an Israel-initiated resolution affirming that entrepreneurship is a critical development tool. This is the first time that the United Nations adopted a resolution on the subject of entrepreneurship as a new means to meet the challenges of poverty and to create growth and jobs. Israel initiated, anchored and presented the resolution on behalf of a group of almost 100 nations. The UN Second Committee followed by the General Assembly adopted the resolution entitled Entrepreneurship for Development stating that entrepreneurship is a primary pathway to sustainable economic growth for all.

Israel's Permanent Representative to the UN, Ambassador Ron Prosor, explained that the resolution was a shift in the UN's development strategy, from providing aid to empowering people in developing countries to help themselves through entrepreneurship. In his speech, Ambassador Prosor stated that "This resolution has the promise to create a better world.

It represents hope and progress for people in all corners of the planet, from the highest mountains of Nepal to the lowest valleys of Bolivia, from the sands of the Sahara to the Great Barrier Reef." He added "The spark of ingenuity exists in every society. All people have the opportunity to turn their dreams into reality; to turn their hopes into change. May this be the moment that the international community fully embraces entrepreneurship, so that people around the world can have a path to create a future they can all be proud of."

Agreements for Development Cooperation

Over 25 bilateral agreements were signed during 2012 between MASHAV and its partners in order to achieve maximum coordination and cooperation in the implementation of international development activities.

The following are some of the agreements signed by MASHAV and international partners in 2012:

MASHAV AND USAID SIGN COOPERATION AGREEMENT TO ENHANCE GLOBAL FOOD SECURITY

The Head of MASHAV, Ambassador Daniel Carmon, and Dr. Rajiv Shah, USAID Administrator, signed in April a Memorandum of Understanding in Washington to enhance bilateral cooperation on food security within the framework of the "Feed the Future" Initiative focusing initially on Ethiopia, Rwanda, Tanzania and Uganda.

At the signing ceremony, Dr. Shah said that the US recognizes Israel's achievements "in specific areas that are of increasing value to some of our top priorities,"



especially Israel's expertise in water conservation, dry-land management, and the "ability to turn arid lands into highly productive farms." Ambassador Carmon stated that "development plays a more and more important role in Israel's foreign policy. It's our obligation as an OECD member to assist with the development of other countries. MASHAV has been working for over 54 years in the developing world sharing Israel's unique technologies and expertise to overcome development challenges."

USAID and MASHAV are committed to combating poverty and hunger, by working with partner institutions in developing countries to increase food security. The two agencies plan to work together on improving agricultural production and productivity; reducing pre- and post-harvest losses; irrigation and water technology; and cross-cutting issues, including implementation of applied research and development results, gender issues, capacity building, nutrition, and climate change.

ISRAEL-UKRAINE COOPERATION

A cooperation agreement was signed between the Vinnitsa City Council in Ukraine and MASHAV aimed at improving the local medical and health-care services. Within the framework of the agreement, MASHAV has recently completed the establishment of a modern diagnostic center, which included renovating infrastructures and the installation of medical equipment including CT scanners and radiological and ultrasound facilities. During his official visit to Ukraine in July, Deputy Prime Minister and Minister of Foreign Affairs Avigdor Liberman inaugurated the newly established medical center. MASHAV will also provide professional training for the operation and maintenance of the new center.

ISRAEL AND THE UNIDO SIGN AID COOPERATION AGREEMENT

MASHAV and the United Nations Industrial Development Organization (UNIDO) signed in May a Memorandum of Understanding to increase cooperation on food security, water management, the empowerment of women and industrial development in Africa and in least developed countries. This is an additional step in creating international partnerships in the area of development, and a recognition and appreciation of Israel's abilities in and contribution to global development.

The signing ceremony took place in the presence of the Director General of the Israeli Ministry of Foreign Affairs, Mr. Rafael Barak. Signing the agreement



on behalf of the UN was the Director General of UNIDO, Dr. Kandeh Yumkella. The Head of MASHAV, Ambassador Daniel Carmon, signed on behalf of Israel. The cooperation between MASHAV and UNIDO builds on the two organizations' mutual and complementary capabilities and will focus on capacity building in such areas as agriculture-related technologies and biotechnology; support to small and medium industrial enterprises; women's empowerment; women's entrepreneurship development; rural entrepreneurship development; and environment and sustainability.

ISRAEL-KENYA-GERMANY TRILATERAL COOPERATION IN LAKE VICTORIA

With the goal of increasing the income of fish farmers' households, eradicating poverty in the region and improving the Lake Victoria ecosystem, Kenya, Germany and Israel joined hands in a trilateral cooperation to improve the farmed tilapia value chain in Kenya. The cooperating partners include Kenya's Ministry of Fisheries Development (MoFD), the Israeli Ministry of Foreign Affairs through MASHAV, and the German Federal Ministry for Economic Cooperation and Development through its implementing partner Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ).

The trilateral agreement states two main cooperation areas aiming at the improvement of the ecosystem of Lake Victoria, based on the needs of the region and the respective comparative advantages of the partners: the promotion of tilapia fish farming as a business with an emphasis on "pro-poor" action by supporting capacity-building activities for establishing tilapia aquaculture; and a contribution to the improvement of wastewater management around Lake Victoria. The official launching of the project and the signing of the trilateral agreement took place in Kisumu, Kenya, in August, attended, amongst others by the Prime Minister of Kenya, Germany's Federal Minister of Economic

Cooperation and Development, Israel's Deputy Foreign Minister, and their respective Ambassadors to Kenya. Following the ceremony a Tripartite Implementation Agreement was co-signed by Prof. Micheni J. Ntiba, Permanent Secretary, Kenya's Ministry of Fisheries Development; Mr. Hendrik Linneweber, Country Director GIZ Kenya; Dr. Andrea Bahm, Program Manager Promotion of Private Sector Development in Agriculture (GIZ); and Ambassador Daniel Carmon, Head of MASHAV.



Signing ceremony (from left to right): Danny Ayalon, Deputy Foreign Minister of Israel; Amason Kingi, Kenya's Minister for Fisheries Development; Dirk Niebel, Federal Minister of Economic Cooperation and Development of the Federal Republic of Germany; and H.E. Raila Amolo Odinga, Prime Minister of Kenya

TRILATERAL COOPERATION ISRAEL-SENEGAL-ITALY

A memorandum of Understanding was signed in October between the three parties establishing the guidelines for a trilateral cooperation program aimed at setting a common framework to assist Senegal in its efforts to promote and sustain a fair socio-economic development process. The agreement states that training activities will be based on Italian and Israeli



Signing the Trilateral Agreement (from left to right): Arturo Luzzi, Italy's Ambassador to Senegal; Benoît Sambou, Senegal's Minister of Agriculture; and Ambassador Mattanya Cohen, Director of MASHAV's Training Department

best practices and be designed around specific pro-poor oriented projects. The program will be implemented by a qualified staff in terms of both professional expertise and institutional qualifications.

MASHAV-CIICTA

The signing ceremony of a Memorandum of Understanding for the 4th phase of the Cooperative Project Chinese-Israeli International Center for Research and Training in Agriculture took place at China's Agriculture University, in December. Within this framework, Israel and China will continue their cooperation in academic exchanges and training, research and development, joint education programs, extension and business services. Since the establishment of CIICTA in 1993, Israel and China have been carrying out a multi-level and comprehensive cooperation in the areas of arid zone agriculture and bio-agriculture, including application of advanced agricultural technologies.



Israel's Ambassador to China Matan Vilnai and Dr. Qu Sixi sign the agreement

ISRAEL AND CANADA

Israel and Canada signed a Memorandum of Understanding on International Development Cooperation in December. The MOU was signed in Ottawa by Margaret Biggs, the president of the Canadian International Development Agency (CIDA), and Ambassador Daniel Carmon, Head of MASHAV. The MOU establishes the framework for an active dialogue for development, and follows an existing joint project between the two countries in the areas of agricultural, horticultural and water management which is currently taking place in the Ukraine and sets the stage for launching new joint projects, focusing on poverty reduction, an objective consistent with the principles of sustainable development, the promotion of democracy and the protection of human rights.

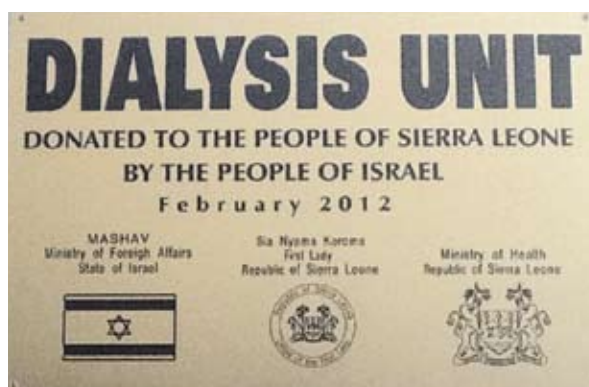
MASHAV-UNIVERSITY OF SOUTH PACIFIC

MASHAV and the University of the South Pacific (USP) signed in December a Memorandum of Understanding at USP's Laucala campus in Fiji. The agreement is designed to assist the development process in the region and foster a friendly relationship through technical cooperation, training and capacity building programs. The two parties will cooperate over the next three years in the areas of public health, women's empowerment and agribusiness development. The University of the South Pacific is the premier institution of higher learning for the Pacific region. It is jointly owned by the governments of 12 member countries: Cook Islands, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu and Samoa. The University has campuses in all member countries.

MASHAV-SIERRA LEONE MEDICAL COOPERATION

An MOU was signed between MASHAV and the Ministry of Health and Sanitation of Sierra Leone to improve local medical healthcare services, including the establishment of a first-of-its-kind dialysis unit. Following an analysis made by both the Israeli Embassy in Dakar and MASHAV's experts regarding the project's potential implementation, it was decided to establish the unit at Connot Governmental Hospital – the biggest and most important governmental hospital in the capital, Freetown.

The project includes the upgrading of the designated site and adjusting it to local needs, including training in Israel of a local medical team (doctors and nurses); purchase, delivery and installing the equipment by MASHAV's experts, training and professional support of the local team both in Israel and in Sierra Leone from the first operational steps to full professional autonomy. The unit includes four dialysis stands and aims to end the need of sending patients abroad for expensive and, in many cases, ineffective medical treatment.



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 and with fellow donor agencies to map out the strengths and challenges of the Millennium Development Goals. **Following is a review of several development dialogues.**

Israel-France: The first development dialogue took place in France in February, following the Cooperation Agreement signed between Israel and France in 2012. The parties including, among others, representatives from MASHAV and the AFD (Agence Française de Développement), presented during the dialogue their policies, approaches, methodology and tools for development. Main fields for future cooperation were discussed, including food security (agriculture and irrigation), health, and gender issues.

Israel-Germany: An Israeli delegation headed by the Head of MASHAV, Ambassador Daniel Carmon, met in February with officials from The German Federal Ministry for Economic Development Cooperation (BMZ); the Foreign Ministry; the German Chancellor's Office; and the Ministry of Agriculture; and with representatives from UNCCD (The United Nations Convention to Combat Desertification) and UNFCCC (The United Nations Framework Convention on Climate Change). Different aspects of cooperation between the parties were discussed during the meetings, with the aim of exploring elements for a future framework of international cooperation for development. Israel and Germany are currently cooperating in Ethiopia, Kenya and Ghana, and are discussing the possibility of expanding cooperation to additional countries.

Israel-Canada: A unique development dialogue took place in Israel in August between Grand Challenges Canada (GCC) and teams from several Israeli ministries. GCC's mission is to identify global grand challenges, fund a global community of researchers and related institutions on a competitive basis, and support the implementation/commercialization of the solutions that emerge. Israel is one of the most innovative countries in the world. Its areas of expertise, such as dryland agriculture, water resource management, biotech and medical devices, and renewable energy, are of vital importance to the developing world. Moreover, Israel is a world leader in innovation policy – that is, the use of government programs to support commercialization of innovation. For these reasons, within this framework of cooperation, Israel has the potential to become a principal source of technological solutions to developing world challenges.

Israel-Italy: The governments of Italy and Israel met in October, stating their strong committed to the global agenda for sustainable development, poverty eradication and the attainment of the Millennium Development Goals. The two countries have agreed to increase their engagement and coordination by extending their development dialogue through Cooperazione Italiana allo Sviluppo and MASHAV and by examining further development cooperation partnerships for the benefit of developing countries.

Israel-Slovakia: The Director of the Slovak Agency for International Development Cooperation (SAMRS) arrived in Israel in October for a series of meetings and consultations at MASHAV's headquarters. During the visit the two parties explored possible joint ventures for the benefit of developing countries.

Additional dialogues for development were held with: Thailand, Czech Republic and Hungary.

High Level Delegations

THE PRESIDENT OF TOGO

Deputy Prime Minister and Minister of Foreign Affairs Avigdor Liberman welcomed the President of Togo during his official visit to Israel in December. Minister Liberman mentioned the existing ongoing cooperation between the two countries through MASHAV, and expressed his willingness to share with Togo state of the art Israeli technologies. Later on Ambassador Carmon, Head of MASHAV accompanied the President for a visit to CINADCO's training campus in Shefayim.



THE VICE-PRESIDENT OF THE PHILIPPINES

A high level delegation headed by the Vice President of the Philippines Mr. Jejomar C. Binay visited MASHAV-CINADCO's training extension in October, where they witnessed state of the art agricultural technologies, in particular those utilized in drip irrigation, which can be applied in the Philippines. MASHAV and the Philippines have established a long-term cooperation. The Philippines-Israel Center for Agricultural Training (PICAT) was established in 2005. 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.

Development Cooperation

MASHAV-UNDP TURKMENISTAN

A group of 24 women entrepreneurs from Turkmenistan participated in August in a 17-day tailor-made Workshop on Development of Entrepreneurship for Women's Empowerment. This was the first professional training activity taking place within the framework of the Memorandum of Understanding signed in 2011 between MASHAV and UNDP Turkmenistan.



The women entrepreneurs (among them business consultants and UNDP officials) from different regions of the country represented both small and large businesses. The purpose of the program was to present the Israeli experience in building/expanding a small business effectively as a tool of economic empowerment and strengthening the status of women.

THE WORLD FOOD PROGRAM

The State of Israel strongly supports the World Food Program (WFP) effective contribution and actions towards eradicating hunger worldwide, as is reflected in the agreement signed between the two organizations. Israel joined the efforts of the international community to fight the present crisis once again with an Israeli donation in the amount of US\$ 200,000 made in April. Israel remains committed to working together in the future through MASHAV, Israel's Agency for International Development Cooperation and the Israeli representation to the WFP.

EARLY CHILDHOOD EDUCATION PROGRAM INTRODUCED IN ACCRA, GHANA

The Mayor of Accra, Hon. Alfred O. Vanderpuije, and Israeli Ambassador H.E. Sharon Bar-li welcomed in May the participants of MASHAV's first Early Childhood Education (ECE) course in Accra, the capital city of Ghana. This course marks the first stage of the implementation of the very successful ECE program s piloted in Kumasi three years ago by MASHAV and the Millennium Cities Initiative (MCI). The program focuses on using proven Israeli knowledge and experience in the field of ECE and training qualified teachers in Ghana focusing on the approach of "Learn through Play" approach.

Following the commencement of the ECE project in Accra, the First Lady of Ghana, Dr. Ernestina Naadu Mills, arrived in a presidential visit to review the ECE



The Mayor of Accra, Hon. Alfred O. Vanderpuije, and Israeli Ambassador H.E. Sharon Bar-li inaugurating the ECE project in Accra

project in Kumasi. The First Lady was accompanied by Ambassador Bar-li and MASHAV's experts Janette Hirschmann and Aviva Ben-Hefer. Together, they visited the kindergartens participating in the project, where the First Lady was introduced to the flexible class concept and experienced the "Learn through Play" approach.

ESTABLISHING A TRAUMA UNIT IN UGANDA

A first-of-its-kind state-of-the-art emergency and trauma unit was established at Mulago Hospital in Kampala, Uganda. The hospital, which serves as a referral center in the country, was built in 1962 by the Israeli construction company "Solel Boneh" and is the biggest and most important in the country. It serves as a professional referential center in all medical fields and is affiliated to the renowned Makerere University. The Unit was officially inaugurated in August by Israeli Deputy Foreign Minister Danny Ayalon, together with the Head of MASHAV, Ambassador Daniel Carmon, Israel's Ambassador to Uganda Gil Haskel, and Uganda's Health Minister Dr. Christine Ondo.

The decision to undertake the project originated following the successful cooperation between Israel and Uganda in the field of human capacity building in the areas of emergency and disaster preparedness. Recent terror attacks and natural disasters in Uganda emphasized the need to establish such a unit. The project included rebuilding a 250-square-meter site within the hospital grounds and converting it to serve as an emergency and trauma center including appropriate infrastructure and medical systems; as well as the provision of state-of-the-art equipment. An Israeli building team carried out the construction and installed the equipment, which was shipped from Israel. The first professional clinical and technical training team from Israel's Poriya Hospital comprised of one doctor and two nurses arrived in Kampala in July to accompany the local personnel during the unit's first operational steps.



Ambassador Carmon signs the Implementation Agreement in Uganda

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 is 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 endeavors and the long-standing close ties between the governments of Vietnam and Israel. The professional aspects and the management of the program are carried out by an on-site Israeli agricultural expert assigned to the program on a long-term mission.

ISRAEL-MACEDONIA JOINT AGRICULTURAL PROJECT

A joint agricultural project is taking place in Macedonia to enhance competitiveness of local vegetable growers. The joint agricultural project is intended to instill good agriculture practices in Macedonian farmers, through the creation of a high-quality production chain including the establishment of seedling and seed production demonstration units that will serve as capacity building units for good agricultural practices. This project will create the basis for future production of high quality vegetables intended for the export to EU markets. The joint project's overall goal is to enhance the competitiveness of local vegetable growers in both domestic and export markets, and of agricultural products through the promotion of quality and safety of on-farm produce and production processes, by instilling a "from seed to marketing stage" value chain. The project is accompanied by a MASHAV long-term agricultural expert.

challenges. The Israeli delegation to the Conference was led by the Minister of Environmental Protection, Gilad Erdan, who also served as the Conference's Vice-Chair, and included representatives from government ministries, the Knesset, local government, the business community, the civil society and academia. MASHAV was represented by Ambassador Daniel Carmon, Head of MASHAV. An Israeli pavilion was set up, showcasing the achievements of the State of Israel in a variety of areas, such as green technology, promoting sustainability, and Israel's International Development Cooperation Program.

During the Conference, MASHAV organized a side event on *Using Green Agriculture to Stimulate Economic Growth, Attain Food Security and Eradicate Poverty*; in partnership with the delegations of Canada, Germany, Kenya, Panama and the United States, focusing on the key points from the Experts Group Meeting organized by MASHAV in cooperation with the UN Department of Economic and Social Affairs (UN-DESA), which took place in Israel in October 2011.

AGRITECH ISRAEL 2012

The 18th International Agricultural Technology Exhibition, Agritech, one of the world's most important exhibitions in the field of agricultural technologies, was held in May, at the Israel Trade Fairs and Convention Center in Tel Aviv. The exhibition program included the Conference of the International Committee for Plastics in Agriculture (CIPA), held once every three years, with the participation of distinguished speakers.

Ambassador Daniel Carmon, Head of MASHAV, took part in CIPA's professional panel on *Implementing Advanced Agricultural Technologies in Developing Countries – Challenges, Practices and Vision*; and presented "Israel's Contribution to Global Food Security and Enhancement of Sustainable Agriculture." Also throughout the conference, the Head of MASHAV, together with its heads of Departments, conducted 15 bilateral meetings with visiting dignitaries from around the world on fostering development bilateral relations.

International Conferences

THE RIO+20 CONFERENCE ON SUSTAINABLE DEVELOPMENT COOPERATION

The Rio+20 Conference took place in Rio de Janeiro, Brazil, in June 2012. The objective of the Conference was to secure renewed political commitment for sustainable development, assess the progress to date and the remaining gaps in the implementation of the outcomes of the major summits on sustainable development, and address new and emerging



Participants in MASHAV's courses who were in Israel at the time attended the Conference.

During Agritech 2012, MASHAV hosted a High-Level Dialogue on Agricultural Innovations for Integrated Rural Development with the participation of Israel's Minister of Agriculture and Rural Development, Ms. Orit Noked, who opened the event; visiting Ministers from around the world; and other high-level officials. International cooperation and the sharing of best practices and solutions for integrated rural development are of utmost importance for developing countries, where the challenges of food security, poverty and hunger are most acute. The purpose of the event was to share innovative approaches and agricultural technologies developed and implemented by Israel.

MASHAV AND GCC INTERGOVERNMENTAL MEETING

MASHAV and GCC (Grand Challenges Canada) organized in Israel in August an inter-governmental meeting to discuss possible ways of cooperation. Grand Challenges Canada are initiatives that foster scientific and technological innovation, alongside social and business innovation, to solve key problems in the developing world. It is a new model for international development aid that aims at significantly transforming the lives of people in the developing world by facilitating development of breakthrough technologies. Israel is a world leader in innovation policy – that is, the use of government programs to support commercialization of innovation. For these reasons, GCC considers Israel as having the potential to become an important source of technological solutions to developing world challenges.

THE 4TH INTERNATIONAL CONFERENCE ON DRYLANDS, DESERTS AND DESERTIFICATION

The Conference took place at the Sede Boqer campus of Ben-Gurion University of the Negev, in November, along with The Ben-Gurion University of the Negev the Jacob Blaustein Institutes for Desert Research, UNESCO, the UNCCD and the Israeli Foreign Ministry. The Sede Boqer Conference has emerged as an important global gathering of scientists, field workers, industry, government, CSOs, international development aid agencies and other stakeholders from over 60 countries concerned about land degradation in the drylands, and their sustainable use and development. The Conference focused on the outcome of Rio+20 (UN Conference on Sustainable Development – UNCSD) and considered the science required for implementing the UNCSD recommendations relevant to drylands and desertification, and provided an opportunity for a diverse group of experts, policy makers and land managers to consider a range of

theoretical and practical issues associated with combating desertification and living sustainably in the drylands.

HIGH-LEVEL SYMPOSIUM ON EDUCATIONAL CHALLENGES IN SCIENCE, TECHNOLOGY AND ICT

The High-Level Symposium took place in November at the Ofri International Training Center, near Jerusalem, under the auspices of MASHAV and of the International Taskforce on Teachers for Education for All (EFA). The goal of the Symposium was to contribute to an exchange of ideas regarding the challenge of improving the educational systems of different countries, and served as a platform to explore and analyze new perspectives. It focused on the use of technology and educational performance, including the impact of digital media, attitudes, learning methodologies, and the implications these have on education and teacher preparation.

The Symposium also presented the Israeli experience in education innovation in applying a holistic approach focused on the implementation of far-reaching curriculum changes; the creation of relevant digital contents for use in education; supplying ongoing support and professional training; and the creation and maintenance of essential infrastructures. Key-note speaker was Nobel Prize laureate, Professor Dan Shechtman. Participants included Deputy Ministers of Education and Directors General of Education Ministries, as well as high-level experts in ICT for Education and teacher development.

INTERNATIONAL SEMINAR ON COMBATING HUMAN TRAFFICKING

An international workshop, entitled *Profiles of Trafficking: Patterns, Populations and Policies* took place at the Golda Meir Mount Carmel International Training Center in May, under the auspices of MASHAV and in cooperation with the Ministry of Justice and the US Embassy in Tel Aviv.

The OSCE (Organization for Security and Cooperation in Europe) Special Representative and Coordinator for Combating Trafficking in Human Beings, Maria Grazia Giammarinaro, spoke at the workshop underlining that victims of trafficking are subjected to multiple violations of human rights. Ms. Giammarinaro also met with the Israeli National Anti-Trafficking Coordinator, the Head of MASHAV, the Head of the Parliamentary Sub-Committee for Anti Trafficking in Women, as well as other senior public officials from the Ministries of Foreign Affairs, the Interior, and Social Affairs and Social Services.

THE DOHA CLIMATE CHANGE CONFERENCE

The 18th session of the Conference of the Parties to the United Nations Framework Convention on Climate Change (UNFCCC) took place in November in

Doha, Qatar. MASHAV's Director of Policy Planning & External Relations attended the conference. Climate change is a complex problem, which, although environmental in nature, has consequences for all spheres of existence on our planet. It impacts on, and is impacted by global issues, including poverty, economic development, population growth, sustainable development and resource management.

MASHAV was represented in a number of international forums dealing with development issues. Following is a review of some of the meetings:

■ **Working Party on Aid Effectiveness WP-EFF**

MASHAV was represented at and contributed to the Final Meeting of the Working Party on Aid Effectiveness in Paris in June. Over the course of the plenary meeting the WP-EFF successfully laid the foundation for the Global Partnership for Effective Development Cooperation. The Global Partnership is a new inclusive forum bringing together a wide range of countries and organizations from around the world that are committed to ensuring that effective development cooperation.

■ **DevCom Annual Meeting, Oslo**

MASHAV was represented at the Annual DevCom Meeting held in Oslo in November and was invited to share a presentation on the process of developing a communication strategy in MASHAV. The meeting provided a forum to share good practices and experiences from across the network and to address several issues facing development communicators. The needs and priorities for the Network in 2013-14 were also discussed.

■ **EVALNET, Paris**

MASHAV was represented at the DAC network on Development Evaluation-EVALNET, which took place in Paris in November. Taking part at the professional meeting were over 50 representatives from several aid agencies' evaluation units. It included discussions regarding the advantages and shortcomings of different evaluation techniques.

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.

Following is a short overview of some of the joint activities that took place in 2012.

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: Animal Wealth 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. On September 2012, the agreement for the third phase for the years 2012-2015 was signed by the Danish Government, The Jordanian Government, the Palestinian Authority and the Israeli Government.

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 2012.

A workshop was also held, for the third year, for Palestinian physiotherapists in cooperation with the Jewish Distribution Committee (JDC). Over 180 women and youth took part in six Israeli/ Palestinian activities in 2012.

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 2012 MASHAV cooperated, among others with The American Jewish Joint Distribution Committee (JDC); Eye from Zion, Magen David Adom.

Following is a brief overview of some of the humanitarian aid missions which MASHAV organized:

NAURU

Israeli nephrologist Dr. Noa Yanay arrived in Nauru in January for a two-month medical mission in the area of nephrology. Upon her arrival, Dr. Yanay stated that the leading cause of kidney disease is diabetes, and thus the importance of prevention and control of both diabetes and high blood pressure. Dr. Yanay believes these issues should be addressed, and emphasized that lifestyle changes can prevent diabetes and lessen complications.



Fiji

Assistance was sent via the Israeli Embassy in Canberra to Fiji, following the severe situation created in the wake of a cyclone which hit the country in December. The shipment included emergency-aid equipment, blankets and protective gear.

HONDURAS

Humanitarian assistance was to Honduras sent via the Israeli Embassy in Guatemala in February, following the fire in Comayagua prison that left more than 300 inmates dead and many injured.

MONTENEGRO

Following the severe snowstorms and extreme cold weather which hit the country in February, the State of Israel, through MASHAV, sent a special emergency air cargo containing blankets, winter tents and additional equipment to Montenegro.

EYE CAMPS

Supported by MASHAV, Eye from Zion is a group of Israeli doctors who volunteer their time to restore sight to people in developing countries. In cooperation with the American Jewish Joint Distribution Committee (JDC), several missions were dispatched around the world:

In March, a medical delegation led by Prof. Dov Weinberger, Head of Ophthalmology at Israel's Rabin Medical Center, arrived in **Ethiopia**, where they performed over 160 cataract surgeries in a portable operation room donated by Chaim Sheba Medical Center, Tel Hashomer. An additional mission was sent in July to **Cameroon**. In August, a medical team comprised by three senior ophthalmologists, a head nurse, and a medical technician from the Nahariya Hospital in the Western Galilee arrived in Bishkek, **Kyrgyzstan**. The doctors performed cataract removal, cornea transplants, treated retinal disease, and oculoplastics. In addition, they trained Kyrgyz ophthalmologists and delivered lectures and seminars in their expert areas to hundreds of local counterparts.



THE REPUBLIC OF CONGO

In the wake of the devastating explosions in Brazzaville, the capital and largest city of the Republic of the Congo, during which hundreds of people were injured, MASHAV in partnership with Magen David Adom – Israel's Medical Emergency Service in South Africa (MDA-SA), arranged for an emergency shipment to be sent to the affected area in March. The emergency assistance was coordinated by the Israeli Embassy in South Africa and included medical equipment for the treatment of burns.

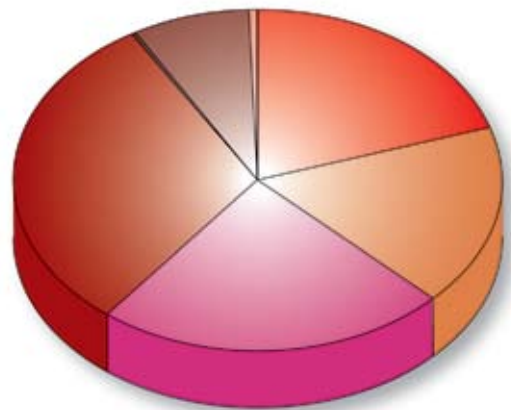
MASHAV AT A GLANCE

PARTICIPANTS IN ISRAEL: 2,437

In 104 Courses and Individual Training from 103 countries

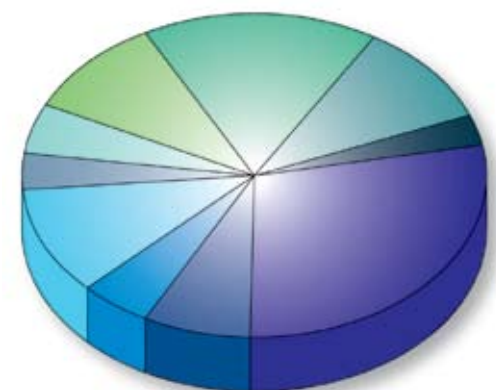
According to Region

■ Africa	(32 countries)	489
■ Asia and Oceania	(13 countries)	421
■ Central Europe & Eurasia	(23 countries)	573
■ Latin America & the Caribbean	(27 countries)	753
■ Mediterranean Basin	(2 countries)	2
■ Middle East & North Africa	(3 countries)	189
■ The E.U.	(3 countries)	10



According to Subject

■ Agriculture	694
■ Communication	73
■ Community Development	252
■ Education	398
■ Gender Issues	245
■ Medicine and Public Health	122
■ Regional Planning	87
■ Rural and Urban Development	268
■ Science and Technology	116
■ Small and Medium Enterprises	182

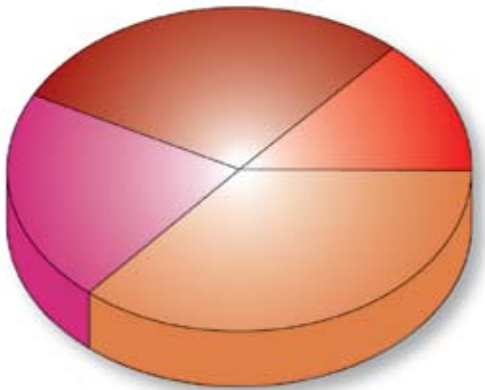


PARTICIPANTS IN COURSES ABROAD ("ON-THE-SPOT"): 3,309

In 73 courses in 33 countries

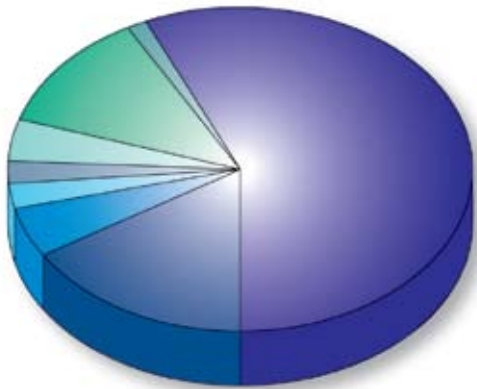
According to Region

■ Africa	(5 countries)	455
■ Asia & Oceania	(5 countries)	1,194
■ Central Europe & Eurasia	(8 countries)	706
■ Latin America & the Caribbean	(15 countries)	954



According to Subject

■ Agriculture	1,884
■ Community Development	41
■ Education	393
■ Medicine and Public Health	143
■ Regional Planning	70
■ Rural and Urban Development	80
■ Science and Technology	170
■ Small and Medium Enterprises	528

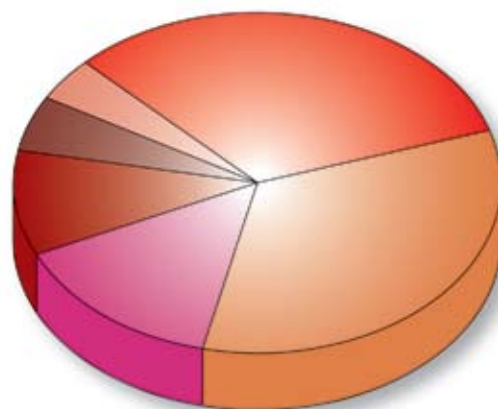


SHORT-TERM CONSULTANCIES ABROAD: 98

In 38 countries

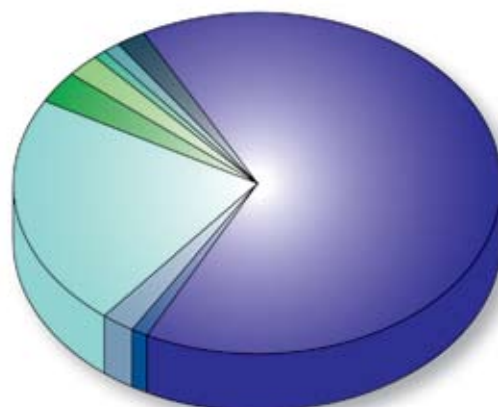
According to Region

■ Africa	(10 countries)	32
■ Asia & Oceania	(11 countries)	33
■ Central Europe & Eurasia	(6 countries)	14
■ Latin America & the Caribbean	(7 countries)	10
■ Middle East and North Africa	(1 country)	5
■ The E.U.	(3 countries)	4



According to Subject

■ Agriculture	64
■ Communication	2
■ Community Development	1
■ Education	1
■ Gender Issues	2
■ Management	3
■ Medicine and Public Health	22
■ Regional Planning	2
■ Rural and Urban Development	1

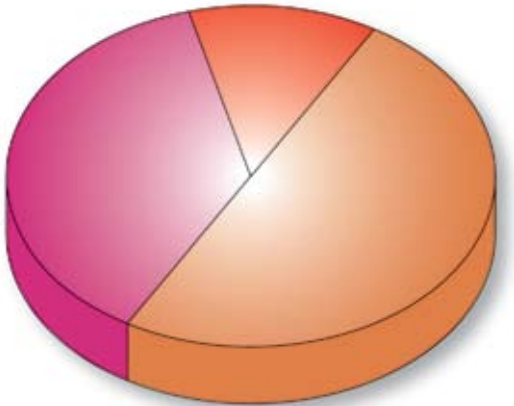


LONG-TERM CONSULTANCIES ABROAD: 8

In 6 countries

According to Region

<div></div>	Africa	(2 countries)	3
<div></div>	Asia & Oceania	(3 countries)	4
<div></div>	Central Europe & Eurasia	(1 country)	1



According to Subject

<div></div>	Agriculture	8
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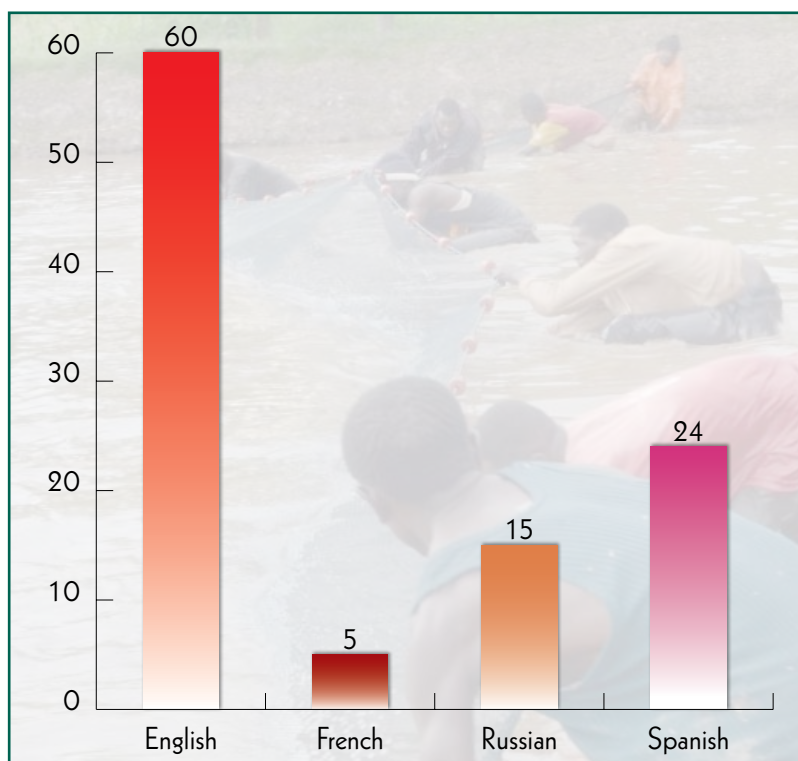
PROFESSIONAL DELEGATIONS IN ISRAEL: 13

According to Subject

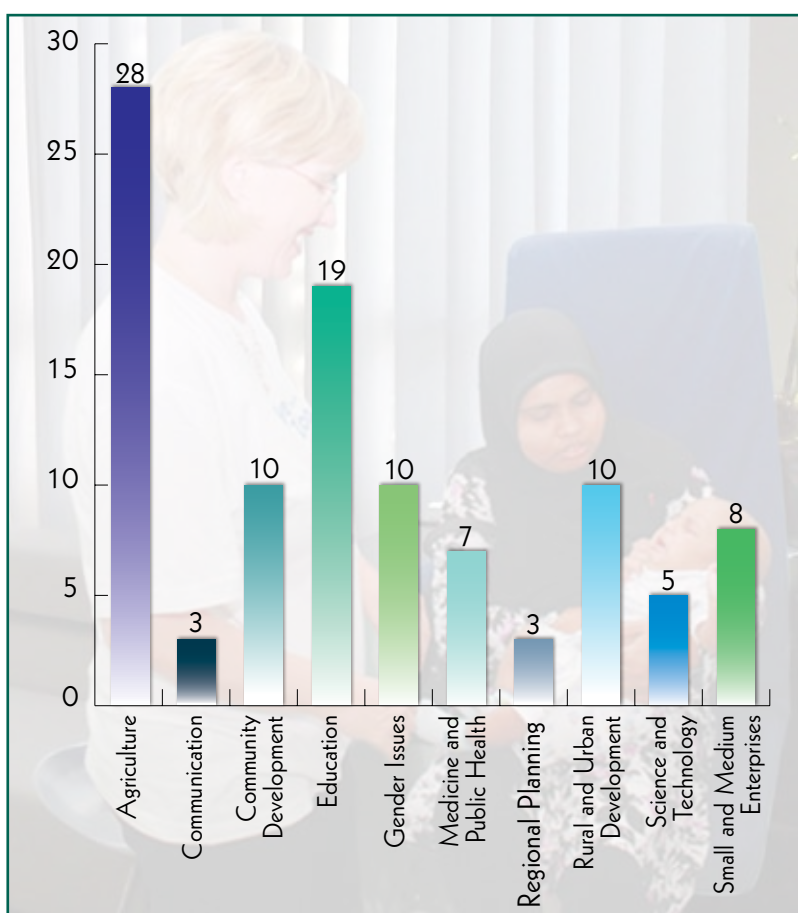
<div></div>	Agriculture	13
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Courses in Israel: 104

According to
Language

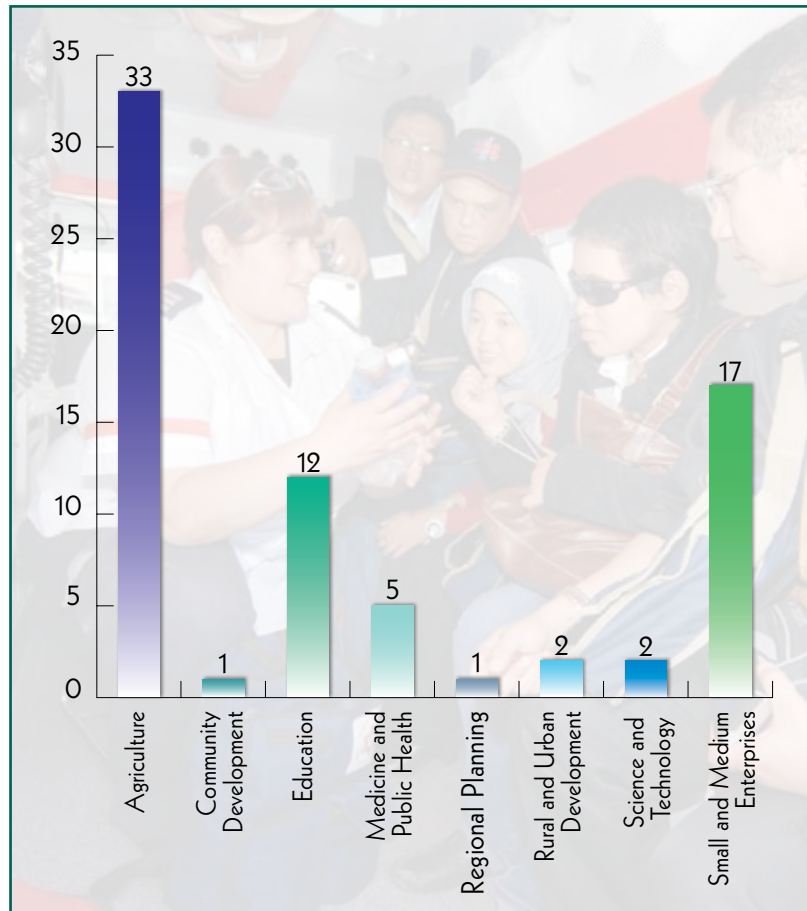


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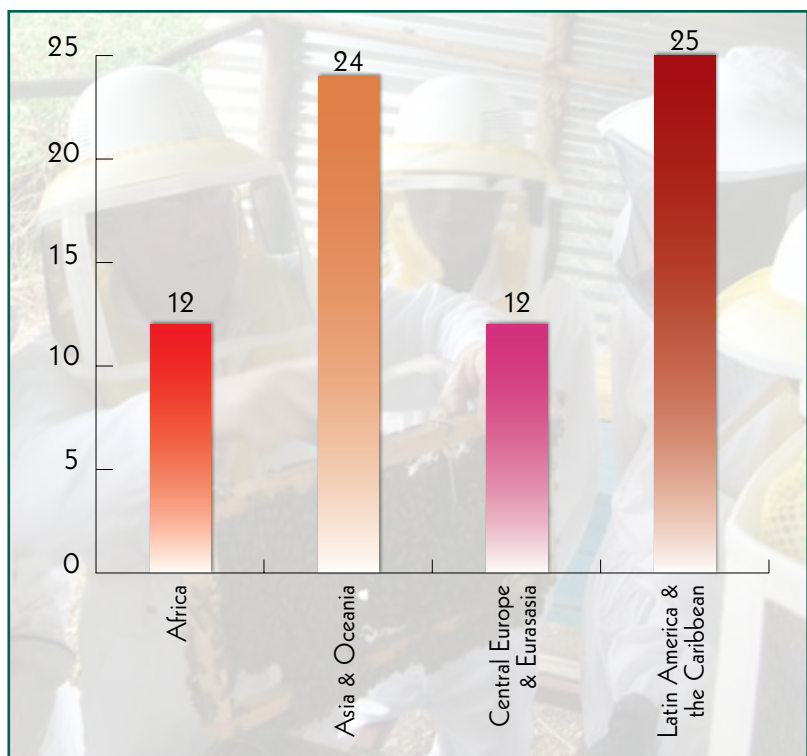


Courses Abroad: 73

According to
Subject



According to
Region



MASHAV around the World







Angola

PARTICIPANTS IN ISRAEL
Medicine and Public Health
Small and Medium Enterprises
Communication

6
2
2
2



Benin

PARTICIPANTS IN ISRAEL
Agriculture
Medicine and Public Health
Small and Medium Enterprises

6
3
1
2



Burkina Faso

PARTICIPANTS IN ISRAEL
Agriculture
Gender Issues
Small and Medium Enterprises

14
10
1
3



Burundi

PARTICIPANTS IN ISRAEL
Agriculture
Small and Medium Enterprises

7
5
2



Cameroon

PARTICIPANTS IN ISRAEL
Agriculture
Medicine and Public Health
Education
Regional Planning
Community Development
Rural and Urban Development
Small and Medium Enterprises

24
11
1
3
2
1
2
4

SHORT-TERM CONSULTANCIES
Medicine and Public Health

1
1



Central African Republic

PARTICIPANTS IN ISRAEL
Small and Medium Enterprises

1
1



Chad

PARTICIPANTS IN ISRAEL
Agriculture

3
3



Congo

SHORT-TERM CONSULTANCIES
Medicine and Public Health

1
1

Congo

Humanitarian Assistance

In the wake of the devastating explosions in Brazzaville, the capital and largest city of the Republic of the Congo, during which hundreds of people were injured, MASHAV in partnership with Magen David Adom – Israel's Medical Emergency Service in South Africa (MDA-SA), arranged for an emergency shipment to be sent to the affected area in March. The emergency assistance was coordinated by the Israeli Embassy in South Africa and included medical equipment for the treatment of burns.



Cote d'Ivoire

PARTICIPANTS IN ISRAEL
Agriculture
Education
Gender Issues
Small and Medium Enterprises
Communication

19
12
1
1
4
1

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

1
1
43



Democratic Republic of Congo

PARTICIPANTS IN ISRAEL
Rural and Urban Development
Small and Medium Enterprises

3
1
2



Ethiopia

PARTICIPANTS IN ISRAEL	16
Agriculture	12
Medicine and Public Health	1
Education	1
Community Development	1
Science and Technology	1
ON-THE-SPOT COURSES	4
Agriculture	4
TOTAL NUMBER OF PARTICIPANTS	243
SHORT-TERM CONSULTANCIES	12
Agriculture	11
Gender Issues	1
LONG-TERM CONSULTANCIES	2
Agriculture	2

Ethiopia

MASHAV-USAID-MoARD Cooperation

The joint program focuses on the development of horticultural plant propagation in Ethiopia through nursery cultivation and tissue culture propagation, and is coordinated by an MASHAV long-term agricultural expert. The stated goals of the projects are 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 third-phase of the project commenced in May 2012 with the intention of expanding and diversifying activities in the field of horticulture, and will continue until 2015.

MASHAV-Ethiopia-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.



Gabon

PARTICIPANTS IN ISRAEL	1
Education	1



Ghana

PARTICIPANTS IN ISRAEL	43
Agriculture	10
Medicine and Public Health	5
Education	14
Regional Planning	2
Community Development	3
Rural and Urban Development	3
Gender Issues	3
Science and Technology	2
Small and Medium Enterprises	1
ON-THE-SPOT COURSES	5
Education	5
TOTAL NUMBER OF PARTICIPANTS	106
SHORT-TERM CONSULTANCIES	2
Agriculture	1
Medicine and Public Health	1

Ghana

Cooperation to Reduce Neonatal and Maternal Mortality in Kumasi

MASHAV and the Millennium Cities Initiative (MCI) joined together to assist the city of Kumasi, Ghana, in achieving the Millennium Development Goals through the transfer of knowledge supported by model projects. 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.

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 MBUs.

In 2012 a physician sponsored by MASHAV and selected by Metro Health Authorities in Kumasi arrived in Israel to conduct a 3 month-long specialization in the field of neonatology at Soroka Hospital, Beer Sheba.

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.

Early Childhood Education (ECD) in Kumasi

This project involves cooperation between MASHAV, its training extension, the Golda Meir Mount Carmel International Training Center (MCTC) and the MCI. Its objectives are to introduce change in ECD in Kumasi, Ghana, through training local professionals in the teacher training college, coordinators and kindergarten teachers. These professionals will be responsible for disseminating knowledge and training other ECD teachers. The Israeli team is also working to establish a new role in the college, in the shape of a nucleus of pedagogical mentors to integrate the teaching program and to accompany the newly-trained teachers in their practical work in the field. The team has built an integrative learning program based on the local curriculum and has written a training program for the leading teachers, in order to help them train new groups of teachers and establish demonstration kindergartens.

Early Childhood Education Program Introduced in Accra, Ghana

The Mayor of Accra, Hon. Alfred O. Vanderpuije, and Israeli Ambassador H.E. Sharon Bar-li welcomed in May the participants of MASHAV's first Early Childhood Education (ECE) course in Accra, the capital city of Ghana. This course marks the first stage of the implementation of the very successful ECE program s piloted in Kumasi three years ago by MASHAV and the Millennium Cities Initiative (MCI). The program focuses on using proven Israeli knowledge and experience in the field of ECE and training qualified teachers in Ghana focusing on the approach of "Learn through Play" approach.



Guinea

PARTICIPANTS IN ISRAEL	1
Small and Medium Enterprises	1



Kenya

PARTICIPANTS IN ISRAEL	128
Agriculture	17
Medicine and Public Health	8
Education	42
Regional Planning	1
Community Development	1
Rural and Urban Development	49
Gender Issues	3
Science and Technology	4
Small and Medium Enterprises	1
Communication	2

SHORT-TERM CONSULTANCIES	6
Agriculture	4
Education	1
Communication	1

Kenya

Israel-Kenya-Germany Trilateral Cooperation in Lake Victoria

With the goal of increasing the income of fish farmers' households, eradicating poverty in the region and improving the Lake Victoria ecosystem, Kenya, Germany and Israel joined hands in a trilateral cooperation to improve the farmed tilapia value chain in Kenya. The cooperating partners include Kenya's Ministry of Fisheries Development (MoFD), the Israeli Ministry of Foreign Affairs through MASHAV, and the German Federal Ministry for Economic Cooperation and Development through its implementing partner Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). The trilateral agreement states two main cooperation areas aiming at the improvement of the ecosystem of Lake Victoria, based on the needs of the region and the respective

comparative advantages of the partners: the promotion of tilapia fish farming as a business with an emphasis on "pro-poor" action by supporting capacity-building activities for establishing tilapia aquaculture; and a contribution to the improvement of wastewater management around Lake Victoria. The official launching of the project and the signing of the trilateral agreement took place in Kisumu, Kenya, in August.



Liberia

PARTICIPANTS IN ISRAEL	2
Education	1
Rural and Urban Development	1



Madagascar

PARTICIPANTS IN ISRAEL	2
Agriculture	1
Small and Medium Enterprises	1



Malawi

PARTICIPANTS IN ISRAEL	1
Education	1



Mali

PARTICIPANTS IN ISRAEL	5
Agriculture	3
Small and Medium Enterprises	2



Mozambique

PARTICIPANTS IN ISRAEL	1
Medicine and Public Health	1



Niger

PARTICIPANTS IN ISRAEL	3
Agriculture	3



Nigeria

PARTICIPANTS IN ISRAEL	62
Agriculture	21
Medicine and Public Health	3
Education	4
Regional Planning	1
Rural and Urban Development	9
Gender Issues	19
Science and Technology	4
Small and Medium Enterprises	1



Republic of South Sudan

PARTICIPANTS IN ISRAEL	2
Gender Issues	2



Rwanda

PARTICIPANTS IN ISRAEL	10
Agriculture	1
Education	2
Rural and Urban Development	3
Gender Issues	2
Science and Technology	1
Small and Medium Enterprises	1

SHORT-TERM CONSULTANCIES	2
Agriculture	2

Rwanda

Center of Excellence in Rwanda

The Minister of Agriculture of Rwanda asked MASHAV to establish a special Center for Advanced Horticulture designed for all levels of the farming community, from small holder farmers to commercial farmers. The design of the center is based on the Indo-Israel model of "Center of Excellence in Agriculture" established in Haryana, India. The model is based on the production of 4 main products; transfer of knowhow, capacity building and demonstration; agro-inputs (nurseries for better seedlings and varieties) and fresh produce. The center will display a whole range of technologies for horticulture production under cover and open field. This center will be made available for applied R&D, training and exhibition.



Senegal

PARTICIPANTS IN ISRAEL	15
Agriculture	7
Regional Planning	2
Gender Issues	2
Small and Medium Enterprises	3
Communication	1

ON-THE-SPOT COURSES	1
Agriculture	1

TOTAL NUMBER OF PARTICIPANTS	30
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SHORT-TERM CONSULTANCIES	2
Agriculture	2

Senegal

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 four different sites in Senegal. The project involves a small-scale horticultural production package developed by Israeli experts, based on low-pressure drip-irrigation, a mix of annual and tree crops, and an "operating system" which leads the farmer to irrigate according to scientific principles. The benefits of using the AMG system include higher yields of improved quality vegetables and fruits, the ability to produce crops year round, the most efficient utilization of water resources, decreased labor requirements for irrigation and weeding, and greater likelihood of maintaining the productive capacity of the soil. Drip irrigation facilitates year round production of vegetables and fruits.

Trilateral Cooperation Israel-Senegal-Italy

A memorandum of Understanding was signed in October between the three parties establishing the guidelines for a trilateral cooperation program aimed at setting a common framework to assist Senegal in its efforts to promote and sustain a fair socio-economic development process. The agreement states that training activities will be based on Italian and Israeli best practices and

be designed around specific pro-poor oriented projects. The program will be implemented by a qualified staff in terms of both professional expertise and institutional qualifications. The governments of Italy and Israel are strongly committed to the global agenda for sustainable development, poverty eradication and the attainment of the Millennium Development Goals. The two countries have agreed to increase their engagement and coordination by extending their development dialogue through Cooperazione Italiana allo Sviluppo and MASHAV and by examining further development cooperation partnerships for the benefit of developing countries.



Seychelles

PARTICIPANTS IN ISRAEL	
Agriculture	1
Education	3
Gender Issues	1



Sierra Leone

PARTICIPANTS IN ISRAEL	
Regional Planning	1
Community Development	1
Rural and Urban Development	4

ON-THE-SPOT COURSES	
Medicine and Public Health	1
TOTAL NUMBER OF PARTICIPANTS	33

SHORT-TERM CONSULTANCIES	
Medicine and Public Health	1

Sierra Leone

Establishing a Dialysis Unit

Based on the Sierra Leone government's appreciation of Israeli capabilities and its interest in renewing the previously successful cooperation with MASHAV, a request was addressed to the Israeli Foreign Ministry for the establishment of a first-of-its-kind dialysis unit to improve

the country's health system. Following an analysis made by both the Israeli Embassy in Dakar and MASHAV's experts regarding the project's potential implementation, it was decided to establish the unit at Connaught Hospital – the biggest and most important governmental hospital in the capital, Freetown.

The project was implemented at the beginning of 2012. It includes the upgrading of the designated site and adjusting it to local needs, including training in Israel of a local medical team (doctors and nurses); purchase, delivery and installing the equipment by MASHAV's experts, training and professional support of the local team both in Israel and in Sierra Leone from the first operational steps to full professional autonomy. The unit includes four dialysis stands and aims to end the need of sending patients abroad for expensive and, in many cases, ineffective medical treatment.



South Africa

PARTICIPANTS IN ISRAEL	
Medicine and Public Health	1

LONG-TERM CONSULTANCIES	
Agriculture	1

South Africa

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 2012 were accompanied by a MASHAV long-term expert.



Swaziland

PARTICIPANTS IN ISRAEL	
Medicine and Public Health	1
Education	1



Tanzania

PARTICIPANTS IN ISRAEL	
Agriculture	2
Education	3
Community Development	1
Rural and Urban Development	22
Science and Technology	1
Small and Medium Enterprises	1



Togo

PARTICIPANTS IN ISRAEL	
Agriculture	29
Small and Medium Enterprises	5

SHORT-TERM CONSULTANCIES	
Agriculture	1



Uganda

PARTICIPANTS IN ISRAEL	29
Agriculture	1
Medicine and Public Health	2
Education	2
Rural and Urban Development	22
Gender Issues	1
Small and Medium Enterprises	1

SHORT-TERM CONSULTANCIES	4
Medicine and Public Health	4

Uganda

Establishing a Trauma Unit

A first-of-its-kind state-of-the-art emergency and trauma unit was established at Mulago Hospital in Kampala, Uganda. The hospital, which serves as a referral center in the country, was built in 1962 by the Israeli construction company "Solel Boneh" and is the biggest and most important in the country. It serves as a professional referential center in all medical fields and is affiliated to the renowned Makerere University. The Unit was officially inaugurated in August by Israeli Deputy Foreign Minister Danny Ayalon, together with the Head of MASHAV, Ambassador Daniel Carmon, and Uganda's Health Minister Dr. Christine Ondo. The decision to undertake the project originated following the successful cooperation between Israel and Uganda in the field of human capacity building in the areas of emergency and disaster preparedness.



Zambia

PARTICIPANTS IN ISRAEL	7
Education	2
Rural and Urban Development	2
Gender Issues	2
Small and Medium Enterprises	1



Zimbabwe

PARTICIPANTS IN ISRAEL	1
Gender Issues	1





Australia

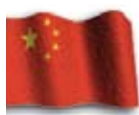
PARTICIPANTS IN ISRAEL	2
Agriculture	2



Cambodia

PARTICIPANTS IN ISRAEL	3
Agriculture	1
Medicine and Public Health	2

SHORT-TERM CONSULTANCIES	2
Agriculture	2



China

PARTICIPANTS IN ISRAEL	109
Agriculture	90
Medicine and Public Health	1
Education	5
Regional Planning	2
Community Development	1
Rural and Urban Development	1
Gender Issues	5
Science and Technology	2
Communication	2

ON-THE-SPOT COURSES	11
Agriculture	9
Medicine and Public Health	1
Small and Medium Enterprises	1
TOTAL NUMBER OF PARTICIPANTS	680

SHORT-TERM CONSULTANCIES	1
Management	1

Long-Term Consultancies	2
Agriculture	2

China

MASHAV-CIICTA Cooperation

The signing ceremony for Memorandum of Understanding on the 4th phase of Cooperative Project Chinese-Israeli International Center for Research and Training in Agriculture took place at China's Agriculture University, in December. Within this framework, Israel and China will continue their cooperation in academic exchanges and training, research and development, joint education program, extension and business services. Since the establishment of CIICTA in 1993, Israel and China have been carrying out a multi-level and comprehensive cooperation in the areas of arid zone agriculture and bio-agriculture, including application of advanced agricultural technologies.

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 to an 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.



Fiji

PARTICIPANTS IN ISRAEL	2
Gender Issues	2

Fiji

MASHAV-University of South Pacific sign MOU

MASHAV and the University of the South Pacific (USP) signed in December a Memorandum of Understanding at USP's Laucala campus in Fiji. The agreement is designed to assist the development process in the region and foster a friendly relationship through technical cooperation, training and capacity building programs. The two parties will cooperate over the next three years in the areas of public health, women's empowerment and agribusiness development. The University of the South Pacific is the premier institution of higher learning for the Pacific region. It is jointly owned by the governments of 12 member countries: Cook Islands, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu and Samoa. The University has campuses in all member countries.

Humanitarian Assistance

Assistance was sent via the Israeli Embassy in Canberra to Fiji, following the severe situation created in the wake of a cyclone which hit the country in December. The shipment included emergency-aid equipment, blankets and protective gear.

ASIA & OCEANIA



India

PARTICIPANTS IN ISRAEL	52
Agriculture	43
Medicine and Public Health	4
Education	1
Regional Planning	1
Community Development	1
Rural and Urban Development	1
Science and Technology	1
SHORT-TERM CONSULTANCIES	8
Agriculture	8
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 cooperation program 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.



Laos

ON-THE-SPOT COURSES	2
Agriculture	2
TOTAL NUMBER OF PARTICIPANTS	40



Mongolia

ON-THE-SPOT COURSES	2
Agriculture	2
TOTAL NUMBER OF PARTICIPANTS	40

SHORT-TERM CONSULTANCIES	1
Medicine and Public Health	1



Myanmar

PARTICIPANTS IN ISRAEL	19
Agriculture	3
Medicine and Public Health	1
Education	3
Community Development	3
Rural and Urban Development	3
Gender Issue	5
Communication	1

SHORT-TERM CONSULTANCIES	2
Agriculture	1
Regional Planning	1



Nauru

SHORT-TERM CONSULTANCIES	1
Medicine and Public Health	1

Nauru

Israeli nephrologist Dr. Noa Yanay arrived in Nauru in January for a two-month medical mission in the area of nephrology. Upon her arrival, Dr. Yanay stated that the leading cause of kidney disease is diabetes, and thus the importance of prevention and control of both diabetes and high blood pressure. Dr. Yanay believes these issues should be addressed, and emphasized that lifestyle changes can prevent diabetes and lessen complications.



Nepal

PARTICIPANTS IN ISRAEL	78
Agriculture	26
Medicine and Public Health	4
Education	38
Regional Planning	1
Community Development	3
Rural and Urban Development	2
Gender Issues	3
Communication	1

ON-THE-SPOT COURSES	4
Agriculture	1
Medicine and Public Health	1
Education	2
TOTAL NUMBER OF PARTICIPANTS	117

Nepal

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 2012 with special focus on ECED.

ASIA & OCEANIA



Palau

SHORT-TERM CONSULTANCIES	1
Agriculture	1

Palau

Following a request made by the President of Palau, two Israeli agricultural experts arrived in the country to assist in the fight against the fruit fly, which causes severe damages to crops. The mission was carried out in cooperation with the local authorities and specific instructions were outlined.



Philippines

PARTICIPANTS IN ISRAEL	33
Agriculture	28
Medicine and Public Health	2
Education	1
Gender Issues	1
Science and Technology	1
SHORT-TERM CONSULTANCIES	2
Agriculture	2

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.



Singapore

PARTICIPANTS IN ISRAEL	9
Agriculture	9



Solomon Islands

PARTICIPANTS IN ISRAEL	1
Rural and Urban Development	1
SHORT-TERM CONSULTANCIES	2
Regional Planning	1
Rural and Urban Development	1



Sri Lanka

PARTICIPANTS IN ISRAEL	1
Agriculture	1
SHORT-TERM CONSULTANCIES	1
Agriculture	1



Thailand

PARTICIPANTS IN ISRAEL	31
Agriculture	12
Medicine and Public Health	4
Education	5
Regional Planning	1
Community Development	2
Rural and Urban Development	1
Gender Issues	4
Science and Technology	2



Vietnam

PARTICIPANTS IN ISRAEL	81
Agriculture	31
Medicine and Public Health	2
Education	3
Community Development	26
Rural and Urban Development	3
Gender Issues	2
Communication	1
Science and Technology	13
ON-THE-SPOT COURSES	6
Agriculture	2
Education	2
Rural and Urban Development	2
TOTAL NUMBER OF PARTICIPANTS	306
SHORT-TERM CONSULTANCIES	10
Agriculture	10
Long-Term Consultancies	1
Agriculture	1

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 is 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 endeavors and the long-standing close ties between the governments of Vietnam and Israel. The professional aspects and the management of the program are carried out by an on-site Israeli agricultural expert assigned to the program on a long-term mission.



Albania

PARTICIPANTS IN ISRAEL	13
Agriculture	3
Medicine and Public Health	4
Education	2
Gender Issues	3
Small and Medium Enterprises	1



Armenia

PARTICIPANTS IN ISRAEL	20
Agriculture	6
Education	2
Community Development	4
Rural and Urban Development	1
Gender Issues	5
Science and Technology	2

ON-THE-SPOT COURSES	1
Education	1
TOTAL NUMBER OF PARTICIPANTS	48

SHORT-TERM CONSULTANCIES	1
Medicine and Public Health	1



Azerbaijan

PARTICIPANTS IN ISRAEL	11
Agriculture	2
Medicine and Public Health	2
Community Development	1
Rural and Urban Development	1
Gender Issues	2
Science and Technology	3

SHORT-TERM CONSULTANCIES	1
Community Development	1



Belarus

PARTICIPANTS IN ISRAEL	33
Agriculture	6
Medicine and Public Health	3
Education	2
Community Development	8
Rural and Urban Development	1
Gender Issues	4
Science and Technology	4
Small and Medium Enterprises	5

ON-THE-SPOT COURSES	1
Medicine and Public Health	1
TOTAL NUMBER OF PARTICIPANTS	27



Bosnia Herzegovina

PARTICIPANTS IN ISRAEL	15
Agriculture	6
Education	1
Rural and Urban Development	2
Gender Issues	2
Science and Technology	1
Small and Medium Enterprises	3

ON-THE-SPOT COURSES	1
Agriculture	1
TOTAL NUMBER OF PARTICIPANTS	200



Bulgaria

PARTICIPANTS IN ISRAEL	2
Small and Medium Enterprises	2

ON-THE-SPOT COURSES	1
Medicine and Public Health	1
TOTAL NUMBER OF PARTICIPANTS	23



Croatia

PARTICIPANTS IN ISRAEL	5
Agriculture	1
Small and Medium Enterprises	4



Czech Republic

PARTICIPANTS IN ISRAEL	2
Medicine and Public Health	2



Georgia

PARTICIPANTS IN ISRAEL	32
Agriculture	9
Medicine and Public Health	4
Education	5
Regional Planning	1
Community Development	5
Gender Issues	2
Science and Technology	2
Small and Medium Enterprises	3
Communication	1



Kazakhstan

PARTICIPANTS IN ISRAEL	33
Agriculture	10
Education	5
Regional Planning	2
Community Development	1
Gender Issues	6
Science and Technology	5
Small and Medium Enterprises	4

CENTRAL EUROPE & EURASIA



Kyrgyzstan

PARTICIPANTS IN ISRAEL	23
Agriculture	6
Medicine and Public Health	4
Education	2
Community Development	3
Rural and Urban Development	1
Gender Issues	1
Science and Technology	1
Small and Medium Enterprises	4
Communication	1
SHORT-TERM CONSULTANCIES	1
Medicine and Public Health	1

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.



Latvia

PARTICIPANTS IN ISRAEL	27
Agriculture	27



Macedonia

PARTICIPANTS IN ISRAEL	14
Agriculture	4
Medicine and Public Health	2
Community Development	3
Rural and Urban Development	1
Gender Issues	1
Small and Medium Enterprises	2
Communication	1
ON-THE-SPOT COURSES	1
Agriculture	1
TOTAL NUMBER OF PARTICIPANTS	37

SHORT-TERM CONSULTANCIES	2
Agriculture	2

LONG-TERM CONSULTANCIES	1
Agriculture	1

Macedonia

Israel-Macedonia Joint Agricultural Project

A joint agricultural project is taking place in Macedonia to enhance competitiveness of local vegetable growers. The joint agricultural project is intended to instill good agriculture practices in Macedonian farmers, through the creation of a high-quality production chain including the establishment of seedling and seed production demonstration units that will serve as capacity building units for good agricultural practices. This project will create the basis for future production of high quality vegetables intended for the export to EU markets. The joint project's overall goal is to enhance the competitiveness of local vegetable growers in both domestic and export markets, and of agricultural products through the promotion of quality and safety of on-farm produce and production processes, by instilling a "from seed to marketing stage" value chain. The project is accompanied by a MASHAV long-term agricultural expert.



Moldova

PARTICIPANTS IN ISRAEL	38
Agriculture	11
Medicine and Public Health	16
Education	3
Community Development	5
Rural and Urban Development	2
Small and Medium Enterprises	1
SHORT-TERM CONSULTANCIES	1
Agriculture	1



Montenegro

PARTICIPANTS IN ISRAEL	7
Agriculture	1
Regional Planning	1
Rural and Urban Development	2
Gender Issues	1
Science and Technology	2

Montenegro

Humanitarian Assistance

Following the severe snowstorms and extreme cold weather which hit the country in February, the State of Israel, through MASHAV, sent a special emergency air cargo containing blankets, winter tents and additional equipment to Montenegro.



Poland

PARTICIPANTS IN ISRAEL	5
Agriculture	2
Medicine and Public Health	3

CENTRAL EUROPE & EURASIA



Romania

PARTICIPANTS IN ISRAEL	2
Small and Medium Enterprises	2



Russian Federation

PARTICIPANTS IN ISRAEL	113
Agriculture	20
Medicine and Public Health	5
Education	50
Community Development	16
Rural and Urban Development	1
Gender Issues	6
Science and Technology	1
Small and Medium Enterprises	14

ON-THE-SPOT COURSES	2
Small and Medium Enterprises	2
TOTAL NUMBER OF PARTICIPANTS	50



Serbia

PARTICIPANTS IN ISRAEL	48
Agriculture	17
Medicine and Public Health	6
Education	3
Regional Planning	2
Community Development	3
Rural and Urban Development	9
Gender Issues	2
Science and Technology	1
Small and Medium Enterprises	3
Communication	2



Tadjikistan

PARTICIPANTS IN ISRAEL	18
Agriculture	4
Education	2
Community Development	7
Rural and Urban Development	2
Gender Issues	1
Small and Medium Enterprises	2

ON-THE-SPOT COURSES	1
Science and Technology	1
TOTAL NUMBER OF PARTICIPANTS	100



Turkmenistan

PARTICIPANTS IN ISRAEL	40
Agriculture	5
Education	3
Gender Issues	27
Small and Medium Enterprises	5

Turkmenistan

MASHAV-UNDP

Turkmenistan Cooperation

A group of 24 women entrepreneurs from Turkmenistan participated in August in a 17-day tailor-made Workshop on Development of Entrepreneurship for Women's Empowerment. This was the first professional training activity taking place within the framework of the Memorandum of Understanding signed in 2011 between MASHAV and UNDP Turkmenistan.

The women entrepreneurs (among them business consultants and UNDP officials) from different regions of the country represented both small and large businesses. The purpose of the program was to present the Israeli experience in building/expanding a small business effectively as a tool of economic empowerment and strengthening the status of women.



Ukraine

PARTICIPANTS IN ISRAEL	35
Agriculture	16
Medicine and Public Health	4
Education	2
Community Development	8
Science and Technology	5

SHORT-TERM CONSULTANCIES	8
Agriculture	5
Medicine and Public Health	2

Ukraine

Israel-Ukraine Cooperation

A cooperation agreement was signed between the Vinnitsa City Council in Ukraine and MASHAV aimed at improving the local medical and health-care services. Within the framework of the agreement, MASHAV has recently completed the establishment of a modern diagnostic center, which included renovating infrastructures and the installation of medical equipment including CT scanners and radiological and ultrasound facilities. During his official visit to Ukraine in July, Deputy Prime Minister and Minister of Foreign Affairs Avigdor Liberman inaugurated the newly established medical center. MASHAV will also provide professional training for the operation and maintenance of the new center.



Uzbekistan

PARTICIPANTS IN ISRAEL	37
Agriculture	10
Medicine and Public Health	1
Education	8
Community Development	4
Rural and Urban Development	2
Gender Issues	5
Science and Technology	3
Small and Medium Enterprises	3
Communication	1

ON-THE-SPOT COURSES	4
Agriculture	3
Science and Technology	1
TOTAL NUMBER OF PARTICIPANTS	221

LATIN AMERICA & THE CARIBBEAN



Antigua and Barbuda

PARTICIPANTS IN ISRAEL	1
Gender Issues	1

ON-THE-SPOT COURSES	1
Small and Medium Enterprises	1
TOTAL NUMBER OF PARTICIPANTS	25



Argentina

PARTICIPANTS IN ISRAEL	55
Agriculture	10
Education	9
Regional Planning	2
Community Development	8
Rural and Urban Development	11
Gender Issues	1
Science and Technology	5
Small and Medium Enterprises	3
Communication	6



Bahamas

ON-THE-SPOT COURSES	1
Small and Medium Enterprises	1
TOTAL NUMBER OF PARTICIPANTS	36



Barbados

PARTICIPANTS IN ISRAEL	5
Agriculture	2
Gender Issues	1
Small and Medium Enterprises	1
Communication	1



Bolivia

PARTICIPANTS IN ISRAEL	2
Agriculture	2



Brazil

PARTICIPANTS IN ISRAEL	29
Agriculture	6
Medicine and Public Health	1
Regional Planning	4
Community Development	3
Rural and Urban Development	9
Small and Medium Enterprises	2
Communication	4



Chile

PARTICIPANTS IN ISRAEL	29
Agriculture	4
Medicine and Public Health	1
Education	11
Regional Planning	1
Community Development	3
Rural and Urban Development	2
Gender Issues	1
Science and Technology	1
Small and Medium Enterprises	1
Communication	4

SHORT-TERM CONSULTANCIES	1
Medicine and Public Health	1



Colombia

PARTICIPANTS IN ISRAEL	108
Agriculture	13
Medicine and Public Health	2
Education	26
Regional Planning	15
Community Development	9
Rural Development	13
Gender Issues	6
Science and Technology	5
Small and Medium Enterprises	13
Communication	6

ON-THE-SPOT COURSES	3
Small and Medium Enterprises	3
TOTAL NUMBER OF PARTICIPANTS	106

SHORT-TERM CONSULTANCIES	4
Agriculture	4

Colombia

Dairy Cattle Project

An on-going Dairy Cattle project is taking place in Colombia in cooperation with the Atlantic Department local government, in the northern part of the country. Different stakeholders are involved in the project including dairy-production activities such as nutrition, reproduction, milk quality, and more.



Costa Rica

PARTICIPANTS IN ISRAEL	63
Agriculture	6
Medicine and Public Health	1
Education	16
Regional Planning	7
Community Development	9
Rural and Urban Development	7
Gender Issues	6
Science and Technology	2
Small and Medium Enterprises	3
Communication	6

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



Dominica

PARTICIPANTS IN ISRAEL	2
Community Development	2
ON-THE-SPOT COURSES	1
Small and Medium Enterprises	1
TOTAL NUMBER OF PARTICIPANTS	32



Dominican Republic

PARTICIPANTS IN ISRAEL	26
Agriculture	4
Education	8
Regional Planning	3
Community Development	1
Rural and Urban Development	4
Gender Issues	2
Science and Technology	1
Small and Medium Enterprises	1
Communication	2
ON-THE-SPOT COURSES	1
Small and Medium Enterprises	1
TOTAL NUMBER OF PARTICIPANTS	25



Ecuador

PARTICIPANTS IN ISRAEL	83
Agriculture	10
Education	34
Regional Planning	4
Community Development	7
Rural and Urban Development	10
Gender Issues	7
Science and Technology	4
Small and Medium Enterprises	2
Communication	5
ON-THE-SPOT COURSES	1
Community Development	1
TOTAL NUMBER OF PARTICIPANTS	41



El Salvador

PARTICIPANTS IN ISRAEL	36
Agriculture	3
Medicine and Public Health	1
Education	8
Regional Planning	3
Community Development	8
Rural and Urban Development	3
Gender Issues	2
Science and Technology	1
Small and Medium Enterprises	5
Communication	2
ON-THE-SPOT COURSES	3
Education	2
Small and Medium Enterprises	1
TOTAL NUMBER OF PARTICIPANTS	191

El Salvador

Commercial Beekeeping

The Ministry of Agriculture and Livestock (MAG) and the Embassy of Israel in El Salvador, in coordination with the National Centre for Agricultural and Forestry Technology "Enrique Alvarez Córdova" (CENTA) and Inter-American Institute for Cooperation on Agriculture (IICA), organized a regional course on Commercial Beekeeping in Modern Agriculture. The course is part of the technical cooperation existing between the two countries.



Grenada

ON-THE-SPOT COURSES	1
Small and Medium Enterprises	1
TOTAL NUMBER OF PARTICIPANTS	26



Guatemala

PARTICIPANTS IN ISRAEL	82
Agriculture	10
Education	15
Regional Planning	7
Community Development	32
Rural and Urban Development	8
Gender Issues	3
Science and Technology	2
Small and Medium Enterprises	2
Communication	3
ON-THE-SPOT COURSES	1
Regional Planning	1
TOTAL NUMBER OF PARTICIPANTS	70
SHORT-TERM CONSULTANCIES	1
Medicine and Public Health	1



Guyana

SHORT-TERM CONSULTANCIES	1
Agriculture	



Haiti

PARTICIPANTS IN ISRAEL	3
Rural and Urban Development	1
Small and Medium Enterprises	2
SHORT-TERM CONSULTANCIES	1
Medicine and Public Health	1

LATIN AMERICA & THE CARIBBEAN



Honduras

PARTICIPANTS IN ISRAEL	32
Agriculture	4
Education	1
Regional Planning	11
Community Development	2
Rural and Urban Development	10
Small and Medium Enterprises	2
Communication	1

Honduras

Humanitarian assistance was to Honduras sent via the Israeli Embassy in Guatemala in February, following the fire in Comayagua prison that left more than 300 inmates dead and many injured.



Jamaica

PARTICIPANTS IN ISRAEL	7
Agriculture	1
Medicine and Public Health	1
Education	3
Gender Issues	1
Communications	1

ON-THE-SPOT COURSES	2
Agriculture	2
TOTAL NUMBER OF PARTICIPANTS	52



Mexico

PARTICIPANTS IN ISRAEL	46
Agriculture	4
Education	6
Community Development	19
Rural and Urban Development	10
Gender Issues	3
Science and Technology	2
Communication	2



Nicaragua

PARTICIPANTS IN ISRAEL	2
Rural and Urban Development	1
Small and Medium Enterprises	1



Panama

PARTICIPANTS IN ISRAEL	14
Agriculture	2
Education	3
Rural and Urban Development	6
Small and Medium Enterprises	1
Communication	2



Paraguay

PARTICIPANTS IN ISRAEL	25
Agriculture	5
Education	2
Regional Planning	4
Community Development	3
Rural and Urban Development	4
Gender Issues	2
Science and Technology	1
Small and Medium Enterprises	3
Communication	1



Peru

PARTICIPANTS IN ISRAEL	61
Agriculture	7
Medicine and Public Health	1
Education	15
Regional Planning	5
Community Development	8
Rural and Urban Development	11
Gender Issues	1
Science and Technology	5
Small and Medium Enterprises	3
Communication	5

ON-THE-SPOT COURSES	4
Agriculture	2
Education	2
TOTAL NUMBER OF PARTICIPANTS	178
SHORT-TERM CONSULTANCIES	1
Agriculture	1



St. Kitts and Nevis

PARTICIPANTS IN ISRAEL	2
Agriculture	1
Medicine and Public Health	1
ON-THE-SPOT COURSES	1
Small and Medium Enterprises	1
TOTAL NUMBER OF PARTICIPANTS	29



St. Lucia

PARTICIPANTS IN ISRAEL	2
Education	2



St. Vincent and the Grenadines

PARTICIPANTS IN ISRAEL	2
Education	1
Gender Issues	1



Suriname

PARTICIPANTS IN ISRAEL	1
Education	1
ON-THE-SPOT COURSES	1
Small and Medium Enterprises	1
TOTAL NUMBER OF PARTICIPANTS	24



Uruguay

PARTICIPANTS IN ISRAEL	32
Agriculture	4
Medicine and Public Health	1
Education	5
Regional Planning	1
Community Development	6
Rural and Urban Development	2
Gender Issues	5
Science and Technology	3
Small and Medium Enterprises	1
Communication	4

ON-THE-SPOT COURSES	3
Agriculture	2
Small and Medium Enterprises	1
TOTAL NUMBER OF PARTICIPANTS	88

SHORT-TERM CONSULTANCIES	1
Medicine and Public Health	1



Venezuela

PARTICIPANTS IN ISRAEL	3
Rural and Urban Development	1
Communication	2

MEDITERRANEAN BASIN



Cyprus

PARTICIPANTS IN ISRAEL	1
Agriculture	1



Turkey

PARTICIPANTS IN ISRAEL	1
Agriculture	1

MIDDLE EAST & NORTH AFRICA

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: Animal Wealth 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.

In September 2012, the agreement for the third phase for the years 2012-2015 was signed by the Danish Government, The Jordanian Government, the Palestinian Authority and the Israeli Government.



Egypt

PARTICIPANTS IN ISRAEL	1
Agriculture	1



Jordan

PARTICIPANTS IN ISRAEL	32
Agriculture	13
Science and Technology	9
Small and Medium Enterprises	10
SHORT-TERM CONSULTANCIES	3
Agriculture	3

Palestinian Authority

PARTICIPANTS IN ISRAEL	156
Agriculture	6
Medicine and Public Health	10
Education	5
Community Development	20
Gender Issues	74
Science and Technology	13
Small and Medium Enterprises	28

Seminars for Palestinian and Israeli Women

A series of Palestinian-Israeli Seminars on "Women Building a New Reality, a Dialogue between Israel and Palestinian Women" continued in 2012. In addition, a training workshop for physiotherapists was held, in cooperation with the Jewish Distribution Committee (JDC). Over 180 women and youth took part in six Palestinian/Israeli activities in 2012.

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 2012, activities included partners from the following countries:



Austria

SHORT-TERM CONSULTANCIES	1
Communication	1



France

SHORT-TERM CONSULTANCIES	2
Gender Issues	1
Management	1

Israel-France: A development dialogue took place in France, following the Cooperation Agreement signed between Israel and France in 2012. The parties including, among others, representatives from MASHAV and the AFD (Agence Française de Développement), presented during the dialogue their policies, approaches, methodology and tools for development. Main fields for future cooperation were discussed, including food security (agriculture and irrigation), health, and gender issues.



Germany

PARTICIPANTS IN ISRAEL	1
Agriculture	1

Israel-Germany: An Israeli delegation headed by the Head of MASHAV, Ambassador Daniel Carmon, met with officials from The German Federal Ministry for Economic Development Cooperation (BMZ); the Foreign Ministry; the German Chancellor's Office; and the Ministry of Agriculture; and with representatives from UNCCD (The United Nations Convention to Combat Desertification) and UNFCCC (The United Nations Framework Convention on Climate Change). Different aspects of cooperation between the parties were discussed during the meetings, with the aim of exploring elements for a future framework of international cooperation for development. Israel and Germany are currently cooperating in Ethiopia, Kenya and Ghana, and are discussing the possibility of expanding cooperation to additional countries.



Italy

PARTICIPANTS IN ISRAEL	7
Agriculture	7

SHORT-TERM CONSULTANCIES	1
Agriculture	1

Trilateral Cooperation Israel-Senegal-Italy

A memorandum of Understanding was signed in October between the three parties establishing the guidelines for a trilateral cooperation program aimed at setting a common framework to assist Senegal in its efforts to promote and sustain a fair socio-economic development process. The agreement states that training activities will be based on Italian and Israeli best practices and be designed around specific pro-poor oriented projects. The program will be implemented by a qualified staff in terms of both professional expertise and institutional qualifications.



Spain

PARTICIPANTS IN ISRAEL	2
Agriculture	1
Small and Medium Enterprises	1

MASHAV conducts its extensive human capacity building program through specialized training extensions and affiliated professional study centers, which provide the technical skills and personnel to conduct the professional programs. Following is a review of their activities during 2012:

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, 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 knowhow 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 and rural development. CINADCO draws upon the development experience and professional skills of the



Treatment of River Basins Seminar for participants from China

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 2012 included 37 training activities (international courses and "tailor made" country specific courses). In summation, 785 participants from 70 countries have attended CINADCO's annual training program, which has also collaborated organizations such as the WHO, WMO, UNESCO, UNDP, USAID, FAO, GIZ, JICA, NCARE, ADBL, CAIEP, CICTA, MEDRC, and SWIM. Fifty professional and high-level official delegations were hosted in the Shefayim Training Center.

Agricultural training activities were held at both CINADCO training campuses. 33 training activities were held at Kibbutz Shefayim, 9 of which were to support capacity building of professionals involved in the implementation of MASHAV projects: 1 in Togo, 2 in the Ukraine, 1 in India, 1 in the Philippines, 1 in Ethiopia, 2 in Jordan and 1 in China. Four training activities were held at the Ministry of Agriculture and Rural Development headquarters in Beit Dagan focused on Research and Development issues.

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 2012, a total of 25 mobile courses were conducted in 11 countries involving 1,657 participants in Bosnia, China, El Salvador, Ethiopia, Jamaica, Laos, Macedonia, Nepal, Peru, Senegal, Thailand, Uruguay, Uzbekistan and Vietnam.

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 2012, 54 short-term Consultancy Missions were conducted in 19 countries. The topics covered involved a wide range of agricultural and technology-related subjects such as: field crops; nurseries; vegetables; dairy husbandry; 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: Armenia, Brazil, Cambodia, Chile, Colombia, Greece, India, Macedonia, Moldova, Palau, Peru, Philippines, Rwanda, Senegal, South Africa, Ukraine 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 2012, seven 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, have been operated in the following countries:

China: A demonstration and training project. A national dairy development project, operated in the vicinity of

Beijing.

India: A number of demonstration and training programs on horticulture (vegetables cultivation and orchards) were conducted in Haryana, Maharashtra, Punjab, Rajasthan, and Nagpur at the Excellence Centers.

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

Ukraine: The joint cooperation project with CIDA (Canada) and MEDA (Ukraine) focuses on the development of the horticulture sector in Crimea Region. It specializes on giving support to the smallholder farmers in their endeavour to improve quantity and quality of the local horticultural products.

Ethiopia: Two on-going projects: The first in cooperation with USAID-SHH, in the area of horticulture, field crops and nurseries; and the second, in cooperation with GIZ-EIE Project, which deals mainly with issues related to climate change.

Kenya: A tri-lateral aquaculture project is being jointly operated with GIZ and the Kenyan Fishery ministry. The project aims to develop knowledge and skills regarding the fish-breeding industry, by supporting the local university and establishing a training unit with the aim of enriching the knowledge and hands-on experience of the government's Extension Services.

Rwanda: A new Center of Excellence for Agriculture and Rural Development was established, including three main components: Capacity Building, Know-how and Knowledge Transfer and Implementation of Modern Technologies.

Colombia: An on-going Dairy Cattle project is taking place in cooperation with the Atlantic Department local government, in the northern part of the country. Different stakeholders are involved in the project including dairy-production activities such as nutrition, reproductivity, milk quality, and more.

OTHER ACTIVITIES AND INITIATIVES

During 2012 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. The long-term projects were conducted in cooperation and under the auspices of the local agencies.

The Golda Meir Mount Carmel International Training Center (MCTC)

The Golda Meir Mount Carmel International Training Center (MCTC), MASHAV's veteran training extension, was founded in Haifa in 1961 to conduct training activities in the socio-economic arena, specifically Management of Microenterprises, Community Development, and Early Childhood Education, all with a cross-cutting emphasis on Gender Equality. Its underlying philosophy stresses the importance of bottom-up development and the recognition of women's contribution to their countries' development.

In 2012, 29 international training activities took place at MCTC, for the benefit of 731 professionals in the relevant fields (584 women and 147 men). Eighty percent of the participants were women, in keeping with the emphasis on encouraging gender parity and the advancement of women in every sphere geared to leadership and decision-making. By the end of 2012, over 18,700 participants had attended the Training Center. For the first time, participants from South Sudan were welcomed on one of the training activities, to add to the more than 150 countries with which we have cooperative ties.

Special Study Tours were organized for 3 groups of professionals:

- **Turkmenistan**, on the topic of *Entrepreneurship Development for Women's Empowerment*, in cooperation with UNDP
- **Nigeria**, on *Women's Leadership*, in cooperation with Soroptimist International
- **Nepal**, for high policy-level professionals, on *Early Childhood Development*, in cooperation with UNICEF, UNESCO, SCF, and the Ministry of Education, Nepal

The activities carried out by MCTC continue to deal with topics in which Israel, as a laboratory of development, has accumulated much experience. The titles of this year's workshops reflected the intent to advance the socio-economic position of women, with particular emphasis on the situation of rural women, the theme of the United Nations' Commission on the Status of Women (CSW) in 2012. Emphasizing this, international training workshops were held on the topics of *Gender and Rural Tourism*, as well as *Entrepreneurship for Women in Rural Areas and Agribusiness – A Tool for the Empowerment of Rural Women*, which took place in cooperation with CINADCO.

During the High-level Seminar on *Profiles of Trafficking: Patterns, Populations and Policies*, a 1-day event on a related topic: *'The relationship between government and NGOs, in regard to anti trafficking activity'* was an integral part of the program. This innovation widened the range of experts available and enabled specialist panels and mutual learning between participants and Israeli experts.

ON THE SPOT TRAINING ACTIVITIES (OTS)

Twenty six OTS were conducted by MCTC staff and experts in Antigua & Barbuda, Armenia, Bahamas, Belarus, China, Colombia (3), Costa Rica, Dominica, Dominican Republic, El Salvador, Ghana (4), Grenada, Ivory Coast, Nepal, (2), Russia (2), St. Kitts-Nevis, Suriname, Uruguay and Vietnam.

Through all these programs, 881 professionals were reached in 19 partner countries (562 women, 319 men). Thus, in all, 1612 professional women and men benefitted from MCTC training programs in 2012.

Many OTS activities represented MCTC/MASHAV's long-term collaboration with Young Americas Business Trust (YABT), and cooperation with the YABT continues to thrive. Workshops on business cooperation at different levels and on different topics, such as *Innovation and microenterprise training*, reached women and girls throughout rural Latin America and the Caribbean, for the first time this year in the Bahamas too. At the end of the year, MASHAV/MCTC's longstanding partner in training for entrepreneurship in Latin America and the Caribbean, YABT President, Roy

Thomasson, together with a former participant from Panama, took part in a side-event organized by the Israeli Mission to the UN, supporting its draft resolution on Entrepreneurship and Development.

Of particular note are the multifaceted missions which took place in Ghana as part of an ongoing comprehensive early childhood development project, in cooperation with Millennium Cities Initiative and Ghana Education Services, to reform pre-primary school education services in Ghana. The project is expanding from its initial base in Kumasi, on to Accra and to Tamale in the north, and extra staff has been recruited by MCTC to specialize in this area.

INTERNATIONAL CONFERENCES AND SPECIAL ACTIVITIES ABROAD

MCTC represented Israel on missions and at international conferences abroad:

- At the United Nations in New York, for the Commission on the Status of Women
- At the DAC Gendernet Forum of the OECD in Paris
- On a MASHAV mission to Togo
- At the 12th Alliance against Trafficking in Persons' Conference, in Vienna, Austria
- In Baku, Azerbaijan, for the Third UNECE Forum of Women Entrepreneurs

During the CSW session at the UN Headquarters, in March, MASHAV/MCTC organized, in cooperation with the Israeli Mission to the UN, a side-event on *"Rural Women: From Vulnerability to Sustainability"*, in cooperation with the Italian and Senegalese governments.



High-level Seminar on Profiles of Trafficking: Patterns, Populations and Policies

SEMINARS FOR PALESTINIAN AND ISRAELI WOMEN

MCTC's series of Palestinian-Israeli Seminars – *"Women Building a New Reality, a Dialogue between Israel and Palestinian Women"* - continued. In addition, a training workshop for physiotherapists was held, in cooperation with the JDC. Over 180 women and youth took part in six Palestinian/Israeli activities this year and, from feedback received, we are well aware that such encounters do succeed in contributing towards education for peace.

VISITORS TO THE CENTER

In addition to the participants in all the training activities, during the year, MCTC hosted some 950 guests. These included diplomats, parliamentarians, journalists, representatives of international organizations, women's organizations and former participants.

In keeping with the UN's commitment to attain the Millennium Development Goals, MCTC continues to be directed and driven by these aims. Poverty eradication and advancement of the socio-economic status of women remain steadfastly at the forefront of its agenda.

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



International High-Level Symposium on Educational Challenges in Science, Technology and ICT - New Millennium Learners and Innovative Learning Environments

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, UNOCD, 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 The Center's 2012 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 2012, over 600 professional participated in 12 training activities, including 4 On-the-Spot course in Peru.

The Weitz Center for Development Studies

The Weitz Center for Development Studies is a non-profit NGO engaged in training, and consulting on assets-based 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 on leveraging local assets for development and poverty alleviation. The Center focuses on empowering the participants to



Clean Technologies Environmental Technology, Innovation and Management Systems as Means for Regional and Local Economic Development

build on their assets for Local Economic Development. This approach originates in the understanding that even the poorest localities hold assets which can be drawn for the sustainable development of the place and that empowering the communities are strong components in the process of development.

Additional areas of specialization include: Green Growth, Utilizing Clean Technologies for development Regional & local competitiveness; Integrative regional development and strategies for rural revitalization; Strategic Planning for Local Development; Sustainable services delivery systems; Urban upgrading and rehabilitation projects; Development projects formulation; Innovation and Entrepreneurship promotion and supportive municipal platforms;

During 2012 the Weitz Center conducted a variety of activities in Israel and abroad:

TRAINING IN ISRAEL:

Some 300 professionals from 56 countries participated in training and capacity building activities of the Weitz Center which included: 10 international courses and seminars. The courses included subjects such as: Mainstreaming poverty-environment linkages into planning and development; Integrated approach to upgrading poor urban area; Integrated Rural Development for Indigenous communities in Latin America; Promotion of LED through strategic planning; Tools for the promotion of LED for Mayors from Latin America; Policies, strategies and support systems for rural revitalization; Municipal platforms for local strategic development; Local and regional competitiveness; Environmental management frameworks and tools against climate change; and Leveraging Intellectual Property Rights and innovation for local and regional development in Sub-Saharan Africa.

Some of the courses were carried out in cooperation with ONU Habitat ROLAC and others with TAG ID, OAS, Heschel Center for Environmental Learning and Leadership and WIPO.

Some 8 delegations arrived for Professional Tours in Israel in a variety of subjects:

- Local Governments and Civil Society's Role in Local Sustainable Development, Nigeria
- Innovations for water management and dairy farming, including participation in the annual Israeli exhibition on agriculture technology – Agritech, Chile and Uruguay (two delegations).
- Promotion of Value Chain Upgrading in Agriculture, Top executive mission from NABARD, India.
- Cleantech, for Executive Directors of Sanitation, Kenya and Nigeria.

INTERNATIONAL ACTIVITIES:

In 2012 the Weitz Center expanded its international links by participating in the following activities: On-site training on "Integrated Rural Development" in Guatemala (June); Attendance at the "World Urban Forum 6" Conference in Naples (September); and Onsite training sponsored by MASHAV and UN Habitat on Green Growth for Vietnamese leaders in Hanoi and Danang (October).

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

Israeli agriculture is known around the world for its outstanding and efficient use of extremely limited natural resources to attain maximal results. What was once a poor region ranging from largely-rock-covered land to desert sand, with little fertile soil and even less water, has become a flourishing agricultural power. Israel's transformation is an example which gives hope to developing countries: adapting current knowledge and techniques to local conditions can lead to an improvement in production, particularly – but not only – of food for the alleviation of hunger.

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 2200 participants from over 125 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, land and water 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.



Participants in the professional program on Aquaculture: Production and Management

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 in development are a M.Sc. program in Environmental Studies (2014) and B.Sc. degree program in Agricultural Studies for international students.

Three MASHAV international courses took place in 2012, for which participants received MASHAV scholarships:

- Ensuring Food Safety in Times of Global Change
- Biotechnology in Agriculture in a World of Global Environmental Changes
- Aquaculture: Production & Management

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,



Cooperative Leaders from East Africa Study Israeli Development Experiences

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 2012 NISPED conducted the following courses with MASHAV:

- A course on "Cooperating-out of Poverty: Cooperatives and Enterprise Promotion in East Africa" for participants from Kenya, Uganda, Tanzania, Rwanda and Ethiopia in cooperation with the International Cooperative Alliance (ICA) and the Swedish Cooperative Centre (SCC).
- A course on "Opening Doors: Cooperatives and Gender Equality" in cooperation with the International Cooperative Alliance (ICA)

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



Participants in the Course on Police and Community

- 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 2012, over 170 professionals from 12 countries of FSU participated in:

- Two International MASHAV Courses in Israel
- Six tailor-made MASHAV courses for Russian organizations in Israel.
- A Conference in Ulan-Ude, Buratyia Republic, Russia -with the participation of 260 representatives from 64 districts from Russia, invited by the Ministry of Education in Buratyia.

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 RMTTC 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 2012 a total of 23 professionals from around the world participated in RTC training Workshop on Competency Assessment of Aviation Forecasts and Observers.

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.



International Workshop on Competency Assessment of Aviation Forecasts and Observers



Participants on the Course on Municipal Projects for Citizen Security

During 2012 the International Institute conducted eight international courses in cooperation with MASHAV:

- Police and Community (2 courses – one especially designed for Guatemala National Police).
- Municipal Projects for Citizen Security.
- Seminar on Crisis Management Seminar “Acquaintance with the Israel Crisis Preparedness System” – especially designed for participants from Vietnam.
- Trade Unions and Youth Leadership (2 courses).
- The role of the Media for peace and development in areas of conflict (2 courses).

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

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.



Participants in the Renewable Energy course visit a biogas digester in the Negev

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 2012, the Arava Institute offered the first ever MASHAV course on renewable energy titled “Renewable Energy as a Catalyst for Regional Development”. The course was designed to provide an opportunity for mid-level professionals from the public and private sectors to gain knowledge about the basics of renewable energies and how to use renewable energy sources as a means for regional development. Twenty-five participants from sixteen countries took part. The course was coordinated by Dr. Tareq Abu Hamed, Director of the Center for Renewable Energy and Energy Conservation, at the Arava Institute. The program included lectures and hands-on activities, as well as field trips to see technologies and renewable energy installations in action. Participants shared their own professional experiences, networked, and learned methods to apply various solutions to their individual situations in their home countries.

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”. 409 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.



Participants in the ninth International course on Developing and Organizing a Trauma System and Mass Casualty Situation Organization

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 2012 the Teaching Center successfully organized the ninth International course on “Developing and Organizing a Trauma System and Mass Casualty Situation Organization.” Attending the course were 24 physicians, nurses and paramedics from 19 countries including: Belarus, China, Chile, Costa Rica, Colombia, Georgia, Ghana, India, Indonesia, Kenya, Mozambique, Nepal, Philippines, Russia, Thailand, Uzbekistan, Uruguay and Vietnam.

The Hebrew University-Hadassah Braun School of Public Health and Community Medicine

The Hebrew University-Hadassah Braun School of Public Health and Community Medicine has been active in training Israeli and international students in the field of public health for 50 years. During the first decades the Program was under the exclusive sponsorship of MASHAV, and in the last two decades support for scholarships has, in addition, been provided by the Open Society Institute, The Pears Foundation, the Legacy Heritage Foundation, Hebrew University, Hadassah Medical Organization and others. In recognition of our ongoing public health training efforts in Israel and abroad, the World Health Organization designated our School as a WHO Collaborating Centre for Capacity Building in Public Health in 2007.



Participants in the International Master of Public Health (IMPH) Program 2011-2012

To date, more than 750 physicians, nurses, economists, environmental specialists, and other professionals from over 90 countries, and a similar number in Israel, have completed the Master of Public Health (MPH) degree with us.

The International Master of Public Health (IMPH) Program was established in 1970 in order to fulfill the School's mission and share our learned experiences and expertise with health professionals from developing countries. The IMPH Program is scientifically stimulating and culturally rewarding, allowing study and interaction with peers from different professional and cultural backgrounds, in the unique setting of Jerusalem.

The 2011-2012 class comprised 21 students from 16 countries: Cameroon, Canada, Colombia, Ethiopia, Ghana, India, Kenya, Macedonia, Nepal, Nigeria, Russia, South Sudan, St. Lucia, Tanzania, Uganda, and the USA. One student returned home in the middle of the year for medical reasons and was unable to complete the program.

The 2012-2013 class comprises 28 students from 18 countries: Albania, Cameroon, Colombia, Ethiopia, Ghana, India, Israel, Kenya, Nepal, Nevis, Nigeria, Philippines, Russia, South Sudan, Swaziland, Uganda, Ukraine, and the USA, and from the Palestinian Authority.

Individual Professional Training

During 2012 MASHAV's Individual Professional Training Program included:

- A doctor from Ghana conducted a 3 month-long specialization in the field of neonatology at Soroka Hospital, Beer Sheva.
- A doctor from Myanmar conducted a 6-months training in ophthalmology at several hospitals in Israel.

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 2012:

Ecuador

The bi-annual meeting of the Ecuador Shalom Club took place in June in Riobamba with the participation of over 60 MASHAV course alumni from all over the country and in the presence of Israel's Ambassador to Ecuador Eyal Sela and the Embassy's staff. The event included a professional visit to a MASHAV alumni's greenhouse, where Israeli technology is being used in the production of tomatoes; and professional presentations in the areas of teachers' training in indigenous and early childhood education. Following the meeting, the Shalom Club members decided to create a voluntary consulting body to assist in the development of different areas of the country.



Philippines

The Shalom Club member in cooperation with the Israeli Embassy in the Philippines inaugurated in October the first "Shalom Club Park" built in the premises of Central Luzon State University (CLSU), Science City of Munoz, Nueva Ecija. The park will serve as a meeting place for the Club members as they plan new activities.

The Nueva Ecija Shalom Club is one of its biggest and more active chapters in the country. Aside from regular club activities, such as annual tree planting and Christmas community food sharing and gift giving, the chapter is an important source of technical experts to the bilateral project Philippine-Israel Center for Agricultural Training (PICAT).



India

The New Delhi Chapter of the Shalom Club India was officially launched in September at the India International Center in New Delhi, in the presence of over 40 graduates from MASHAV courses and the staff of the Israeli Embassy. During the event, participants were briefed regarding the different MASHAV agricultural programs being carried out in several areas of the country. The new chapter is considering various activities for the coming months.

Paraguay

The Shalom Club Paraguay together with the cultural association "Friends of Israel" organized in April a Solidarity Campaign to the remote indigenous community of Jerusalem. A delegation comprised of members of both associations distributed clothes, school supplies, medicines and food, which were donated by various organizations. This program has been carried out for several years and it will be expanded to include additional vulnerable communities.



Kenya

The re-launching of the Kenyan chapter of MASHAV's alumni Shalom Club took place in May at the Nairobi International Conference Center (KICC), in the presence of the Israeli Ambassador to Kenya H.E. Gil Haskel. During the event, elections were held for a new management board that will lead the Shalom Club in its future endeavors.

Shalom Magazine for the Alumni of MASHAV Training Courses is published once a year in English, Spanish, French, Russian and Arabic, and is sent to all MASHAV's courses former participants around the world. The magazine is a strong link between MASHAV and its graduates worldwide, addressing the many issues that lie at the core of development.



MASHAV's Official Website focuses on international development cooperation issues in general and the ongoing activities of MASHAV in particular, providing access to all MASHAV publications. The website at: <http://mashav.mfa.gov.il> is part of the overall Internet framework of Israel's Ministry of Foreign Affairs.



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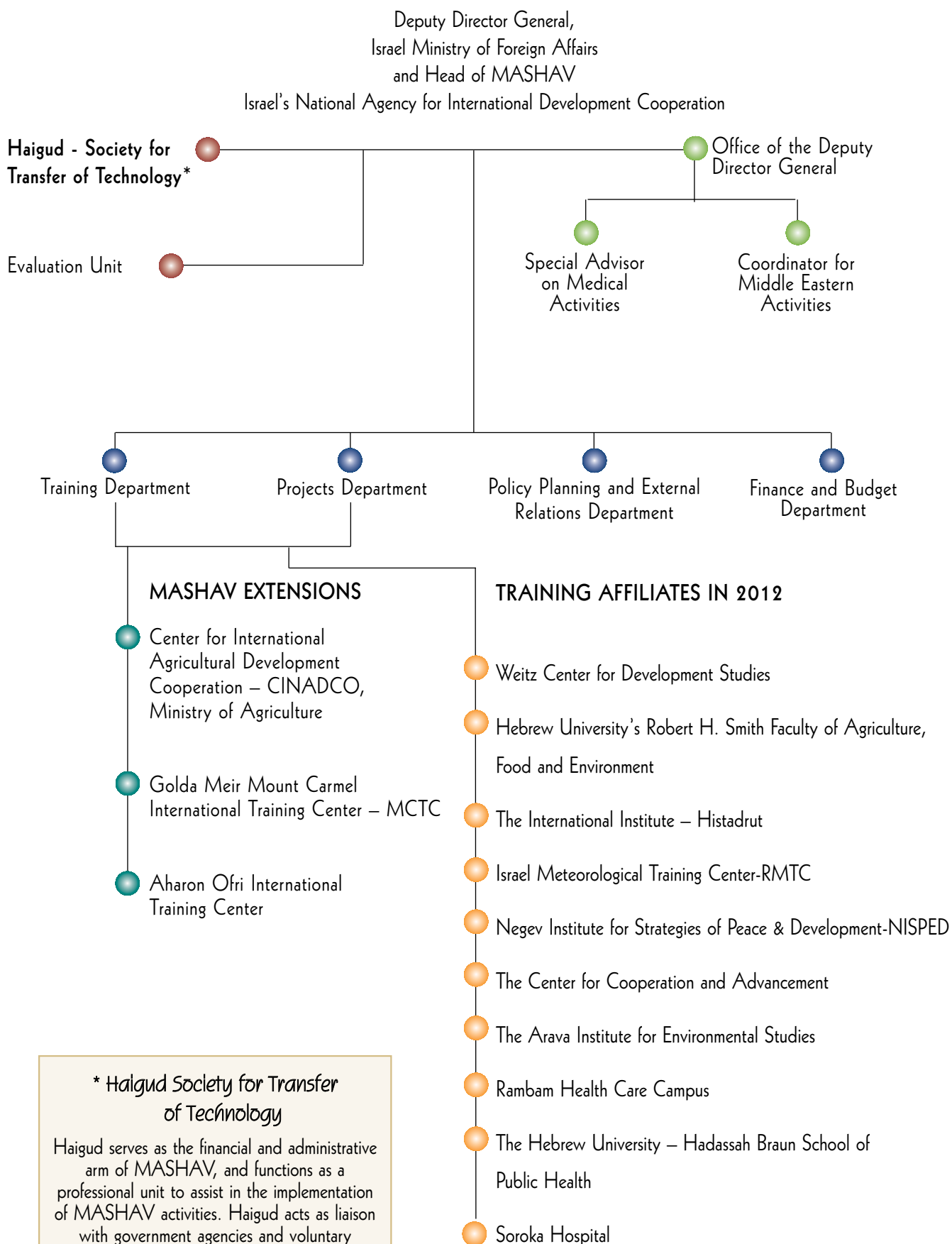


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ORGANIZATIONAL CHART



* Haigud Society for Transfer of Technology

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.



MASHAV

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