MASHAV

Annual Report 2010

Israel's Agency for International Development Cooperation

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MASHAV

Foreword

For the past 53 years MASHAV – Israel's Agency for International Development Cooperation, has been sharing its know-how and experience with developing countries around the world in order to make a difference. Issues of food security, climate change, environment, desertification, water management, rural and community development, empowerment of women, health, education, and human capacity building are high on our agenda. Eradicating extreme poverty continues to be one of the main challenges of our time, and is a major concern of the international community.

As part of our long tradition of Horizontal Partnership, MASHAV is continuously adjusting and creating new programs and forging partnerships to face new challenges. Following this vision, MASHAV has recently signed agreements with many international and U.N. development agencies and partner countries. We aim to share our respective strengths and resources to support initiatives that advance our common goal of eradicating hunger and improving the lives of the world's poor.

These agreements promote professional capacity building, mainly in the field of agriculture in arid and semi-arid areas. In addition they provide more opportunities for further collaboration to address development challenges and improve the livelihood of rural communities; and to boost local and regional economies.

Today, young people from the rural areas are moving to the cities and joining thousands and millions of other youngsters who are looking for employment and opportunities to make a living and improve their standard of life. We have to make sure they have those opportunities at home. They don't have to migrate; they don't have to be poor or to be hungry. They have and can invest – invest energy and effort.

We have to see the youth as entrepreneurs in the agricultural sector. Young women and men who live in rural areas are the world's future farmers, entrepreneurs and leaders. The challenges of meeting future food demand, developing vibrant rural centres and promoting broad-based economic growth in developing countries depend on them. These are compelling reasons to place rural young people and smallholder farmers at the forefront of global strategies for food security, poverty reduction and income growth.

The General Assembly of the UN has adopted for the second time the Israeli initiated resolution on "Agricultural Technology for Development". The resolution, introduced by Israel, with the support of like-minded Member States, supports the use of know-how and technology and the promotion of research and development to increase agricultural productivity and food security in poor rural areas focusing on the smallholder farmer and on women.

In this Report, we present MASHAV's efforts, through its specialized training professional extensions, in promoting development cooperation, human resources development and capacity building, towards the 2015 target date for reaching the Millennium Development Goals. The challenges we face in reaching these goals are significant, yet we are proud that we can contribute our expertise to make for thousands of people the difference between a life of deprivation and suffering and a future of hope and opportunity.

Sincerely,

Ambassador Haim Divon
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 close to 270,000 course participants from approximately 132 countries in Israel and abroad and has developed dozens of demonstration projects worldwide.

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

MASHAV's guiding principles are the following:

- **MASHAV activities focus on areas in which Israel has a comparative advantage and accumulated expertise.** MASHAV believes that our greatest possible contribution to developing countries can be made in fields where Israel has relevant expertise accumulated during its own development experience as a young country facing similar challenges. The list of such fields is extensive, including: water resource management and irrigation, desert agriculture and combat of desertification, early childhood education, rural and community development, emergency and disaster medicine, public health, empowerment of women, and many others.
- **MASHAV's focus is on human capacity building and training.** Our belief is that training of trainers and other capacity building activities is the best way to achieve maximum impact in development activity. Education and the transfer of skills and capacities lead to empowerment – the surest guarantee of sustainable growth.
- **MASHAV operates according to international agreed standards and principles.** Among them, aid effectiveness principles including: demand driven programs (as opposed to supply 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; and the Doha Conference on Financing for Development.

- **MASHAV believes in active consultation with local partners.** For development cooperation to work, it is not enough assist developing countries acquire new technologies and methodologies which have had positive effect elsewhere. The solutions that may work in one culture or geographical area can be inappropriate or even harmful in another environment. Thus, we emphasize the importance of developing local solutions in partnership with local organizations, working jointly to create new ideas or *adapt* ideas to local needs rather than just blindly adopt them.
- **MASHAV's approach to development states that every program must be comprehensive, inclusive and carried out in an integrative fashion.** MASHAV, as part of the implementation of aid effectiveness principles and in order to become more effective and result-oriented; has commenced a process of focusing on ***target countries*** by implementing and endorsing a more comprehensive and holistic approach to meeting all basic human needs.
- **MASHAV prefers small-scale activities aimed at "bottom-up", community-driven development.** MASHAV endeavors to identify relevant micro-project activities that can serve as a catalyst for wider-scale development, targeting the grassroots in many of our activities.
- **MASHAV seeks cooperative projects with other development organizations.** As part of the efforts towards achieving the MDGs, the international community was called to create more partnerships. MASHAV is making a special effort in this direction and offers partnerships in subjects in which Israel has a comparative advantage to development agencies (governmental and non-governmental), international organizations and development banks. MASHAV's experience with such joint projects, often on a cost-sharing basis, has been very positive, broadening the impact of the potential contribution and the efficacy of the projects undertaken.
- **MASHAV believes that development cooperation can and should be used to forge bonds of peaceful cooperation between Israel and its neighbors.** Consequently, MASHAV implements bilateral and regional development cooperation programs with our neighbors and endeavors to be even more active throughout the Middle East, regardless of the political climate.

Spotlight on 2010

Development is a global issue requiring immense attention, resources and political efforts. Guided by the Millennium Development Goals (MDGs) adopted by the UN General Assembly, MASHAV shares the goals set by the international community for greater synergy among donor and partner countries. MASHAV's approach is to ensure social, economic and environmental sustainable development. Since its inception, MASHAV's work in the developing world has been guided by the basic approach that development work is organic in nature. It is impossible to concentrate efforts in one area, such as food security, without providing proper attention to health care, community building and education. Only through a sustainable and comprehensive development program can measured results be obtained and the desired impact felt by those who need assistance the most. As no one country or aid agency can single-handedly tackle the causes leading to extreme poverty, the need to coordinate and combine efforts and resources is essential if the donor community and client countries are to realize the Millennium Developing Goals.

In 2010 MASHAV's activities included a wide spectrum of international partnerships and programs for development. A total of 2,459 professionals from 97 countries participated in 114 courses offered in Israel, while 3,979 took part in 76 on-the-spot courses (in host countries) offered in a total of 38 countries. MASHAV experts were dispatched throughout the world on 130 short-term consultancies and humanitarian medical missions to 43 countries, and eight long-term experts were serving on MASHAV demonstration projects around the world in a total of six countries. MASHAV hosted 17 professional delegations, and organized and participated in an impressive number of international conventions.

The following are highlights of some of MASHAV's activities in the year 2010.

President of the State of Israel Addresses UN Millennium Development Goals Summit

The President of the State of Israel, Shimon Peres, addressed the UN Millennium Development Goals Summit held in New York, in August 2010. In his speech, President Peres stated that: "We are committed to the Millennium Development Goals. We share the burden of saving the world from war and hunger. Without peace, poverty will remain. Without food, peace will not prevail. Statesmen have to mobilize political power to achieve peace. Scientists can enable the land to produce more food. We developed an agriculture based on science. Our farmers produce eight times as much per acre compared with the nation's early days. The need for water has been cut in half. We employed desalination, recycling, drip and electronic irrigation and bio-engineering to create new seeds and richer crops. Five decades ago, an Israeli farmer produced food for 15 persons. Today, he produces for 120. The farmer's contribution to the GDP equals that of a high-tech engineer. To cultivate land, you have to cultivate education and improve health.

"So we introduced free compulsory education for all, from age five to 18. It put an end to illiteracy and provided us with the highest proportion of scientists per square mile in the world. The national health-care system provides world-class treatment for every citizen. We are also one of the few countries in the world that entered the 21st century with more trees than it had when it entered the 20th century. I am confident that our path is available to everyone. Our experience is replicable. We are ready to share our experience as we did already with many countries, both through UN agencies and bilaterally. Our call includes also nations that don't have diplomatic ties with us."

Israel's Official Development Assistance (ODA)

The ODA consists of the Funds for Development Cooperation extended by governments to developing countries or for international development efforts. A significant proportion of the Israeli ODA is aimed at promoting sustainable development particularly through human capacity building programs. In 2010, the State of Israel's Official Development Assistance Program amounted over 140 million US dollars. This data includes funding through bilateral and multilateral development cooperation programs, funding transferred to the international financial institutions and humanitarian assistance. The State of Israel's international development cooperation program, as implemented by MASHAV, is carried out with the aim of reducing poverty; contributing to the achievement of the Millennium Development Goals; and supporting sustainable growth. Although a small player in the international assistance arena, MASHAV is considered a significant contributor to sustainable development through human capacity development.

FM Avigdor Liberman Addresses MASHAV Course Participants

Deputy Prime Minister and Minister of Foreign Affairs Avigdor Liberman arrived in Haifa in August 2010 for an official visit to The Golda Meir Mount Carmel International Training Center (MCTC). FM Liberman attaches great importance to Israel's development assistance program being carried out by MASHAV. During his visit, the Minister met with the participants at the MCTC workshop on "Women Entrepreneurs and Information and Communication Technologies (ICTs)", held in cooperation with the United Nations Economic Commission for Europe (UNECE). Twenty-three participants, from Belarus, Georgia, Kazakhstan, Kyrgyzstan, Russia, Tajikistan and Uzbekistan attended the workshop. The guest lecturer was Ms. Malinka Koparanova, UNECE's Senior Social Affairs Officer and Gender Focal Point, Office of the Executive Secretary.

Establishing Burns Center in Eastern Congo

MASHAV, together with the Israeli nonprofit aid organization Moriah Africa and the Los Angeles-based Jewish World Watch Organization, joined hands to establish a Burns Center in the Democratic Republic of Congo, the first ever established in Eastern Congo. Working together with Israel's Rambam and Soroka hospitals, the medical exchange effort will bring expertise and initiative together for the purpose of expanding the surgical skills level and for creating a center for reparative plastic surgery for the Congolese population.

MASHAV Completes ER Construction in Kisumu, Kenya

MASHAV experts, together with a team of 10 Israeli engineers, completed the construction of a fully equipped Emergency Room (ER) at Kisumu East District Hospital, the first ever in Kenya's third largest city. This ER will serve as the center for the city's emergency response, as well as a center for multiple training for medical professionals. Beyond donating and actually building this state-of-the-art facility, MASHAV sent

Israeli specialists to train local medical professionals in emergency medicine. The local professionals gained essential knowledge and the clinical skills necessary to facilitate advanced decision-making while treating acute and critically ill patients. These skills will enable Kisumu's medical professionals to better respond to emergencies and traumas, significantly improving the level of care available in the city and its periphery.

Promoting Economic Cooperation: Public-Private Partnership

As part of its activities, MASHAV acts as a liaison for the inclusion of the private sector in its assistance activities, promoting the integration of Israeli companies and technologies in the various projects carried out in Israel and overseas. Within this framework, MASHAV organized in 2010 an extensive series of professional visits for delegations from overseas incorporating the relevant Israeli industries.

International Partnerships

Israel Officially Joins OECD

Israel has officially become the 33rd member state of the Organization for International Cooperation and Development (OECD). In signing the OECD Convention, Israel pledged its full dedication to achieving the organization's fundamental aims. OECD recognized Israel's achievements, economic strength and ability to contribute to the organization and to the world's economy. Becoming a member state of the OECD will lead to economic advances and enhance Israel's image, as well as improve the functioning of various sectors in Israel's society and economy, including in the fields of environment, education and employment.

OECD Anti-Bribery Convention: According to Israel's obligations as a member of the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions, the Ministry of

Foreign Affairs is committed to act in accordance with the Convention, ensuring that it is implemented at all levels and at all diplomatic missions. Within this framework, in June 2010 MASHAV's Director of Planning and External Relations delivered a presentation during a special gathering of MASHAV's training centers and affiliates, to increase awareness of the Convention.

Cooperation between Israeli and Turkish Rescue Units

A delegation including 10 professionals from AKUT, the Turkish Rescue Unit, arrived in Israel in April 2010, to train together with members of Israel's Arava Search and Rescue Unit. This special program, under MASHAV's auspices, was held within the framework of a cooperation program existing between the two units, which includes the exchange of professional knowledge and training in rescue techniques in the face of natural disasters. Cooperation activities take place three times a year both in Turkey and in Israel.

Israel-Brazil Cooperation in Disaster Management

MASHAV, in cooperation with the Israeli Embassy in Brazil, the Brazilian Agency for Cooperation (ABC), and the Federal Military Firefighters Corps (CBMDF), conducted in November 2010 in Brasilia a specially designed course on "Forces Mobilization, Recruitment and Response in the Face of Emergency Situations."

More than 60 Brazilian professionals participated in the course, which covered topics such as disaster management and triage, and included simulation of possible scenarios.

Seminars and Conventions

The First Israeli International Conference on Healthcare System Preparedness and Response to Emergencies and Disasters (IPRED)

In order to provide an opportunity for professionals from around the world to share the latest findings and new experience regarding health system readiness for disasters and emergencies of all types, the Israeli Ministry of Health and Home Front Command, in cooperation with MASHAV, organized the IPRED Conference in January 2010. IPRED provided a platform for the exchange of ideas, experiences and lessons learned about preparedness and response to emergencies and disasters, and an opportunity for networking and promoting the potential for international research collaboration in the field of emergency and disaster medicine.

Global Climate Change Seminar

A Seminar on "Israel's Preparations for Climate Change" took place at the Ministry of Foreign Affairs in January 2010. The seminar was jointly organized by MASHAV and the Training Bureau of the Ministry of Foreign Affairs, in cooperation with the Ministry of Environmental Protection. Topics at the seminar included reducing greenhouse gas emissions, the implications for the energy industry and the local economy, and uniquely Israeli aspects of coping with the problem in the fields of research, technology and business.

Israeli Delegation Addresses IFAD's Governing Council

The 33rd session of Governing Council of IFAD, the International Fund for Agricultural Development, took place in February 2010 in Rome. MASHAV's Director of Policy Planning and External Relations Department addressed the forum, stating that: "As the title of the meeting today says, we have witnessed many summits, meetings and international resolutions and commitments. Now is time to make a difference and implement those commitments for the good of smallholder farmers and the rural poor. The solutions are in our hands: technology, R&D, technology transfer and know-how; capacity building, empowerment and good farm management are part of the way forward. We have now to implement them."

Marking World Water Day and the Presentation of the World Bank Development Report

A special seminar marking World Water Day was held in Israel in March 2010, following a close cooperation between MASHAV, the Water Authority and the Ministry of National Infrastructures. During the seminar, the World Bank Development Report (WDR) 2010 on Development and Climate Change was presented by leading World Bank representatives. The special event ended with a visit to the recently opened Hadera Desalination Plant. The plant, considered the largest of its kind in the world and Israel's third desalination plant, is now transferring desalinated seawater to the system of Mekorot, Israel's national water company.

Israeli Delegation Participates in the Fifth World Urban Forum

UN-HABITAT and the Government of Brazil hosted the World Urban Forum (WUF) fifth session in Rio de Janeiro in March 2010. The Israeli delegation, including representatives from MASHAV; Kisumu's Municipal Council, Kenya; the Weitz Center for Development Studies, Israel; and strategic planning and development consultants, organized two special activities: a side event on "Municipal Platforms for Local Strategic Development" and a training event on "How to Leverage Local Assets for Strategic Local Development – Establishing a Municipal Strategic Planning Unit (MSPU)." Both activities were presented by Israeli and Kenyan facilitators.

The UN Commission on Population and Development

The 43rd annual meeting of the UN Commission on Population and Development (CPD) was held in April 2010, and focused on the issue of "Health, Morbidity, Mortality and Development." Israeli Ambassador Daniel Carmon, Deputy Permanent Representative, acted as Chairman of the Commission. Two leading Israeli experts offered statements regarding the importance of such issues to sustainable development.

MASHAV-CICA Seminar on Advanced Water Management for Agricultural and Urban Use

The Conference on Interaction and Confidence Building Measures in Asia (CICA) is a multinational forum for enhancing cooperation towards promoting peace, security and stability in Asia. The seminar on "Advanced Water Management for Agricultural and Urban Use" with the participation of representatives from nine member states of CICA (Korea, Thailand, India, Kazakhstan, Uzbekistan, Tajikistan, Turkey, Jordan, Israel) and from the CICA Secretariat, took place in Israel in May 2010. The seminar was organized by MASHAV and CINADCO, the Center for International Agricultural Development Cooperation with the aim of bringing together representatives from CICA member states, both at the political and professional level, to share national experiences and exchange views on common challenges, innovative technologies and effective instruments for water management issues.

MASHAV and InWent Seminar on Aid Effectiveness

The first joint seminar between MASHAV and InWent, the German Aid Agency, took place in June 2010 at MASHAV's International Training Center in Shefayim. MASHAV and InWent development experts introduced their respective organizations and discussed different approaches of aid effectiveness. German Federal Minister of Economic Cooperation and Development Dirk Niebel, who was visiting Israel at the head of a large delegation at the time, joined the seminar and greeted the participants.

German Federal Minister of Economic Cooperation and Development Dirk Niebel (left) and Ambassador Haim Divon, Head of MASHAV, during the joint seminar

MASHAV DevCom Seminar

A seminar entitled "Maximizing Outcomes with Minimum Resources for Development Communication," jointly organized by MASHAV and DevCom, the Informal Network of DAC Development Communicators, whose secretariat is hosted by the OECD Development Centre, took place at the Golda Meir Mount Carmel International Training Center in Haifa in June, 2010. Participants were encouraged to bring examples of good practice

and share their perspectives on development communication with limited resources, and case studies were presented from Poland, Spain, Slovakia, Estonia, Slovenia and the Czech Republic.

Marking World Development Information Day

MASHAV in cooperation with civil aid organizations in Israel organized in October 2010 a special conference to mark World Development Information Day. The conference was held at Israel's Ministry of Foreign Affairs and included participation of representatives from civil society, government ministries, the business sector, academia and the media. This was the first time a conference of this sort was held in Israel, and was a reminder of Israel's commitment to participate in the international efforts to achieve the Millennium Development Goals. Following the conference, a festive evening was held at the Israeli Ministry of Foreign Affairs in the presence of Israeli Minister of National Infrastructure Dr. Uzi Landau and the Foreign Diplomatic Corps for over 250 professionals from all over the world, who were participating in MASHAV professional training courses at the time.

Deputy FM Ayalon Addresses Roundtable on Health and Education at UN MDG Summit

Deputy FM Danny Ayalon addressed the Roundtable on Health and Education at the UN Summit on the Millennium Development Goals in October 2010. During his address he stated that: "This meeting recognizes the inherent linkage between health and education, as well as the need to streamline policy coherence between these two sectors. At the highest levels, the Government of Israel remains committed to the achievement of the MDGs. Such work affirms the timeless value of *tikkun olam*, a Jewish principle that mandates us to better our surroundings, to repair the world."

Symposium on Education towards Sustainable Development

The Ofri International Training Center organized and hosted in November 2010 an International Symposium on Education towards Sustainable Development (ESD) – A Window to Innovations in Education. ESD is a multifaceted and dynamic field based on multi- and interdisciplinary thinking and action, so as to come up with solutions for complex environmental and social problems that involve different systems at the individual and community levels. Participants included Deputy Ministers of Education, General Directors of Education Ministries, and high-level educational professionals.

International Conference on Drylands, Deserts and Desertification

The Third International Conference took place at Ben-Gurion University of the Negev, Sde Boker Campus, in November 2010 in cooperation with MASHAV and the United Nations Educational, Scientific and Cultural Organization (UNESCO). This important global gathering brought together scientists, field workers, industry, government, NGO and international aid agency officials from more than 50 countries, concerned about land degradation and development. More than 120 participants in four MASHAV international seminars (in English, Spanish, French and Russian) held in cooperation with the Jewish National Fund (KKL-JNF) at CINADCO's International Training Center in Kibbutz Shefayim, attended the conference, which was followed by a tree-planting ceremony.

Partnership for Development

A key component in today's concept of international development cooperation – one which finds expression in the Paris Declaration on Aid Effectiveness and the Millennium Declaration 2000 – 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 among donor and partner countries. Towards this end, MASHAV has signed agreements in partnership with governments, civil society, international organizations and Jewish organizations in order to achieve maximum coordination of international development activities.

The following are some of the agreements MASHAV signed with international partners in 2010:

Israel and Germany Sign Memorandum of Understanding

Israeli Deputy Foreign Minister Danny Ayalon and German Minister for Economic Cooperation and Development Dirk Niebel signed an MOU in Berlin in January 2010, regarding development cooperation with emphasis on water and agriculture. Following the cooperation agreement signed between the two parties in March 2008, the Israeli Ministry of Foreign Affairs through MASHAV and the German Federal Ministry for Economic Cooperation and Development (BMZ) will join forces to contribute to the achievement of the Millennium Development Goals by enhancing cooperation in the Middle East, Africa and Central Asia with particular emphasis on water management, agricultural development and public health.

Within this framework, an MOU was signed between **Israel-Germany and Ghana** in December 2010, to strengthen Ghana's agricultural sector focusing on citrus production, including development of agro-technologies and transfer of know-how.

MASHAV and UNWFP Sign Memorandum of Cooperation in Nepal

The United Nations Food program (WFP) and MASHAV signed in February 2010 a Memorandum of Cooperation (MOC) in the field of Water Management, including Irrigation and Drinking Water Systems. The MOC aims at providing a framework for collaborative efforts on international program and activities by identifying areas of common interest and priorities based on Nepal's development strategies. This framework of cooperation includes enhancing capacity building programs and the strengthening of institutional capabilities.

Israel-OAS Sign MOU

Israel and the Organization of American States (OAS) signed a MOU consolidating decades of development cooperation. The agreement signed in May 2010 at OAS headquarters in Washington pledges to advance existing collaboration on education, environment, economic and social development, poverty, gender equity, disaster prevention and relief, agriculture, security and combating terrorism, and crisis management. Israel has operated in the OAS sphere since at least 1972, when it was granted permanent observer status, and offers a number of fellowships and training programs for Latin Americans. Israeli Ambassador to Washington Michael Oren signed the memorandum with OAS Secretary General José Miguel Insulza.

Israel and Italy Sign Cooperation Agreement

Promoting their bilateral relationship, the Governments of Israel and Italy signed in May 2010 a cooperation agreement to further the international community's efforts to promote poverty reduction and sustainable development in Africa, within the framework of the Millennium Development Goals.

FAO/SFE and MASHAV sign MOU for International Development Cooperation

The Food and Agriculture Organization of the United Nations (FAO) Sub-regional Office for Eastern Africa (SFE) and MASHAV signed in Addis Ababa in July 2010 a Memorandum of Understanding (MOU) to promote technical collaboration and the development of capacity building strategies in East Africa's Sub-Region. The agreement between the two organizations was signed by FAO Sub-regional Coordinator for Eastern Africa Mr. Mafa E. Chipeta and Head of MASHAV Ambassador Haim Divon.

The MOU was signed following an overall agreement of cooperation, which was endorsed in November 2008 in Rome with the aim of assisting developing countries to reach their Millennium Development Goals, through the implementation of a joint project focused on capacity building.

Photo: OAS

OAS Secretary General José Miguel Insulza and the Ambassador of Israel to the United States, Michael Oren, sign the MOU.

FAO/MASHAV signing ceremony

Agricultural Agreement between Israel and China's Heilongjiang Province

Deputy Foreign Minister Danny Ayalon and Heilongjiang Governor Du Jiahao signed an agricultural cooperation agreement between MASHAV and Heilongjiang province, in Jerusalem in September 2010. The agreement relates primarily to assistance in establishing dairy demonstration farms.

MASHAV and WFP Sign MOU for Cooperation in Armenia

A Memorandum of Understanding was signed in December 2010 between the United Nations World Food Program (WFP), and MASHAV to cooperate in Armenia's School Feeding Project. Also participating in the project is the Russian Foreign Aid Agency, marking MASHAV's first ever cooperation with the agency. The School Feeding Project will provide a nutritionally balanced meal for 50,000 primary schoolchildren in six of the country's most vulnerable and food-insecure regions. Within this framework, MASHAV will provide funding for professional capacity building programs in the areas of education, health and nutrition to assist in the development of a sustainable school feeding program.

MASHAV-UNICEF-UNESCO-Save the Children Cooperation in Nepal

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 with special focus on ECED.

Regional Cooperation

Cooperation with countries of the region and with the Palestinian Authority is a priority. MASHAV places emphasis on forging partnerships with government ministries, 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. Programs are conducted bilaterally as well as within a multilateral framework.

Following is a short overview of some of the joint activities which took place in 2010.

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, is well into its second five-year phase. The program is comprised of six main subjects of agricultural development and is governed by a semi-annual steering committee with representatives of all partners. This unique program is being carried out under the sponsorship of the Danish International Development Agency (DANIDA), and encompasses a number of topics in the field of agriculture: small ruminants, dryland agriculture, saline and marginal water resources, post-harvest technology and marketing, and aquaculture. The program was established in 2000, and has been successfully carried out even during times of regional tensions. It includes on-site and regional training programs, meetings between experts, joint applied research, publication of guidelines and participation in international conferences.

During 2010, some 109 participants took part in regional courses that were conducted in Israel on Low Cost Fodder, Dryland Agriculture, Post-Harvest and Marketing, Marginal Water and Small Ruminants. Eleven meetings of partner experts were held, as were two meetings of the Program's Steering Committee. A third phase, for the years 2011-2013, was approved by the Danish government.

Humanitarian Assistance

Israel is often called upon to dispatch aid to countries in the wake of earthquakes, floods, famine and other natural disasters. MASHAV is the body responsible for coordinating Israel's official humanitarian assistance program. In these cases, MASHAV is able to use its vast experience in crisis response in order to rapidly dispatch needed supplies, medicines, and medical assistance to countries in crisis.

Following are some of MASHAV's humanitarian assistance missions which took place in 2010:

Haiti: Following the devastating earthquake that hit Haiti, an emergency Israeli delegation comprised of medical and search-and-rescue personnel arrived in Port-au-Prince in January 2010 and set up a field hospital in a soccer field near the airport. The field hospital included 40 doctors, 25 nurses, paramedics, a pharmacy, a children's ward, a radiology department, an intensive care unit, an emergency room, two operating rooms, a surgical department, an internal department and a maternity ward. The hospital was

able to treat approximately 500 patients each day, and in addition perform preliminary surgeries.

MASHAV is in the process of establishing a Trauma and Emergency Unit in a hospital in Cap-Haïtien, including provision of medical equipment and training of the local medical staff. In November 2010, the Israeli Ministry of Foreign Affairs through MASHAV shipped over 200,000 doses of medication against the cholera outbreak. A primary care clinic, established in the city of Leogane, following cooperation between MASHAV, Sheba Medical Center and the Israeli NGO IsraAID, took part in the efforts to stop the cholera epidemic.

Maldives: A team of MASHAV experts headed by MASHAV's medical advisor arrived in the Maldives in January 2010 to conduct a professional training program on emergency preparedness, with the purpose of transferring Israeli know-how in the field of emergency relief, while practicing different models of reaction to various scenarios. During the two-week course Israeli and Maldivian professionals developed joint protocols for all relevant agencies to follow in times of emergencies.

In December 2010, a delegation of ophthalmologists from the Israeli NGO "Eye of Zion" organized by MASHAV, the Joint Organization and the Israeli Embassy in New Delhi, arrived in the Maldives to

perform sight-restoring procedures. During their mission, the Israeli doctors treated over 700 patients in Male' and other island hospitals. During their mission, the Israeli doctors met with the President of the Maldives, Mohamed Nasheed.

Micronesia and the Marshall Islands: In June 2010, a team of four leading Israeli ophthalmologists arrived in Micronesia and the Marshall Islands to perform cataract, oculoplastics and sight-restoring surgical operations with emphasis on diabetes complications. The two-week mission was jointly organized by MASHAV and Israeli NGO "Eye from Zion." During their stay the doctors performed more than 100 procedures, and demonstrated surgical techniques to local medical teams.

Moldova: The Israeli Ministry of Foreign Affairs through MASHAV responded to Moldova's Prime Minister Vladimir Filat's request for aid, sending an urgent shipment of blankets and tents to Moldova following the heavy rains and floods which hit the country leaving thousands of people homeless. The emergency assistance is a testimony of the cooperative relations existing between the two countries.

Uzbekistan: In mid June 2010, tens of thousands of people were displaced inside Kyrgyzstan as well as across the border into Uzbekistan, victims of conflict between two ethnic communities. Following an official request for international assistance, MASHAV dispatched humanitarian aid including medications, hygiene products and baby equipment. Israel's Ambassador to Uzbekistan, coordinated and delivered the humanitarian aid to the Uzbek-Kyrgyz border for further distribution among the refugees.

Albania: Following the devastating floods which hit Albania in December 2010 and the subsequent call for help from the Albanian Government and NATO, Israel's Ministry of Foreign Affairs through MASHAV delivered 307 family-sized tents to aid the thousands of people who needed to be evacuated from the affected areas. Rain and melting snow caused the worst floods in Albania in almost half a century, with some 2,500 homes having to be evacuated from the northwestern and western regions of the country.

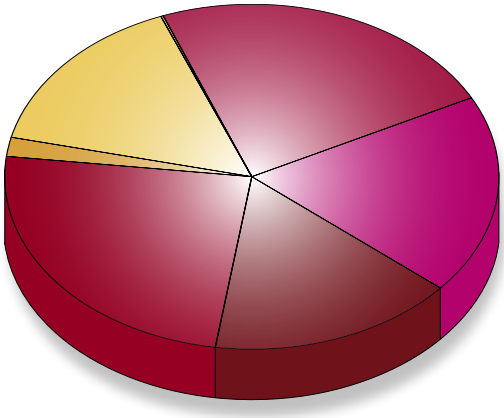
Colombia: An Israeli Jumbo plane arrived in Bogota in December 2010, carrying 55 tons of humanitarian aid for hundreds of thousands of people affected by the severe winter floods which hit Colombia. The shipment included tents, mattresses, blankets, food and medicines to address the emergency situation.

Participants in Israel: 2,459

In 114 Courses and Individual Training from 97 countries

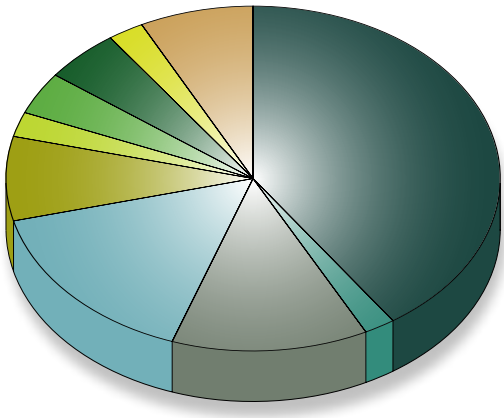
According to Region

Africa	(35 countries)	572
Asia and Oceania	(14 countries)	461
Central Europe & Eurasia	(20 countries)	398
Latin America & the Caribbean	(20 countries)	603
Mediterranean Basin and the E.U	(5 countries)	44
Middle East &North Africa	(2 countries)	377
North America	(1 country)	4



According to Subject

Agriculture	994
Communication	50
Community Development	316
Education	387
Gender Issues	194
Medicine and Public Health	57
Regional Planning	98
Rural and Urban Development	122
Science and Technology	58
Small and Medium Enterprises	183

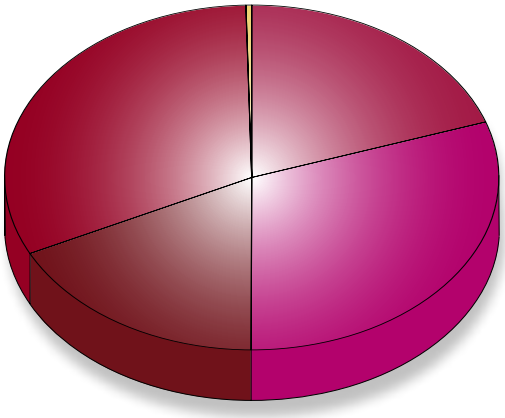


Participants in Courses Abroad ("On-The-Spot"): 3,979

In 76 courses in 38 countries

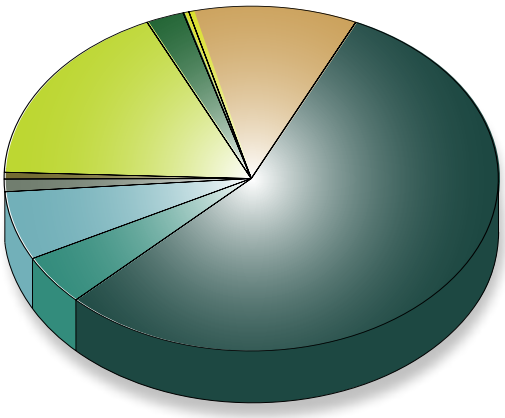
According to Region

Africa	(13 countries)	787
Asia & Oceania	(5 countries)	1,204
Central Europe & Eurasia	(4 countries)	704
Latin America & the Caribbean	(15 countries)	1,269
Middle East & North Africa	(1 country)	15



According to Subject

Agriculture	2,213
Community Development	189
Education	257
Gender Issues	47
Management	25
Medicine and Public Health	696
Rural and Urban Development	99
Science and Technology	15
Small and Medium Enterprises	438

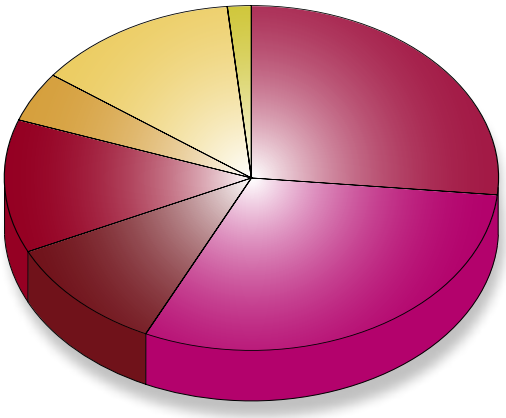


Short-Term Consultancies Abroad: 130

In 43 countries

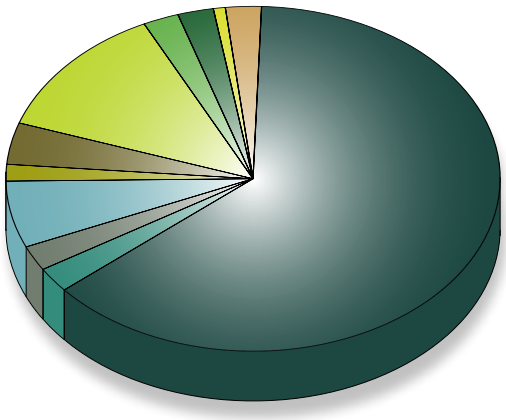
According to Region

Africa	(11 countries)	34
Asia & Oceania	(8 countries)	40
Central Europe & Eurasia	(8 countries)	15
Latin America & the Caribbean	(9 countries)	16
Mediterranean Basin and the E.U	(4 countries)	6
Middle East and North Africa	(2 countries)	17
North America	(2 countries)	2



According to Subject

Agriculture	81
Communication	3
Community Development	3
Education	8
Gender Issues	2
Management	5
Medicine and Public Health	18
Regional Planning	3
Rural and Urban Development	3
Science and Technology	1
Small and Medium Enterprises	3

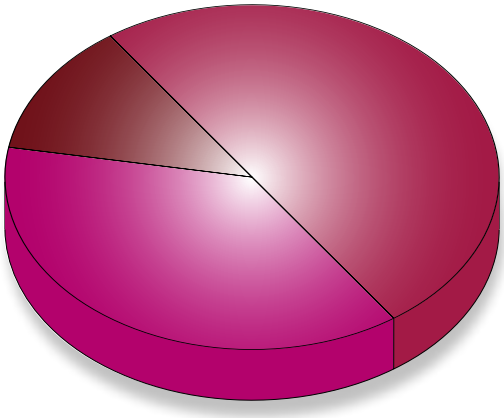


Long-Term Consultancies Abroad: 8

In 6 countries

According to Region

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



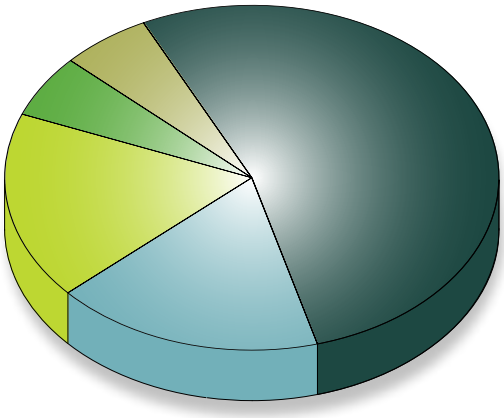
According to Subject

Agriculture	8

Professional Delegations in Israel: 17

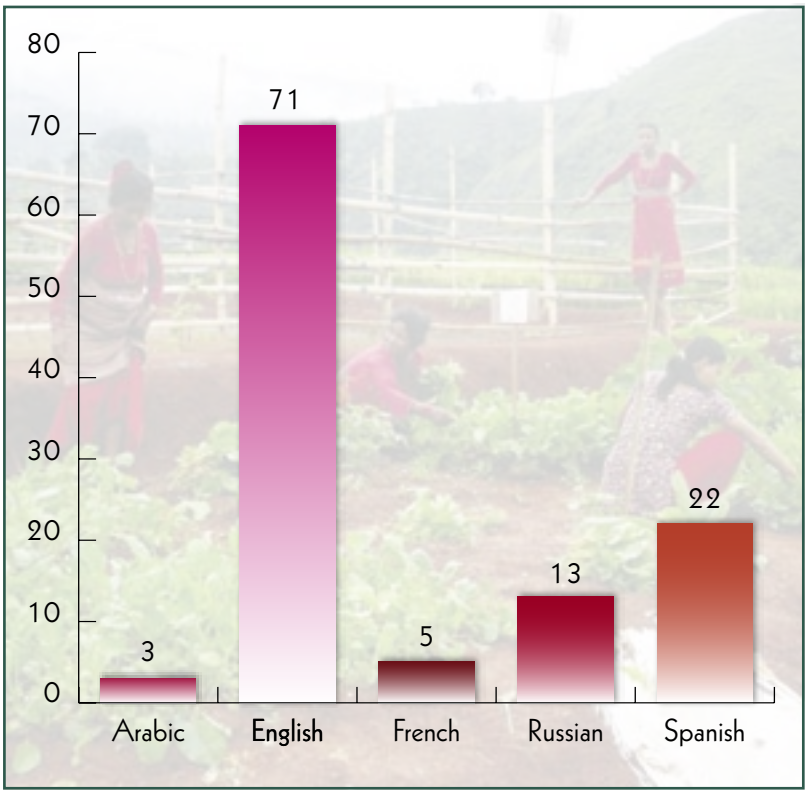
According to Subject

Agriculture	9
Education	3
Medicine and Public Health	3
Regional Planning	1
Rural Tourism	1



Courses in Israel: 114

According to Language



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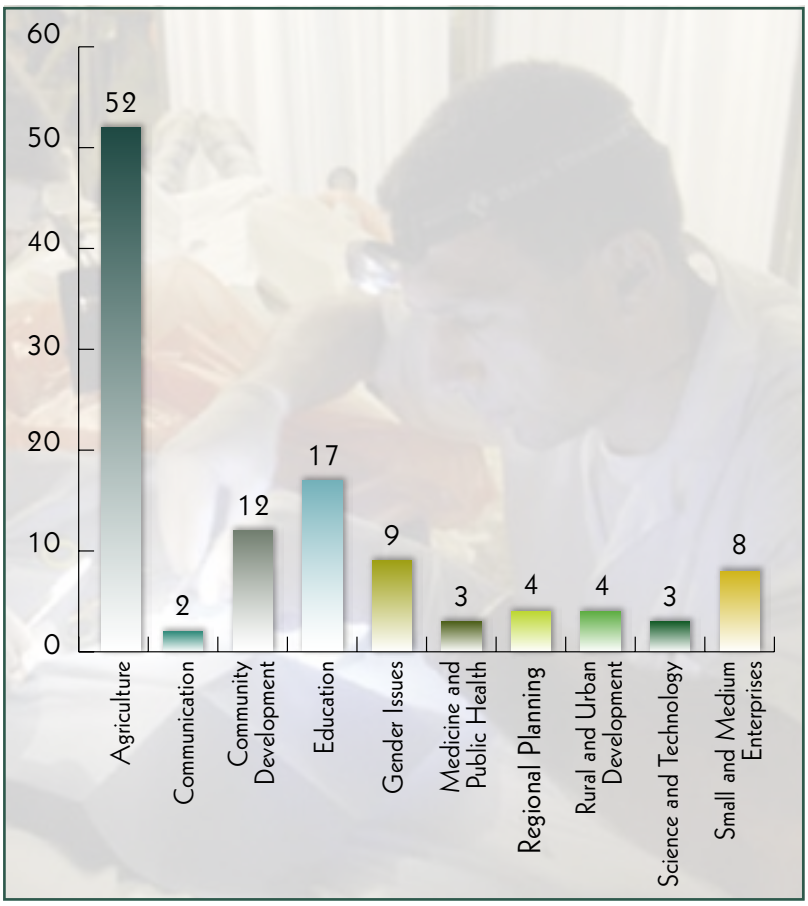
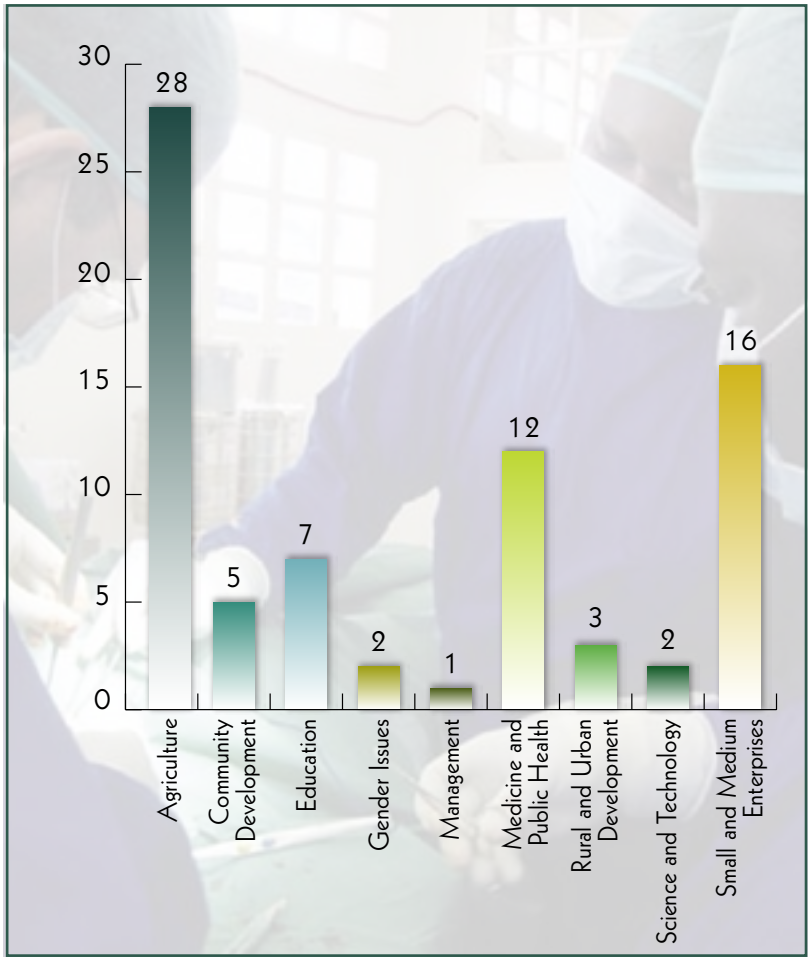
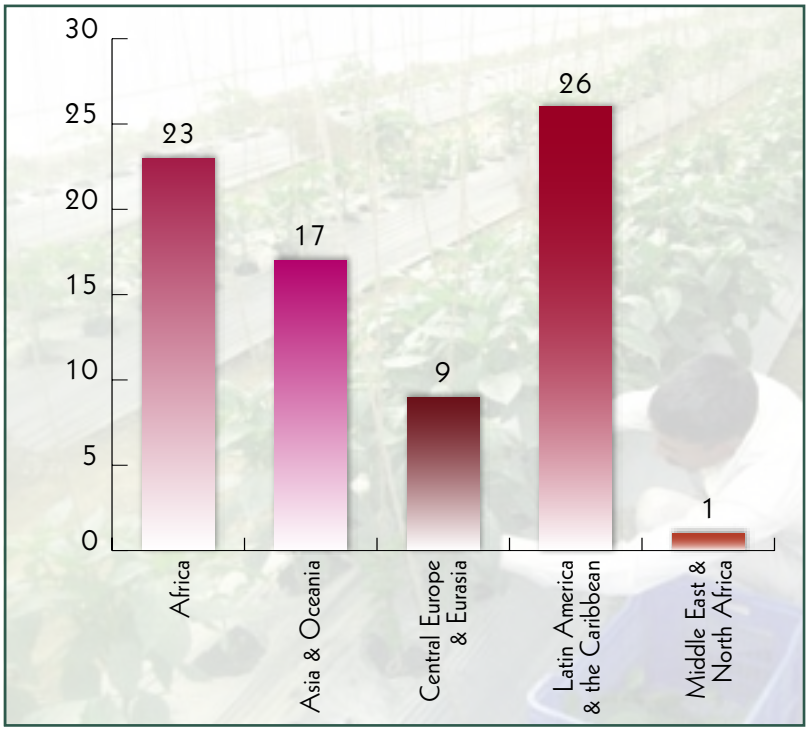


Courses Abroad: 76

According to Subject



According to Region



MASHAV around the World

MASHAV activities in Partners countries in 2010

Angola

Total Number of Participants	**2**
Agriculture	1
Gender Issues	1

Benin

Total Number of Participants	**3**
Community Development	1
Gender Issues	1
Small and Medium Enterprises	1
On-the-Spot Courses	**1**
Agriculture	1
Total Number of Participants	**38**
Short-Term Consultancies	**2**
Rural and Urban Development	1
Small and Medium Enterprises	1

Botswana

Participants in Israel	**3**
Education	3

Burkina Faso

Participants in Israel	**13**
Agriculture	8
Education	2
Community Development	3
On-the-Spot Courses	**1**
Community Development	1
Total Number of Participants	**32**
Short-Term Consultancies	**1**
Agriculture	1

Burundi

Participants in Israel	**10**
Agriculture	5
Education	1
Community Development	3
Communication	1

Cameroon

Participants in Israel	**59**
Agriculture	42
Education	3
Regional Planning	1
Community Development	5
Rural and Urban Development	2
Gender Issues	3
Small and Medium Enterprises	3
On-the-Spot Courses	**1**
Agriculture	1
Total Number of Participants	**35**

Cameroon

CEMAC-MASHAV Cooperation

Following a professional visit in 2009 of the Permanent Secretary of The Central Africa Inter-State Pesticides Committee (CPAC), a sub-regional inter-state body in charge of pesticide registration, MASHAV designed a professional course of Registration and Identification of Pesticides for high level professionals from each of CEMAC's (Central African Economic and Monetary Community) Member States. Cooperation between the parties continued in 2010 for the establishment of a professional laboratory for pesticides registration in Douala.

Central African Republic

Participants in Israel	**3**
Community Development	1
Small and Medium Enterprises	2

Cote d'Ivoire

Participants in Israel	**13**
Agriculture	4
Gender Issues	4
Small and Medium Enterprises	4
Communication	1

Democratic Republic of Congo

Participants in Israel	**1**
Community Development	1
Short-Term Consultancies	**1**
Medicine and Public Health	1

Establishing Burn Center in Eastern Congo

MASHAV, together with the Israeli nonprofit aid organization Moriah Africa and the Los Angeles based Jewish World Watch Organization, joined hands to establish a Burn Center in the Democratic Republic of Congo. The burn center is the first ever established in Eastern Congo. Working together with Israel's Rambam and Soroka hospitals, the medical exchange effort will bring expertise and initiative together for the purpose of expanding the surgical skills level and for creating a center for reparative plastic surgery for the Congolese population.

Africa

Equatorial Guinea

Participants in Israel	**2**
Regional Planning	2

Ethiopia

Participants in Israel	**95**
Agriculture	47
Medicine and Public Health	20
Education	5
Regional Planning	2
Rural and Urban Development	4
Gender Issues	17
On-the-Spot Courses	**1**
Agriculture	1
Total Number of Participants	**45**
Short-Term Consultancies	**12**
Agriculture	8
Education	1
Community Development	2
Management	1
Long-Term Consultancies	**2**
Agriculture	2

Ethiopia

USAID-MASHAV-MoARD Cooperation to Assist the Development of Ethiopia's Agriculture

The joint program focuses on the development of horticultural plant propagation in Ethiopia through nursery cultivation and tissue culture propagation. This goal is achieved by introducing and supplying improved facilities, equipment and materials as well as intensive capacity building activities. The joint program demonstrates large-scale plant production with timely production planning and quality control inspections. The program's nurseries produce high yielding and internationally marketable varieties of avocado, citrus and mango. Various rootstocks are introduced for adaptation to different soil and water conditions and for tolerance to soil-born diseases. The program upgrades small tissue culture research laboratories into semi-commercial scale production of pineapple, banana, potato, enset, vanilla, cassava, coffee, and more. Through collaboration with other international and national aid agencies the Joint Technical Program's scope will increase to cover additional aspects of fruit tree and vegetable cultivation. This will enable empowerment of small holders through addressing horticultural production from A to Z in a coordinated and resources-saving manner thus overcoming the inconclusive character of a single aid program. The program's Steering Committee met in Ethiopia in July 2010.

MASHAV-Ethiopia-GTZ Germany Tripartite Agricultural Project

In June 2009, Ethiopia, Israel, and Germany launched a three-year tripartite agricultural development project, to enable Ethiopia to enhance small-scale irrigation development activities in different parts of the nation. Expected to benefit over 1,000 farmers, the project is being implemented in the regions of Amhara, Tigray, Oromia, and South Ethiopia Peoples' States. The project complements the government's efforts geared toward ensuring food security and self-sufficiency. In 2010 activities included, among others, a first meeting of the steering committee in Ethiopia, as well as establishing criteria for selection of watersheds for intervention and selecting the 12 watersheds to be included in the project, a survey and assessment of needs at the selected watersheds by Israeli Experts, and an institutional assessment on treated wastewater use for irrigation.

Joint Program with Save the Children Norway

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

MASHAV-Millennium Village Initiative Cooperation in Mekelle

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

Gambia

Participants in Israel	**5**
Agriculture	2
Education	2
Rural and Urban Development	1
On-the-Spot Courses	**1**
Education	1
Total Number of Participants	**39**

Ghana

Participants in Israel	**14**
Education	10
Rural and Urban Development	4
On-the-Spot Courses	**3**
Education	3
Total Number of Participants	**60**
Short-Term Consultancies	**3**
Agriculture	2
Medicine and Public Health	1

Ghana

Cooperation with the Millennium Cities Initiative

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. To date, MASHAV has been actively involved in the health of the Kumasi Metropolis, organizing training activities aimed at strengthening the capacity of health service providers to provide effective and efficient care in many different areas, including trauma and medical emergencies, neonatal nursing, nutrition care, and support for persons infected with HIV/AIDS. The courses have also empowered health teams to plan and implement programs aimed at the prevention of non-communicable diseases that are on the rise. To address the unacceptably high rate of neonatal mortality, MASHAV constructed, refurbished and equipped two new Mother and Baby Units (MBU) in the Kumasi South and Suntreso Hospitals, in order to decongest the MBU at Komfo Anokye Teaching Hospital (KATH), improve the care for neonates, and ultimately, reduce neonatal mortality.

Early Childhood Education (ECD)

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.

Israel-Ghana-Germany Sign Memorandum of Understanding

Following a cooperation agreement signed between Israel and Germany, the Israeli Ministry of Foreign Affairs through MASHAV and the German Federal Ministry for Economic Cooperation and Development (BMZ) are joining forces to contribute to the achievement of the Millennium Development Goals by enhancing cooperation in the Middle East, Africa and Central Asia with particular emphasis on water management, agricultural development and public health. Within this framework, an MOU was signed between Israel-Germany and Ghana in December 2010, to strengthen Ghana's agricultural sector focusing on the citrus value chain, including development of agro-technologies and transfer of know-how.

Guinea

Participants in Israel	**1**
Small and Medium Enterprises	1

Guinea-Bissau

Participants in Israel	**1**
Small and Medium Enterprises	1

Kenya

Participants in Israel	**132**
Agriculture	49
Education	30
Regional Planning	6
Community Development	2
Rural and Urban Development	29
Gender Issues	14
Communication	2
On-the-Spot Courses	**5**
Agriculture	4
Education	1
Total Number of Participants	**222**
Short-Term Consultancies	**5**
Medicine and Public Health	1
Education	1
Rural and Urban Development	2
Communication	1

Kenya

MASHAV-MCI-UN-HABITAT Cooperation

A local economic development program is being carried out by MASHAV and MCI, the Millennium Cities Initiative, together with UN-HABITAT in Kisumu, Kenya, emphasizing capacity-building and setting up Municipal Strategic Planning Units (MSPU) in the council as well as developing a plan for the city structure. Also addressed are environmental development issues, with an emphasis on technology for waste management, greening the city and capacity-building; education development, with emphasis on school planning and early childhood development; and youth development, focusing on employment creation and opportunities for income generation. In March 2010, Israeli and Kenyan experts presented the project during the Fifth World Urban Forum held in Brazil.

MASHAV Completes ER Construction in Kisumu, Kenya

MASHAV experts, together with a team of 10 Israeli engineers completed in 2010 the construction of a fully equipped Emergency Room (ER) at Kisumu East District Hospital, the first ever in Kenya's third largest city. This ER will serve as the center for the city's emergency response, as well as a center for multiple trainings for medical professionals. Beyond donating and actually building this state-of-the-art facility, MASHAV also sent Israeli specialists to train local medical professionals in emergency medicine. The local professionals gained essential knowledge and the clinical skills necessary to facilitate advanced decision-making while treating acute and critically ill patients. These skills will enable Kisumu's medical professionals to better respond to emergencies and traumas, significantly improving the level of care available in the city and its periphery.

Lesotho

Participants in Israel	**2**
Agriculture	1
Gender Issues	1

Liberia

Participants in Israel	**7**
Agriculture	1
Education	1
Gender Issues	5
On-the-Spot Courses	**1**
Small and Medium Enterprises	1
Total Number of Participants	**27**

Madagascar

Participants in Israel	**5**
Agriculture	1
Community Development	2
Small and Medium Enterprises	2

Malawi

Participants in Israel	**6**
Agriculture	2
Regional Planning	3
Community Development	1
Short-Term Consultancies	**1**
Agriculture	1

Mali

Participants in Israel	**6**
Agriculture	2
Community Development	2
Small and Medium Enterprises	2

Mauritius

Participants in Israel	**1**
Regional Planning	1

Mozambique

Participants in Israel	**1**
Agriculture	1

Niger

Participants in Israel	**1**
Agriculture	1

Nigeria

Participants in Israel	**79**
Agriculture	29
Regional Planning	4
Community Development	29
Rural and Urban Development	7
Gender Issues	9
Communication	1
On-the-Spot Courses	**2**
Agriculture	2
Total Number of Participants	**83**

Nigeria

ECOWAS-MASHAV Cooperation Agreement

A cooperation agreement was signed between ECOWAS (The Economic Community of West African States) and MASHAV with emphasis on reducing poverty and preservation and protection of the environment.

Rwanda

Participants in Israel	**6**
Agriculture	2
Rural and Urban Development	2
Gender Issues	2
Short-Term Consultancies	**1**
Agriculture	1

Africa

Senegal

Participants in Israel	**22**
Agriculture	13
Community Development	5
Gender Issues	3
Small and Medium Enterprises	1
On-the-Spot Courses	**1**
Medicine and Public Health	1
Total Number of Participants	**20**
Short-Term Consultancies	**4**
Agriculture	3
Education	1
Long-Term Consultancies	**1**
Agriculture	1

Senegal

MASHAV-UNDP Cooperation

Following the 2008 cooperation agreement signed between the two parties, during 2010 MASHAV conducted various activities in Senegal providing knowledge and technological abilities in the fields of agriculture, water, food, health and education. The partnership is aimed at strengthening the capacities of regional, national and local level institutions and other end users to promote and integrate environmentally sustainable and income generating agro-practices.

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. The project in Senegal is accompanied by a local long term expert.

Seychelles

Participants in Israel	**4**
Education	2
Community Development	2

Sierra Leone

Participants in Israel	**9**
Education	1
Rural and Urban Development	3
Gender Issues	5
On-the-Spot Courses	**1**
Medicine and Public Health	1
Total Number of Participants	**25**

South Africa

Participants in Israel	**3**
Agriculture	1
Rural and Urban Development	1
Gender Issues	1
Long-Term Consultancies	**1**
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. During 2010 the TIPA project was applied in: Diepsloot in Gauteng Province, Hazy View in Mpumalanga Province, and Scabazini and Kokstaad in Kwazulu Natal. The projects are run by the farmers themselves and accompanied by a MASHAV long-term expert.

Tanzania

Participants in Israel	**17**
Agriculture	4
Education	2
Regional Planning	1
Rural and Urban Development	7
Gender Issues	3

Togo

Participants in Israel	**14**
Agriculture	5
Community Development	5
Small and Medium Enterprises	4

Uganda

Participants in Israel	**26**
Agriculture	17
Community Development	2
Rural and Urban Development	4
Gender Issues	3
On-the-Spot Courses	**3**
Medicine and Public Health	3
Total Number of Participants	**119**
Short-Term Consultancies	**3**
Agriculture	1
Medicine and Public Health	1
Education	1

Zambia

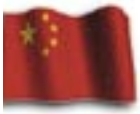
Participants in Israel	**2**
Gender Issues	1
Communication	1
On-the-Spot Courses	**1**
Gender Issues	1
Total Number of Participants	**24**

Zimbabwe

Participants in Israel	**4**
Education	2
Community Development	1
Gender Issues	1
Short-Term Consultancies	**1**
Medicine and Public Health	1

Bhutan

Participants in Israel	**1**
Gender Issues	1



China

Participants in Israel	**140**
Agriculture	108
Medicine and Public Health	4
Gender Issues	3
Science and Technology	21
Communication	4
On-the-Spot Courses	**10**
Agriculture	8
Medicine and Public Health	2
Total Number of Participants	**917**
Short-Term Consultancies	**3**
Agriculture	2
Medicine and Public Health	1
Long-Term Consultancies	**2**
Agriculture	2

China

Agricultural Agreement between Israel and China's Heilongjiang Province

An agricultural cooperation agreement between MASHAV and Heilongjiang province was signed in Jerusalem, in September 2010. The agreement relates primarily to assistance in establishing dairy demonstration farms.

Xinjiang Sino-Israeli Demonstration Center for Arid Zone Agriculture

The Xinjiang Sino-Israeli Demonstration Center for Arid Zone Agriculture was established in Northwestern China in 2003, following the joint cooperation of the Chinese Ministry of Agriculture and the Israeli Ministry of Foreign Affairs. The project is operated by MASHAV and the People's Government of the Xinjiang Uygur Autonomous Region. This is the first ever Sino-Israeli agricultural cooperation project to be launched in China's arid northwestern region. The agricultural industry of the area is dependent on irrigation and agricultural technology due to limited water resources and soil salinization. The project's objective is to promote agricultural development in the area by improving the efficiency of agricultural practices and training agricultural staff and farmers in modern agricultural technologies for maximizing crop yields and profitability under conditions of water scarcity, and to engage in commercial agricultural production. In 2010 results showed that by utilizing Israeli irrigation techniques, over 60% of water can be saved. Using greenhouse technology and open field crops, the demonstration farms operate as demonstration centers for adapting methodologies, technologies and seed varieties for local needs.

Yongledian Dairy Cattle Demonstration Farm

The Sino-Israel Demonstration Dairy Farm at Yongeldian, near Beijing, continues to spread its positive influence throughout the dairy industry of the entire region. The farm design was made according to the Israeli experience and includes: calves hatches, heifers shed, milking-cows sheds, dry-cows sheds, calving pen, cows "hospital"- treatment shed, milking center and feed Center. All the activity in the farm such as milk production and quality, herd health and herd fertility is monitored on daily basis in the main computer, with most advanced herd management software which is developed and made in Israel. Applying the latest Israeli designs, technologies and expertise on its herd of 800 milking cows and 650 heifers, it raised milk production in 2010 to 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.

India

Participants in Israel	**31**
Agriculture	26
Regional Planning	1
Rural and Urban Development	2
Gender Issues	2
Short-Term Consultancies	**23**
Agriculture	23
Long-Term Consultancies	**1**
Agriculture	1

India

Agricultural Cooperation

In March 2006 an Agricultural Cooperation Agreement was signed between the Israeli and Indian Ministers of Agriculture. Within this framework, a Plan of Action was formulated and is being implemented by MASHAV in India. The first phase of the cooperation program (2009-2011) is taking place in Haryana, Maharashtra, Rajasthan and Gujarat States, and focuses in the transfer of agricultural technologies including the establishment of demonstration centers in each one of the four States.

In Haryana and Maharashtra the main focus is given to mangoes, olives, pomegranates and citrus crops, as well as to vegetables and spices. In Rajasthan and Gujarat, agricultural practices focus in irrigation and water management including utilization of wastewater purification technologies for irrigation. MASHAV's professional training is to take place both in India and in Israel, including courses and consultation missions. A long-term MASHAV agricultural expert accompanies the program.

Asia & Oceania

Indonesia

Participants in Israel	**22**
Medicine and Public Health	22

Laos

Participants in Israel	**2**
Agriculture	2

Maldives

Short-Term Consultancies	**2**
Medicine and Public Health	2

Maldives

Disaster Management Training in the Maldives

The tsunami that hit the Maldives in 2004 brought up the critical need to be prepared for action in case of any future large scale natural disaster. With that aim in mind, the President of the Republic ordered the creation of a governmental office, under the responsibility of the Presidential Office, which will centralize all activities relating to dealing with large scale emergencies and disasters in the national level.

On January 2010 a team of MASHAV experts headed by MASHAV's medical advisor arrived in the Maldives to conduct a professional training program on emergency preparedness, with the purpose of transferring Israeli knowhow in the field of emergency relief, while practicing different models of reaction to various scenarios. During the two-weeks course Israeli and Maldivian professionals developed joint protocols for all relevant agencies to follow in times of emergencies.

Marshall Islands

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

Micronesia

Short-Term Consultancies	**2**
Medicine and Public Health	2

Mongolia

Participants in Israel	**1**
Agriculture	1

Myanmar

Participants in Israel	**21**
Agriculture	14
Regional Planning	1
Community Development	1
Rural and Urban Development	2
Gender Issues	3
On-the-Spot Courses	**2**
Agriculture	1
Education	1
Total Number of Participants	**101**

Nepal

Participants in Israel	**36**
Agriculture	29
Community Development	1
Rural and Urban Development	1
Gender Issues	4
Communication	1
On-the-Spot Courses	**1**
Agriculture	1
Total Number of Participants	**25**

Nepal

MASHAV and UNWFP Sign Memorandum of Cooperation in Nepal

The United Nations Food program (WFP) and MASHAV signed on February 2010 a Memorandum of Cooperation (MOC) in the field of Water Management, including Irrigation and Drinking Water Systems. The MOC aims at providing a framework for collaborative efforts on international program and activities by identifying areas of common interest and priorities based on Nepal's development strategies. This framework of cooperation includes enhancing capacity building programs and the strengthening of institutional capabilities.

MASHAV-UNICEF-UNESCO-Save the Children Cooperation in Nepal

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 with special focus on ECED.

Asia & Oceania

Philippines

Participants in Israel	**44**
Agriculture	40
Community Development	1
Gender Issues	1
Communication	2
On-the-Spot Courses	**1**
Medicine and Public Health	1
Total Number of Participants	**45**
Short-Term Consultancies	**7**
Agriculture	7

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.

Republic of Korea

Participants in Israel	**41**
Agriculture	3
Education	37
Regional Planning	1

Solomon Islands

Participants in Israel	**3**
Agriculture	2
Regional Planning	1
Short-Term Consultancies	**1**
Regional Planning	1

Sri Lanka

Participants in Israel	**7**
Agriculture	3
Community Development	2
Gender Issues	2

Taiwan

Short-Term Consultancies	**1**
Agriculture	1

Thailand

Participants in Israel	**25**
Agriculture	22
Community Development	1
Gender Issues	2

Thailand

Up-Kapong Pomegranate Plantation

Within the framework of cooperation between MASHAV and the Thai Ministry of Agriculture, and with the occasion on the King of Thailand 80th birthday, Israeli experts delivered 120 pomegranates trees especially brought from Israel. The project, located at Up Kapong in Phtchaburi District was officially inaugurated in June 2008, in the presence of her Royal Highness princess Maha Chakri Sirindhorn. During 2010 Israeli experts continued the professional monitoring of the project.

Vietnam

Participants in Israel	**87**
Agriculture	59
Education	20
Community Development	1
Rural and Urban Development	3
Gender Issues	2
Communication	2
On-the-Spot Courses	**3**
Agriculture	2
Science and Technology	1
Total Number of Participants	**116**

Vietnam

Dairy Demonstration and Experimental Farm in Vietnam

A Memorandum of Understanding was signed between MASHAV and with Ho Chi Minh City's People's Committee on the establishment of a Dairy Demonstration and Experimental Project. The Dairy Demonstration Farm in Vietnam will be based on Israeli technologies and know-how and is located in the vicinity of Ho Chi Minh City. 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.

Central Europe & Eurasia

Albania

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

Armenia

Participants in Israel	**11**
Agriculture	2
Education	1
Community Development	5
Rural and Urban Development	3
On-the-Spot Courses	**1**
Management	1
Total Number of Participants	**25**

Armenia

MASHAV and WFP Sign MOU for Cooperation in Armenia

A Memorandum of Understanding was signed in December 2010 between the United Nations World Food Program (WFP), and MASHAV to cooperate in Armenia's School Feeding Project. Participating in the project is also the Russian Foreign Aid Agency, marking MASHAV's first ever cooperation with the agency. The School Feeding project will provide a nutritionally balanced meal for 50,000 primary schoolchildren in six of the country's most vulnerable and food-insecure regions. Within this framework, MASHAV will provide funding for professional capacity building programs in the areas of education, health and nutrition to assist in the development of a sustainable school feeding program.

Azerbaijan

Participants in Israel	**6**
Agriculture	4
Education	2

Belarus

Participants in Israel	**33**
Agriculture	4
Education	4
Community Development	5
Rural and Urban Development	14
Small and Medium Enterprises	4
Communication	2
Short-Term Consultancies	**1**
Agriculture	1

Bosnia Herzegovina

Participants in Israel	**1**
Agriculture	1

Croatia

Participants in Israel	**2**
Agriculture	2

Georgia

Participants in Israel	**61**
Agriculture	32
Education	3
Community Development	14
Rural and Urban Development	2
Gender Issues	1
Small and Medium Enterprises	8
Communication	1
Short-Term Consultancies	**1**
Medicine and Public Health	1

Hungary

Short-Term Consultancies	**1**
Science and Technology	1

Kazakhstan

Participants in Israel	**26**
Agriculture	7
Education	1
Community Development	3
Rural and Urban Development	5
Small and Medium Enterprises	10
Short-Term Consultancies	**3**
Agriculture	2
Medicine and Public Health	1

Central Europe & Eurasia

Kyrgyzstan

Participants in Israel	**11**
Agriculture	2
Rural and Urban Development	3
Small and Medium Enterprises	6

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	**1**
Community Development	1

Lithuania

Participants in Israel	**1**
Gender Issues	1

Macedonia

Participants in Israel	**8**
Agriculture	8
Short-Term Consultancies	**2**
Agriculture	2

Moldova

Participants in Israel	**22**
Agriculture	17
Education	3
Community Development	2

Montenegro

Participants in Israel	**4**
Agriculture	3
Gender Issues	1

Poland

Participants in Israel	**1**
Medicine and Public Health	1

Romania

Participants in Israel	**1**
Community Development	1

Russian Federation

Participants in Israel	**125**
Agriculture	8
Education	49
Community Development	19
Gender Issues	2
Science and Technology	33
Small and Medium Enterprises	14
On-the-Spot Courses	**3**
Medicine and Public Health	3
Total Number of Participants	**153**
Short-Term Consultancies	**1**
Education	1

Serbia

Participants in Israel	**13**
Agriculture	10
Gender Issues	2
Communication	1
On-the-Spot Courses	**2**
Agriculture	1
Medicine and Public Health	1
Total Number of Participants	**324**

Tajikistan

Participants in Israel	**13**
Agriculture	3
Community Development	2
Rural and Urban Development	3
Small and Medium Enterprises	5

Ukraine

Participants in Israel	**23**
Agriculture	1
Education	8
Community Development	10
Gender Issues	3
Small and Medium Enterprises	1
Short-Term Consultancies	**3**
Agriculture	3

Uzbekistan

Participants in Israel	**35**
Agriculture	12
Education	2
Community Development	5
Rural and Urban Development	13
Small and Medium Enterprises	3
On-the-Spot Courses	**3**
Agriculture	2
Education	1
Total Number of Participants	**202**
Short-Term Consultancies	**2**
Agriculture	2
Long-Term Consultancies	**1**
Agriculture	1

Uzbekistan

MASHAV-UNDP Cooperation for Livestock Sector Upgrading

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

Latin America & the Caribbean

Argentina

Participants in Israel	**27**
Agriculture	3
Regional Planning	4
Community Development	16
Small and Medium Enterprises	2
Communication	2
On-the-Spot Courses	**2**
Agriculture	1
Small and Medium Enterprises	1
Total Number of Participants	**124**

Belize

On-the-Spot Courses	**2**
Agriculture	1
Small and Medium Enterprises	1
Total Number of Participants	**61**

Bolivia

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

Brazil

Participants in Israel	**40**
Agriculture	7
Education	3
Regional Planning	6
Community Development	12
Gender Issues	1
Science and Technology	4
Communication	7
Short-Term Consultancies	**5**
Agriculture	1
Education	2
Regional Planning	1
Management	1

Brazil

MASHAV-ABC Cooperation

In May 2010, MASHAV organized a professional visit for representatives from the Brazilian Agency for Cooperation (ABC), to examine future cooperation between the two agencies.

Israel-Brazil Cooperation in the Field of Public Safety

MASHAV, in cooperation with the Israeli Embassy in Brazil, the Brazilian Agency for Cooperation (ABC), and the Federal Military Firefighters Corps (CBMDF), conducted in November 2010 in Brasilia, a specially designed course on "Forces Mobilization, Recruitment and Response in Face of Emergency Situations." Over 60 Brazilian professionals participated in the course which covered topics such as disaster management and triage, and included simulation of possible scenarios.

Chile

Participants in Israel	**21**
Agriculture	1
Education	9
Regional Planning	3
Community Development	4
Small and Medium Enterprises	2
Communication	2
On-the-Spot Courses	**1**
Small and Medium Enterprises	1
Total Number of Participants	**20**

Chile

MASHAV-AGCI Cooperation

Following a visit by the Director of AGCI, the Agency for International Cooperation of Chile (AGCI) and her team, collaboration in the field of Early Childhood Education began in Latin America with a training activity for 31 professionals from 12 countries. Based on the evaluations, AGCI will continue cooperating in 2011 in courses in Israel and in organizing a Regional Seminar in Chile with the participation of Israeli lecturers.

Colombia

Participants in Israel	**100**
Agriculture	31
Education	33
Regional Planning	11
Community Development	14
Gender Issues	5
Small and Medium Enterprises	5
Communication	1
On-the-Spot Courses	**3**
Agriculture	1
Community Development	1
Small and Medium Enterprises	1
Total Number of Participants	**386**
Short-Term Consultancies	**1**
Agriculture	1

Costa Rica

Participants in Israel	18
Education	3
Regional Planning	4
Community Development	7
Small and Medium Enterprises	2
Communication	2
On-the-Spot Courses	**2**
Small and Medium Enterprises	2
Total Number of Participants	**58**

Dominica

Participants in Israel	**9**
Agriculture	2
Regional Planning	1
Community Development	5
Communication	1

Dominican Republic

Participants in Israel	**2**
Education	1
Small and Medium Enterprises	1

Ecuador

Participants in Israel	**76**
Agriculture	3
Education	40
Regional Planning	7
Community Development	19
Rural and Urban Development	2
Small and Medium Enterprises	2
Communication	3
On-the-Spot Courses	**1**
Community Development	1
Total Number of Participants	**60**
Short-Term Consultancies	**2**
Education	1
Management	1

El Salvador

Participants in Israel	**21**
Education	5
Community Development	7
Small and Medium Enterprises	7
Communication	2
On-the-Spot Courses	**2**
Community Development	1
Gender Issues	1
Total Number of Participants	**53**

Grenada

On-the-Spot Courses	**3**
Rural and Urban Development	1
Small and Medium Enterprises	2
Total Number of Participants	**63**

Guatemala

Participants in Israel	**51**
Agriculture	4
Education	12
Regional Planning	9
Community Development	14
Gender Issues	1
Small and Medium Enterprises	9
Communication	2
On-the-Spot Courses	**2**
Community Development	1
Small and Medium Enterprises	1
Total Number of Participants	**52**
Short-Term Consultancies	**1**
Medicine and Public Health	1

Guyana

Participants in Israel	**3**
Agriculture	3

Latin America & Caribbean

Haiti

Short-Term Consultancies	**2**
Medicine and Public Health	1
Community Development	1

Haiti

Establishing Trauma and Emergency Unit in Haiti

MASHAV is in the process of establishing a Trauma and Emergency Unit in a hospital in Cap-Haitien, including provision of medical equipment and training of the local medical staff. In November 2010, the Israeli Foreign Ministry through MASHAV shipped over 200,000 doses of medication against the cholera outbreak. A primary cares clinic, established in the city of Leogane, following cooperation between MASHAV-the Sheba Hospital and the Israeli NGO IsraAID, took part in the efforts to stop the cholera epidemic.

Honduras

Participants in Israel	**15**
Agriculture	1
Education	2
Regional Planning	4
Community Development	3
Small and Medium Enterprises	4
Communication	1

Jamaica

On-the-Spot Courses	**1**
Small and Medium Enterprises	1
Total Number of Participants	**35**

Mexico

Participants in Israel	**58**
Agriculture	3
Education	2
Regional Planning	1
Community Development	40
Rural and Urban Development	2
Gender Issues	4
Small and Medium Enterprises	5
Communication	1
On-the-Spot Courses	**4**
Community Development	1
Rural and Urban Development	1
Small and Medium Enterprises	2
Total Number of Participants	**151**

Nicaragua

Participants in Israel	**1**
Small and Medium Enterprises	1

Panama

Participants in Israel	**27**
Education	2
Regional Planning	4
Community Development	13
Gender Issues	1
Small and Medium Enterprises	5
Communication	2
Short-Term Consultancies	**1**
Agriculture	1

Paraguay

Participants in Israel	**20**
Agriculture	3
Education	2
Regional Planning	7
Community Development	5
Small and Medium Enterprises	2
Communication	1

Peru

Participants in Israel	**67**
Agriculture	7
Education	40
Regional Planning	8
Community Development	8
Small and Medium Enterprises	2
Communication	2
On-the-Spot Courses	**3**
Agriculture	2
Small and Medium Enterprises	1
Total Number of Participants	**213**
Short-Term Consultancies	**1**
Medicine and Public Health	1

St. Lucia

On-the-Spot Courses	**1**
Rural and Urban Development	1
Total Number of Participants	**21**
Short-Term Consultancies	**1**
Agriculture	1

Suriname

On-the-Spot Courses	**1**
Rural and Urban Development	1
Total Number of Participants	**24**

Trinidad and Tobago

On-the-Spot Courses	**1**
Small and Medium Enterprises	1
Total Number of Participants	**18**

Uruguay

Participants in Israel	**44**
Education	5
Regional Planning	3
Community Development	7
Small and Medium Enterprises	28
Communication	1
Short-Term Consultancies	**2**
Small and Medium Enterprises	2

Venezuela

Participants in Israel	**1**
Community Development	1

Malta

Short-Term Consultancies	**1**
Agriculture	1

Turkey

Participants in Israel	**23**
Agriculture	12
Medicine and Public Health	10
Communication	1

Turkey

Cooperation between Israeli and Turkish Rescue Units

A delegation including 10 professionals from AKUT- the Turkish Rescue Unit arrived in Israel in April 2010, to train together with members of Israel's Arava Search and Rescue Unit. This special program, under MASHAV's auspices, was held within the framework of a cooperation program existing between the two units, and which includes the exchange of professional knowledge and training in rescue techniques in face of natural disasters. Cooperation activities take place three times a year both in Turkey and in Israel.

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, is well into its second five-year phase. The program is comprised of six main subjects of agricultural development and is governed by a semi-annual steering committee with representatives of all partners. This unique program is being carried out under the sponsorship of the Danish International Development Agency (DANIDA), and encompasses a number of topics in the field of agriculture: small ruminants, dryland agriculture, saline and marginal water resources, post-harvest technology and marketing, and aquaculture. The program was established in 2000, and has been successfully carried out even during times of regional tensions. It includes on-site and regional training programs, meetings between experts, joint applied research, publication of guidelines and participation in international conferences.

During 2010, some 109 participants took part in regional courses that were conducted in Israel on Low Cost Fodder, Dryland Agriculture, Post Harvest and Marketing, Marginal Water and Small Ruminants and 11 meetings of partner experts were held, as were two meetings of the Program's Steering Committee. A third phase, for the years 2011-2013 was approved by the Danish government.

Egypt

Participants in Israel	**19**
Agriculture	19
Short-Term Consultancies	**5**
Agriculture	5

Jordan

Participants in Israel	**98**
Agriculture	86
Regional Planning	2
Community Development	1
Gender Issues	9
On-the-Spot Courses	**1**
Science and Technology	1
Total Number of Participants	**15**
Short-Term Consultancies	**12**
Agriculture	11
Management	1

Israel-Jordan Joint Projects

Beekeeping: MASHAV provides knowhow and expertise to the project located near the city of Irbid, The project involves upgrade of local bee stock and research.

Olive Trees Growing in Arid Zones: Israel and Jordan renewed cooperation at the Mafrak Research Station to improve soil quality for growing olive trees. The project includes transfer of Israeli knowhow regarding irrigation with brackish water.

Palestinian Authority

Participants in Israel	**260**
Agriculture	142
Education	33
Gender Issues	51
Small and Medium Enterprises	34

Seminars for Palestinian and Israeli Women

The joint seminars 'Women Building a New Reality', begun as a direct consequence of the 2003 International Women Leaders' Conference on Women's Voice in Conflict Resolution and Peace Building. Five seminars took place in 2010, one with special emphasis on leadership and another designed for the particular interest of educators.

North America & the European Union

A key component in today's concept of international development cooperation – one which finds expression in the Paris Declaration on Aid Effectiveness and the Millennium Declaration 2000 – 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 discussions and meetings with the donor community.

Canada

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

United States of America

Participants in Israel	**4**
Agriculture	3
Gender Issues	1
Short-Term Consultancies	**1**
Gender Issues	1

France

Participants in Israel	**2**
Community Development	1
Gender Issues	1
Short-Term Consultancies	**1**
Management	1

Germany

Participants in Israel	**8**
Rural and Urban Development	3
Gender Issues	5

Ireland

Participants in Israel	**3**
Gender Issues	3

Italy

Short-Term Consultancies	**2**
Regional Planning	1
Gender Issues	1

Netherlands

Participants in Israel	**1**
Gender Issues	1

Switzerland

Short-Term Consultancies	**2**
Communication	2

United Kingdom

Participants in Israel	**7**
Gender Issues	7

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Extensions & Affiliates

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 courses. Following is a review of their activities during 2010:

CINADCO – Center for International Agricultural Development Cooperation

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

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

CINADCO's Main Professional Functions:

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

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

Participants from Colombia in the Course on Irrigation and Fertigation in Intensive Agriculture

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 2010 included 38 training activities (international courses and "tailor made" country specific courses). In summation, 688 participants from 41 countries have attended CINADCO's annual training program, which has also collaborated with international organizations such as WHO, WMO, UNESCO, UNDP, USAID, FAO, GIZ, SENA, ICWC, ADBL, CAIEP, CCPAT, MEDRC. Forty one professional and high level official delegations were hosted in the Shefayim Training Center.

Agricultural training activities were held at both CINADCO training campuses (Kibbutz Shefayim and Bet Dagan).Thirty training activities were held at Kibbutz Shefayim, four of which were within the framework of MASHAV's ongoing agricultural projects in Ethiopia (a part of the MASHAV trilateral agreements with GIZ-MoARD and USAID-MoARD), and in the Philippines (PICAT).

Seven training activities were held at the Ministry of Agriculture and Rural Development headquarters at Beit Dagan, two focused on Research and Development issues and five - for Jordan extension services, as a part of the JICA-MASHAV-NCARE trilateral agreement.

Three international courses on issues related to adaptation to climate change, combating desertification, afforestation, water management and sustainable agriculture development in arid zones were conducted in cooperation with the Israel National Fund. Participants also attended the Third International Conference on Drylands, Deserts and Desertification - The Route to Restoration, held in Ben-Gurion University of the Negev, Sede Boqer Campus.

Four short-term training activities were carried out as a part of the Regional Agricultural Program in cooperation with DANIDA (The Development Agency of the Government of Denmark) for Jordanian and the Palestinian Authority professionals.

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 2010, a total of 24 mobile courses were conducted in 15 countries involving 1900 participants in Ethiopia, Nigeria, Cameroon, Kenya, Jordan, Uzbekistan, Argentina, Belize, Colombia, Peru, Vietnam, Myanmar, Nepal, Mongolia and China.

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

The Overseas Training Program also manages **Research and Development and Special Programs.** In this context a joint regional cooperation program is conducted in collaboration and co-financing with DANIDA. The program includes cooperation between Egypt, Jordan, the Palestinian Authority, Israel and Denmark. The aim is to develop and improve professionally sound practices relating to: Low-cost feed for small ruminants; marginal water for irrigation; agriculture in arid regions, marketing and post-harvest care and aquaculture. The program is implemented by joint professional teams of the participating parties, conducting training courses, as well as publication of professional and technical manuals relating to the various topics of the program. During 2010, more than 13 separate activities, professional meetings, field experiments, study tours, seminars, regional and national workshops were held, in Egypt, Jordan and Israel.

Short-Term Consultancy Missions and Professional Study Tours

During 2010, 55 short-term Consultancy Missions were conducted in 20 countries. This involved the preparation of professional Mission Reports by the teams assigned to undertake the consultancy missions. The topics covered involved a wide range of agricultural and technology-related subjects such as: field crops; nurseries; vegetables; dairy husbandry; dairy, small

ruminants; aquaculture; horticulture and green house technologies; water resources development, irrigation and technology and other development related topics. The missions involve preparation of technical reports, recommendations and implementation programs, which provide the profesional basis for future long-term joint cooperation projects.

Senegal: An outline for a trilateral joint cooperation program (Senegal-Italy-Israel) has been drawn focusing on advanced agricultural technologies (family drip irrigation systems and a training and demonstration center. The program, which has recently been approved, will start in 2011.

Ghana: A MASHAV team conducted a consultancy mission within the framework of the trilateral cooperation between Germany-Ghana-Israel for the upgrading of the local citrus sector. The project includes a comprehensive agricultural rehabilitation program and will be carried out during 2011.

Macedonia: A professional team assessed the implementation of a joint cooperation program on nurseries, horticulture aspects and vegetables seeds cultivation has commenced.

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 2010, eight such demonstration training projects continued to be operated, managed by Israeli experts on long-term missions. The experts were recruited and assigned to the projects following the completion of the planning process and the signing of an implementation agreement between the parties. A joint MASHAV/CINADCO committee selects the experts to manage the projects. Demonstration projects, including long-term assigned experts, are operated in the following countries:

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

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

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

South Africa: The project focuses on the development and enhancement of small-scale farmers, introduction of irrigation technologies for small scale, family farm operations. The aim is to improve food security and income of families and village communities.

Philippines: The project focuses on training of extension-staff and demonstration of improved farm practices, and the establishment of agricultural extension support services. The project is jointly managed with the agricultural university in the area.

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

Uzbekistan: A Sustainable Livestock Sector Development and Know-how Join Project between MASHAV-UNDP and the Uzbek Ministry of Agriculture is being managed by an Israeli agricultural livestock expert on a long-term mission.

Other Activities and Initiatives

During 2010 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 Golda Meir Mount Carmel International Training Center (MCTC)

The Golda Meir Mount Carmel International Training Center (MCTC) is one of the first training centers for adults working in the developing world. Founded in Haifa in 1961 by MASHAV, to conduct training activities in the socio-economic arena, with an emphasis on gender equality, it has already trained

Participants in the Course on Media for Social Change

close to 16,000 people at MCTC (two thirds of them women) and many thousands more on its training activities abroad.

The year 2010 was a very busy one for the Center, with thirty one training activities taking place in Israel for 907 professionals (78% of them women). A further twenty five on the spot activities were conducted for 765 people in Argentina, Benin, Burkina Faso, Chile, Colombia, Costa Rica (2), El Salvador, Ghana, Grenada (2), Guatemala, Guatemala/Belize, Jamaica, Liberia, Mexico (3), Peru, Saint Lucia, Surinam, Trinidad & Tobago, Uganda, Uzbekistan and Zambia.

In 2010 we marked 15 years since the UN Fourth World Conference on Women was held in Beijing and produced the Platform for Action, guiding policy for the advancement of women in many different areas. To mark this occasion, several training activities at MCTC particularly emphasized the topics set out in the Beijing Platform for Action:

- Women's Entrepreneurship and Productive Capacity Development
- Violence against Women and Children
- Gender and Water
- Support Systems for Women
- Women Girls, Gender and Aids
- Rural Tourism as a Tool for Rural Women's Empowerment
- Gender and Development
- Gender and Local Governance

Several of the above topics were new, as was the introduction of a workshop, in Russian, *on Care and Support of Children Infected and/or Affected by HIV/AIDS and their Reintegration into Society*, in cooperation with UNAIDS.

Israel became a member of the Organization for Economic Cooperation and Development (OECD) this year and a workshop was held at MCTC on *Maximizing Outcomes with Minimum Resources for Development Communications*, in cooperation with the OECD/DAC DevCom development communications group.

A capacity-building workshop on *Development of Entrepreneurial Activities and Management of Microenterprises for Job Creation and Poverty Alleviation* was conducted exclusively with members of the Soroptimist International, Awka Club, Anambra State, Nigeria, stemming from links with a former participant in one of our mainstream workshops at MCTC. Several on-the-spot activities this year were also the direct consequence of contacts made by participants while attending an activity at MCTC.

Israel Deputy Prime Minister and Minister of Foreign Affairs, Hon. Avigdor Lieberman, made an official visit to MCTC in August. The Minister met with the participants in the MCTC workshop on *Women Entrepreneurs and Information and Communication Technologies* (ICTs), held in cooperation with the United Nations Economic Commission for Europe (UNECE), for participants from Belarus, Georgia, Kazakhstan, Kyrgyzstan, Russia, Tajikistan and Uzbekistan.

The field of Early Childhood Education has thrived again this year. In Latin America, following a visit by the Director of the Agency for International Cooperation of Chile (AGCI) and her team, collaboration began with a training activity for 31 professionals from 12 countries, chosen from over 200 applicants. Based on the evaluations, AGCI will continue cooperating in 2011 in courses in Israel and in organizing a Regional Seminar in Chile with the participation of Israeli lecturers.

In Africa, continued cooperation with the Millennium Cities Initiative (MCI) in Kumasi, Ghana towards reform of the kindergarten systems in the city has entailed, this year alone, 1 on-the-spot visit, an in-house training workshop, the publication of a training manual and an article, written by the trainers, documenting the work done. Also in Africa, within the framework of the agreement signed between UNDP and MASHAV, 5 activities took place in the field of entrepreneurship development, two at MCTC, two at the Songhai Centre in Benin and one in Liberia.

MCTC has extended its collaboration with the Young Americas Business Trust (YABT) of the Organization of American States (OAS) through 16 on-the-spot training activities in Latin America and the Caribbean, training trainers in the field of small business development and support from many different aspects, as well as in 2 activities for young entrepreneurs at MCTC.

MCTC's program of cooperation with its Palestinian neighbors continued steadily throughout the year. The seminars for Palestinian and Israeli women, *'Women*

building a New Reality', begun as a direct consequence of the 2003 International Women Leaders' Conference on *Women's Voice in Conflict Resolution and Peace Building,* continue to flourish and took place 5 times this year, once with special emphasis on leadership and once designed for the particular interest of educators. Links were also forged with the Peres Center for Peace and the Keren Kayemeth L'Yisrael, who sent a group of Palestinian Agri-Engineers and Foresters to a *Seminar on Foresters for a Sustainable Environment*, at MCTC in July.

The MCTC Director represented Israel at international conferences at the United Nations (CSW and ECOSOC) and presented a paper on behalf of MCTC/MASHAV in Italy (Mediterranean Women's Forum and the UNESCO Centre in Turin). She also took part in MASHAV missions to Senegal, for the UNESCO- BREDA Steering Committee for TISSA and to Ethiopia. At home, she and other members of the MCTC staff gave numerous talks on the history and work of MCTC/MASHAV during the year to different interest groups. These included women from the Bedouin and the Arab sector of Israel, members of Rotary and Soroptimist International, students, etc.

Some 950 VIPs, including Ministers of State, Members of Parliament, Senators, Ambassadors, heads of academic departments, directors of NGOs and international agencies, members of the judiciary and diplomats visited the Center this year. We received delegations from Canada (Canada – Israel Committee), Luxembourg (accompanying the Minister for Gender Equality) and from Belarus, among others.

The coming year marks 50 years since the establishment of the Mount Carmel Training Center. MCTC's jubilee celebrations will include a high-level International Women Leaders' Conference, in cooperation with UNESCO and MASHAV, on the topic of Science, *Technology and Innovation; Education and Training for Women and Girls*.

Activities in 2010 bear testimony to MCTC's bottom line of outreach and promotion of developmental projects, creating commitment among our trainees and producing a critical mass of people able to transfer the knowledge acquired through their MASHAV/MCTC training.

The fact that several of this year's activities were the outcome of recommendations or links with past-participants, demonstrates that continuity in training professionals who can make a difference in the fields of education, community empowerment and microenterprise development is ensured.

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

Participants in the Course on Education for Sustainable Development

in April 2000, *"Education is a fundamental human right. It is the key to sustainable development and peace and stability within and among countries, and thus an indispensable means for effective participation in the societies and economies of the twenty-first century."*

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

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

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

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, immigration, and dispersion; AIDS treatment methods; prevention of drug abuse.

The Center's 2010 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 2010, over 600 professional participated in 19 training activities, including 7 On-the-Spot courses in Gambia, Kenya, Uganda, Sierra Leone and Vietnam.

The Weitz Center for Development Studies

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

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

Additional areas of specialization include: Regional & Local Competitivity; LED and strategies for poverty reduction, Income Generating Activities in Rural Areas; Strategic Planning for Local Development; Sustainable Services Delivery Systems; Local Economic Development; Urban Rehabilitation Projects; Development Projects Formulation; Development of Sustainable Tourism; Entrepreneurship Promotion;

Promoting Urban-Rural Sustainable Development, and Poverty Alleviation Strategies.

During 2010 the Weitz Center conducted a variety of activities in Israel and abroad:

Training in Israel

Over 240 professionals from 44 countries participated in training and capacity building activities of the Weitz Center which included: 7 international courses and seminars and 6 Study Visits. Courses included subjects such as: Sustainable tourism development as a tool for regional development in Sub Saharan Africa; Local assets for community-economic development; Municipal capacities for slums upgrading and delivery of services to the urban poor; Mainstreaming poverty-environment linkages into planning and development; Development strategies for poverty reduction; Tools for promoting local economic development; Promotion of local economic development through strategic planning. Some of the courses were carried out in cooperation with UN Habitat.

Study visits were organized for high ranking officials from Brazil, Chile, India, Nigeria and Rwanda, focusing on rural and regional development and support systems.

Training abroad

- **Ukraine:** A workshop on "Leveraging Local Assets for Local Economic Development", co-organized with Kennan Institute and Chernihiv Oblast Local Government Training Center, with the support of MASHAV, the Israeli Embassy in Kiev, The US Embassy in Kiev, TAG international Development and JDC Kiev.
- **The Republic of Korea:** A joint training course on "Sustainable Urban Management", co-organized with the IUTC-International Urban Training Center, Gangwon Province, Republic of Korea, and UN-HABITAT.
- **Solomon Islands:** A workshop on "Economic Development Planning" in Malaita province.

Follow up Activities

The Weitz Center continues, in the framework of MASHAV to assist in the establishment of a Strategic Planning Unit in Kisumu, Kenya. This year we presented the MSPU model to representatives from local governments around Lake Victoria, and we hope to establish new ones next year.

International Events

The main event of the year *was The Rehovot Conference 2010* on "Inclusive Sustainable Development Initiatives" which took place successfully on December 5-7, 2010. About 250 professionals participated in the Conference, 67 of them from 29 countries abroad. Prominent international representatives and decision makers took part in the Conference, among them Prof. Kwi-Gon Kim, Director of International Urban Training Center, South Korea and Angelino Garzon, Vice-president of Colombia. During the Conference, awards were presented to the winners of the fifth "Integrated Development Projects Competition" in Memoriam of Prof. Raanan Weitz. Ninety projects from 25 countries participated in the competition.

The Weitz center team participated in the World Urban Forum 5 (WUF 5), Rio de Janeiro, Brazil where they facilitated a side event on "Municipal Platforms for Local Strategic Planning" and a training event on "How to Leverage Local Assets for Strategic Local Development – Establishing an MSPU."

Course on Local Assets for Community Economic Development

The Weitz Center Director participated in VI European Meeting of Pamplona, Spain on "The fight against poverty-the challenge of the European Local Governments'". Her Plenary speech was on "The Complex Challenge of Poverty – the Case of Israel."

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

The Robert H. Smith Faculty of Agriculture, Food and Environment is the only institute of higher education in Israel offering university degrees in agriculture and is also home to the only Schools of Nutritional Sciences and of Veterinary Medicine. Established in 1942, the Faculty today has a student body of 2,523 students.

The Faculty offers academic programs leading to B.Sc., M.Sc. and Ph.D. degrees in Agriculture, B.Sc. and M.Sc. degrees in Nutrition, and a Doctor of Veterinary Medicine degree. The Faculty also offers through its Division for External Studies international short-term postgraduate courses on various agricultural subjects, and a Masters of Science in Agriculture degree program in Plant Sciences and/or Nutritional Sciences, and/or Animal Sciences all of which are conducted in English for foreign students. Six international postgraduate courses were conducted in the year 2010 in which participants received MASHAV scholarships:

- Water Management-Decision Making, Environmental Aspects & Risk Assessment (East Africa: Kenya, Uganda, Tanzania, Ethiopia, Malawi)
- Biotechnology in Agriculture in a World of Global Environmental Changes
- Ensuring Food Safety in Times of Global Change
- Water and Health
- Aquaculture: Production & Management
- Commercial Beekeeping in Modern Agriculture

The Faculty is aware of the need to continue and accelerate its research and teaching activities in order to enable Israeli agriculture to produce on a sustainable basis and preserve its competitive position in the world. Research at the Faculty is aimed at meeting future agricultural requirements, with a focus on the areas of agricultural plant physiology, genetics and molecular breeding, cell biology, genomics, proteomics and biotechnology. At the same time, research focuses on environmental sciences and ecology, in order to prevent further soil, water and air pollution. Research in animal sciences includes animal physiology and nutrition, environmental effects on animals and aquaculture. Research at the Faculty also includes biochemistry, food sciences and human nutrition, as well as agricultural economics and hotel management.

The Faculty has long been at the forefront of agricultural research. Its scientists have developed such groundbreaking innovations as drip irrigation, soil solarization, long shelf-life vegetables, and efficient utilization of brackish water, to name a few.

The alleviation of hunger is also dealt with by the Faculty's School of Nutritional and Food Sciences. Malnutrition is caused not only by a lack of produce, but also by a surfeit of limited types of produce. Oversupply sometimes provides inexpensive solutions for the problem of hunger, while simultaneously creating new health problems. It should be the aim of the balance of the two: food production on the one hand, and nutritional knowledge and policies on the other.

Ensuring Food Safety in Times of Global Change

One of the advantages of the Faculty's relations with foreign countries is the ability to provide knowledge which fits the needs for both modest and extensive modes of change, the teaching of problem-solving rather than the giving of solutions, the encouragement of the adaptation of techniques to meet local needs rather than the adoption of existing ones which may not suit a given situation elsewhere.

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 serves as a center for education, training and project development in societies undergoing fundamental processes of transformation. These processes include transition from conflict to conflict resolution; from poverty and dependence to selfhood and social advance; from dictatorship to democracy and economic freedom. NISPED conducts courses, seminars and workshops for leaders, activists and trainers drawn from relevant civil society and government bodies.

NISPED operates through its three divisions:

- International Development (Israel Cooperative Development Agency)
- Middle East Department
- AJEEC -the Arab-Jewish Center for Equality, Empowerment and Cooperation.

NISPED courses are conducted in partnership with MASHAV and with other bodies including the International Cooperative Alliance, the ILO, AFAN, SCC, He'atid - South Africa, the Economic Division of the Israeli Embassy in Nigeria, Palestinian NGOs and others,

Cooperative leaders from Africa discuss rural development with Israeli cooperative managers

In 2010 NISPED conducted the following courses with MASHAV:

- A course on "Cooperatives and Enterprise Promotion in Rural Africa" in cooperation with the Swedish Cooperative Center (SCC) designed for participants from East Africa (Kenya, Tanzania, Rwanda and Uganda).
- A course for Palestinians participants on "Economic Empowerment of Palestinian Women" in cooperation with the Government of Belgium and a Palestinian Women NGO.

The Center for Cooperation and Advancement

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

CCA focuses on societies undergoing significant processes of transformation:

- From centralized to free markets economies,
- From political dictatorship to democracy
- From poverty to social and economic advance.

In addition, the CCA supports: Research for new technologies, the initiation and promotion of start-up projects and the transfer of technologies.

The professional programs are application oriented: Participants learn to combine theory and reality by developing creative thinking and finding both traditional and modern responses; Training courses and workshops aim to develop a process which may be described as "self-doing" by adapting the methods learned in Israel to the realities of the participant's home country.

CCA's activities focus in the following areas:

- Education- "Integration of disabled children in educational system" (A 10 year-old program jointly led by the government of Moscow)
- "Police and Community", public and community leaders for Local Security
- The role of NGOs as significant factors in providing social welfare and fundraising services and activities

Integration of Disabled Children

- 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 2010, over 140 professionals from 8 countries participated in:

- Three international courses in Israel
- One "On the Spot" course for to 2 groups, (with a total of 100 participants) in Moscow
- Three "tailor-made" tailor-made courses for Russian organizations.

The Israel Meteorological Training Center

The Regional Training Center (RTC) is a joint enterprise of MASHAV and the Israeli Meteorological Service. Recognized by the World Meteorological Organization (WMO) as a training center providing postgraduate training in applied meteorology, the RMTC has

The Application of Agrometeorological Information to Renewable Energy and Green Buildings

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 2010 a total of 37 professionals from around the world participated in RTC training activities, including: Advanced International Workshops on The Operation of Meteorological and Agrometeorological Station Networks and The Application of Information to Renewable Energy and Green Building.

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, women and youth organizations, rural development organizations, grass-root people's organizations, urban community development centers and others.

During 2010 the International Institute conducted five international courses in cooperation with MASHAV: Police and Community (2 courses), Preventative approaches to juvenile delinquency, Municipal Projects for Citizen Security and Social Integration for Marginal Youth. 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.

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

Participants in the Course on Police and Community

During the on-the-spot course on irrigation in Kisumu, Kenya

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 2010, the Arava Institute offered the following activities in cooperation with MASHAV:

- A first special course on "Gender and Water," in collaboration with The Golda Meir Mount Carmel International Training Center
- An on-the-spot course in Kisumu, Kenya, in collaboration with MASHAV and the Millennium Villages Project on integrated water management.

Individual Professional Training

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

During 2010 MASHAV's Individual Professional Training Program included:

- A doctor from Ethiopia at Bene Zion Medical Center in the field of Neonatology
- Four doctors from China at Shneider Children's Medical Center in cooperation with HOPE organization in the field of Pediatric medicine
- A medical intern from Dakar at the Tel Aviv Sourasky Medical Center in the field of Emergency Medic

Shalom Clubs

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 2010:

Ecuador

The annual gathering of the MASHAV graduates from Ecuador, took place in June 2010 in the city of Manta. This special event was held within the framework of celebrating the State of Israel's 62nd Independence Day. Over 150 graduates of MASHAV courses participated in the event, as well as many representatives of governmental bodies in various fields and members of the media. The event was organized by SEADI (the Organization of Friends of Israel) and was hosted by the Ambassador of Israel in Ecuador, Eyal Selah and the Embassy's staff. During the professional panels held during the gathering, the participants discussed ways to implement the knowledge they had acquired in Israel for the benefit of their country.

Peru

A group of members of the Shalom Club Peru joined the volunteer members of the Emergency System Institution in Peru. They participated in a National Earthquake drill that was held in November 2010. During the drill at the National Emergency Center, They simulated offering assistance to people in need.

Georgia

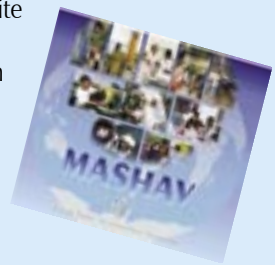
The annual gathering of the Shalom Club Georgia took place in April 2010, with the participation of over 300 Shalom Club members. The event included a reception, a concert and welcome notes by the Ilia II, the Patriarch of the Georgian Orthodox Church, the Georgian Deputy Prime Minister, Temur Iakobashvili and Israeli Ambassador to Georgia Itzhak Gerberg.

Kenya

The Embassy of the State of Israel in Kenya held its annual Shalom Club meeting on December, 2010 in Nairobi. The event gathered over 100 participants who shared their experiences of their training in various fields both in Israel and in Kenya, and how they applied their knowledge in benefit of their communities. The event also marked the closing ceremony of the on-the-spot course on, "Prevention of Drug and Alcohol Abuse", which was conducted by Israeli experts in conjuction with National Campaign against Drug Abuse Authority in Kenya.

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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Organizational Chart

Deputy Director General,
Israel Ministry of Foreign Affairs
and Head of MASHAV
Israel's National Agency for International Development Cooperation

Haigud - Society for Transfer of Technology*

Evaluation Unit

Office of the Deputy Director General

- Special Advisor on Medical Activities
- Special Advisor on Agriculture
- Coordinator for Middle Eastern Activities

- Training Department
- Projects Department
- Policy Planning and External Relations Department
- Finance and Budget Department

MASHAV EXTENSIONS

- Center for International Agricultural Development Cooperation – CINADCO, Ministry of Agriculture
- Golda Meir Mount Carmel International Training Center – MCTC
- Aharon Ofri International Training Center

TRAINING AFFILIATES IN 2010

- Weitz Center for Development Studies
- Hebrew University's Robert H. Smith Faculty of Agriculture, Food and Environment
- The International Institute – Histadrut
- Israel Meteorological Training Center-RMTC
- Negev Institute for Strategies of Peace & Development-NISPED
- The Center for Cooperation and Advancement
- The Arava Institute for Environmental Studies
- Bene Zion Medical Center
- Shneider Children's Medical Center
- Tel-Aviv Sourasky Medical Center

* 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

Israel's Agency for International Development Cooperation

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