

development

In a rapidly developing world there is a growing need for highly trained, globally aware leaders. Many IIE programs help prepare such leaders by enabling students and professionals to gain or improve critical skills in key fields. This year, two major new programs allowed the Institute to build upon its long experience in human resource development. Through Global Training for Development (GTD), IIE is working in close cooperation with USAID in South Africa, Namibia, Indonesia, the Philippines, India, and Panama to support capacity-building efforts in crucial areas including democratic governance, access to education, and economic equity. A second program, Development Training II (DT2), is based in Cairo and is the largest USAID training project in the world. To promote sustainable development in Egypt, IIE is involved in a range of activities including needs assessment, training design and implementation, and follow-on work. The Institute's work with USAID worldwide also includes longstanding cooperative projects in energy and environmental management. Professionals in these fields benefit from IIE-designed and administered training courses, in-country and U.S.-based internships, and study tours.

IIE ENERGY TRAINING

IIE has long worked all over the world training professionals in the energy field. For sixteen years the Institute administered USAID's Energy Training Program, a cooperative effort that benefited thousands of energy professionals in a dozen countries

from Indonesia to Brazil. ETP alumni associations, including the newest one, in India, continue to promote the development of indigenous capacity in the energy and environment arena (see page 10). IIE's energy training, which includes in-country as well as U.S.-based technical and management courses, internships, and specialized study tours, is individually designed for each country, with an emphasis



on promoting sustainable development through utilizing environmentally-sound technologies and management practices. Among the ongoing energy programs IIE administers are the Leadership Development Project in Cairo, a project developed to assist Egypt's Ministry of Electricity and Energy as it restructures its national electric utility, and the NIS Energy Training Development Project that includes an MBA program in the Ukraine (see page 11).

www.iie.org/energy/



Richard Lord

GLOBAL TRAINING FOR DEVELOPMENT

LUCIA HAUFIKU

At the age of sixteen Lucia Haufiku made a decision that changed the course of her life: she chose to leave everything familiar — her family, her village, her native Namibia — for what would prove to be fifteen years of exile. Namibia was then struggling under repressive South African rule, and Ms. Haufiku, despite her youth, understood that in order to help her country she first had to help herself. That meant getting an education. Returning to Namibia after independence, she felt most profoundly a sense of pride, particularly for her own children, three of whom she had while in exile. “They feel that Namibia is theirs, is ours. And I know that everything is open to them — school, work, mobility — it’s a dream I’ve had since I was sixteen, that Namibia would be free.” Ms. Haufiku is now head of Information Services for the Ministry of Fisheries and Marine Resources, where she is overseeing the development of a database that will be a major educational and research tool for Namibia’s fishing industry — a crucial sector for the country’s continued economic growth. Ms. Haufiku is part of the first group of Namibians to receive specialized training in the United States under USAID’s Global Training for Development.



Lay Mallin

Pictured are GTD participants at a training session at the Centre for Development and Population Activities (CEDPA) in Washington, DC.



NATIONAL SECURITY EDUCATION PROGRAM

Students gain skills important to national security and economic competitiveness through NSEP, a special program that supports U.S. undergraduates studying abroad in critical world areas outside Western Europe. IIE arranges the national recruitment and selection for the program. Among this year’s participants were two students, one who studied in China, and one who studied in Morocco. Both plan careers in foreign service. NSEP is supported by the U.S. Department of Defense.

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PIGS...AND OTHER POLLUTERS

Pollution often conjures familiar images — an auto-choked city, or a lake sullied by an oil spill— but there are many other lesser-known causes. One of the most pressing is inadequate livestock waste management, in both Asia and the United States. Increasingly large scale production (especially, in Asia, of pigs) coupled with decreasing land available for treatment poses a serious threat to land and water ecosystems. To begin to address this problem, IIE helped USAID coordinate the efforts of leading U.S. and Asian agricultural institutions in the design of a swine waste treatment system appropriate for Asian and U.S. use. In addition, IIE assisted USAID in organizing a symposium that brought together experts from Hong Kong, Korea, Malaysia, the Philippines, Taiwan, and the United States. As a result of this meeting, an



Environmental Center for Livestock Waste Management will be established in Taiwan that will utilize U.S. equipment. In addition to benefiting those in the region, the strategies developed at this center will also have applications in the United States. This project was part of IIE's work with the Environmental Exchange Program (EEP), a component of the USAID-funded United States-Asia Environmental Partnership (US-AEP). This year EEP programs benefited nearly 1,000 U.S. and Asian environmental professionals.

STAFF TRAINING AT THE EGYPTIAN MUSEUM

This year marks the 100th anniversary of the Egyptian Museum in Cairo, and the 75th anniversary of the discovery of one of its most precious treasures: the tomb of Tutankhamoun. Through USAID's IIE/DT2 project, two dozen curators, restorers, and other museum staff received special training to enhance their technical capabilities in display techniques. As a result, Tut exhibits were upgraded to international standards and a new division was established to improve exhibits throughout the Museum. The Egyptian Museum plays a vital role in the country's tourism industry.



DUAL FUEL IN CAIRO

The people in Cairo — one of the world's most polluted cities — are beginning to breathe a little easier, thanks to the increasing use in that city's public buses of compressed natural gas (CNG), a fuel that burns much cleaner than gasoline or diesel oil. The USAID-funded IIE/DT2 project contributed to this result by bringing Egyptian officials to the United States to study ways to regulate the safety and construction of "dual-fuel" filling stations, thereby making CNG more widely available throughout the city.

energy

EFFICIENT ENERGY

A common sight on large appliances such as air conditioners and refrigerators is the “energy efficiency rating” label. Such labeling is much more than a convenience for individual consumers hoping to reduce their energy bills. It is the result of a long and thorough energy policy process that has a significant effect on the growing demand for energy, and thus on the impact of energy usage on global climate change. To assist other countries in this important effort, IIE organized several technical training and study tours on “Energy Efficiency Product Labeling” for professionals from a dozen countries in Asia and Latin America. As instructors, IIE brought together the best technical minds from across a wide spectrum that included policy makers, manufacturers, scientists, and environmental NGO officials. These IIE-designed training sessions specifically emphasized key concepts needed to ensure successful labeling programs, including transparency and technical integrity of the standards process.



Jay Mallin

ENVIRONMENTAL EDUCATION IN INDONESIA

Thanks to a month-long U.S. study tour, Nemmy Rosnany Babo, pictured above right, is now better-equipped to help educate the Indonesian public on a whole range of environmental issues, especially as they relate to sustainable development in her country. As Director of the Sulawesi Natural Resources Conservation Information Center, Ms. Babo visited a number of sites in nine U.S. cities where she met with government representatives as well as experts from environmental NGOs, national parks, academia, and the government. Ms. Babo's visit was organized by IIE's Professional Exchange Programs, with the support of USIA.

HERE COMES THE SUN

One result of rapid growth in Indonesia is greatly increased demand for energy, and the consequent pressure on the environment. This, in concert with the need to reduce greenhouse gases and other pollutants, has led to a renewed national effort to reform the country's energy strategies, including solar energy. To encourage the use of solar power in the region, IIE delivered a training workshop in conjunction with the World Bank. The workshop trained nineteen technicians in the installation, operation, and maintenance of small solar home systems.

GLOBAL ENGINEERING

Adding an international dimension to the study of engineering is the goal of IIE's Global E³ program. This initiative, which has received support from AT&T, the National Science Foundation, and the U.S. Department of Education, offers long and short-term study abroad opportunities for U.S. and foreign engineering students.

