



GE Foundation

# Developing Health Globally™ in ASEAN

“WITH GE’S EXPANDING GLOBAL FOOTPRINT, WE VIEW ASEAN AS AN IMPORTANT EMERGING REGION WITH RISING SIGNIFICANCE IN THE FUTURE. THE WORK OF THE GE FOUNDATION AND THE RESULTS IT GENERATES DEMONSTRATE OUR COMPANY’S CULTURE AND VALUES. AS WE CONTINUE TO WORK WITH THIS REGION IN A VARIETY OF WAYS, I COULDN’T BE MORE THRILLED THAT DEVELOPING HEALTH GLOBALLY HAS CHOSEN TO PARTNER WITH THE MINISTRIES OF HEALTH IN CAMBODIA, INDONESIA AND MYANMAR TO TACKLE SOME OF TODAY’S MOST PRESSING HEALTH CHALLENGES.”

– Stu Dean, President GE Global Growth & Operations, ASEAN

## Overview

The Developing Health Globally (DHG) program is GE’s signature philanthropic program that aims to improve access to quality healthcare for some of the world’s most vulnerable populations. Established in 2004, the DHG program strengthens healthcare systems in the developing world by upgrading equipment and infrastructure, and providing ongoing training and support to ensure success and sustainability in the district.

With GE’s expanding global footprint, the ASEAN (Association of Southeast Asian Nations) is an important emerging region with rising significance over the long term. The work of the GE Foundation and the results it generates demonstrate our company’s culture and values, and dedication to this important area.



15

countries in Africa, Latin America and Southeast Asia



200+

hospitals and health centers



15+ Million

lives impacted to date



\$80+ Million

total program investment since the program was established

## Country Overviews

### Cambodia

**What is the GE Foundation doing?** Through the Developing Health Globally program, the Foundation is upgrading technology in key areas of Calmette Hospital, similar to upgrades already completed in eight other hospitals across Cambodia. In addition, a biomedical equipment technician (BMET) training program has been launched to train local hospital technicians in medical equipment maintenance and repair. The program will enable hospital staff to maintain and repair equipment that is essential to hospital operation.



40%

about 40% of medical equipment in the developing world is out of service\*



66%

up to 66% of that equipment can be put back into service with basic knowledge and no imported spare parts\*\*

**Who are our partners?** Cambodia's Ministry of Health, University of Puthisastra, Calmette Hospital, Engineering World Health, Duke University, Assist International.

#### What are the details?

In Cambodia, the Developing Health Globally program has actively supported 31 public hospitals by providing new medical



equipment in key areas, such as the casualty ward, ICU, operating theaters, labor and delivery ward, nursery, radiology unit and laboratory.

In 2012, the final phase of equipment donation was made and in-depth clinical training was provided in partnership with Calmette Hospital to train staff from hospitals across the country on monitoring, anesthesia, ultrasound and X-ray. In 2013, the GE Foundation and the Ministry of Health will launch a national BMET training program in Cambodia. Course content was developed in partnership with Duke University and Engineering World Health, and has been modified to meet the specific training needs in Cambodia. The program will operate from the University of Puthisastra, with Calmette National Hospital serving as the Center of Excellence for implementation.

### Myanmar

**What is the GE Foundation doing?** GE Foundation is partnering with Myanmar's Ministry of Health and Jhpiego to implement a three-year effort aimed at reducing infection rates in mothers and newborn children.

#### Who are our partners?

Myanmar's Ministry of Health, Jhpiego.

#### What are the details?

Despite progress over the past two decades, Myanmar is not on track to meet the Millennium Development

Goals for maternal and infant survival. Maternal sepsis (infection) is a particular problem in national hospitals.

GE Foundation is partnering with the Ministry of Health and Jhpiego to address this public health issue, beginning at the Central Women's Hospital in Yangon, which will serve as the program hub. Two nearby district hospitals will also serve as partner sites. The goal of this program is to reduce maternal sepsis by implementing safe birthing practices that can be leveraged in large and small facilities across the region. As a part of the effort, GE Foundation will provide the tools and equipment necessary for safe birthing and the treatment of newborn respiratory distress and jaundice.

\* Perry L, Malkin R. *Effectiveness of medical equipment donations to improve health systems: How much medical equipment is broken in the developing world.* Medical & Biological Engineering & Computing, 2011.

\*\* Malkin R, Keane A. *Evidence-based approach to the maintenance of laboratory and medical equipment in resource-poor settings.* Medical & Biological Engineering & Computing (2010) 48:721-726.

## Indonesia

**What is the GE Foundation doing?** The Foundation is partnering with the Ministry of Health to increase the newborn survival rate, and to build the pipeline of primary care physicians in rural areas.



75%

newborn deaths occur within the first 7 days\*



50%

newborn deaths occur within the first 24 hours\*



**Who are our partners?** Indonesia's Ministry of Health, Jhpiego, Office of President's Special Envoy on MDGs (OSEM).

### What are the details?

The GE Foundation is partnering with Jhpiego in Indonesia to improve connectivity and strengthen follow-up procedures between new mothers and their local healthcare providers.

Building on the current Jhpiego-USAID program, EMAS (Expanding Maternal and Newborn Survival), SMS text messaging will be used to expand midwives' ability to connect with new mothers and follow up on their care in the 30 days after delivery. The program will also equip new mothers with timely information to help identify health warnings and seek appropriate care from a skilled provider during the postpartum and postnatal periods. The anticipated reach of the program is one million mothers over the next three years.

The GE Foundation has also partnered with Indonesia's Office of the President's Special Envoy on the Millennium

Development Goals (MDGs) to help build capacity for primary care in rural areas. The shortage of healthcare professionals is a global issue and is commonly referred to as a 'crisis in health' by the World Health Assembly. By World Health Organization (WHO) estimates, well over four million additional health workers are in need today for the world to meet the health MDGs by 2015. Indonesia has the world's fourth largest population (245 million) and a total of 84,000 general practitioners. With only 40% of its health centers staffed by trained professionals, large areas of the country have little or no access to basic healthcare.

Through GE Foundation funding, the Pencerah Nusantera program will provide direct clinical support to remote and rural districts in Indonesia and help build capacity of partnering health facilities. We will also leverage the GE Foundation's experience from similar programs (PCLP, ECHO) and engage regional GE expertise for leadership and project management training. As a result, the GE Foundation will support 64 positions in 14 locations across Indonesia and give more than 264,000 Indonesians access to quality healthcare.

## About the GE Foundation

The GE Foundation, the philanthropic organization of GE, works to solve some of the world's most difficult problems. With its partners, the GE Foundation focuses its efforts in the areas of health, education, the environment and

disaster relief. In 2012, the GE family invested more than \$200 million to global community and educational needs. For more information, visit [www.gefoundation.com](http://www.gefoundation.com).

\* Cousens S et al. *Regional and worldwide estimates of stillbirth rates in 2009 with trends since 1995: a systematic analysis*. Lancet 2011; 377:1319-30