

A composite image featuring a person's hands in a white lab coat on the left, holding a red pipette. The background is a scenic landscape of green terraced fields and blue mountains under a clear sky.

# SSMC Sustainability Report 2007

Quality & Innovation in all  
aspects of our business

We believe in preservation and con-  
servation of our environment and the  
well-being of society

## Environmental, Occupational Health and Safety

SSMC firmly believes that corporate social responsibility and environmental stewardship will contribute to sustained profitable growth and value creation. Since our inception in 1999, we have relentlessly focused and dedicated resources in the protection of our employees and the sustainability of our environment and the larger community.

SSMC Policy is to conserve and preserve the environment. With this conviction in mind, **SSMC has put environmental, occupational health and safety as a top priority in the design and processes of the factory**, with the intention of providing all our stakeholders with a 'greener' and safer environment.

Since startup from 2000, SSMC took the lead on environmental improvements for the semiconductor industry by being the 1st in NEWater implementation, installation of the VOC scrubber and the HF treatment plant. We also set the benchmark for the elimination of IPA in wet bench cleaning, and several PFC (global warming gas) reduction projects.



**Singapore Environmental Achievement Award**

**In 2007 we were honored to receive the Singapore Environmental Achievement Award for year 2006, deemed as the "Green Oscars" for the Environment.**

This award is established to honour and highlight outstanding efforts by companies that contribute to environmental sustainability in Singapore.

We also have well designed safety installations around SSMC, which offers maximum protection to our employees and the environment. It is managed through early detection and recovery where facilities and equipment are monitored round the clock. An emergency response team is on standby to respond to all type of abnormalities.

**We have been winners of the Workplace Health & Safety Innovation (WSHI) Award 2006 & 2007**,

which is awarded by Workplace Safety & Health Advisory Committee / Ministry of Manpower. This award recognizes teams with innovative solutions that improve safety & health in the workplace.



**Gold Award for WSHI**

SSMC sees suppliers as an integral part of our sustainability strategy. Towards this, we have implemented the Supplier Maturity Grid Program, which rates suppliers on their compliance to the environmental requirements. Through this program, we hope to influence other companies in achieving safety and environmental excellence.

We pride ourselves in setting clear and concrete environmental action plans set forth in our ECOvision Journey where we monitor consumption in the areas of energy, water, and generation of waste and use of substances. This is part of our well established Environmental Management System based on the ISO 14001:2004 and Occupational Health & Safety Management System, OHSAS 18001:1999 standard.

## Training conducted in 2007

To ensure SSMC employees are well-equipped with safety awareness and work in an environment that is healthy, safe manner, training below are conducted regularly throughout the year.

## Society: improving people's lives Our Environment, Our Future...

Whilst SSMC is thriving in the semiconductor business, we are actively involved in caring for the well-being of our society. "It is SSMC's company culture to embrace the believes in preservation and conservation for environment in all aspects of our business; **it is so important for us to share these values to the next generations. At young age, the exposure given to the protection of our environment and society will instill the thoughts of a clean-and-green environment and being a caring society for our future.**" says Mr. JagadishCV, the CEO of SSMC.

In 2004, we committed ourselves to the good of the local community to adopt 2 institutions, Siglap Secondary School & Meridian Junior College. Through this adoption, we have conducted social investments by organizing and sponsoring the environmental activities together with them.

Since 2005, every year, together with the 2 institutions, we would co-organize activities like coastal clean-up. Last year, over 50 volunteers include SSMC Green Staffs (volunteers from SSMC) and students from the 2 institutions have had help to clean up the Pasir Ris Beach & Mangrove. The objective is to introduce the students on importance of clean environment.



In 2007, apart from the coastal clean-up, we have worked with Meridian JC on a community service project in building a site-map for Pasir Ris Mangrove Swamps, a new conservation area. The objective is to increase public awareness of the natural resources available and to educate the young on how to contribute to the community at large and promote awareness of the local community. The map construction was carried out together with the Singapore Environment Council's Green Volunteer Network who provided expertise in methodology of mapping and detailing of trails information for the swamp map. The map was launched in 2007.

**"SSMC have propelled the awareness on environment to national level"** by sponsoring the annual event of Clean & Green Week Exhibition which is organized by National Environment Agency (NEA). This is a very important platform whereby students, from both the institutions, to showcase their environmental activities and share their experiences and knowledge with the public. In March 2007, we are presented SSMC with Partnership Awarded by NEA.



Looking back, SSMC's unique approaches to create a responsible company both to staffs and local community has created an impact on society and environment and health as a whole.

## Impact on Society

It is a global trend for corporations to sustain and grow their business without neglecting their social responsibility to the community. SSMC is also a strong advocate of being a socially responsible company and through our many community relations programmes, we had firmly established ourselves as a corporation who cares. Herewith is the summary of our contribution for 2007.

Our commitment to Student Care Services (SCS) goes way back to 2003. Since then, **we have endeavoured to provide direct social work services and financial support to these students support to the SCS programme.** Examples of our contributions for the past year include

- 1) sponsorship of guided reading programme to enhance their reading and comprehension skills
- 2) sponsorship of overseas expedition trip to build up the children's independence and social skills



(Left) CAMBODIAN CHILDREN PROJECT T-SHIRTS QUEUING UP FOR THEIR CHRISTMAS PRESENTS.



(RIGHT) SSMC SPONSORED STUDENTS HELPING TO BUILD A VOLLEY-BALLCOURT FOR THE CHILDREN

PICTURES ABOVE ARE TAKEN FROM CAMBODIA

SSMC also sponsored book prizes and scholarships to deserving students in Universities and Polytechnics. We also have a very comprehensive Training and Education Programme that we use to work closely with the various educational institutions Our Industrial Attachment Programme oversees on-going placements of students from the tertiary institutions like NTU, NUS and Polytechnics. The aim of these programmes is to familiarise students with the wafer fabrication industry and in a way, entice talents to join our ranks. Our yearly "Career Familiarisation Programme" and the Open Houses aims to expose students to this industry and thus creating awareness in them.

It is well said that "blood equals life". SSMC had given much "life" back to the community in our continued partnership with Singapore Red Cross Society since 2002 with our yearly blood donation drives. In our bi-annual blood donation drive held in June 07 and Nov 07, we achieved a commendable rate of successful donors of 84% and 83% respectively. SSMC would like to express our heartfelt gratitude to these noble donors for making the events a resounding success.



The Government of Singapore has taken an active stance in promoting the Arts scene in Singapore. SSMC has also heeded the call to be more active in the arts scene. We went to the crux of the matter and became involved in sponsoring NAFA for their Fine Arts Awards since 2006. These awards serves as tremendous help and encouragement for the students to pursue an arts education in Singapore.