



**COMPATIBLE  
TECHNOLOGY**  
INTERNATIONAL

**tools for the harvest  
hope for the hungry**

## STAGGERING STATISTICS

**1 in 12** people worldwide is malnourished including *160 million children under the age of 5*

**1.3 billion people in the world** have no access to safe drinking water  
*5,000 children die each day from water-related disease*

**3 billion people** in the world today struggle to survive  
**on less than \$2**  
(US dollars) per day

# Helping the Bottom Billion

Most of the world's bottom billion people live in remote rural regions and make their living from agriculture. They coexist with the 21st century, but depend on 14th century tools to feed and support their families. With limited land to cultivate, the difference between the ravages of extreme poverty and a sustainable life can be how their meager produce is processed, stored and even marketed.

Compatible Technology International (CTI) is a nonprofit organization that provides sustainable solutions to help people feed themselves and improve not only their nutrition, but their daily living potential. CTI focuses on improving water quality and post-harvest practices, where the introduction of simple tools can give impoverished farmers more food for their families, better nutrition, and business opportunities.



## A Unique Organization With a Distinct Vision

CTI alleviates poverty and hunger in the developing world by designing and distributing simple technologies that help farming families process their crops more effectively. These adaptive, culturally appropriate devices have a ripple effect in the communities where they are placed; giving women and children time to pursue educations and providing families with the means to start micro-enterprises. The CTI approach is dedicated to ensuring that the 'bottom billion' has a sustainable path toward lifting themselves out of hunger and poverty; it's not about hand-outs, but a hand up.

### OUR VISION

**A world in which all people have adequate nutritious food and clean water.**

*"helping the poorest small-holder farmers grow more crops and get them to market is the world's single most powerful lever for reducing hunger and poverty."* — Bill Gates



# CTI at work in communities around the world



## Developing Micro-enterprises

*At Work in India:*

### Relieving Poverty with Potato Processing

Using CTI-designed cool storage sheds made from local materials, farmers are able to keep their potatoes from rotting for an additional four months out of each year. When combined with the use of CTI's potato processing tools (e.g. peelers, slicers, dryers, and grinders), families in India are making a living selling potato snacks to local businesses.



## Relieving Malnutrition

*At Work in Haiti:*

### Treating Malnourishment with Peanut Processing

CTI supplies grinders to a partner nonprofit that prepares a peanut butter based nutritional supplement for severely malnourished children. With CTI equipment, thousands of Haitian children have been brought back from the brink of starvation. CTI is developing a project to provide a similar nutritional supplement in India, where the malnutrition rate among children is the second highest in the world.

## Maximizing Indigenous Crops

*At Work in West Africa:*

### Combating Famine with Pearl Millet Processing

Pearl millet is a staple food crop in some of the most famine vulnerable regions of Africa. Families spend hours using rudimentary tools to extract the pearl millet grain, only to lose about half of their crop in the process. CTI has developed a set of hand-operated tools that extract 90% of the pearl millet grain from its stalk, potentially doubling the food supply in some of the most impoverished regions in the world.



## Expanding Water Technology

*At Work in Nicaragua*

### Providing Clean Water

CTI has a simple, inexpensive chlorinator that disinfects water by directing the flow over solid chlorine tablets in a simple configuration of PVC tubing. It can be built in a matter of hours using basic hand tools. CTI is also compiling a comprehensive portfolio of other appropriate technology solutions that address the world's varied water challenges. Where an effective technical solution already exists, CTI will promote its use. Where no known solution exists, new technology will be developed to supplement our current water chlorinator.



To see many more examples of how CTI is making a difference, visit [compatibletechnology.org](http://compatibletechnology.org)



CTI was founded in 1981 by a group of missionaries, research engineers and General Mills food scientists.

Since that time CTI has helped people around the world feed themselves with greater predictability and nutrition.

### COUNTRIES where CTI technologies can be found include:

Bangladesh  
Congo  
D.R. Congo  
El Salvador  
Ghana  
Guatemala

Guinea  
Guyana  
Haiti  
India  
Kenya  
Liberia

Malawi  
Mali  
Mozambique  
Nicaragua  
Peru  
Senegal

St. Lucia  
Sudan  
Tanzania  
Uganda  
Zimbabwe



**A CHINESE PROVERB:**

**Give a man a fish  
and feed him for a day.**

**Teach a man to fish  
and feed him for a lifetime.**

**CTI BELIEVES:**

**Teach a man to make a hook  
and his micro-enterprise can  
help raise the standard of living  
for his whole community.**

Three quarters of the world's poor live in rural areas and work in agriculture. Hunger and malnutrition are higher in these regions.

**CTI creates simple, robust, and culturally appropriate devices**

which allow the rural poor to start new businesses, preserve more of the food they grow, eat more nutritiously, and have access to safe drinking water.

*CTI devices include:*

- Cool Storage Sheds
- Corn Shellers
- Graters
- Grinders
- Hullers
- Peelers and Slicers
- Solar Food Dehydrators
- Strippers/Threshers/Winnowers
- Water Chlorinators



**CTI needs your help.**

**VOLUNTEERING**

CTI relies on an army of skilled volunteers to develop innovative technologies and to plan and implement its programs.

**FINANCIAL SUPPORT**

The demand for CTI's solutions has never been greater. Although agricultural development is a proven pathway out of poverty, very little official aid goes towards this effort.

CTI depends on individuals, foundations, and corporations to invest in simple solutions that have an enormous impact.

**Please call 651-632-3912 or email  
[cti@compatibletechnology.org](mailto:cti@compatibletechnology.org)**

*to find out how your donation can make a big difference in the lives of many.*

**Over 80% of our budget directly funds projects and programs;** CTI prides itself on efficient and effective spending.

CTI has been awarded the seal of approval by the Charities Review Council Smart Givers Network.





# COMPATIBLE TECHNOLOGY INTERNATIONAL

800 Transfer Road, Suite 6  
Saint Paul, MN 55114



For over 25 years, CTI has remained devoted to alleviating hunger and poverty and promoting food security in the developing world.

Visit our website for more information about CTI and the important work we do with your help.

[compatibletechnology.org](http://compatibletechnology.org)