

Nation In A Box

Changing the World's Economy
One Nation at a Time



Remarkable Technologies, Inc.'s Vision

RTI has a vision of entering into partnerships with developing nations to create a "win-win-win" scenario, one in which:



Problems Facing Nations Today



**Shortage of
Fresh Water resources**

Problems Facing Nations Today

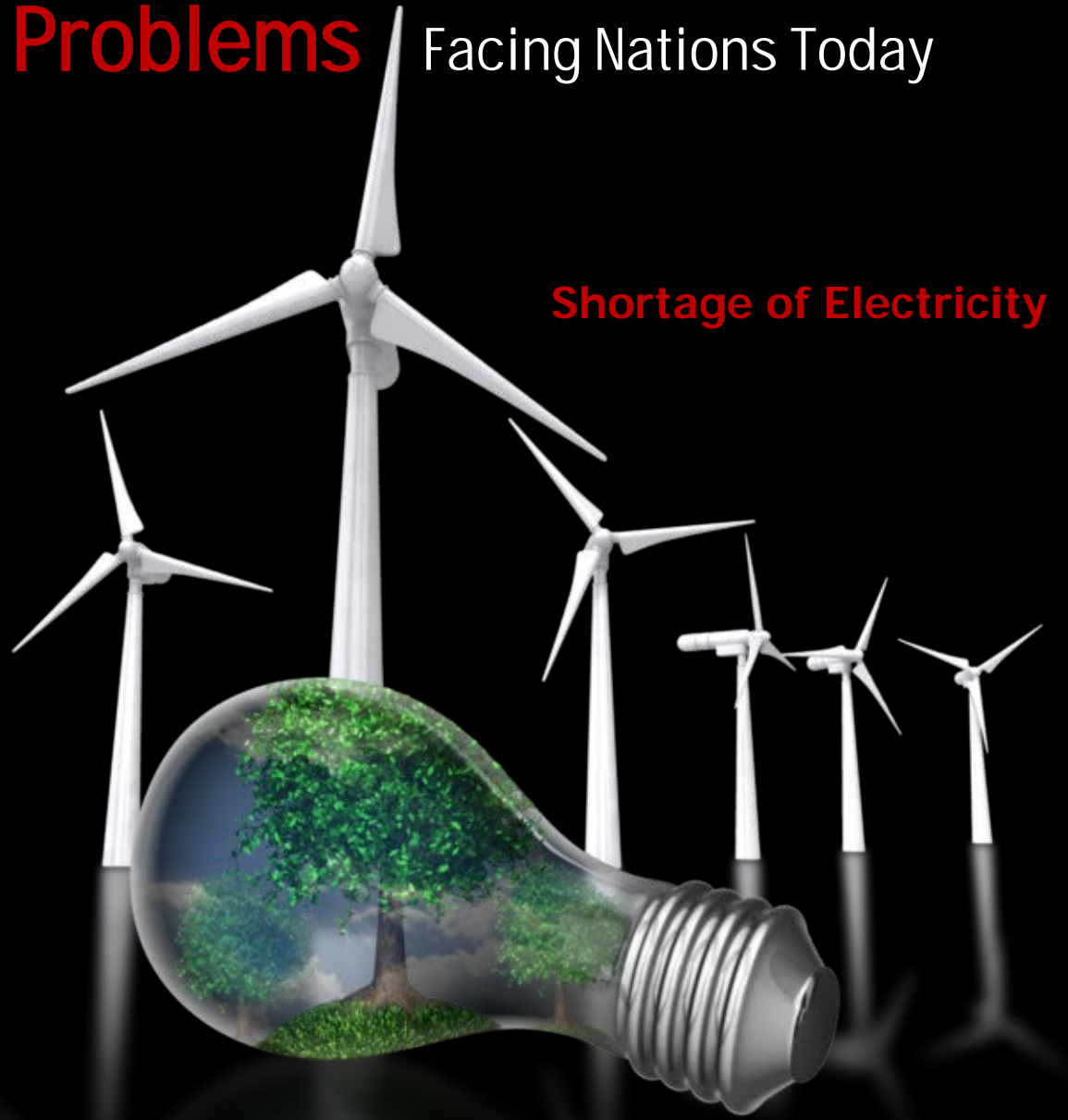
Sanitation:

- ✓ Water Supply
- ✓ Sewage & Water Treatment

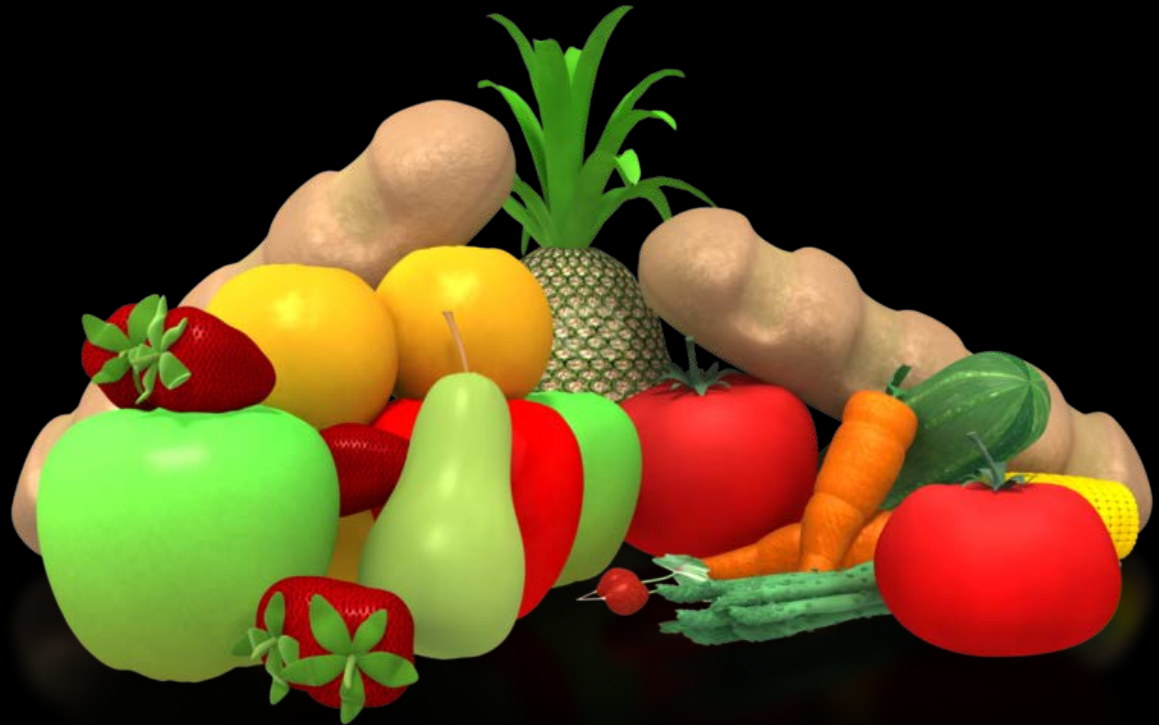


Problems Facing Nations Today

Shortage of Electricity



Problems Facing Nations Today



Malnutrition: Adequate Food Supply.

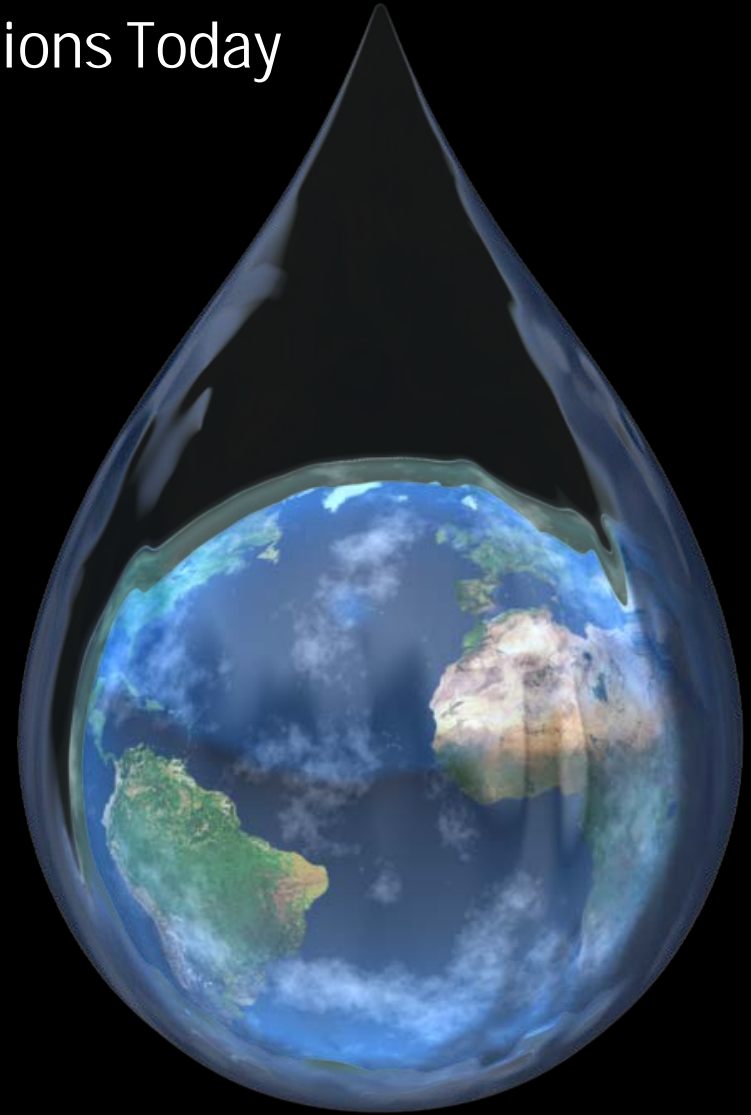
Problems Facing Nations Today

Adequate Housing



Problems Facing Nations Today

Environmental Pollution



Problems Facing Nations Today



Problems Facing Nations Today



Problems Facing Nations Today



Changing Nations Economy with Technology and Education...



Developing nations usually struggle to earn money. This results in less food for citizens, very little clean water, no electricity, poor health, high disease rates and early deaths.

Education is one of the *keys* to making change!

With no electricity, fuel, food, water, medicine or education, **"no life" becomes their "daily life!"**

Problems Facing Many Nations Today: **Shortage of Fresh Water Resources**



Problem: **Sanitation:** Water supply, Sewage, and Water Treatment

Remarkable Technologies, Inc. (RTI) believes that *clean water* is a fundamental human right!

- ❑ **Water fact:** At least 50% of the world's population lacks access to adequate sanitation.
- ❑ **Economic Impacts:** Attaining a sustainable sanitation and water delivery system is *key* to reducing poverty.



Problem: **Shortage of Electricity**

- ❑ An estimated **79 percent** of people in the developing nations (the 50 poorest nations) have no access to electricity, despite decades of international development work.
- ❑ On a global basis, about **1.5 billion people live without electric power**. This is one-quarter of the world's total population and it is concentrated primarily in Africa and southern Asia.



Problem: **Malnutrition** | Adequate Food supply

- ❑ Many nations have populations too large to fit within their boundaries or to feed with their existing resources.
- ❑ It is primarily in the developing countries that protein energy malnutrition (PEM) affects 500 million people and kills 10 million of this group every year.



Problem: **Adequate Housing**

- ❑ Millions are living in shacks without water, electricity or proper facilities for human waste.
- ❑ Therefore, the sanitation associated with inadequate housing becomes a major problem that leads to disease.



Problem: **Environmental Pollution**

- ❑ Many environmental problems arise in the developing nations. Air pollution, water pollution, deforestation, soil erosion and poisoning of the environment are among the largest of these.
- ❑ The overpopulated cities in developing nations have become a cesspool of pollution.



Problem: **Poverty Facts**

FACT

Almost half the world - three billion people - live on less than \$2.50 a day.

FACT

Nearly a billion people entered the 21st century unable to read a book or sign their names.

FACT

An estimated 40 million people are living with HIV/AIDS.

FACT

Every year, there are 350 to 500 million cases of malaria with 1 million fatalities.

FACT

A quarter of humanity - 1.5 billion people live without electricity.



Problem: **Poverty Facts** (cont).

Of the 1.9 billion children from the developing nations, there are:

- ❑ 640 million without adequate shelter (1 in 3).
- ❑ 400 million with no access to safe water (1 in 5).
- ❑ 270 million with no access to health services (1 in 7).



Problem: **Poverty Facts** (cont).

- ❑ In developing nations, some 2.5 billion people are forced to rely on biomass fuel, wood, charcoal and/or animal dung to meet their energy needs for cooking. In sub-Saharan Africa, over 80 percent of the population depends on traditional biomass for cooking, as do over half the populations of India and China.
- ❑ Indoor air pollution resulting from the use of solid fuels [used by poorer segments of society] is a major killer. It claims the lives of 1.5 million people each year, more than half of these victims are below the age of five. To put this number in context, it exceeds total deaths from malaria and rivals the number of deaths from tuberculosis.

Problem: **Country Debt**

- ❑ Many developing nations have incurred large debt and the amount of money owed is quickly increasing. Trying to pay off the debt has become a serious problem for these nations. In turn, it causes great hardship for their national population.
- ❑ The poorer the nation, the more likely it is that debt repayments are being extracted directly from its people, who neither contracted the loans nor received any of the money.



Water Solutions:

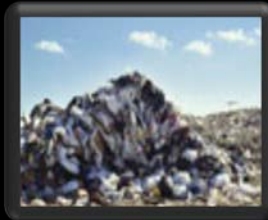
Partnering With Remarkable Technologies

RTI, through education and specific technologies, has a vision to change the world by developing solutions for the problems that exist today in most developing nations.



Energy Solutions

To Develop Economic Stability



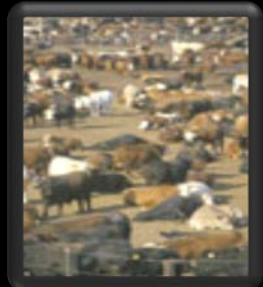
Landfill Garbage



Sewage Sludge



Spent Tires



Agricultural Waste

Using waste streams that cause major environmental problems and turning them into Clean Energy!

RTI, in association with its strategic alliance companies, has many solutions for developing low cost energy, such as:

- ✓ Waste-to-energy systems that take garbage and turn it into clean, renewable energy.
- ✓ Solar technologies that can pay for themselves in less than three (3) years.



Malnutrition – Food Production & Distribution



- ✓ Under the umbrella of RTI, technologies and processes have been developed to grow food for the world.
- ✓ These technologies can be implemented wherever water exists. Water will be RTI's number one priority in any country with whom a partnership alliance is formed.
- ✓ Not only will malnutrition be eliminated, but locally grown food can even become an export to add to the partner country's economic stability.

Solutions to Environmental Pollution



State of the art Sewage Treatment plant



Water treatment for potable water

- ❑ Under the umbrella of RTI, numerous technologies exist that can remediate toxic waste sites.
- ❑ When RTI's sewage treatment system is joined to its water treatment and water desalinization systems, a majority of the water pollution problems can be addressed and corrected.
- ❑ RTI, through its clean waste-to-energy technologies, can eliminate garbage, spent tires and sewage sludge and turn these harmful environmental elements into clean sources of renewable energy.
- ❑ By providing an infrastructure for potable water and sewage treatment, RTI will help to eliminate many of the major factors that cause environmental pollution.

Solving Health Issues



- ❑ RTI also has companies under its umbrella that have developed new and better treatments for malaria and poverty related diseases.
- ❑ By providing clean, potable water in the future for drinking and sanitation purposes, RTI will help eliminate many of the health issues that developing nations are facing today.
- ❑ By providing a means for developing nations to feed themselves, RTI provides a means to eliminate malnutrition and, thus, save millions of lives each year.



Providing New Housing

RTI has two (2) partner companies that have developed low-cost, affordable housing units. RTI believes that building homes is just one of the industries that can help develop a country's economy.

From This ↓



To This ↓



Education

Education is also a key component in providing employment.



- ❑ As RTI starts the process of rebuilding a country's economy, it will begin by installing water and energy technologies. This first step will create many jobs.
- ❑ To meet the skills required by these jobs, RTI will establish technical training schools that can train the local labor force to meet the skill sets required of each new job.

Building An Economic Base For A Nation

1. RTI's first priority will be to address water needs.
2. The second priority will be to address energy needs.
3. A final priority will be to *master plan* a viable economic development course for each participating nation to build future industries, such as agriculture, health services, engineering, construction and manufacturing.

From This



From no
Electricity to



To This



From this to



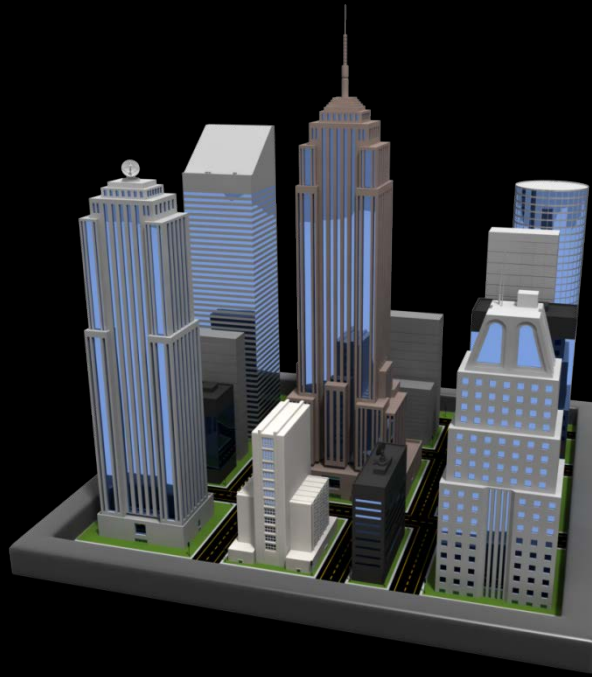
Establish An Economic Base For A Nation (Continued)

As part of its master plan for a developing nation, RTI has either developed or has license agreements for technologies that will enable a participating nation to develop a long term economic plan. These technologies involve:

- ✓ Water treatment
- ✓ Sewage treatment
- ✓ Renewable Energy Generation
- ✓ Building materials
- ✓ Production of Food
- ✓ Transportation
- ✓ Education
- ✓ Manufacturing
- ✓ Medical supplies
- ✓ And many new technologies currently being developed



Summary



- ❑ RTI's goal is to provide developing nations with water, energy, jobs, affordable housing, medical care, transportation, food and educational facilities.
- ❑ By establishing a long-term relationship with participating nations, RTI hopes to provide a sound economic base, which, in turn, will enable each country to free itself of debt and create a better life for all of its citizens on a sustainable basis.

Questions?

