

www.globalgreenminiclinic.com

GLOBAL GREEN MINI CLINIC



Dream Concept of Rural Medical Facility

Introduction:

Global Green Mini Clinic offers most versatile, simple, easy, extremely appealing and problem solving way out for billions of remote and village locations globally. Green EPD Builders LLC builds Global Green Mini Clinic not because it envisions huge development in B R I C countries or African countries, but because we believe The Mini Clinic at village and remote locations will change the scenario of basic health treatments that are the entire developing and under-developed countries need and just because such facilities are not there.

We all see numerous people dying the world over for easily treatable diseases, treatments and medicines for which are with the Medical Sciences since the last few decades etc; like Cholera, Malaria, HIV, AIDS, Diarrhea etc are glaring examples. This is what concerns us and our Global Green Mini Clinic is of such simple and innovative solution developed with a great team of visionaries after ample study of the type and size of the unit that would fit tropical, warm village and remote locations, where most of the time electricity and water is always a problem.

We affectionately call it our "GLOBAL GREEN MINI-CLINIC"



Our Aim:

This mini-clinic would be used by people who do not have medical facilities in their towns or villages and have to go approximately 10, 20 or sometimes 30 + kilometers / miles to have some primary care and treatment. Our plan is designed to help the population in practically every sub-district or village.

Our basic aim is to ensure that all deprived areas of the world have medical clinics by which people will be able **to have primary medical care** with access to regular medical checkups. The mini-clinic will be served by physician assistants / nurses / midwives and other qualified trained healthcare personnel. We certainly believe that our stationed-Mini-Clinic units **[not mobile units]** can very quickly change the landscape of village level medical treatment in many Asian, African, Eastern European and South American countries; apart from our offer to customize the Mini Clinics for any special needs in North America and Western Europe as well. Our team of experts can certainly work with you on a one to one basis for such matters.

Our mission is to provide primary medical facilities to the human being born on this earth no matter how interior or rural area they are living; for the population who has to travel long distance before getting medical treatment; to provide the medical clinics in a manner by which once it is installed, the community or village can take the benefit round the year and keep themselves healthy, with the lights on, the patients would have medical care.

Global Green Mini Clinic is just not a commercial product; it is a concept which intends to revolutionize the rural and village Health Care scenario and create employment & an entrepreneurial spirit to own Mini Health Centers in remote areas and villages of all desirous countries



LINE OUTSIDE CLINIC

World's Disease Burden:

About 56 million people died in 2001. Of these, 10.6 million were children, 99% of whom lived in low and middle-income countries. More than half of child deaths in 2001 were attributable to acute respiratory infections, measles, diarrhea, malaria and HIV/AIDS. The ten leading diseases for global disease burden were prenatal conditions, lower respiratory infections, ischemic heart disease, cardiovascular disease, HIV/AIDS, diarrheal diseases, uni polar major depression, malaria, chronic obstructive pulmonary disease, and tuberculosis. There was a 20% reduction in global disease burden per head due to communicable, maternal, prenatal, and nutritional conditions between 1990 and 2001. Almost half the disease burden in low-and-middle-income countries are now from non-communicable diseases (disease burden per head in Sub-Saharan Africa and the low-and-middle-income countries of Europe and Central Asia increased between 1990 and 2001). Under nutrition remains the leading risk factor for health loss.

An estimated 45% of global mortality and 36% of global disease burden are attributable to the joint hazardous effects of the 19 risk factors studied. Uncertainty in all-cause mortality estimates ranged from around 1% in high-income countries to 15–20% in Sub-Saharan Africa. Uncertainty was larger for mortality from specific diseases, and for incidence and prevalence of non-fatal outcomes.

Our Target:

By illustrating Ghana in West Africa, In terms of market potential, the current trend indicates that the market is enormous. Our conservative estimate is that on the average initially, we plan on selling 10 Mini-Clinics per district. There are approximately 170 districts in Ghana which means that we are looking at selling approximately 1070 units minimum within the twelve months. Through aggressive distribution channels we should be able to sell more units.

We believe that once those units are in different locations, the multiplier effect of demand will be very high and we should be able to offer as much as 2000 to 2500 units in the next three years. Similar in any country where health facilities are par below as per the records of WHO, we target to at least similar number of units so that rural communities can get advantage of Green Clinics globally.

Unique Design:

The product we are offering is uniquely designed to meet the needs of developing economies and combat the shortages of modern clinics in rural areas and thereby reduce the incident of communicable diseases in the country. We believe that we are uniquely positioned to penetrate and gain market share in this segment due to our corporate and government relationships. Also our ability to build a regional and ultimately a national field clinical program would help us to create a competitive market program that would expose our concept to the total population.



Competitive Advantage:

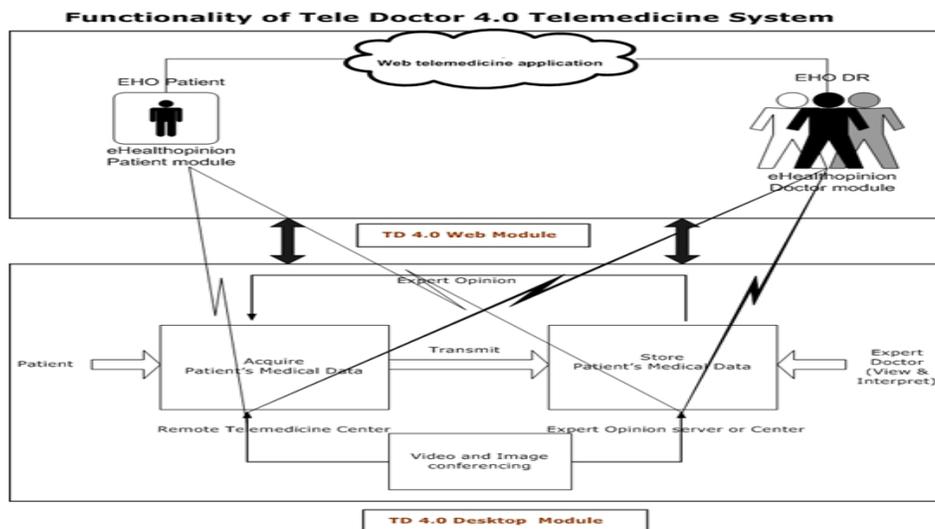
The competitive advantage inherent in the mini-clinic concept is obvious. It should be stated succinctly that nothing like this type of product has been placed in the market place. Although the current technology involved in the mini-clinic is available to many people in the market place but nobody has thought of offering this as a comprehensive solution to the shortages of medical facilities.

Tele-Medicine:

Our Global Green Mini clinics are equipped with Tele-Medicine systems and capable of communicating patients problems and virtual treatments are possible through video-connectivity even at low bandwidth rates, while having an internet connectivity is essential, the benefits of Tele-medicine systems are now recognized world over and especially by W H O also by the results that are seen the world over. At the same time, in advanced countries it is now at the next level, while old patients are using it to frequent travel to medical centers and also Child Day Care centers are implementing to increase their service efficiency and undertaking primary healthcare problems of kids to avoid their parents to leave their day time jobs to be with their children right away.



Benefits and uses of Telemedicine can be extremely beneficial for people living in isolated communities and remote regions and is currently being applied in virtually all medical domains. Patients who live in such areas can be seen by a doctor or specialist, who can provide an accurate and complete examination, while the patient may not have to travel or wait the normal distances or times like those from conventional hospital or GP visits. Recent developments in mobile collaboration technology with the use of hand-held mobile devices allow healthcare professionals in multiple locations the ability to view, discuss and assess patient issues as if they were in the same room.



Telemedicine can be used as a teaching tool, by which experienced medical staff can observe, show and instruct medical staff in another location, more effective or faster examination techniques. It improved access to healthcare for patients in remote locations. "Telemedicine has been shown to reduce the cost of healthcare and increase efficiency through better management of chronic diseases, shared health professional staffing, reduced travel times, and fewer or shorter hospital stays." Several studies have documented increase patient satisfaction of telemedicine over the past fifteen years.

We and You have reasons to be Green:

It's not just a reason that we wanted to have Green Mini Clinics, much has been there behind our concept. Reasons that went behind making the Mini Clinic Green and to make it stationary are more than a few. Here are some of the vital ones:



- a) Worldwide the dependency on electricity in developing and under-developed countries is as good as being "Uncertain" , so how can we depend on smooth functioning in remote locations
- b) The confidence level of "Owner Operator" has to be very comfortable
- c) The program seeks to work with local people and authorities to offer mini-electrical sources for charging of batteries for home lighting and more
- e) In many windy locations, just a mere 10 KW system of Wind Generator can pay wonders at practically no cost for days and nights all together.
- f) By running specially arranged TV shows, during evenings, villagers can be educated to take more benefit of green sources around them while the Mini-Clinic works as a great example for them.

There are many more reasons, some of them we may not know, we welcome your suggestions as well, please e Mail and we shall be glad to add here.

Cell Phone Medicine Systems:

Cellular / Mobile phones are indeed a boom of technology to villages, rural locations and hilly terrains. In most countries these days, the per-capita ratio of mobile phones has indeed gone higher than one could have imagine, Our GLOBAL GREEN MINI CLINICS come with an offer to implement CELLULAR PHONE BASED TELE-MEDICINE, where internet connectivity would not be possible, or even if One could wish to have it additionally as a resource with the nurse at the clinic to equip themselves for visiting old, disabled, pregnant or very sick patients.

Mobile phones are used heavily throughout the world, even in remote villages, rural communities, hilly terrains, and other hard-to-reach areas. Even very poor people have basic phones and cell service. Hence, a mobile phone-powered telemedicine and patient management system taps into existing telecommunications infrastructure, draws upon widespread familiarity with the phones and there is no extra requirement of any type of electricity.



We offer MOBILE PHONE-POWERED TELE-MEDICINE SYSTEMS for people living at the bottom of the healthcare pyramid and where because of poor communication and internet connectivity to the mobile phone powered systems work good, specifically when

- Clinics do not foresee to get Internet connectivity in near future
- Clinics, without the right systems and without electronic health record (EHR) systems
- Clinics extending care with home-visit nurses or health workers for old, disabled, pregnant or very sick patients
- Clinics equipped with Internet and computers needing additional mobility to deliver care while moving around in the clinic or outside of the clinic

We offer these systems through partnership with one of the most innovative mobile telemedicine companies in the world, ClickMedix, which has designed the system with faculty members and graduates from Massachusetts Institute of Technology (MIT) and Carnegie Mellon University (CMU).

ClickMedix MOBILE PHONE POWERED TELE-MEDICINE SYSTEM allows clinic staff to:

- 1) Manage patient care through an electronic medical record system that can be used through mobile phones alone or in concert with Internet connected computers
- 2) Draw upon leading medical experts through tele-consultation by following structured, medical protocols to gather information necessary for remote diagnosis and treatment advice
- 3) Collect ongoing health updates to manage chronic diseases, to treat infectious diseases and to alert public health authorities of emerging epidemics and epidemiology risks
- 4) Obtain healthcare training from remote medical education organizations

These four factors work together to improve patient health outcomes with no additional resources. In addition to improved health outcomes GLOBAL GREEN MINI CLINICS have a net positive effect on the environment by eliminating unnecessary, and medically ruinous, travel.
To buy this system is as optional facility at your choice but it is very useful system.

World Health Organization, has included these in their compendium of new and emerging health technologies that address Global Health Concerns 2011

Global Green Mini Clinic Vs Mobile Clinic

Parameter	Global Green Mini Clinic	Mobile Clinic
Purchase Cost	Affordable	Rather expensive. Estimates suggest a purchase cost about 5 times the cost of the Mini Clinic
Operational Cost	Minimal Operational Cost. Once delivered costs little to operate	High Operational Cost – Cost of petrol, oil, breakdown and repairs etc
Geography/Terrain	Once delivered, can still be operated in bad weather conditions	The geographical terrain and imperatives may preclude operation due to difficulty in movement Rain, Poor roads will limit access to certain areas
Operation	Can provide round the year service operation	Only specific days as per fixed route operation
Predictability	It is predictable and its location is known and constant	Unpredictable. Operation cannot be predicted because it may not arrive in a community for any number of reasons
Community and Social Implications	The community in which it is located can take ownership and feel part of the operation and protect it and feel proud. This could be a source of Political Capital for the incumbent Government	The Community can only hope it belongs to them & it comes for certain days only
Job Opportunity	Tremendous job opportunity for the local community where it is located	Limited job opportunity for the local community
Application/Adaptability	The Mini Clinic can be adapted to suite several needs – An Outpatient, a surgical suite, an admission ward and serve any discipline	Very limited adaptability
Personnel as a limiting factor	Operation is predictable and does not depend on ancillary personnel limitations	Absence or Lack thereof of even a driver can cripple operations

Battery Charging Facility:

This system also provide a battery charging facility to the community so they can light up their homes for which they have to bring the battery to the facility and get it charged with the help of the solar system. We will also be providing two units of batteries and as more are needed, we can provide for their better future.

Strategic Relationships:

The first point in the strategy is building relationships with decision makers at major health and medical associations in the country. We also plan to introduce the mini-medical clinic concept to health and medical secretaries and medical colleges who we believe will give it a legitimate stamp of approval. The fact that there is a unique product that would help immensely to improve the health condition of the majority of the people in the farther rural areas is commendable. That the mini-clinic would be needed and provide services at a low cost for people who would be able to get

treatment and care is admirable and would add to the quality of health for the population.



Cost-Recovery Health Delivery:

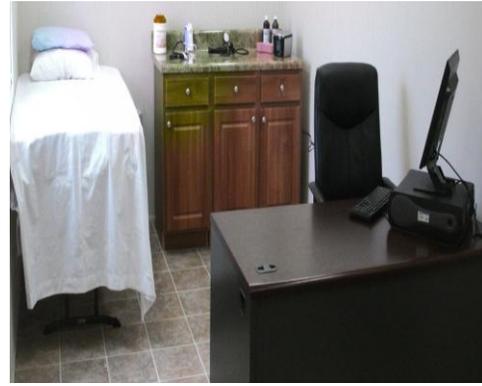
It is important to notice that health services has operated a cost-recovery health delivery system known as the "cash-and-carry" system whereby patients are required to pay up-front for health care services at government clinics and hospitals.

In a country where 80 percent of ill-health and early deaths is attributable to infectious diseases, pregnancy and child related problems and accidents, the National Insurance scheme is very reassuring, if they have and a big relief to the teeming masses who were very vulnerable to their circumstances.

Salient Strategy:

Now one salient point of this strategy is that we would be offering the product with six months to one year of medications inside the mini-clinic. This means that once the facility is installed, the nurses would be ready to start medical treatment. Any medical practitioner or any qualified senior nurse in an area or districts who desires to do this as a business or somebody who wants to invest in the mini-clinic and wants to hire a nurse to operate the clinic would be excellent. A group of people can also put forward a plan in a major town looking forward to putting forward five or six medical clinics in different areas. Also these mini-medical clinics could be attached to Regional and District Hospitals as additional outlets to

augment the floor spaces needed to treat maternity patients and other patients as needed.



Medical Association:

The second point of the strategy would be effectively building a small strong national opinion by the top four or five medical association stalwarts who definitely realize this is one of the solutions to the acute problem of healthcare delivery. Rather than waiting for large hospitals to come to the country which can take many years to build and operate, we can make healthcare available to the citizens of your country through these mini-clinics.



The Global Green Mini-Clinic: Helping the Government to achieve its goal:

Among other socio-economic priorities, health is one of the issues that are at the forefront of the Millennium Development Goals (MDGs), which we hope to fulfill by 2015. The Governments therefore prioritized health issues within the MDGs, three of which deal with health issues. **The fourth of the goals of the MDGs** is to reduce under-five mortality rate to two-thirds by 2015; the fifth goal is to reduce the maternal mortality ratio by three-quarters by 2015, and the sixth is to try and to reduce infection rates of HIV/AIDS, malaria, and other communicable diseases associated with hygiene and the environment by 2015.



All of these have been made primary health goals, which the government has sought to; integrate into community level health care. The main challenge in achieving the health-related MDGs, according to the ministry of health "is to increase overall coverage and to reach the poor more effectively". We believe that this is where the availability of the mini clinics would be an added boost to help accelerate health care delivery throughout the country.

Technical Basics:

Plan: Rural and semi urban oriented.

Size: 40 ft. X 10 ft. Concrete building built with US patent pending energy saving wall panels.

Interior Module: [1] Attendant Area with Desk, Patient checkup bed & medical storage [2] Waiting Area [3] WC and storage area

Construction on site: The set up can be put in use immediately after installation, it won't need re-assembling

Water and Electrical Power materials: Electrical configuration is not difficult. It can be done by simple electricians following our manual.

Design structure: According to international prefabricated construction safety standards.

Useful Time: Life tenure of use is 45 years or more of building, subject to regular maintenance and others as prescribed individually.

Transportation: Factory set up duly mounted [Or can be constructed in the base country also]

Transport: Packing: It is open packing of wall panels and other material in box or customized packing.

Note: These are the general specifications, it may differ if client condition and requirement changes.



Interiors:

Door: Entrance Door: It is a steel door; it is one side open with handle lock and keys.

Window: There are 2 sets of steel windows with metal window frame and bars (if desired)

Waiting Room: The reinforced PVC floor tile is imitated wood grain and it is stain concrete and environment protection.

Lighting: There are 2 ceiling lamps

Medical Examination Table: Wooden

Medical Clerk Room: The reinforced PVC floor tile in imitated wood grain.

Lighting: There is one ceiling lamps

Parts and Auxiliary Equipment: There is glass mirror, stainless steel clothes rack, towel rack, lavatory paper box, and stainless steel floor drain.

Turnkey Package:

We are taking utmost care and regularly updating the clinic's package and its facility to get maximum advantage to be given to needy people around the world. Our package will consist of:

Exterior:

1. Concrete Building of 400 sq ft
2. One metal door and two windows
3. Solar System of 660 watts of 3 panels
4. With battery back up
5. Water Tank 100 litres
6. Water Pump
7. Satellite for internet connectivity
8. Concrete logo embalmed signage
9. Wall mounted metal ladder

Interior Furniture:

1. Patient examination bed
2. With pillows & mattress
3. Consultant Desk/Table
4. Visitor Chair: 2 units
5. Executive Chair
6. Refrigerator
7. Garbage Bin: 2 units
8. Sitting Stool
9. Curtain with ceiling rod

Interior Construction:

1. Internal Wooden Door
2. Toilet with WC with flush tank
3. Toilet door, mirror & soap tray
4. Basin with tank less heater under sink
5. Towel Rod, Toilet Paper Holder
6. Surface Mounted Tube Light: 3 units

Interior Fixture:

1. Ceiling Fan: 3 units
2. Medical Storage Cabinet: 2
3. Base Cabinet w/SS sink with cabinet
4. Home Batteries: 2 units
5. Bed Side Medical Cabinet

Medical:

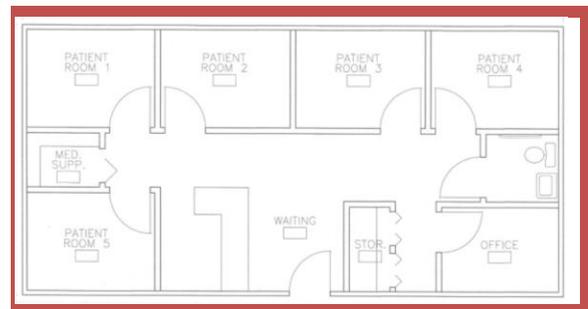
1. Computer System
2. Tele Medicine System
3. Ultra sonic water machine
4. Medicine Package estimated worth \$1000-
5. Stethoscope
6. BP Monitor
7. Thermometer
8. Basic First Aid Pack

Optional / Extra (Your decision):

1. Oxygen (O₂) Cylinder
2. Roll Away Bed
3. Solar System (additional than mentioned above)
4. Click Medix Cellular Medical Facility System
5. Home Batteries (additional than mentioned above)
6. Television for waiting area
7. Additional Visitor Chairs
8. More security bars on windows

Expandable Clinic:

When the community is larger and needs a clinic with a few beds then this clinic can be expanded by adding a unit of a five [5] Bed Hospital. That will make a much better facility where local patients can be admitted for overnight or a few days treatment. Just to have a view and we have taken utmost care for expansion as well.





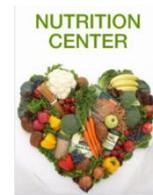
Possible Upgradable:

There are lots of ways to add aesthetics; one of them is beauty elevated building which also we can provide if your need desires. Apart from that even interiors and medical facility also can be improved from the beginning or after you have settled with basic one but this is to inform you that upgrades can be done as you wish for better health of your community

Possible Centres or Specialty Service:

You can plan for any center service or specialty service that our Global Green Mini Clinic can be used for such development. It's matter of efforts and enthusiasm for development. Below are a few symbolic centers and specialty clinics we can develop for you.

- Extension of over - crowded Hospital
- Decentralization of medical facility
- Nutrition, HIV, Infectious Diseases Center
- Church charity health centers
- Emergency Centers
- Eye, Dental, Nutrition or Women Center





WELCOME TO GLOBAL GREEN MINI CLINIC.....THIS IS JUST BEGINING

Green EPD Builders LLC

EARTH WAS GREEN, WE ENHANCE ITS GREENERY GLOBALLY IN MORE WAYS THAN EARLIER

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The logo for Green EPD Builders LLC consists of five icons in a row: a house with a green roof and leaves, a car with a green roof and leaves, a house with a green roof and leaves, a tall building with a green roof and leaves, and a globe with a green roof and leaves. Below the icons is the tagline "EARTH WAS GREEN, WE ENHANCE ITS GREENERY GLOBALLY IN MORE WAYS THAN EARLIER". Below the tagline is the address "2000 Riveredge Parkway NW, Suite 750, Atlanta GA 30328 USA", the phone number "Ph: 404-424-9292", the fax number "Fax: 866-929-5334", and the email address "eM: info.greenebuilders@gmail.com". Below the contact information is the website URL "www.globalgreenminiclinic.com".

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