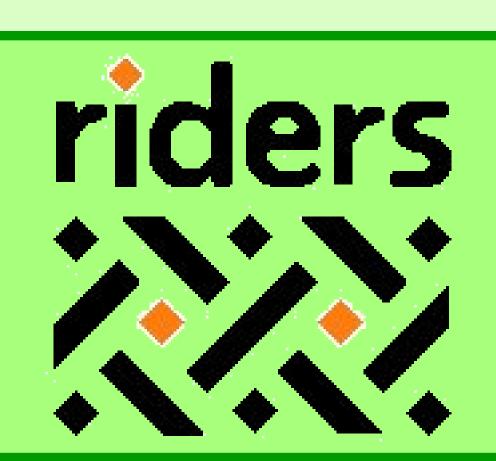


Riding for the Health of Haiti

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Needs Statement

In Haiti there is a need for transportation to help bring medical assistance to those who live in rural areas.



Background

Haitian Issues

- •Mountainous terrain
- Poor road conditions
- •Population (2006) 9,446,000
- •75% of population live in rural areas

Riders For Health

- •Provide and maintain vehicles used to help transport health care services to rural areas
- •Employ local people employs 230 people in Africa
- •Are already located in Zimbabwe, the Gambia, Nigeria, Kenya and Tanzania
- •International not-governmental organization
- •Zimbabwe had a 21% decline of malaria since riders had been established

Approach Statement

To help solve this need a Riders for Health base should be established in Haiti to help bring the hospitals and medical care to those who would normally not be able to reach it.

How to Establish Riders For Health

Prove that it is necessary to establish

- •3/4 of all the roads are unpaved
- •Hospitals are located only in main cities
- •The country is riddled with diseases that could be easily treated with modern medicine

•Identify the site that would be a possibility

- •Mostly coastline, boat launch to hospital
- •Miragoâne— rural area but by boat close to a hospital in Port-au-Prince

•Fundraising

•Raise money and awareness for the people of Haiti

Ideas for transportation

- •Boat that can unload a 4 wheeler
 - •Lots of water that helps connect the shorelines
- •Get to a hospital faster 50 miles, at 30 mph take 1:40 to get to the hospital
- •4 wheeler can be modified to contain a stretcher and house medical equipment
- •Used to get up the mountainous terrain





Diseases and Health Issues

Common Diseases By Age:

- •0-4 years: Infections disease, Respiratory infections
- •5-9 years: Parasitic Disease
- •10-19 years: HIV/Aids, Causes related to Maternity
- •20-59 years: HIV/Aids, Intestinal Infections
- •60+ years: HIV/Aids, Tuberculosis, Circulatory System

diseases

Other Common Diseases

Malaria Lymphatic filariasis

Measles
Diphtheria
Tetanus
Tuberculosis
Zoonoses
Rabies

Meningitis



Predicted Results/Outcomes

- •Reduction of curable diseases
- •Greater life expectancy
- Increased medical attention
- Possible disease eradication
- •Expansion of beneficial programs

References

"CIA - The World Factbook -- Haiti." CIA World Fact Book. https://www.cia.gov/library/publications/the-world-factbook/geos/ha.html.

Gage AJ, Guirlène Calixte M. "Effects of the physical accessibility of maternal health services on their use in rural Haiti." November 2006. http://www.ncbi.nlm.nih.gov/pubmed/17060054.

"HEALTH SITUATION ANALYSIS AND TRENDS SUMMARY." PAHO/WHO - OPS/OMS. http://www.paho.org/english/dd/ais/cp_332.htm.

http://www.kawasaki.com/Products/Product-Specifications.aspx?scid=15&id=391

p://www.munsonboats.com/index.html#

 $http://www.reliefweb.int/rw/fullMaps_Am.nsf/0/5727D1474D76675BC12574FE00376D39/\$File/mapaction_POP_hti080919.jpg? OpenElement the property of the property o$