



ANNUAL GLOBAL REPORT 2011

archive⁺ architecture for health
in vulnerable environments

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Message From The Executive Director

ARCHIVE has enjoyed a fantastic year, gaining prominence and acclaim for its work in Cameroon, Haiti and the UK. We remain one of the only organizations in the world exclusively championing improved housing design as a key means to improve health.

In 2011, we were recognized among the '25 Visionaries Who Are Changing The World' by Utne Reader and I was humbled to be named a Devex 40 under 40 International Development Leader in London. Both awards are testaments of our team, rather than an individual effort to develop innovative solutions to complex problems.

Broad ranging outlets such as NPR, the Lancet (the world's leading health publication) and the Wall Street Journal have featured our work while in August we were invited to share our work with a globally diverse audience at the Harvard School of Medicine. Elsewhere, we have been invited to chair an inter-ministerial meeting for the Cameroonian government and ensured

for the first time, that housing featured in the Global Fund's malaria strategy for Cameroon.

By the end of 2011, we had worked with over 300 Haitians in a country with the highest TB rate in the Americas. Treatment drains household income, draws children out of schooling and into work as well as increases child orphans.Yet my personal highlight was attending the groundbreaking for our housing project there. The hope and determination among the community members was evident.Though this first phase is a drop in the bucket compared to the national housing and health need, we're delighted that the strategies we advocate are informing rebuilding more widely.

We're clearly doing something right, but there is so much more that needs to be done.



Thank you so much for your continued support. Please do encourage others to support us to build health globally.

Many thanks,

Peter Williams

Message From The Board of Directors

It has been an exciting year of change at ARCHIVE. While we are still meeting our mission of using design to improve health, we have managed to deliver this mission in a number of new ways over the past 12 months.

In 2011, ARCHIVE reached over 100,000 people in West and Central Africa with its message outlining how improved living conditions can combat disease transmission.

In Haiti, over 7,500 residents directly benefited from our infrastructure improvement work in the Artibonite Department.

In the UK, on one day alone – World TB Day – we directly empowered 300 representatives across London to take up the dual challenge of addressing tuberculosis and poor living conditions in a city where both are on the increase.

Together, these three locations represent the geographical focus of our current program

of work. As we continue to implement, we ensure that these initiatives will remain self-sustaining.

Our Board extends heartfelt thanks and appreciation to all of our partners and to all those who continue to support ARCHIVE, particularly as we move into a new year. Partnerships are always so crucial to work such as ours and we continue to rely on and be grateful for these relationships which include, but are not limited to: Housing Works, Partners in Health, UBS Optimus Foundation and the American Institute of Architects.

As we have always believed, the need for our programs is not geographically specific. In fact, just as our work in the UK evidences, developed countries much like their sisters countries in the Global South are confronted by the challenges of infectious disease and sub-standard living conditions. In 2012 we hope to begin working with communities in the United States to reinforce this approach.

We have all been hit hard by the current economic crisis but it is during these difficult times when our families need us the most.

We invite individuals and organizations to become invested in their community through ARCHIVE's work and help us make a difference to even more children and families.

Governing Board

Albert J Foreman
Caterina Della Mora
Denise Williams
Peter Williams

Advisory Board

Angela Aidala
Peter Figueroa
Michael Mutter
Kenneth Yeang

25% of TB-related deaths were HIV-related.

About Us

Structure, Governance and Management

In the United States 'The ARCHIVE Institute a NJ Non-Profit Organization' (ARCHIVE) was registered as 501 (c) (3) public charity in the United States in July 2006.

In the UK, the company (ARCHIVE UK) was incorporated on 27th October 2009; the governing document is the Memorandum and Articles of Association. It was registered charity as a in England & Wales on 12th February 2010. ARCHIVE's governance framework is composed of Advisory Board and Board of Directors who administrate the non-profit and who are also its directors. The board meets regularly on a quarterly basis to ensure the

proper administration of the non-profit and application of its resources. It is entrusted with

- Voting on projects/activities undertaken by the organization;
- Ensuring the financial soundness of the organization, and;
- Installing and maintain sound management practices

The day-to-day management of the Charity is delegated by the Board of Directors to the Executive Director Peter Williams, who reports on the Board on a regular basis. Directors may be appointed by resolution passed by

existing Directors to co-opt new Directors. On appointment, each new Director is given the opportunity to meet with the non-profit team and is provided with a copy of the latest accounts and board minutes.

Directors may be appointed by resolution passed by existing Directors to co-opt new Directors. This is carried out in accordance with clauses 31, 32, 33, 34 and 35 of the Articles. On appointment, each new Director is given the opportunity to meet with the staff of the charity and is provided with a copy of the latest accounts and board minutes.



ARCHIVE (Architecture for Health in Vulnerable Environments) is an international non-profit organization prioritizing the use of housing as a key strategy for preventing illness and providing care among the poor. Our foremost goal is to improve health through targeted housing design improvements.



The Directors serving during the year and to the date of this report are as follows:

US

Governance Board
Mr. Albert Foreman
Dr. Denise Williams
Mr. Peter Williams

Advisory Board Members
Dr. Angela Aidala
Dr. Kenneth Yeang
Michael Mutter
Dr Peter Figueroa

UK

Dr. Stephen Battersby
Dr. Rupert Dunbar-Rees
Mrs. Anne Elliott
Mr. Neil Payne (resigned)
Mr. Peter Williams
(Executive Director)

Our Partners

ARCHIVE relies on the support and partnership of organizations from numerous sectors including Architecture, Health, Environmental Science and International Development. The following includes many of these partners and supporters to whom we remain grateful:

UnLtd*, National Health Service (UK), Big Lottery Funded, Allford Hall Monaghan Morris, Vodafone Foundation, Ernst & Young, UBS Optimus Foundation, World Health Organization, American Institute of Architects, Partners in Health, Housing Works, UN-habitat, University College London, Colombia University, Gerner Kronick + Valcarcel, Architects, PC, Google, Emerging New York Architects Committee, Oxford Immunotec.

Legal & Administrative Information

US

Charitable Status: July 19, 2006
EIN: 20-5231643
Public Charity Status: 170 (b) (1) (A) (vi)
Address: P.O. Box 8371, New York, NY 10150, United States,
T: (1)718-408-3750
E-mail: info@archiveglobal.org
Bankers: Sovereign Santander, 54 Rahway Ave,
Woodbridge NJ, 07095

UK

Charitable Status: February 12, 2010
Office location: 28A Cole Street, London, SE1 4YH
Company No.: 7058538
Charity No.: 1134272
Registered Address: 3rd Floor, 207 Regent Street,
London, W1B 3HH, United Kingdom
Bankers: Royal Bank of Scotland, 175-177 Kensington High Street,
London W8 6SH.

Every day **3,000** people die from malaria - **3 out of 4** of them are children.

Our Mission, Vision & Objectives

Our mission is:

To systemically address the challenges of poor health through preventive and treatment-based housing strategies across the world.

Vision and Objectives:

- I. Preventive strategies include raising awareness on the direct health improvements that can result from remedying the effect on poor housing
- II. Treatment-based strategies include raising awareness of home-based care facility options for those already suffering from poor health

In pursuing its mission, ARCHIVE relies on its core values: community involvement, ownership and self-responsibility and solidarity.

Principal Objectives are

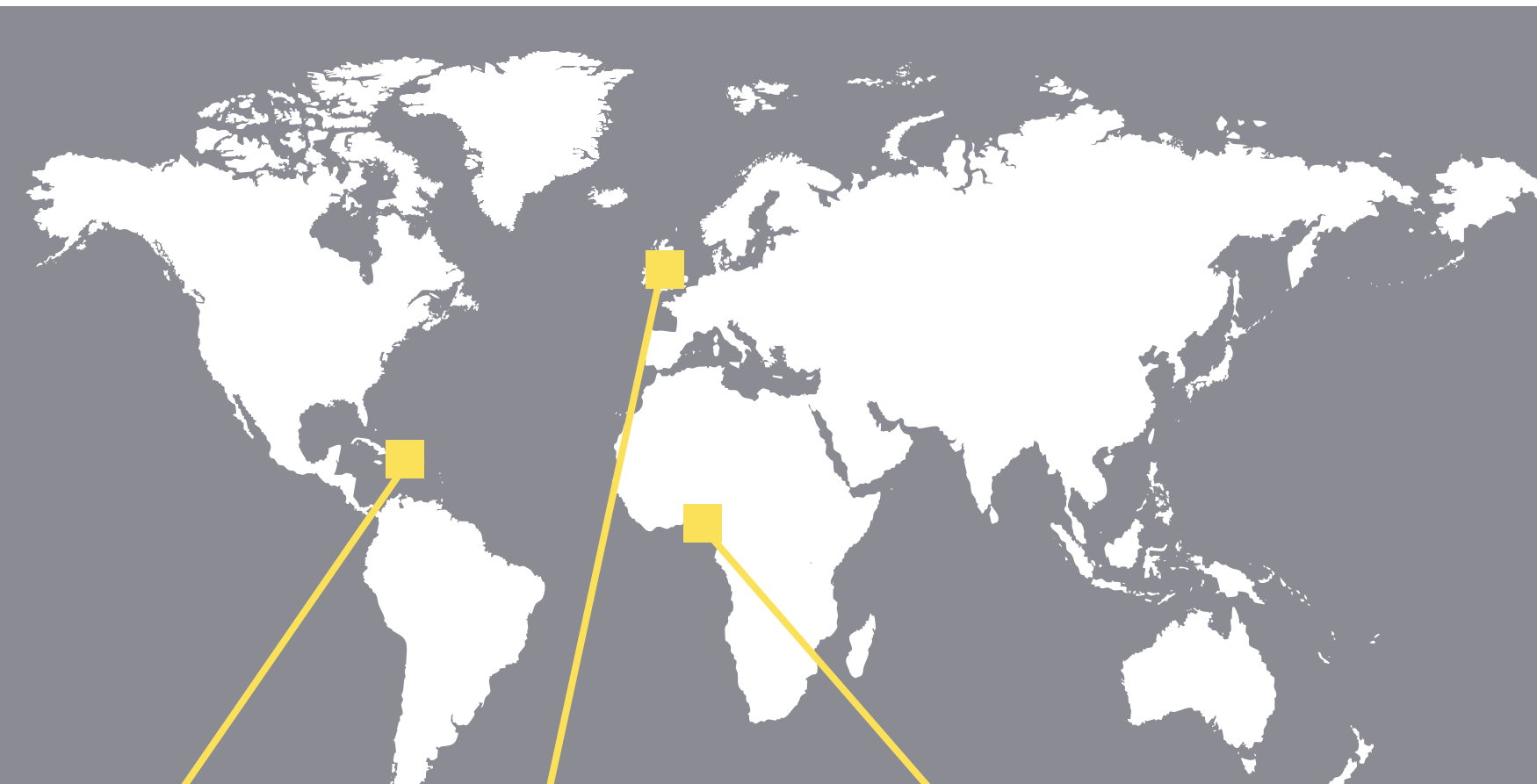
To promote and protect good health, particularly among low socio-economic individuals, refugees and asylum seekers and to advance the education of the public in the relationship between poor housing and poor health through the provision of information packs, documentary films, workshops and theatrical performances.

TB leads to a decline in worker productivity of **\$12 billion** annually.



Where We Work

Every **3 seconds** a young child dies
- in most cases from an infectious
disease.



Haiti



UK



Cameroon



In 2011 ARCHIVE's activities were concentrated on three countries: UK, Haiti and Cameroon. They were intended to tackle and reduce rates of illness in the domestic environment by increasing awareness about the link between poor housing and poor health, the spread of disease and how this transmission can be minimised through simple actions taken on a daily basis as well as improvements in living conditions. Additionally, ARCHIVE was advocating for policy change to improve the lives of the most vulnerable groups and was actively involved in the simultaneous pursuit of economic prosperity, environmental quality and social equity.

Nearly **two billion** people
(1/3 of the world's population)
have latent TB infection.

Our Focus

ARCHIVE focuses on using one basic need (housing), to deliver another (health). Housing is a widespread issue that involves much more than simply offering a place to live and sleep. Among the world's poor, the lack of suitable housing and the challenges of poor health are still being addressed separately.

ARCHIVE seeks to build health by improving the physical environment. Improved housing provides shelter from harsh weather, diminishes the threat of insecurity, and grants access to clean water, food storage and preparation facilities. Improved housing can also be implemented as a central part of a holistic public health strategy to prevent illness and deliver health care among the poor.

ARCHIVE addresses the challenges of poor health through a strategy of prevention, with

housing as the driving factor. We do so by renovating inadequate housing for those who are economically disadvantaged, using simple but innovative measures to reduce their vulnerability to poor health.

While the vast majority of organizations prioritize a supply-driven model (i.e. measuring impact through the number of people receiving medical treatment), ARCHIVE's work fills an important void in the area of community empowerment.

*Diarrheal diseases impose a heavy burden on developing countries - accounting for **1.5 billion** bouts of illness a year in children under five.*

*In India, work days and income lost from TB morbidity average **3-4 months** and approximately **20%** of annual household income. Nationally, lost productivity due to TB averages **4 to 7%** of GDP.*

Our Response In 2011

Cameroon

Cameroon is our new project that was started in 2010 and officially launched in 2011. Our primary focus is on house modification strategies that impede the passage and movement of the malaria parasite host, i.e. the mosquito.

Interventions include using building materials (iron sheet roofs, compared to mud roofs, lower infection risk by 50%), closed eaves, less dense spatial design, the installation of ceilings and screening (which reduce vector densities by up to 86%) and eliminating external breeding sites.

The target population in Cameroon is concentrated in the informal settlement communities of Minkoameyos and Bonamoussadi in the city of Yaoundé.

In April 2011 ARCHIVE members travelled to Cameroon to initiate the project. We established relationships with local civil society partners and the national government, including the Ministry of Health and the Ministry of Housing. Both ministries have in principle agreed to participating in an ARCHIVE-led roundtable workshop which will lead towards a strategy for integrating housing into the Malaria Control Strategy.

A local architecture school has also committed to engaging their faculty and students in the project. The project has received significant media coverage in Cameroon due to two appearances on national radio by ARCHIVE staff, Yaoundé -based press conference for World Malaria Day in April, and coverage in international publications.

Additionally, ARCHIVE worked with local community organizations to select target communities and has commenced an initial baseline study with the objective of gathering data on demographics, health and housing conditions.

*In Cameroon, Malaria is responsible for **40%** of deaths of children under five and **35%** of all deaths in health facilities.*



Haiti

In June ARCHIVE had a wonderful Groundbreaking Ceremony in Haiti with nearly 100 attendees. The main speakers were Cesar Vincent, who gave the benediction, Edner of Housing Works, Esther Boucicault of FEBS, Peter Williams and Joy Gutierrez for ARCHIVE and the City Engineer, Leo Castilly and a representative from local community organizations.

There were also two singers – one of whom is the “Haitian Idol” (2011 winner).

Additionally, Zanmi Agrikol (“Partners in Agriculture” in Creole) spoke to the attendees and as a very kind gesture, brought about a dozen sapling trees to be planted at Bois L’Etat. This event marked the beginning of construction phase of our project, and building has progressed throughout 2011.

Moreover, ARCHIVE unveiled a travelling exhibition showcasing the winning designs from the Kay e Sante nan Ayiti global design competition.

The exhibition was launched in the US, New York as well as at the Bartlett School of Architecture in London in July 2011 and was attended by a wide range of people representing disciplines including public health, architecture and international development agencies.

The exhibition is expected to travel to Canada, South Africa and beyond during 2012.

*Haiti is a malaria-endemic country; in 2006, there were an estimated **164,590** malaria cases and **741** malaria deaths.*

UK

The hard work by the Happy Healthy Households partnership with the NHS and TB Alert culminated in a World TB Day event in Brent on 24th March 2011.

Taking place at the Town Hall, a diverse range of Brent community members and the leader of the council were in attendance. Additionally, ARCHIVE worked in partnership with the Asian Women’s Resource Centre (AWRC) in Brent to launch “Come Into My Life” - a community-led photography project.

Over a two-month period, the women who participated in this project gained practical skills in photography while gaining awareness of happy households and healthy living. The images capture life lived in varying housing conditions. Using a creative approach to health education,

the project instilled a sense of empowerment within the community members.

The final exhibition celebrated the everyday lives of Asian women in Brent and reinforces the relationship between housing, health and Tuberculosis. It was shown at Harlesden Library in Brent.



*In England there are **7.7million** children failing to meet the Government’s Decent Homes Standard Excess.*

*London families were said to be the worst affected, with around **1 in 7** families living in overcrowded homes, twice the UK average.*



Publications

March - ARCHIVE was asked to contribute a comment article to *World Architecture News* as part of the worldwide coverage of World Tuberculosis Day. External Relations Officer Tom Green argued that as evidence increases of the links between housing design and health, incorporating health considerations into developing world homebuilding programs is now a high priority for health and construction professionals. In addition, Tom wrote an opinion piece “A Healthy Home” for the social housing magazine *Inside Housing*, where he highlighted the opportunity and importance in linking the effects of poor living conditions to the challenge of TB among some communities in the UK.

April - Peter Williams (founder) explained in *Miller-McCune* how housing is at the center of health and the organization’s initiatives to build homes in Haiti and Cameroon that will be designed specifically to reduce their inhabitants’ exposure to diseases, such as TB and malaria. In the same month, Alexandra Valerio emphasized in *Global Health Magazine* the importance of housing improvements in relation to malaria eradication.

October - Tatiane de Jesus discussed in *Planetizen* that with climate change creating more dangerous living conditions and rapidly increasing world population, it will become increasingly important to improve the habitat of those living in poverty.

December - Noemi Reiner produced “Thinking Positively about housing for World AIDS day” published in *Global Urbanist*, where she highlighted the need for stable and adequate housing for people living with HIV/AIDS, to lower transmission rates, and to reduce the physical and emotional risks associated with infectious diseases and stress.



Talks

ARCHIVE delivered talks of professional relevance to the construction, architecture, public health, development and environmental industries on the housing and health issues that inform the fundamentals of our work.

The American Institute of Architects hosted a presentation by ARCHIVE’s Peter Williams titled, ‘Architecture and the White Plague: Designing for Improved Health Among the World’s Poor’.

In August, Peter also presented ARCHIVE’s work and Haiti project at a program at the Harvard School of Public Health on Building Design and Infection Control.

Additionally, as part of ARCHIVE’s program of events to mark World Tuberculosis Day, External Affairs Officer Tom Green participated in University College London’s annual TB symposium, this year entitled ‘Tackling TB on a Global Scale’.

Finally, ARCHIVE presented at the Global Health and Safety Forum in Mining in September in London, focusing on the health risks associated with worker accommodation.



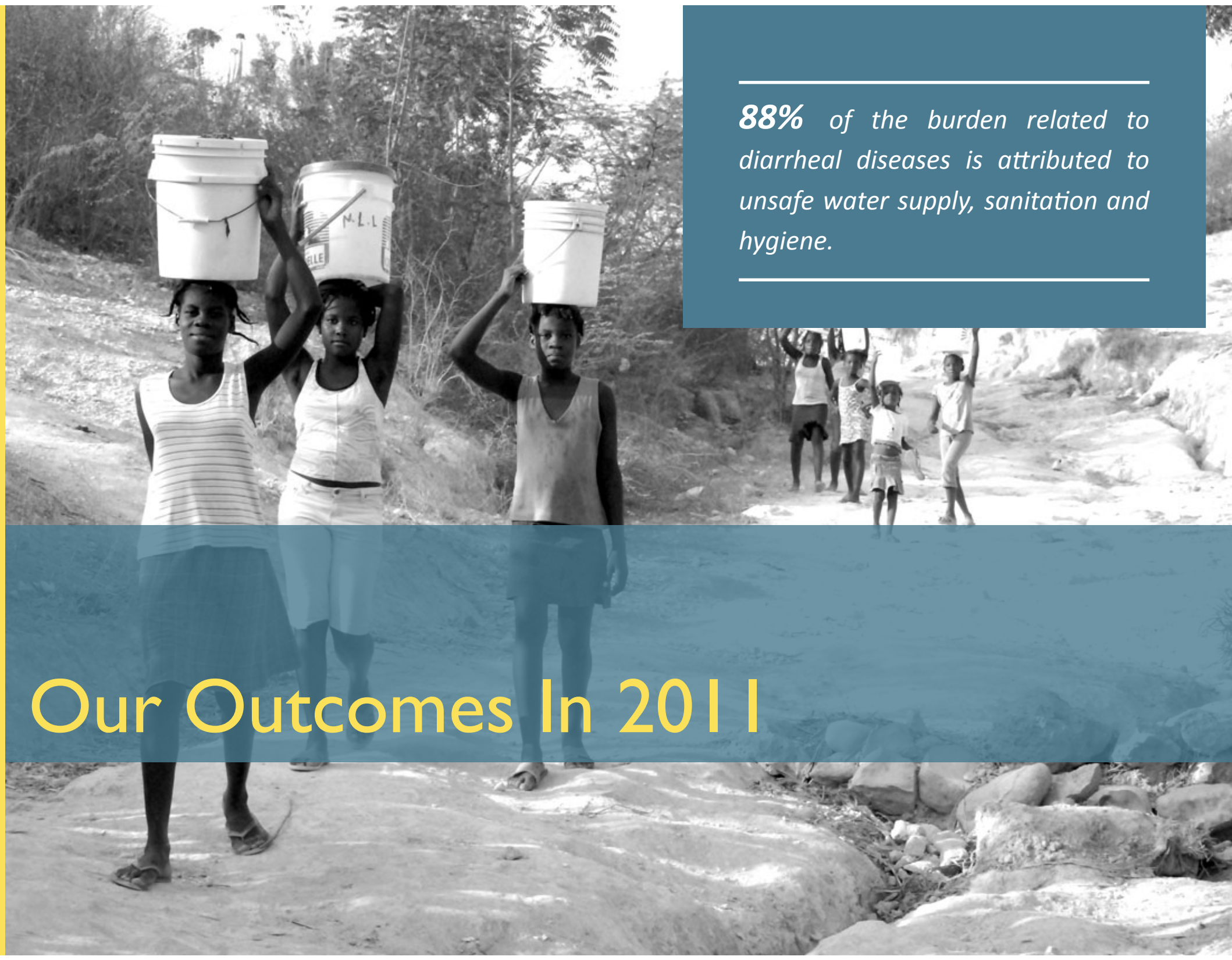
Events

In 2011 ARCHIVE organized number of fundraising events. On World TB Day ARCHIVE held a Comedy Event. The line-up included of Adam Bloom, Mark Restuccia, Stewart Francis, Tom Craine, James Ross and Kev Davidson, and the event raised a total of £3300.

To mark World AIDS Day in December, ARCHIVE held a fundraising event in partnership with Tesco supermarket and on December 12th organized “A night of Live Music in Aid of ARCHIVE UK” with an eclectic mix of artists and 80 attendees.

ARCHIVE also organized a T-shirt design competition in August as a part of its public engagement strategy, with entries from the UK and overseas.

*Malaria is responsible for
65% of school absenteeism
and 26% of job absenteeism
in Cameroon.*



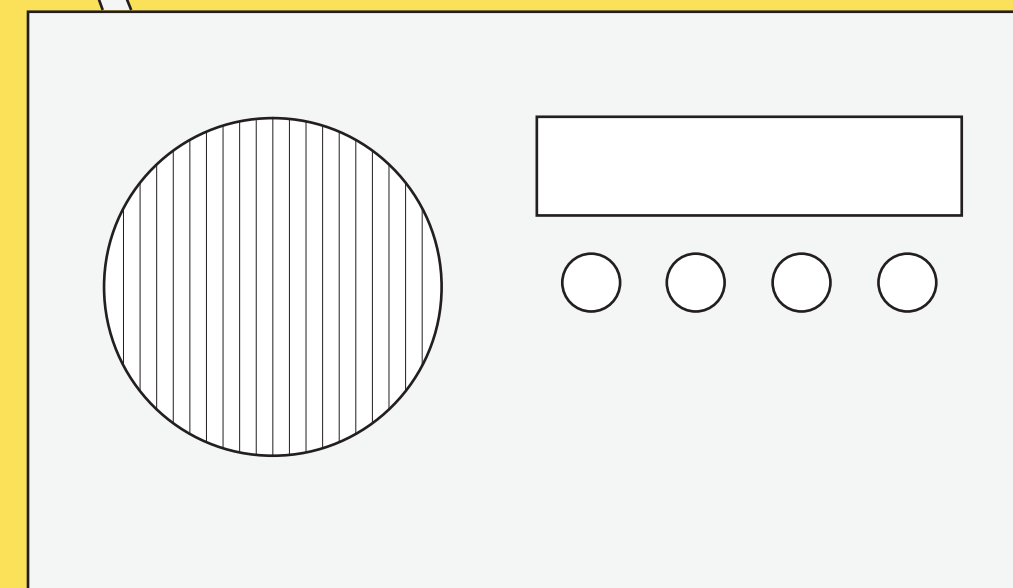
88% of the burden related to diarrheal diseases is attributed to unsafe water supply, sanitation and hygiene.

Our Outcomes In 2011

CAMEROON OUTCOMES

6 radio stations
broadcasted interviews
with **ARCHIVE**

Over 100,000 Cameroonians
were reached by ARCHIVE's
radio message about
poor housing
& disease
transmissions



HAITI OUTCOMES

ARCHIVE organised **1** international travelling exhibition showcasing the **150** designs, and the **5** winning projects among them, submitted for the the Kay e Sante nan Ayiti open innovation competition. ■ The Kay e Sante nan Ayiti exhibition ran in New York City for **4** weeks, and was launched with a launch evening that saw almost **150** attendees and **3** guest speakers. ■ The Exhibition was then launched in London with the attendance of **50** guests and ran for **10** days. ■ The Exhibition is planned to reach **2** more countries in 2012. Nearly **100** people attended the Kay e Sante nan Ayiti Groundbreaking Ceremony in Haiti in June 2011. ■ There were **7** workshops, with more than **300** participants, organised in Haiti in 2011. ■ **45** people participated in the community health forum in Bois Etienne, Haiti. ■ **130** people in Haiti participated in the Community Engagement workshop which introduced the project to the local community and discussed the health clinic. ■ Haiti project involved **6** local government agencies in 2011. ■ ARCHIVE project in Haiti employed **21** local residents on our site. ■ **7500** residents in Haiti benefited from road repairs during summer 2011.

UK OUTCOMES

ARCHIVE organized **1** photo exhibition in Brent

10 community members participated to the photo project portraying their households and lives

Nearly **30** people attended this exhibition

300 people listened to our message on TB and housing on World TB Day



OTHER OUTCOMES

ARCHIVE had **4** public performances.

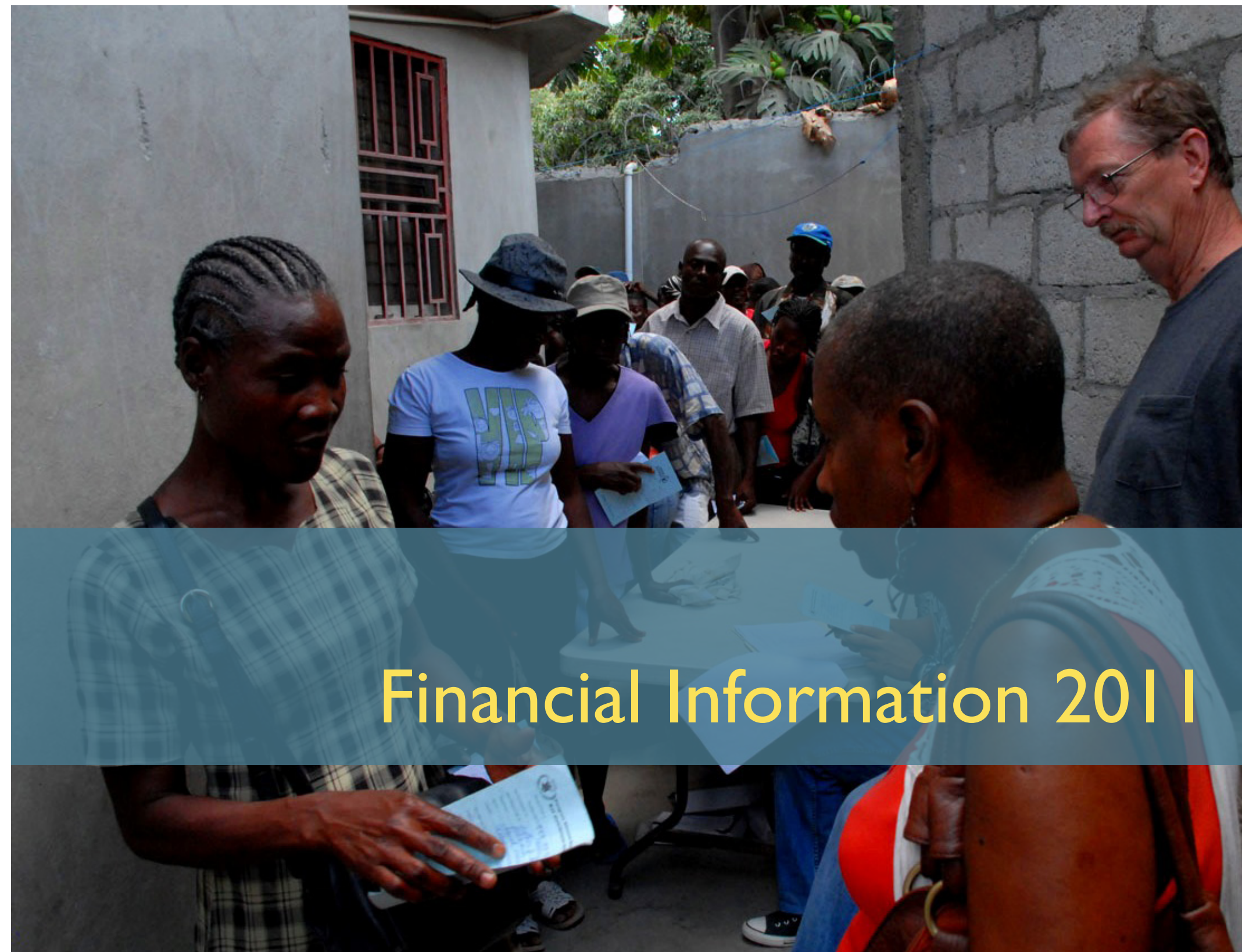
ARCHIVE organized **4** fundraising events.

ARCHIVE's ideas and work were rewarded by **4** grants.

765 people made donations to ARCHIVE through our 2011 fundraising events and activities.

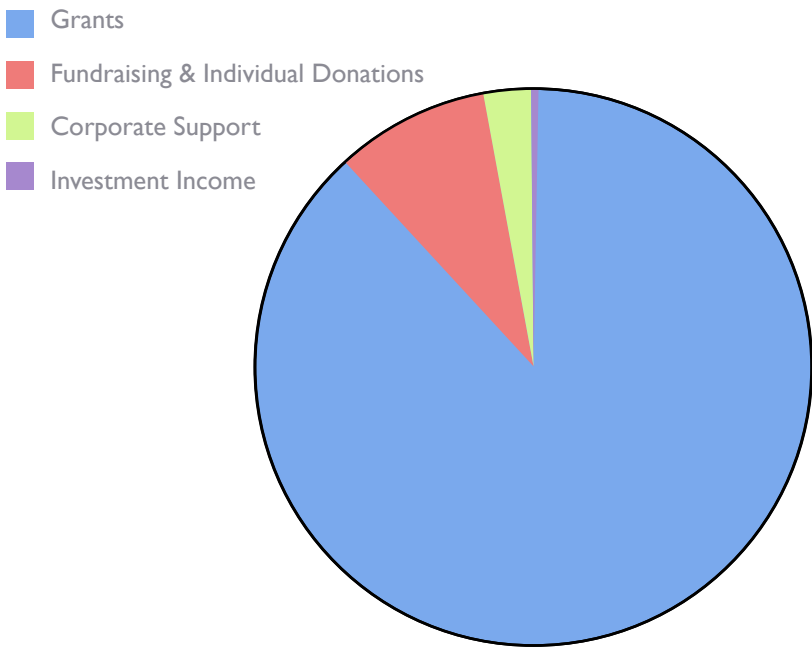
ARCHIVE's Executive Director, Peter Williams, received **2** awards for his work.

20 organisations across the UK made in-kind donations.



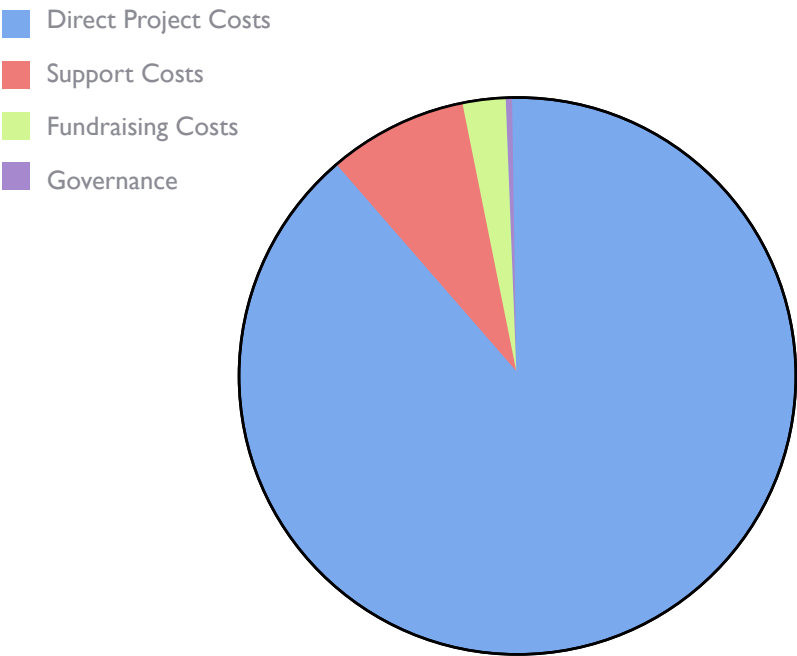
Financial Information 2011

Income: \$76,959



Grants	\$67,822
Fundraising & Individual Donations	\$6,887
Corporate Support	\$2,085
Investment Income	\$165

Expenditure: \$159,335



Direct Project Costs	\$140,717
Support Costs	\$14,130
Fundraising Costs	\$4,225
Governance	\$263

Detailed Financial Breakdown
1st Jan 2011 - 31st Dec 2011

CURRENT ASSETS

Debtors and prepayments	\$3,930
Cash at bank and in-hand	\$37,282

CURRENT LIABILITIES

Amounts falling due within one year	\$5,067
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NET CURRENT ASSETS

Net current assets	\$36,144
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INCOMING RESOURCES

	Unrestricted	Restricted Funds	Total
Donations and Gifts	\$8,972	-	\$8,972
Grants	-	\$67,822	\$67,822
Investment Income	\$165	-	\$165
TOTAL	\$9,137	\$67,822	\$76,959

RESOURCES EXPENDED

	Direct Cost	Support Cost	Total
Fundraising Costs	\$4,225	-	\$4,225
Direct Project Cost + Support Cost	\$140,717	\$14,130	£154,847
Governance	\$263	-	\$263
TOTAL	\$145,205	\$14,130	\$159,335



Voice Of The People



Marc George des Hommes, Haiti

I have 6 children and my wife is deceased from the disease (AIDS). I have been HIV+ for 8 years now. My children have been living with their uncles. At the moment, I cannot support for my family financially.

At the moment, I do odd jobs. I used to collect taxes from the livestock merchants in the open market, but once they learned I had AIDS, I lost that job. There is so much stigma and discrimination that I cannot find work and it is difficult to get a job.

My children live with their uncles because of the stigma. I think about the ARCHIVE project every day. Having a better home for me would mean that I could be reunited with my family. If I were given the opportunity to live at Bois L'Etat, I could learn at the professional school, and have the possibility to take care of my kids. I would feel better if I got sick and died, that the children would have a better chance.

In advance I want to thank you, and FEBS, and everyone working on the houses, because I know we can have a new life at Bois L'Etat. When I think of my situation, I feel it's like God sent you to help us, and I'm very grateful.

“I think about the ARCHIVE project every day. Having a better home for me would mean that I could be reunited with my family... In advance I want to thank you, and FEBS, and everyone working on the houses, because I know we can have a new life at Bois L'Etat.”

The Future

ARCHIVE's future work will continue to build on the strength of the community networks as well as design and health experts from around the world. We will carry on providing technical assistance and investing in knowledge transfer for communities. 2012 will be another great year for ARCHIVE. We plan to develop further our projects in UK, Haiti and Cameroon. We will also focus on enlarging our activities and their scope.

In the UK, our focus will be on increasing the scope of our work to reach the vulnerable groups within the city of London, and to support community outreach workers in taking our message to their communities. ARCHIVE UK also intends to officially launch a trading arm that will be focused on worker accommodation in Africa.

World Malaria Day in April will see the launch of our open innovation competition for the Cameroon project, and the winning designs will be discussed with local community representatives later in the year. These designs will eventually be used to renovate existing housing and dramatically reduce malaria rates.

In Haiti we will continue to work with our partners to complete the 5 housing constructions and move to the next phase of the project which includes the development of community facilities and the nutritional program.

Finally, we intend to secure our core organization's team in the USA office and increase the organization's profile in communities through awareness campaigns, workshops and talks with private parties, third sector and multi-lateral agencies. We hope to support our activities by development of new projects that will engage local communities and make a difference in many lives.



Thank You

UK

Hector Altamirano
Sumi Amaty
Stefano Ambrosoli
Chiara Castlebolognesi
Agnieszka Chrakowiecka
Rosie Cotterill
Tatiane de Jesus
Sonia Diverres
Tom Green
Sebastian Jenkins
Despina Kalapoda
Smeena Khan
Zsofia Kimmel
Anthony Lazarus
Ying-Shan Lee
Sana Malik
Anjusha Mallaya
Verity Maylam
Greg McCardell
Andrew Parker
Kiran Sharma
Monique Tsang
Alexandra Valerio
Lara Williams
Yashovardian

US

Kevin Bingham
Keng Hua Chong
Lara Cohen
Maria Alejandra di Fonzo
Monica Friday
Joy Gutierrez
Maggy Keet
David Lee
Megan Marini
Bobak Talebian
Sangie Zaitsoff



ARCHIVE would like to thank many people who joined our team and contributed to our work in 2011. Without your commitment, we could not continue to change lives.

Thank you!



archive⁺

Architecture For Health
In Vulnerable Environments