

2012-2013

DEVELOPING MARKETS WORLDWIDE



Dear Friends,

During this past year the Alliance and our partners have made great strides in developing a market for clean cooking solutions. The Alliance's 2012 annual results report shows a record number of clean cookstoves in the market, with 9.6 million clean cookstoves manufactured in the past year – a doubling of previous figures.

This market growth is particularly critical and timely given the grim statistics released by the research community last year in the Global Burden of Disease Study 2010: the 4 million premature deaths caused by illnesses and injuries associated with household air pollution. This doubling of the previously estimated mortality figures sent shockwaves through the clean cooking sector and the development community alike. Only high blood pressure, alcohol, and tobacco claim more lives worldwide.

The GBD study highlighted the magnitude of the challenges we face, but simultaneously presented an opportunity for the Alliance, its partners, and the broader sector to redouble our resolve and ongoing efforts to build a world in which cooking does not kill.

In Year 3 the Alliance continued its strong momentum and progress in laying the foundation and building an enabling environment for clean cooking solutions as we deepened our market development efforts in a number of areas.

The Alliance is actively driving investment into the sector, supporting capacity building for entrepreneurs, enhancing testing and knowledge centers, and engaging in new research in dozens of countries where national policies are identifying clean cooking solutions as integral to achieving improvements in energy access, women and children's health, and the environment. This is most evident in the Alliance's focus countries of Bangladesh, China, Ghana, Kenya, Nigeria, and Uganda. The Alliance has also concluded market assessments and stakeholder meetings in India and Guatemala as we increase our efforts to support the sectors in these countries. The Alliance's leadership has also been instrumental in the process to create the first-ever global standards for cookstove safety, efficiency, and cleanliness.



Radha visits with the women who work for the Maasai Stove and Solar Project in Tanzania.

In addition to our efforts on the ground, the Alliance made strong progress this year in integrating the issue of clean cooking as a means of achieving other critical development priorities -- health, energy, and environment -- by galvanizing major international organizations and initiatives, including the Sustainable Energy for All initiative, the Climate and Clean Air Coalition, the post-2015 development agenda, and Every Woman Every Child.

I invite you to read our third annual report, which demonstrates that it is no longer appropriate to refer to the clean cooking sector as being 'at a tipping point'. The sector has tipped, and it has tipped in the right direction. Momentum could not be stronger and we are seeing dramatic results. And there is a common sense of purpose: cooking is essential; it should not be lethal. I am proud that the Alliance has played a leading role in tipping the sector and moving it *forward*.

Sincerely,

RADHA MUTHIAH
Executive Director



Year 3 efforts are a continuation of the Alliance's evolution from strategic planning to in-country and global activities that enhance demand, strengthen supply, and foster an enabling environment for clean cookstoves and fuels:

YEAR 1 2010-11

The Alliance launches at the Clinton Global Initiative with 19 founding partners; a Secretariat is established under the UN Foundation leadership; celebrities sign on to raise awareness of household air pollution; 350 sector experts convene to develop a roadmap for the sector; Alliance releases *Igniting Change: A Strategy for Universal Adoption of Clean Cookstoves and Fuels*; consensus on standards process reached at the Lima Forum; 16 clean cooking market assessments completed; the Alliance secures more than \$15 million in donor commitments; partnership base grows to 175 organizations.

YEAR 2 2011-12

The Alliance develops a business plan to achieve its 100 by '20 goal and identifies six value propositions to create and sustain a global market; additional market assessments continue to highlight the state of the sector; in-country stakeholder workshops deepen relationships with and buy-in from key government, business, investor, and NGO partners; Alliance commissions child survival, climate, gender, and adoption studies; six initial focus countries are identified; Alliance raises \$29 million in total for Secretariat and grant programs, and leverages more than \$120 million in parallel funding to spur advances in clean cooking; partnership base grows to more than 400 organizations.



A SNAPSHOT OF YEAR 3

SEPTEMBER 2012

Alliance selects Bangladesh,

and Spark Fund for innovation and enterprise capacity building ▶ Soros Economic Development Fund

Mozambique ▶ Mary Robinson, Gunilla Carlsson and Michelle Bachelet join Alliance Leadership Council

Inventory, comprised of key information on current sector inventory by type of test, data source, region

solutions and Sustainable Energy for All; government commits to LPG access for 50 percent of the popul

potential in the national sector ▶ Alliance announces support for 13 Regional Testing and Knowledge Cen

Study doubles known mortality from household air pollution (HAP) to 4 million deaths annually; HAP is 4th

development ▶ Bangladesh Stakeholder Meeting moves country further toward prioritizing clean cooking

goals ▶ India Stakeholder Meetings reinforce need for additional testing centers and support of SME financ

Alliance Pilot Innovation Facility grantees announced ▶ Alliance networks with influential innovators, in

Assessment release spurs new entrants to the sector **MARCH 2013** Largest gathering of sector to date – 5

China, Alliance sign MoU and Chinese commit to run pilot programs with goal of reaching 40 million hou

Africa ▶ SURE wins Sankalp-Alliance award in India **MAY 2013** Alliance Spark Fund grantees annou

goal by 2020 ▶ Women Deliver conference embraces clean cooking solutions as a way of empower

through tailored Partner Country Toolkits developed by Alliance ▶ ISO accepts Alliance proposal to form tec

▶ Bonn International Cooking Energy Forum reaffirms European commitment and support to the sector

JULY 2013 Guatemala Stakeholder Meeting convenes sector and President commits to national action p

priority in U.S.-China Strategic and Economic Dialogue ▶ Climate and Clean Air Coalition announce

carbon emissions **AUGUST 2013** Alliance announces Deal Room recipients to further broker partnership

China, Ghana, Kenya, Nigeria, and Uganda as focus countries ▶ Alliance announces Pilot Innovation Facility

and the Industrialization Fund for Developing Countries announce \$9 million investment in CleanStar

▶ Rocky Dawuni is named Alliance Ambassador **OCTOBER 2012** ▶ Alliance releases Stove Performance

stove and fuel type ▶ Ghana Stakeholder Meeting results in national plan in support of clean cooking

in the next three years **NOVEMBER 2012** ▶ Uganda Stakeholder Meeting identifies carbon finance

centers to spur innovation, research and design worldwide **DECEMBER 2012** ▶ Global Burden of Disease

greatest health risk in the world ▶ Kenya Stakeholder Meeting reinforces need to support enterprise capacity

solutions as national policy **JANUARY 2013** ▶ Alliance develops M&E platform to help partners quantify

ing ▶ Secretary Clinton makes major sector announcements during last week in office **FEBRUARY 2013**

investors, entrepreneurs, philanthropists at TED 2013 event on clean cooking solutions ▶ India Market

500 participants from 60 countries – convenes in Cambodia for Clean Cooking Forum 2013 **APRIL 2013**

households ▶ Alliance attends and holds workshop at Africa Venture Capital Association conference in South

anced ▶ Nigeria Stakeholder Meeting results in new national planning to reach the 10 million households

ing women and improving their health **JUNE 2013** ▶ Market development knowledge disseminated

technical committee on cookstoves and clean cooking solutions – moving that much closer to global standards

▶ Bayer Corporation recognizes Alliance and clean cooking solutions in its 150th anniversary campaign

plan ▶ Alliance establishes local presence in Kenya and Ghana ▶ Clean cooking collaboration remains a

s \$1.4 million in funding to support high quality clean cookstoves in the global fight against black

s between investors and entrepreneurs

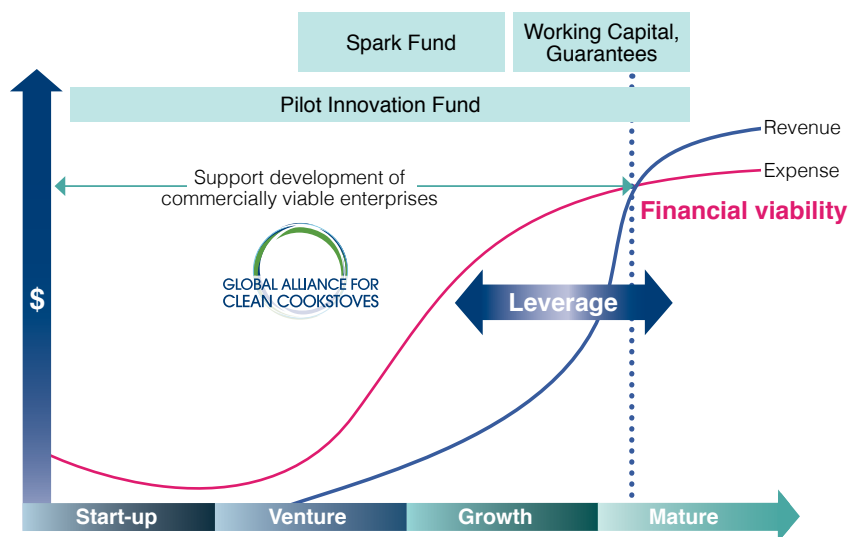
PROGRESS TOWARD 100 BY '20

DRIVING INVESTMENT INTO THE SECTOR

Developing and implementing its strategy to inject \$1 billion in investment into the clean cooking sector by 2020 was among the Alliance's top priorities. In the last year, the Alliance and its partners have driven at least \$35 million in investment to clean cookstove and fuel enterprises while also expanding financial support for market development activities in its focus countries, and networked with numerous impact investors worldwide to raise awareness of the Alliance and the sector.

In order to increase investment and grow the clean cooking sector, the Alliance is working to prepare the market for scale, support the development of commercially viable enterprises, and raise awareness in the investor community on the opportunities in the sector. And as part of the Alliance's strategic plan to increase the level of resources, grants, and investment in the sector on par with comparable global development challenges, it established the annual Spark Fund and Pilot Innovation Facility with the support of Canada, Germany, Sweden, and the United Kingdom, as well as Shell International Exploration & Production BV.

The Alliance is investing grant capital in enterprises to help them to scale and leverage further investment



Pilot Innovation Facility

Innovations are needed across the value chain – from product design to technology improvement to consumer finance. However, few government and philanthropic funders take risks on unproven innovations and investors do not often fund research and development without a ready-made market for the innovation. Grant investments are needed to develop better technologies and business models appropriate to the local context and improve the fragmented value chains in many markets.

The Pilot Innovation Facility uses seed money to scale and jumpstart innovative approaches to strengthening supply and enhancing demand along the sector's value chain. The Facility encourages the sharing of best practices.

The Alliance announced the first round of the Pilot Innovation Facility winners in February 2013

- Greenway Grameen Infra in India
- Improved Cook Stoves for East Africa Ltd in Uganda
- Potential Energy in Sudan
- Solar Sister in Nigeria
- Sustainable Green Fuel Enterprise in Cambodia
- UpEnergy in Uganda

Spark Fund

Access to finance is a serious issue as most clean cooking enterprises are at an early stage of development and need patient capital as well as business development assistance. Few impact investors are prepared to provide money and technical assistance to early stage companies. Furthermore, traditional sources of capital are out of reach for early stage or smaller entrepreneurs who operate in unproven markets and have yet to achieve commercial viability at scale. Smart grants are needed to reduce the risk to investors and bridge the pioneer gap – the dearth of impact investors willing to invest in early stage businesses.

The Spark Fund is meant to help enterprises reach commercial viability by funding business capacity development and growth. The Fund aims to invest \$2 million in grant capital annually in enterprises with scalable approaches that have the potential to transform the clean cooking sector through their success. The Alliance received 78 proposals for the first round of the Fund, and each was rigorously reviewed and analyzed by a panel of six experts from the investment community.



Global Alliance for Clean Cookstoves

The Alliance announced the first round of the Spark Fund winners in May 2013

Burn Manufacturing Co. (BMC) in Kenya

EzyLife in Kenya

GVEP in Kenya

Impact Carbon in Uganda

Relief International – Gyapa Enterprises in Ghana

Connecting with Investors Worldwide

The Alliance has been working with global partners and financial networks to inform investors about opportunities in the clean cooking sector by:

- Providing scholarships for eight entrepreneurs from the sector to attend SOCAP 2013 in San Francisco and present their work at an innovation showcase.
- Joining the Global Impact Investing Network (GIIN) to engage with impact investors interested in energy and the environment. The Alliance is also leveraging GIIN's Impact Reporting and Investment Standards (IRIS) to more clearly define indicators that will measure impact in the clean cooking sector.
- Refining pitches with sector entrepreneurs as they prepare to present their business plans to potential investors. This year the Alliance launched the first Pitch and Deal Room opportunity, providing technical assistance and strategic advice to twelve enterprises.
- Raising awareness of the potential of the sector at events like the African Venture Capital Association conference in South Africa, the Sankalp Unconvention Summit in India, and Carbon Expo in Spain.



Global Alliance for Clean Cookstoves

DEVELOPING AND PROMOTING INTERNATIONAL STANDARDS AND TESTING PROTOCOLS

The Alliance has made significant advances in the standards and testing arenas by leading the international standardization process for cookstoves, supporting 13 Regional Testing and Knowledge Centers, and training leaders around the world.

Leading the Development of International Standards

Standards that clearly define methodologies and technology performance, quality, and impacts provide common terminology for communicating performance and driving innovation and adoption of clean cooking solutions.

Year 1

“Lima Consensus” reached at the Partnership for Clean Indoor Air Biennial Forum in Peru

Year 2

International Workshop Agreement Announced (IWA 11:2012)

Year 3

ISO Technical Committee 285 on Clean Cookstoves and Clean Cooking Solutions Established

Building on previous achievements on international standards, the Alliance has continued its partnership with the International Organization for Standardization (ISO), resulting in the critical June 2013 approval of ISO Technical Committee 285, the key body that will develop and approve clean cooking standards. Kenya’s Bureau of Standards (KEBS) and the United States’ American National Standards Institute (ANSI) serve as co-secretariats of the committee, comprised of other participating national committees and approved external liaisons. National committees have been meeting in many of the Alliance’s partner countries to prepare for the first ISO TC 285 meeting later this year in Nairobi. Alliance partners have also been collaborating to address IWA resolutions that outlined remaining gaps for standards development. These collaborations have led to updates and progress on methodologies for testing charcoal, batch-fed, and griddle stoves, as well as durability, usage, and field testing.



Project Gaia

Building a Global Network of Testing Experts

Reliable and quality testing requires the development of human capacity and adequate infrastructure, especially in regions where solid fuel use for cooking is prevalent. During Year 3, the Alliance has engaged in several major activities to build capacity across a global network of Regional Testing and Knowledge Centers (RTKCs). After a Request for Proposals and external merit review process, the Alliance awarded grants to 13 RTKCs to purchase laboratory and field testing equipment, to train and develop staff capacity, and to build the sustainability of these testing centers. These RTKCs will support clean cooking activities in their respective regions while also collaborating globally on the development of testing methodologies, quality assurance, and data management.



Africa

Council for Scientific and Industrial Research (CSIR) – *Ghana*
Industrial Research and Development Institute (KIRDI) Stove Testing Centre – *Kenya*
National Energy Research and Development Centre of the University of Nigeria, Nsukka – *Nigeria*
The Centre for Study and Research on Renewable Energy (CERER) – *Senegal*
Sustainable energy Technology and Research Centre (SeTAR) – *South Africa*
Centre for Integrated Research and Community Development Uganda (CIRCODU)
and Centre for Research in Energy and Energy Conservation (CREEC) – *Uganda*

Asia

GERES Biomass Energy Lab – *Cambodia*
China Agricultural University and Beijing University of Chemical Technology (BUCT) – *China*
Indian Institute of Technology-Delhi (IIT-Delhi) and The Energy and Resources Institute – *India*
Centre for Rural Technology, Nepal (CRT/N) – *Nepal*

Latin America

Stove Testing Center – *Bolivia*
Zamorano University Improved Stove Certification Center – *Honduras*
Laboratorio de Certificación de Cocinas Mejoradas (SENCICO) – *Peru*



To further strengthen this global network, and as part of a series of training workshops, the Alliance organized a training workshop in January 2013. Staff from 40 RTKCs in 16 countries came together in Research Triangle Park, North Carolina, at the U.S. Environmental Protection Agency's Cookstoves Testing Facility. The team at EPA introduced the group to their facility and to North Carolina traditions. These in-person and virtual training opportunities facilitate sharing of knowledge and best practices.

“I align with the ambition of improving the health, environment and livelihood of our people through the use of clean cookstoves. I am excited because it is the right thing to do to assist Nigerians in living healthier and more prosperous lives. We should stand together and ensure that the Global Alliance for Clean Cookstoves becomes more active on the ground through well-coordinated and sustainable programs.”

DR. ABUBAKAR BUKOLA SARAKI, Nigerian Senator from Kwara Central and Alliance Leadership Council Member



KENYA





COORDINATING SECTOR KNOWLEDGE AND SUPPORTING RESEARCH

The Alliance has commissioned numerous studies to build the evidence base for global action on clean cookstove and fuel adoption, and directly and indirectly is supporting more than \$45 million in competitive research grants. The Alliance has also created numerous programmatic tools for its partners to enhance their work.

“We have not been quick enough with our development assistance, and we have not been flexible enough to respond to these demands among poor women. We are all in this together, and the solutions for immediate health improvements are all there.

Civil society, partners of international organizations can do more together to communicate, to research, to create standards, to overcome market barriers and see that the production and use of clean cookstoves can increase dramatically.”

GUNILLA CARLSSON, Swedish Minister for International Development Cooperation and Alliance Leadership Council member

An expert panel gathered at the National Press Club in Washington, DC, to discuss the household air pollution findings of the Global Burden of Disease Study 2010. From left to right are: Dr. Kirk R. Smith, University of California, Berkeley; Dr. Kalpana Balakrishnan, Sri Ramachandra University, Chennai, India; Thomas J. Bollyky, Council on Foreign Relations; Dr. Lynn Goldman, The George Washington University; and Dr. Sumi Mehta, Global Alliance for Clean Cookstoves.



Driving Sector Research Efforts

Commissioning Research

In addition to continued support of Alliance-funded research on health, climate, gender, adoption, and testing, the Alliance has expanded its modest but targeted research support to a number of new initiatives including:

Health:

- Expanding the evidence base for burn risk assessment and prevention in India;
- Improving its understanding of the comparative cost-effectiveness of clean cookstoves and fuels in Guatemala, India, Laos, Malawi, Mexico, Nepal, Peru and, Zambia;

Environment:

- Better understanding the link between cookstove emissions in India and climate change;

Gender:

- Funding studies focused on assessing the gender and livelihood impacts and opportunities that clean cooking solutions have on women consumers and their families in South Asia, with a focus on India, Nepal and Bangladesh;
- Gaining a better understanding of the impact that women entrepreneurs working in the cookstove and fuel value chain in Kenya have on adoption rates;

Adoption:

- Exploring stove acceptability and adoption in the Andean region;
- Reviewing the Chinese language literature on stove adoption; and
- Evaluating acceptability of various cooking technologies in rural Kenya.

The products of this research will significantly strengthen the evidence base to support global and local actions toward clean and safe cooking.

Convening Researchers

The Alliance has developed a Global Research Platform, led by the Research Advisory Committee (RAC), to help guide and shape its research agenda and ensure close coordination with global efforts to study the issue of household air pollution and its impacts on health, the environment, and livelihoods.

The RAC's mission is to:

- Identify and advise on short and medium term research strategies for the clean cookstove sector;
- Establish research priorities for the sector as a whole, and the Alliance in particular;
- Identify strategic opportunities to leverage partnerships and funding opportunities in key research priority areas; and
- Share insights on high-impact research results relevant to the Alliance and its mission.

To ensure communication across the ongoing randomized trials of improved stove and clean fuel interventions in Nepal, Ghana, and Nigeria, the Alliance convened the researchers last year.

A workshop organized by the Alliance with participation from the World Health Organization, the Centers for Disease Control and Prevention, and PATH focused on harmonizing approaches to measuring exposures to household air pollution.

Several investigators presented their work in progress in organized sessions at the International Society for Environmental Epidemiology annual meeting – known to be the most important professional meeting for researchers focused on the health effects of air pollution.

Communicating Results

The Alliance will continue to disseminate research findings through traditional academic journals and publications as well as mainstream press outlets, social media channels and partner communications tools.

The Alliance helped coauthor the household air pollution component of the Global Burden of Disease Study 2010, which found that household air pollution is the fourth greatest health risk in the world, claiming 4 million lives annually. The Alliance raised awareness of the findings through an event at the National Press Club in Washington, DC, the Better Air Quality conference in Hong Kong, and in numerous media outlets.



Strengthening Monitoring & Evaluation Mechanisms

The Alliance's monitoring & evaluation efforts document effective interventions with measurable outcomes and demonstrate the benefits of clean cookstoves and fuels.

Closely linked to Alliance research efforts is its monitoring and evaluation (M&E) program, which will quantify progress toward the Alliance's 100 by '20 goal. This program focuses on setting short and long term objectives and outcomes to measure the success of Alliance efforts as well as the sector more broadly. The Alliance has established a M&E Framework for the sector with a phased approach to demonstrating success through defined and measured outcomes.

The Alliance surveyed its partners to track clean cookstove manufacturing and distribution in 2012, and with one-third of its partnership base reporting, 9.6 million cookstoves were manufactured and 8.2 million cookstoves were disseminated in markets around the world. This is an increase in dissemination of 134 percent from 2011 and a fourfold increase since the Alliance was launched. The number of countries that reported stove disseminations also increased from 41 countries in 2011 to 59 in 2012. These results are ahead of projections as the Alliance plots the path on the way to the 100 by '20 goal. (see the Results Report Survey 2012 at www.cleancookstoves.org/results2012)

Along with WHO, the Alliance is leading efforts to create standardized tools for collecting household energy data for use at the national level, including data routinely collected by Demographic Health Surveys, the World Bank, and UNICEF.

The Alliance is developing standardized tools for use in hospital settings for collecting information on the causes of severe burns and injuries.

Integrating M&E activities into country action plans for Alliance focus countries ensures that stove dissemination and adoption is monitored at local levels. Tools to facilitate these measurement efforts, including mobile and web-based customer record systems, are currently being piloted in East Africa.



Michael Johnson

“I share the ambition with the Global Alliance to reach 100 million households with clean cooking by 2020, and yet, I invite us all to examine whether that is ambitious enough....let's go for a much higher figure, say, 1 billion by 2025. Why not? This is a human rights issue.”

MARY ROBINSON, *former president of Ireland and Alliance Leadership Council Member*

Creating Innovative Tools for the Sector

The Alliance is continuously working to share knowledge and best practices with its partners through webinars and interactive communities of practice on its website, and develops tools that benefit its partners and enhance their ability to drive the sector toward a thriving global market for clean cookstoves and fuels. Examples include:

Market Assessments

By conducting 18 national market assessments over the past three years, the Alliance has identified and analyzed both the barriers preventing scale as well as opportunities for growth, allowing entrepreneurs and other organizations to enter these markets with important knowledge. The Alliance completed market assessments in India and Guatemala in Year 3, and conducted LPG assessment and consumer segmentation studies in Kenya.

Country Action Plans

The Alliance has generated tremendous momentum and activity in its focus countries of Bangladesh, China, Ghana, Kenya, Nigeria and Uganda. In each country, the Alliance has convened relevant actors, conducted market assessments, advised stakeholders during the locally-led country action planning process, and learned about the unique challenges and opportunities inherent in each market. Government leaders in Bangladesh, Ghana, and Kenya have even made clean cooking solutions a part of national health and energy policies.

Partner Country Toolkits

The Partner Country Toolkit provides the tools and resources needed for Alliance partners to: assess the current state of the cookstoves and fuels market in a given country; identify barriers and develop an action plan to overcome them; create engagement and communication plans; adopt technology standards; drive investment and scale enterprises to meet consumer need; track and report progress to evaluate success and areas for improvement; and learn from the progress and challenges of other countries.

Scaling Adoption of Clean Cooking Solutions through Women's Empowerment: A Resource Guide

The Alliance created and published a comprehensive resource guide for practitioners to overcome common constraints and implement best practices when integrating women into the clean cooking value chain. The guide features a series of detailed case studies that highlight challenges and lessons learned by key Alliance partners, and includes stories of individual women and their roles in bringing change to the sector.

Carbon Finance Platform for Clean Cooking

The Carbon Finance Platform is a comprehensive and interactive knowledge sharing platform built by the Alliance to provide how-to guides, tools, templates, reports, analyses, case studies, and best practices to assist stakeholders with varying levels of carbon expertise. The platform serves as an interactive marketplace for multiple audiences and baseline knowledge levels, including new and experienced project implementers, carbon developers, as well as donors, investors, and carbon credit buyers. The financial opportunities inherent in well-run carbon finance projects will benefit stove users, project developers, and investors alike.

Clean Cooking Catalog

The Alliance has developed the Clean Cooking Catalog – a comprehensive, global database of technology options, performance, and characteristics that impact usability. The Catalog will be continuously updated to provide a picture of the evolving technology landscape, incorporating new data from the growing network of Regional Testing and Knowledge Centers and adoption information across geographies. This integration of testing data is essential to communicate clean cooking options, boost sector-wide confidence around technology performance, encourage innovation, and support collaboration among researchers. For entrepreneurs, this resource provides verifiable evidence of their products' performance, and for investors and donors, the resource supports informed decisions to maximize impact.

Jarret Cassaniti



Humanitarian Mapping

The Alliance has begun implementing its strategy to increase access to and adoption of improved cookstoves and fuels among humanitarian populations. The Women's Refugee Commission was asked to conduct a global mapping of the clean cooking sector's approaches in humanitarian settings. The mapping looked at past, current, and planned improved cooking interventions in humanitarian settings in order to better understand promising practices and to ensure that they are mainstreamed throughout humanitarian responses. The findings are being converted into an online knowledge hub for the sector.

An Ambassador Helps Launch a Country Action Plan

Shortly after being named Alliance Ambassador, singer, songwriter and social activist Rocky Dawuni travelled to Ghana in October 2012 to participate in the launch of the Ghana Country Action Plan for Clean Cooking, part of the country's larger commitment to Sustainable Energy for All. Dawuni, originally from Ghana, has repeatedly spoken about the need for greater adoption of clean cooking solutions as a way to improve women and children's health and protect the environment.



Keith Bedford

CATALYZING THE SECTOR AND BROKERING PARTNERSHIPS

The Alliance hosted two major international forums that convened the sector and drove forward work in areas such as research, standards, investment, advocacy, and more, and doubled its partnership base to more than 800 organizations.

“The Alliance is a model partnership between the public and private sectors. It is an approach which allows us to harness the capacity and expertise of a wide range of actors across a variety of sectors.”

KOFI ANNAN, former UN Secretary-General, UN Foundation Board Member, and Alliance Champion

Powerful Partnerships

The Alliance has enjoyed a sustained period of dynamic growth and renewal in its donor base during Year 3 of operations that has enabled significant progress in reaching its 100 by '20 adoption goal.

Major new donors, including several from the Global South such as Infosys and Cemex, have joined new international corporate partners such as Deutsche Bank, Bayer, and Johnson & Johnson in support of the Alliance's clean cooking mission. Still other corporate leaders such as GE, Ecobank, and Philips have stepped up to directly fund and invest in sector activities in targeted regions. In addition, existing bilateral and corporate funders such as Germany, Norway, and the United States, as well as Shell International Exploration & Production BV, have renewed their support of the Alliance with major new financial and in-kind commitments to catalyze efforts to address the devastating environmental and health toll from household air pollution in developing countries. The multilateral Climate and Clean Air Coalition has also contributed new financial support for global clean cooking activities that reduce emissions of black carbon and short-lived climate pollutants, while the World Bank and Asian Development Bank have made strong financial and strategic commitments to addressing access to clean cooking in their respective areas of interest.

In Year 3 the Alliance doubled its partner base, now totaling more than 800 organizations across 6 continents. This tremendous growth is as diverse as the cookstoves issue itself:

- 60 percent of partners work in Sub-Saharan Africa, more than half in Asia, and over 40 percent in Latin America and the Caribbean.
- An emphasis on developing markets worldwide has yielded an increase in small- and medium-size enterprises, which make up nearly 30 percent of Alliance partners.
- National partners – now totaling 40 countries with the additions of France, Mongolia, Niger and Sri Lanka – carbon financiers, academic institutions, investors, and independent consultants have also continued to join the Alliance.

National and regional alliances continue to form in support of the Alliance and will increasingly play an important role in disseminating and exchanging information on clean cookstoves and fuels, convening in-country partners and other sector stakeholders, and advocating for national and regional policies that will further enable markets worldwide. The Alliance has already recognized national alliance affiliates in China, Ghana, Kenya, Nepal, Nigeria, and Uganda, and is in the process of formalizing relationships with existing and growing alliances in Benin, the Philippines, and Tanzania, and throughout Latin America, including Mexico and Guatemala.



An Ambassador Mobilizes Resources

As part of her continued support of the Alliance, Global Ambassador Julia Roberts began fundraising on behalf of three cookstove and fuel projects to improve the health, safety, and livelihoods of women worldwide. Mrs. Roberts is working to raise critical funds for the Alliance's online gender knowledge hub; the World Food Programme's Safe Access to Firewood and Alternative Energy initiative in Darfur, Sudan; and the Maasai Stoves & Solar Project in Tanzania, through her affiliation with the group Chime for Change.

Raising and Leveraging Critical Funds

To date, the Alliance has raised over \$38 million in total funding for the Secretariat and its grant programs, and leveraged more than \$200 million in total parallel support to spur advances in the clean cooking sector.



More than 100 stakeholders from the Guatemalan cookstove and fuel sector attended the Alliance's workshop and meetings in July.



While in Guatemala for Alliance stakeholder meetings, Alliance Executive Director Radha Muthiah secured a strong government commitment from President Otto Pérez Molina to develop an action plan to reach the nearly two million households in need of clean cooking solutions. This effort, led by a diverse inter-ministerial group, will strengthen existing government goals, including the installation of 100,000 clean biomass cookstoves and fuel switching of 25 percent of households from firewood to other energy sources.

An Ambassador Convenes Chefs to the Cause Chef José Andrés travelled to Cambodia in his capacity as the Alliance's Culinary Ambassador to launch the Chef Corps at the Clean Cooking Forum 2013. Andrés used his celebrity, convening power, and passion for impactful global development to bring together a dynamic group of chefs to raise awareness about the problem and the Alliance's ability to address it: Susan Kamau of Kenya; Sanjeev Kapoor of India; and Luu Meng of Cambodia.



Clean Cooking Forum 2013

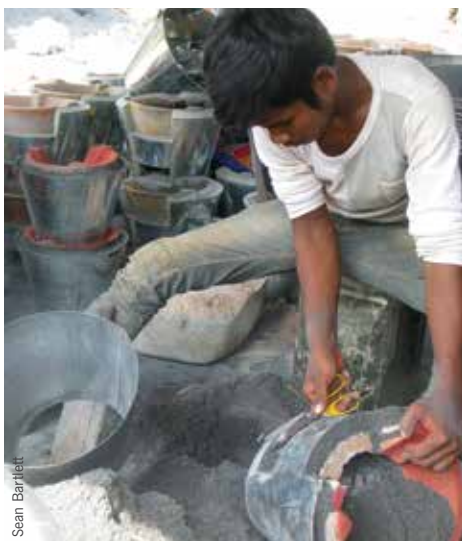
In March, the Alliance hosted the Clean Cooking Forum 2013 in Phnom Penh, Cambodia. The Forum was the largest gathering to date of leaders from the public, private, and nonprofit sectors, all coalescing around the Alliance's market-based approach to the adoption of clean cookstoves and fuels.

Over 500 global participants convened throughout the week to affirm the Alliance's role in research coordination, negotiate next steps for the development of international cookstove standards, share insights on the challenges of tapping carbon finance to bring down project costs, advance sector coordination in humanitarian responses, discuss the best mechanisms for collaboration at local and regional levels, and more.

Dynamic plenaries and breakout sessions, local and international media attention, engaging site visits, well-attended stove demonstration and networking events resulting in multiple connections and deals, and the participation of the Alliance Ambassadors and celebrity chefs made this a truly special Forum.

BY THE NUMBERS

- 500** participants
- 165** speakers
- 60** countries represented
- 54** plenary and breakout sessions
- 35** cookstove demonstrations
- 6** site visits
- 4** celebrity chefs
- 2** Alliance Ambassadors
- 1** extraordinary event!



Sean Bartlett

The Forum's presence in Southeast Asia for the first time, the region's significant need for clean cooking solutions, and its proximity to many of the Alliance's strong local partners made Cambodia an ideal location to hold the 2013 event. With participant feedback in hand, we look forward to hosting an even more engaging, dynamic, and successful Forum in West Africa in 2015!



Forum participants tour Sustainable Green Fuel Enterprise, which won an Alliance Pilot Innovation Facility grant to expand operations.

Sean Bartlett



Bokeh Cambodia



For their efforts to advance the clean cooking sector, the Alliance presented awards to, from L-R: John Mitchell and Brenda Doroski (not present), U.S. EPA; Mr. Sun Zhen, Chinese government, on behalf of Madam Deng Keyun (not present); Prof. Kirk R. Smith, UC Berkeley; Jacob Moss, U.S. State Department; and GERES, accepted by Alain Guinebault. Alliance Executive Director Radha Muthiah is pictured at center.

Bokeh Cambodia

Bonn International Cooking Energy Forum

The Alliance and the German Federal Ministry for Economic Cooperation and Development (BMZ) co-hosted a forum in Bonn in June 2013 to strengthen commitments and partnerships under the Alliance. The approximately 120 participants from government ministries, the private sector, and investment and non-governmental organizations came away from the forum with a deeper understanding of the complexities of the household energy pollution issue and a better appreciation for the opportunities and benefits of clean cookstoves and fuels under the Alliance framework.



GIZ

CHAMPIONING THE ISSUE AND ADVOCATING FOR CHANGE

The Alliance is governed by two distinct bodies that provide global leadership to drive change: an Advisory Council to advise the Alliance in the execution of its stated mission, including matters related to the Alliance's strategic communications and programmatic focuses, partners, grant making, budget, and staffing; and a Leadership Council designed to provide critical thought leadership and high-level advocacy on behalf of the initiative. Significant media coverage allowed the Alliance to continue to raise awareness about its efforts among policymakers, donors, and users alike.

A Champion for the Clean Cooking Sector

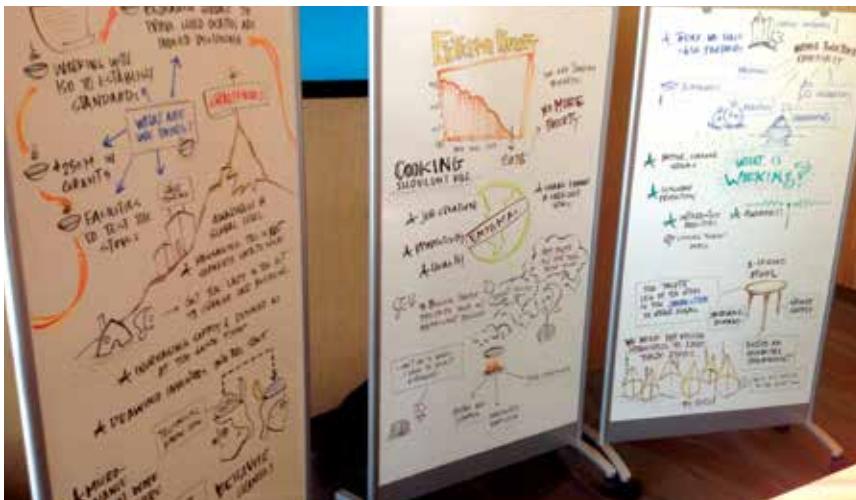
Before departing office earlier this year, Secretary of State Hillary Rodham Clinton was asked about the reaction people have to her support for the Alliance and the cookstoves issue: "Clean cookstoves? What does that have to do with world peace and prosperity and human rights and democracy and freedom?" Well, everything actually," she said. Clinton then announced millions of dollars in financing to support clean cookstove programs throughout East and Southern Africa.



State Department

Media Coverage and Increased Visibility

The Alliance was featured in dozens of global, national, and local media outlets in the past year that include *Al Jazeera*; *AllAfrica*; *ABC News*; *Cambodia Daily*; *CNN*; *Forbes*; *The Guardian*; *The Hindu Business Line (India)*; *The Huffington Post*; *Le Monde*; *Nature*; *The New York Times*; *The Phnom Penh Post*; *Prensa Libre (Guatemala)*; *The Star (Kenya)*; *Smithsonian Magazine*; and *Voice of America*.



Sean Bartlett

Alliance Executive Director Radha Muthiah attended TED 2013 and hosted a luncheon to bring the cookstoves story and the Alliance's mission to some of the inspiring and innovative leaders that typically attend TED conferences. Lunch guests included representatives from foundations, corporations, investment groups, and the media, many of whom were completely new to the household air pollution issue and the opportunities offered by clean cookstoves and fuels. *The dynamic conversation resulted in the pictorial representation at left.*

Throughout the year, the Alliance raised the visibility of the household air pollution issue and its transformative work at other international meetings and organizations such as the World Health Assembly, the Climate and Clean Air Coalition, the Clinton Global Initiative, and Sustainable Energy for All.

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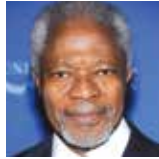
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The Global Alliance for Clean Cookstoves is grateful for the generous financial and in-kind support of our donors

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The Global Alliance for Clean Cookstoves is a public-private partnership led by the United Nations Foundation to save lives, improve livelihoods, empower women, and protect the environment by creating a thriving global market for clean and efficient household cooking solutions. The Alliance's 100 by '20 goal calls for 100 million households to adopt clean and efficient cookstoves and fuels by 2020. The Alliance is working with its public, private and non-profit partners to help overcome the market barriers that currently impede the production, deployment, and use of clean cookstoves in developing countries.

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