



# SUSTAINABLE NEIGHBORHOODS FOR WELL BEING AND HAPPINESS

CGI COMMITMENT LED BY THE RAMSEY SOCIAL JUSTICE  
FOUNDATION, FINAL REPORT, 2018



## PREFACE

In 2015, The Ramsey Social Justice Foundation and the City of Tempe, in partnership with Arizona State University, Habitat for Humanity, and New Course, committed to revitalize two marginalized neighborhoods in Arizona and Guatemala through the community-driven Sustainable Neighborhoods for Wellbeing and Happiness project. The project aimed to retrofit 30 homes in Guatemala and 150 in Tempe, Arizona, and develop skills training for 30 women and 60 smallholder farmers. By engaging local residents in the planning and implementation process, the project aimed to create localized, sustainable solutions to each neighborhood's most pressing needs and improve the overall health of community members. Ultimately, the project goal is to advance a global framework for sustainable neighborhood development and revitalization.

### History

In January 2013 the Ramsey Social Justice Foundation in partnership with Habitat for Humanity of Central Arizona launched construction of their 51<sup>st</sup>, 52<sup>nd</sup> and 53<sup>rd</sup> LEED- certified sustainable and affordable homes in their hometown of Tempe Arizona. The City of Tempe enthusiastically supported the project and along with 500 volunteers the homes were completed in June 2013. During the ceremony Tempe Council members committed to building more sustainable affordable homes within Tempe and city owned land.



*Honorable Vice Mayor Robin Arredondo-Savage with worthy RSJF volunteers refresh paint in Victory Acres of Tempe, with non-VOC paint.*



*RSJF and Habitat for Humanity volunteers participating in a sustainable build in Victory Acres.*

In the same month the directors of the Ramsey Social Justice Foundation and Members of the Clinton Global Initiatives attended CGI America's third annual meeting regarding Commitments to Action for USA. During conversations at a sustainability workshop about their fifty three LEED certified Habitat homes, the directors were asked to attend a special breakout group regarding sustainable neighborhood building.

By conference's end Jenny Norton, representing the Ramsey Foundation, had a tentative plan and a pledge for a new CGI Commitment to Action: Two Sustainable Neighborhoods. She quickly organized several meetings and gained project partners: Habitat for Humanity Central Arizona, the City of Tempe (including council members, Community Outreach and Neighborhood Services Department), Habitat for Humanity Guatemala and the Walton Sustainability Solutions Initiatives at Arizona State University.



*Preliminary meetings with RSJF's Jake Ireland, City of Tempe's Neighborhood Director Shauna Warner and Publicity Director Denise Rentschler, Habitat for Humanity's Liz Pabst-Wanless, Gabriel Jaramillo, Rusty Parsons, Maribel Saucedo, and Roger Newhouse.*

Jenny Norton along with financial support from the Ramsey Social Justice Foundation proposed to build two sustainable neighborhoods : one in a Tempe barrio, another in the sister city of Zacapa Guatemala.

In 2015, The Ramsey Social Justice Foundation and the City of Tempe, in partnership with Arizona State University, Habitat for Humanity, and New Course, agreed to revitalize two marginalized neighborhoods in Arizona and Guatemala through the community-driven Sustainable Neighborhoods for Wellbeing and Happiness project. With the intention of presenting a full commitment proposal to CGI at the next CGI America meeting

In June of 2016, The Ramsey Social Justice Foundation was honored to announce that



Clinton Global Initiative (CGI) America had approved the RSJF Commitment to Action, titled *Sustainable Neighborhoods for Wellbeing and Happiness*. The commitment was launched at the sixth annual CGI America meeting in Atlanta, GA.



*Representatives of RSJF, ASU, New Course (Bob Ramsey, Jenny Norton, Gina Inorio, Scott Cloutier, Jamie Bechtel), presenting the Sustainable Neighborhoods for Wellbeing and Happiness Commitment to Action to CGI's gracious staff, Bill Wetzal, Giselle Sebag, Luke Schiel, Elsa Palanza, and Dave Watt.*

The *Sustainable Neighborhoods for Wellbeing and Happiness* commitment, led by Jenny Norton and Bob Ramsey of the Ramsey Social Justice

Foundation, in partnership with the City of Tempe, Arizona State University's Julie Ann Wrigley Global Institute of Sustainability, Habitat for Humanity of Central Arizona, Habitat para la Humanidad Guatemala, Habitat for Humanity International Arizona and New Course aims were to create sustainable and affordable housing for the least among us.

"Our commitment isn't just about creating two sustainable neighborhoods," explained Jenny Norton, Co-Founder of the Ramsey Social Justice Foundation. "We want to establish a scalable project that can serve as a model for realizing many more sustainable and healthy neighborhoods for our marginalized neighbors, while working to preserve our Mother Earth."

"The City of Tempe is excited to participate in the initiative that will help transform Victory Acres into a more sustainable community," Tempe Mayor Mark Mitchell said. While Vice Mayor Lauren Kuby has also been an ardent supporter of the project



*Incoming Vice Mayor, and Tempe City Council Spokeswoman for our Sustainable Neighborhoods mission, Honorable Lauren Kuby, meets with RSJF's Jenny Norton and Jamale Mirza.*

The Ramsey Social Justice Foundation has a long history with Habitat for Humanity, which includes building the first LEED Platinum Certified Sustainable affordable home in the nation. Since then, they have completed a NetZero home, built more than 100

green-built affordable homes and help to provide clean water and shelters in nations of need.

In an effort to ensure the Sustainable Neighborhoods mission is met, the partners aimed to engage and educate community members throughout the process.

“Empowering communities to define and achieve their priorities is a key to sustainability,” stated Mick Dalrymple, Director, University Sustainability Practices, Arizona State University.

The initial scope of the project included the Victory Acres neighborhood in Tempe, Arizona and three communities in Guatemala - Santo Domingo, Milpas Altas and Santa Lucia. (Santo Domingo Xenacoj in Sacatepéquez, Santa Lucia Uatlán in Sololá and Santa Lucía Milpas Altas in Sacatepéquez.

“The City of Tempe is excited to participate in the initiative that will help transform Victory Acres into a more sustainable community,” Tempe Mayor Mark Mitchell said.



Victory Acres, an established and low-income neighborhood in Tempe is comprised of several third-generation Tempe families. The transition into a sustainable community was foreseen to include renovating and weatherizing existing homes, as well as building new green-built homes. These efforts were designed to help improve the homeowners’ health and safety, while reducing their housing operation and maintenance costs.

“Affordable housing issues are not limited to those needing a new home, but also in neighborhoods with existing homes,” HHCAZ’s Chief Program Officer, Lisa Weide stated. “Habitat has expanded its

service to include home repair and neighborhood revitalization.”

In Guatemala, community improvements were planned to focus initially on ensuring households have access to clean energy, improved wash facilities including access to clean water and latrines, and in some cases, installation of cement flooring. In an effort to ensure continued progress, residents were targeted to receive training in community organization, financial education, disaster prevention and mitigation, use and maintenance of products and construction.



*Bob Ramsey (RSIF Founder and Director) builds a clean cook stove with Senora Martina, healthfully revitalizing existing homes in Guatemala.*

“The needs of these communities are so great and diverse,” shared Steven J. Cook, Director of International Resource Development Guatemala. “We are encouraged to be working together with families in need to assist them in improving their living conditions.”

*Jenny Norton (RSJF) with Women's Committee Chair, Senora Emy and Members and families in Santo Domingo, Guatemala.*



“Making sure clean energy and home repairs benefit all the members of a household helps to build resilience for the entire family.” Dr. Jamie Bechtel, CEO of New Course further explained “We are excited to be working on this inclusive program with such a dedicated team of practitioners and community members in two very different scenarios.”

### **Victory Acres, Tempe, Arizona: Activities and Results**

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A cornerstone of efforts to build a more sustainable neighborhood in Victory Acres has been the revitalization of homes in the neighborhood through the work of Habitat for Humanity Central Arizona and their team of staff and volunteers. Efforts have focused on repair and upgrades to existing homes including landscaping to reduce water consumption and beautify, improved roofing and new windows for energy conservation, painting and other home repairs.

The project has served over 90 families in the neighborhood, engaged over 1300 volunteers and contributed more than 9000 hours of labor to these efforts (See next page).



## Sustainable Neighborhoods for Wellbeing and Happiness

Habitat for Humanity's Progress Update  
January 2016 - March 2018

**227** individuals impacted  
**32** families served signed more than one contract  
**112** contracts signed  
**193** home repairs completed or in progress  
**2** community organizations served

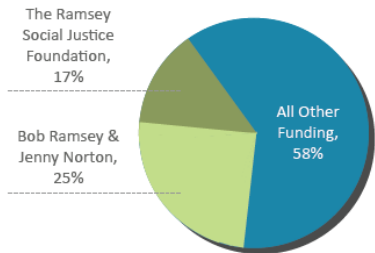
Average Repair Contract:  
\$7,127



- Habitat uses only low VOC rated paint
- all windows meet or exceed the Southern Climate fenestration values as set by Energy Star
- landscape projects used 100% drought tolerant plants
- 42 trees were planted in Esquer Park in April of 2017, which has a potential carbon sequestration of 142.8 tons.

**80** families served    **1,315** unique volunteers    **9,043** hours of labor

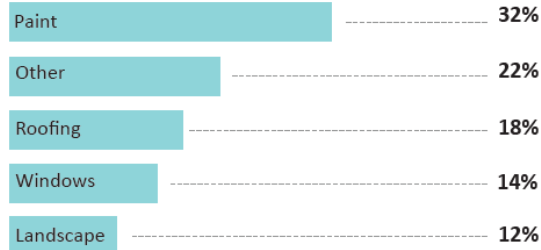
### Funding Sources



Bob Ramsey & Jenny Norton 215,000  
 Ramsey Social Justice/Community Services Foundations 150,000

### Funding Report

Summary	
Total contributions received	864,589
97 contracts completed	-653,163
<b>Fund Balance</b>	<b>211,426</b>
Looking forward	
Fund Balance	211,426
15 projects in progress	-88,482
32 prospective projects	-211,687
<b>Estimated Fund Balance</b>	<b>-88,743</b>

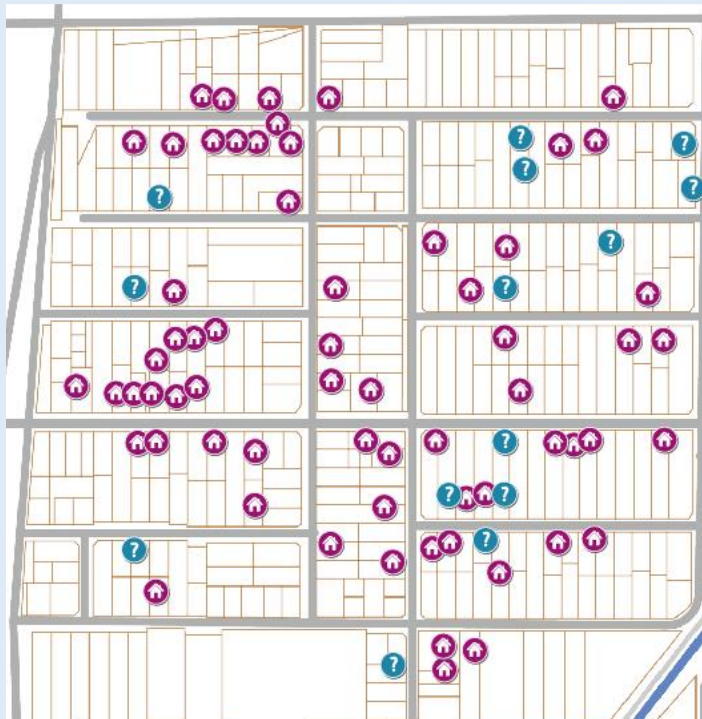


**12 projects are currently in progress** with contracts totaling \$83,135.70. An additional **32 families have interest in receiving repairs** with estimated costs totaling \$211,687.

### Veteran Update



Proudly served 11 military veterans and their families.



As part of the Sustainable Neighborhoods project and in honor of the veterans living in Victory Acres, RSJF, the City of Tempe and Habitat for Humanity Central Arizona embarked on an initiative serving veterans by making their homes more affordable and sustainable. Volunteers weatherized the homes and made improvements to reduce operational and maintenance costs for veterans, many of whom have limited incomes.

### Neighborhood Revitalization Impact Map

- Signed home repair contracts; repairs are completed or in progress
- Families who we have requested site visits and are interested to receive services

These efforts have been complemented by outreach to the community by the ASU School of Sustainability, including community meetings, support for composting and community gardens and discussions about safety issues in collaboration with the City of Tempe. The Victory Acres neighborhood is served by a number of City and Non-profit agencies. One of these nonprofits, the Tempe

Community Action Agency has a dedicated staff of volunteers and recently opened a new Center to serve its clients, including residents of Victory Acres. Their efforts contribute powerfully to a more sustainable neighborhood and the well-being of residents of Victory Acres.

### Tempe Community Action Agency: The Norton and Ramsey Center

APRIL 13TH, 2017

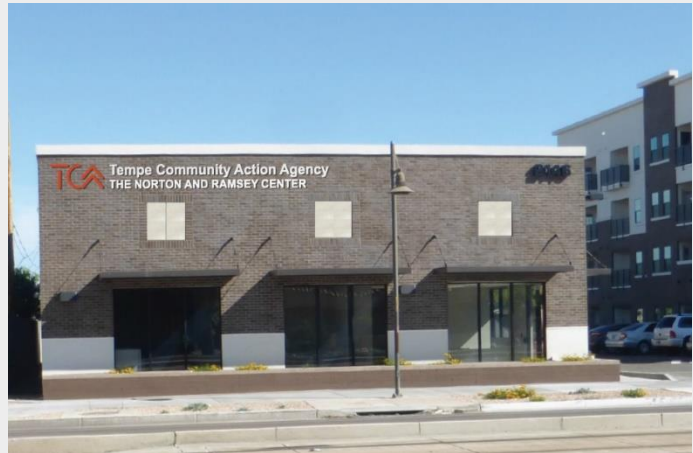
#### Ready to Provide Help to More People in Need

Building on its more than 50 years of service to people in need, Tempe Community Action Agency (TCAA) opened a new office at 2146 E. Apache Blvd in Tempe. The recently completed structure is named The Norton and Ramsey Center in honor of long-time TCAA supporters Jenny Norton and Bob Ramsey. The site hosts the agency's Emergency Services programs, Food Pantry, I-HELP (Interfaith Homeless Emergency Lodging Program) team and administrative offices.

It offers many benefits for clients, community partners, and volunteers. Located in the adjacent Escalante neighborhood, it offers easier access to assistance for more people, a larger food pantry provides more space for food and for the volunteers who staff it. Plus, its location next door to senior-living facility Meridian offers opportunities for TCAA both to serve more seniors in need and to welcome more senior volunteers. Youth experiencing homelessness can access shelter and wrap around support in Tempe through this partnership.

Bethel Development, Inc. built the facility for TCAA through a tax credit agreement with the City of Tempe. The building was developed for TCAA at no cost to the agency.

***"Tempe Community Action Agency is an organization that takes ACTION and it is one of profound activism, historically and currently," says Jenny Norton, whose mother helped found TCAA more than 50 years ago. "Never have I witnessed so many wonderful activists, including Tempe's citizens, accomplishing wondrous goals here."***



### Carbon Offsetting: Planting 42 trees in Esquer Park

During Earth Day Month, in collaboration with Honorable Mayor Mark Mitchell (pictured), City of Tempe, , Arizona State University, Habitat for Humanity, The Ramsey Social Justice Foundation, and the residents of Victory Acres, 42 carbon offsetting trees were planted by volunteers from each of the above listed, in our Sustainable Neighborhoods

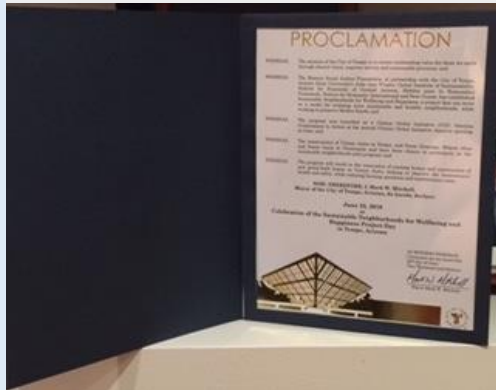
## Certificate for Appreciation from the Mayor and City of Tempe

The City of Tempe honored RSJF, ASU, Nature Works and the Ramsey Social Justice Foundation with the 2018 Sustainability Award for Community Collaboration and outstanding service to the City of Tempe, related to work associated with the commitment to action.



## Proclamation declaring June 23, 2016, the Sustainable Neighborhoods for Wellbeing and Happiness Project Day in Tempe, Arizona.

Vice Mayor Woods invited The Ramsey Social Justice Foundation's Jenny Norton, Bob Ramsey, Gina Inorio, and Jake Ireland; Habitat for Humanity of Central Arizona's Roger Neuhaus and Gabriel Jaramillo; and, Arizona State University School of Sustainability, Mick Dalrymple, Mara DeFilippis, and Andres Gonzalez to the podium. He read a proclamation declaring June 23, 2016, the Sustainable Neighborhoods for Wellbeing and Happiness Project Day in Tempe, Arizona.





## Sustainable Neighborhoods in Guatemala

When the Sustainable Neighborhoods for Wellbeing and Happiness CGI commitment was first planned it included a commitment to support 30 families in 3 communities in Guatemala - Santo Domingo, Milpas Altas and Santa Lucia. (Santo Domingo Xenacoj in Sacatepéquez, Santa Lucia Uatlán in Sololá and Santa Lucía Milpas Altas in Sacatepéquez. It soon became clear that with the support of RSJF, partners would be able to do much more.

The first phase of the project, based in Guatemala, resulted in 152 families receiving training in financial management, water, health and sanitation, emergency preparedness. They were also provided with Healthy Home Kits. These kits included clean cookstoves (reducing smoke, respiratory problems and the use and costs of firewood), water filters to improve the quality of water and reduce health issues, new latrines, concrete floors, and solar lamps (Luci lights). During this phase, an additional 70 families were identified as particularly vulnerable, and thanks to the Ramsey Social Justice Foundation, these additional households also received training, Healthy Home Kits and cement flooring, during a second phase of the project. At the completion of the second phase of the Sustainable Neighborhoods project in Guatemala was able to support over 222 families and approximately 1100 people.

In the second phase of the project was executed from June, 2017 to May, 2018 and the partner families were from two of the same communities as the first phase. The second phase project communities:

- Municipality of **Santo Domingo Xenacoj** (50 families)
- Central Pahaj, Central Pamezabal, Pahaj and Chrijcaja, and Chichimuch, Municipality of **Santa Lucía Uatlán Sololá** (20 families)

### Project activities and trainings:

The second phase began with community outreach and collection of baseline data from all of the partner families. The baseline results will serve as a benchmark for data collected one year after the project's completion. Habitat Guatemala provided

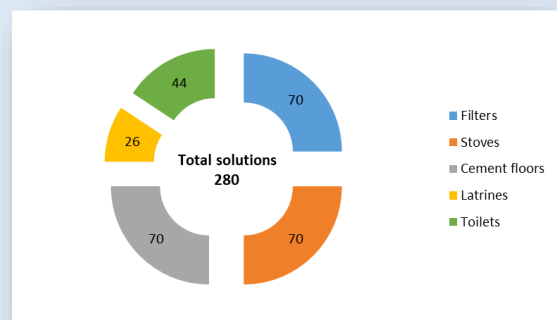


families in both communities with trainings on Health and Environment, Financial Education, and Disaster Prevention and Mitigation as well as trainings with community organizations on Leadership, Teamwork, and Community Management and Organization.

As the second phase progressed, families participated in technical trainings to ensure the success of the project. The technical trainings covered information on the construction, utilization and maintenance of the smokeless stoves, latrines, toilets, and cement floors, as well as the utilization and maintenance of water filters. A representative from all 70 partner families participated in the technical trainings, which enabled significant advances in the execution of the project.

### Healthy Home Kit construction and distribution:

Habitat Guatemala worked with families in the distribution of the various construction materials for the Healthy Home Kits. Over several months, a total of **280 solutions** were implemented in the two communities, representing a total of 70 Healthy Home Kits for 70 families.



In the community of Santo Domingo Xenacoj, Healthy Home Kits were implemented with 50 families, each including a smokeless stove, a water filter, a cement floor, and either a sanitary latrine or an improved toilet. Prior to the intervention, 44 of the partner families in Santo Domingo Xenacoj had toilets in poor conditions; for these families, Habitat Guatemala worked to improve their toilets. With the remaining 6 partner families in Santo Domingo Xenacoj, Habitat Guatemala implemented sanitary latrines. In the community of Santa Lucia Utatlán, Habitat Guatemala partnered with 20 families to provide Healthy Home Kits, each with a smokeless stove, a water filter, a sanitary latrine, Luci lights and a cement floor. In total, the 280 products implemented with the 70 partner families benefit **420 individuals** (based on an average family size of 6) with improved health, hygiene, and living conditions.



*Jamie Bechtel (New Course), Logistics Supervisor Jeff Coffman, Bob Ramsey and Jenny Norton (RSJF) receiving generous thanks from community members.*

### **Guatemala- Women and Girls**

During the long violent civil war in Guatemala women suffered brutally at the hands of soldiers. Many of these violations have been recognized and the perpetrators have been tried and convicted as war criminals. Unfortunately, the culture of violence, discrimination and marginalization of women has remained long after the cessation of the war. Consequently, the face of poverty and hunger in Guatemala is young, indigenous, rural and largely female. These issues are compounded by the fact that many women are the head of household as men often migrate to cities or immigrate to other countries for employment. Recognizing the barriers

faced by women, a priority for the CGI commitment was to ensure that the needs and challenges of women and girls were fully integrated into project objectives and activities.

The Sustainable Neighborhoods investments addressed important challenges that women face every day and the engagement of women throughout the project has been comprehensive. Importantly, the majority (over 70%) of the families targeted by the commitment in Guatemala were members of indigenous groups.

Of the 222 families who benefitted from the Sustainable Neighborhoods project, women were the primary stakeholders identified for training and capacity building including addressing issues such as financial management, disaster preparedness, nutrition, safety, health and sanitation among other issues. Almost 40% of families who benefitted from the project were headed by women including single mothers, divorced women, and widows. Over half of the women surveyed had no formal education and less than 7% attended high school. Just over half of the women know how to read and write. The primary sources of income for women in these communities was either weaving (~40%) or income as small vendors (~13%). While only 30-40% of women listed homemaker as their primary task, women who indicated that they generated income through informal or formal jobs were also responsible for the care of their families and households.

In addition to capacity building and training, the CGI commitment directly addresses some of the key challenges that women face in their roles as caretakers of their families. Water filtration systems improve access to clean reliable water, improving family health, and reducing health costs, reducing costs of water purchase and/or reducing the time women spend boiling or collecting clean potable water. Cleaner more efficient cookstoves have reduced wood use by 40-50%, decreasing the amount of time/money women spend on collecting or buying firewood, as well as improving the health of family members by drastically improving the quality of air in a household. Investments in toilets and latrines, cement floors and training in sanitary practices has also improving health and reduced

health costs. Solar lamps and disaster preparedness training are improving safety and reducing energy costs. Nutritional training is also expected to reduce health issues and have educational benefits for children.

As a result of this gendered focused approach, additional funding has been secured to continue to work with women and children. The Grousemont Foundation is supporting a program focusing on providing health service to mothers and children in some of the poorest families in Santa Maria, Guatemala (See Below).

### Mother and Child Program: A partnership between New Course and From Houses to Homes

Ensuring children and mothers are well fed and healthy is key to a good education. With funding from the Grousemont Foundation, New Course is partnering with From Houses to Homes to support the Mother and Child program to provide health services and training to elementary school children and their mothers at Escuela Kemna Oj in Sta. Maria, Guatemala a Pre K to 9th grade school serving the poorest families in the community. The project will target reducing malnutrition, providing access to medical professionals and family planning.



### Guatemala – Monitoring and Evaluation

In addition to the training and provision of healthy home kits New Course worked with Habitat for Humanity, Guatemala to strengthen monitoring and evaluation practices to better record and demonstrate the positive impacts of the project. The hope is that by better articulating lessons

learned and successes, Habitat for Humanity can expand the project throughout Guatemala.

Baseline information and data collection were carried out the beginning of the first and second phases of the project. And at the end of the first phase of the project an evaluation was carried out to determine the progress of the project.

### Highlights of Phase 1 Impact Evaluation

- **152 families with a Healthy Home Kit and cement floor in Santo Domingo Xenacoj , Santa Lucia Utatlán and Santa Lucía Milpas Altas**
  - 100% of families with clean cookstoves
  - 100% of families with Water filtration system
  - Approximately 75% of families have new ceramic toilet with plumbing and 25% with new sanitary pit latrine with ventilation.
  - 100% of families have new cement floors in at least one room
  - 100% of the families served received training sessions on topics of Financial Education, Disaster Response, Nutritional Recipes and Healthy Housing, as well as training in the construction process of the latrine, stove and maintenance of water filters.
  - 100% received Lucy lights.

- **40% reduction in monthly costs of firewood, amounting to 10% savings of the average families total monthly expenses** - In 2016 average family costs for firewood was Q185.00 per month, in 2017 families now spend on average Q112.00 per month on firewood. The savings of 73Q per month represents almost 10 % of all household expenses which average Q760 per month.
- **Carbon monoxide levels reduced by between 90 and 100%! - 100%** of the families interviewed reduced the amount of carbon monoxide inside their homes. Tests for 63.63% of families interviewed indicated a reduction to 0.00 PPM (parts per million), and the 36.37% of families experienced a 90% reduction in the PPM.
- **40% reduction in incidence of respiratory conditions** - 75.65% of families reported incidences of respiratory conditions in 2016 in 2017 families reported only 45% incidences of respiratory conditions.
- **37% reduction in gastrointestinal problems-** from 47% incidence in 2016 down to 30% in 2017.

By the end of the second phase of the project **222 families** had received a Healthy Home Kit, cement floors and training in Financial Education, Disaster Response, Nutritional Recipes and Healthy Housing, as well as training in the construction process of the latrine, stove and maintenance of water filters.

### CGI Commitment Outcomes

As presented on the Clinton Global Initiative website the aim of the commitment has remained constant: ‘... to create localized, sustainable solutions to each neighborhood’s most pressing needs and improve the overall health of community members.’ As the project has developed project partners have listened to community members and leaders to adapt and grow the impact of the project. Needs and capacity assessments of the poorest in these communities have shaped a stronger focus on improvements to houses and homes and (in Guatemala) training in financial management, health, hygiene, and disaster preparedness. With a focus on these priority issues, training and capacity building in business development, management and small holder farmer training in more sustainable farming techniques, were set aside for future investments. This adaptive management and an increase in financial investment in the project to close to US\$1,000,000 has resulted in project partners surpassing many of the initial commitment targets.

For instance, project partners have reached more than double the number of people originally anticipated by the project. While 780 people was the original goal, more than 1500 community members

ended up benefiting from partner efforts. The number of families reached was almost double the original target and the target for home renovations and greening of homes by partners was surpassed by an additional 2/3 to over 300 homes. Capacity building and trainings (in water, health, hygiene, disaster preparedness, and maintenance of the green technologies provided) far exceeded training targets. Over 1000 people now have access to clean potable water, improved sanitation facilities and cement flooring to reduce health risks in Guatemala. Cleaner cook-stoves have reduced wood use by more than 40% reducing greenhouse gas emissions by more than 1700 tons of CO<sub>2</sub> per year. Families are breathing cleaner air, drinking cleaner water, adopting more hygienic practices and are healthier since the project began. These investments have also lead to cost savings on fuel wood, clean water and health costs.

While the CGI commitment has been completed and accomplished remarkable achievements over the past two years, the efforts of partners continue in both Tempe and in Guatemala. And the impact of the commitment will continue to be felt in the years to come.

**Comments from ladies in Guatemalan communities:**

*"I save on expenses for my family and now we don't become ill as often as before."*

*"Now that we no longer cook over an open flame we are able to avoid accidents. There is no longer smoke in the kitchen."*

*"The floor no longer gets dirty. The latrine helps prevent us from becoming sick."*

*"There isn't any more smoke. We now drink clean water."*

*"I no longer have smoke in my home and I no longer spend money on water."*

*"These products helped me to save money and it improve my family's health."*

*"I save on firewood and I no longer need to buy purified water."*

*"Thanks to the support I have received, I can now have an improved health."*

*"My health has improved, I save money, and it is easier to cook meals."*

## CGI Commitment Results and Impact

Commitment Indicator	Commitment Original Target	Outcome
<b>CLIENT TYPE</b>		
Number of lives affected (Total)	780	Est. over 1500
Number of lives affected (Adults)	360	Est. 620
Number of lives affected (Children)	240	Est. 880
Number of lives affected (Women / Children)	240	Est.1190
<b>COMMUNITY</b>		
Number of housing units constructed or preserved (Total)	180	Over 300
Number of housing units constructed or preserved (Affordable Housing)	180	Over 300
Number of people that demonstrate behavior change	60	Over 400
Number of people that demonstrate behavior change (Legal Rights of Women)	60	NA
Number of lives affected (Survivors of Gender-Based Violence)	30	NA
Number of communities affected	2	5
Number of households affected	180	312
<b>ENERGY &amp; ENVIRONMENT</b>		
Amount (USD) invested towards the commitment	~US\$600,000	~US\$1,000,000
Tons of CO <sub>2</sub> equivalents reduced or avoided (Total)	223	<ul style="list-style-type: none"> <li>➤ 142.8 tons from trees in Esquer Park, and</li> <li>➤ 1,747 tonnes of carbon per year from reduced</li> </ul>

Commitment Indicator	Commitment Original Target	Outcome
		firewood use in Guatemala <sup>1</sup>
Tons of CO2 equivalents reduced or avoided (Direct GHG Emissions)	223	See above
Kilowatt/hours of energy saved	232,128	NA
Percent increase go agricultural products or raw materials sold due to new access to markets	25%	NA
Average percent increase in yield of farmers using sustainable farming practices or climate smart agriculture	NA	NA
<b>GLOBAL HEALTH</b>		
Number of individuals with access to improved sanitation facilities	50	≥1000 (Guatemala)
Percent of population with reasonable access to improved water sources	50%	≥ more than 1000 people now have improved access to clean potable water {Guatemala}
<b>ECONOMIC DEVELOPMENT (the project adapted to focus more on health, sanitation, and sustainable housing)</b>		
Number of part-time, permanent jobs created	30	NA
Percent growth in clients' average net income	100	NA
Amount of capital (USD) disbursed to entrepreneurs, microenterprises, or SMEs	\$5,000	NA
Number of people to receive training, formal or informal (Total)	60	~ 290 people

<sup>1</sup> Calculated by using a reduction of 40% per month in wood use and assuming the net calorific value of non-renewable biomass (NCVbiomass) = 0.015 TJ/tonne (IPCC default value for fuel wood) and CO2 emission factor for the biomass fuel = 109.6 tCO2/TJ (IPCC default value for biomass from IPCC 1996).

Commitment Indicator	Commitment Original Target	Outcome
Number of people to receive training (Environmental Sustainability)	60	~ 290 people
Number of people to receive training (Smallholders)	60	NA

