



Working with Communities

Examples of CSR Projects in Canada and the USA

So the world builds better.



LafargeHolcim

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1 – Introduction to Corporate Citizenship at LafargeHolcim

Our Group Sustainability Strategy - The 2030 Plan - sets a vision that the construction sector of tomorrow will be innovative, climate-neutral and circular in its use of resources. It will be respectful of water and nature, and it will be inclusive, enhancing the quality of life for all.

Our industrial operations have a wide geographical footprint and are usually present in a territory for an extended period of time. In addition, our cement, concrete and aggregates activities are all local businesses, where manufacturing is often close to the selling point and final customer. Therefore, our operations have an impact on local communities and people's lives.



At LafargeHolcim, we believe this impact can be positive. We also think our solutions can provide answers to challenges affecting the communities where we operate, such as urbanization, housing needs, health & safety and human rights.

This is why we set ambitious sustainability targets. By 2030, we want to help 75 million people live better lives through our inclusive business models, affordable housing and social investments programs. Our social investments are based on long-term strategies, implemented in partnership with specialized local or international actors, and address clear needs in the communities where we operate. Our areas of focus include health, education, shelter and infrastructure, environment and local employment creation.

Every day across 80 countries, LafargeHolcim teams contribute in many ways to turn the Group's sustainable development commitments into real actions. On the following pages, examples of our Corporate Social Responsibility (CSR) projects in Middle East and Africa illustrate how we partner with local stakeholders to create shared value and contribute to the development of communities.

2 – USA: Supporting Elementary Schools through the STEM Mini-Grant Program

LafargeHolcim USA made education a foundation of their CSR program. To engage children in science and promote learning that makes a lasting impression, the Midlothian cement plant in Texas developed a unique grant program for local elementary schools.

In a Nutshell

Context

The United States has seen the cost to educate each student more than double in the last 20 years. With this increase, many schools find it difficult to provide new technology, interactive lessons and basic supplies to students. In the city of Midlothian, Texas, and the surrounding community, a large population increase is causing further stress on the education system. In response, the Midlothian Cement plant developed a mini-grant program geared towards Science, Technology, Engineering and Mathematics (STEM).



Grant recipients from local schools.

Main Actions

Teachers from local elementary schools (1st – 5th grade) can apply for a grant of up to 500 USD to help fund unique classroom projects and field trips. Each application is reviewed and voted on by a selection panel comprised of plant personnel and local citizens. The selection process places special emphasis on requests that can be used by more than one class or for multiple years, to create lasting value to the school and students. Additional volunteer time is spent by employees with the classes who receive the grants.

Community Impact

Every year, over 40 applications are received for the grants, and expanded STEM educational opportunities are provided to over 500 students. Many of the targeted schools receive Title 1 funding (federal financial assistance), since a high percentage of students come from low-income families. The field trips in particular have a lasting impression on students, most of whom walk away from the experiences engaged and excited about science.

External Partners

LafargeHolcim has worked with Ann Green Communications on the mini-grant program, and partners with local schools to encourage applications. Company representatives, along with the local community advisory committee, review the applications and present the grants to schools and teachers.



Supplies for a biology project that were purchased with grant money.

Taking Part in Local Education

Committed to giving back to the communities where we operate, LafargeHolcim's CSR activities support education projects worldwide. As leaders and innovators of tomorrow, today's children will play a key role in solving sustainable development challenges. Strong foundations in science, technology, engineering and mathematics will not only enable students to better tackle these issues in the future, but also foster their curiosity and ambition and improve their chances for a successful start into their professional life.

The mini-grant program helps to promote STEM education within the community, and strengthens the relationship between LafargeHolcim and local public schools. Our staff at Midlothian Cement plant also utilized the grant program to develop further educational activities such as open houses, school plant tours, and in-class teaching opportunities by company volunteers.

In the past, teachers have used the grants for:

- Field trips to the Trinity River Audobon in Dallas
- Circuitry kits to teach elementary electronics
- Equipment to teach hydraulics
- Advancement of a conceptual science center
- And much more

A handwritten note on a piece of paper, written in cursive. The text reads: "The grant you gave us allowed us to have the Perot Museum come and visit our school. Their demonstrations helped to disturb the monotony of reviewing for tests, and allowed us to have a little fun while doing so. Thank-you for ~~the~~ funding them it was sooo much fun."

For more information, contact dan.carnes@lafargeholcim.com, LafargeHolcim Midlothian.

3 – USA: Collecting Hazardous Waste for Health and Environmental Protection

LafargeHolcim sites in the U.S. organize annual Household Hazardous Waste Collection Days to ensure the proper disposal and recycling of waste. Through the collection of thousands of pounds of materials, company volunteers in Artesia and Ste. Genevieve help protecting people's health and the environment.

In a Nutshell

Context

In many of the areas in which our plants operate, there is no convenient, cost-effective outlet for residents to dispose of their household hazardous waste. Without the right means to dispose of hazardous waste, there is a risk of the materials leaching into the soil, contaminating groundwater and harming human health.



Artesia Gecocycle volunteers.

Main Actions

Two of our sites in the U.S., Artesia, a mothballed cement plant in Mississippi, and Ste. Genevieve, a cement plant in Missouri, hold annual Household Hazardous Waste Collection Days. Employees of Geocycle and plant employees volunteer their time to help organize and run the events. After the waste is collected, it is sorted based on type. Electronic waste is handed over to a recycling company, while hazardous and non-hazardous wastes are sent for fuel blending and waste to energy services where applicable. In 2017, 6 volunteers at Artesia, and 8 volunteers at Ste.

Genevieve invested a total of 85 hours in this community service. The amount of waste that was dropped off at each location was staggering and emphasized the importance and need for such programs.

Community Impact

The waste collection days make it easy for residents to drop off their hazardous waste and have it sorted and properly disposed of for them. The collection ensures that dangerous chemicals are not discarded with ordinary trash or poured down sinks and storm drains, which can cause harm to local ecosystems and public water supplies.

External Partners

Local non-profit organizations and state departments support the annual waste collection events. Artesia partners with the Mississippi Department of Environmental Quality, and Ste. Genevieve with the Missouri Department of Natural Resources.



Pallets full of hazardous waste collected at Ste. Genevieve.

Responsible waste management for a more sustainable future

With a predicted population of nine billion people by 2050, the world faces the immense challenge of balancing local and global efforts to meet human needs, while preserving the environment. Responsible waste management is crucial to these efforts. Through Geocycle, LafargeHolcim's waste management provider, we work with regulatory bodies, governments, communities and other groups to increase awareness about waste issues. Offering free collection of hazardous waste in communities where we operate, we actively contribute to solving our communities' waste management challenges.

In 2017, we collected in Artesia:

- 15,000 pounds of electronics, 4,22 tons of trash, 606 pounds of corrosives
- 2 x 20 cubic yard dumpsters of paint and 70 tires
- 425 gallons of motor oil, 308 gallons of antifreeze, and 1,501 gallons of flammable liquids

And in Ste. Genevieve:

- 370 cars brought waste from across Missouri
- 15,000 pounds of batteries, 43 computer monitors, 310 TV sets and 72,000 pounds of electronics

Creating value from waste for a more sustainable future: Geocycle contributes significantly to LafargeHolcim's sustainability strategy, the 2030 Plan, and one of the focus areas in particular: Circular Economy. By 2030, we want to use 80 million tons of resources derived from waste in our operations each year.

For more information, contact curtis.middleton@lafargeholcim.com for Artesia and andrew.horrell@lafargeholcim.com for Ste. Genevieve.

4 – Canada: Hands-On Support for Jimmy Carter’s Habitat for Humanity Project

Convinced that everyone in Canada has the right to a safe, affordable, and decent place to live, Lafarge Canada supports Habitat for Humanity’s Jimmy and Rosalynn Carter Work Project in Edmonton, Alberta and Winnipeg, Manitoba through financial resources, donations of concrete, and hands-on volunteering.

In a Nutshell

Context

Entering the housing market at any stage can be challenging, and for many Canadian families, these challenges are compounded by competing financial factors such as providing the basics for one’s family and high rent rates. The stability of an affordable home can help them break the cycle of poverty and plan for a better future.



Main Actions

In celebration of Canada’s 150th anniversary, Lafarge Canada was a Gold sponsor of Habitat for Humanity, Canada’s biggest housing project. To support the Carter Place development in Edmonton and Winnipeg, 150 Lafarge and customer company volunteers rolled up their sleeves and actively took

part in the construction of the houses. Lafarge also donated ready-mix concrete and concrete paving to add to the sustainability of the housing complex in Edmonton. In addition to supporting Habitat’s Carter Work Project in 2017, Lafarge has supported Habitat for Humanity throughout Canada with donated materials and volunteer time for some 20 years. Of note are the first NetZero energy precast concrete homes in North America which Lafarge built to benefit Habitat for Humanity Edmonton.

Community Impact

In Edmonton, affordable homes for 75 families will be completed in the coming months, and 25 houses are being built in Winnipeg, Manitoba. As Habitat for Humanity homeowners pay affordable mortgages, the model helps to create affordable living conditions that ultimately lead to improved health, stronger childhood development, as well as a decrease in reliance on food banks.

External Partners

Lafarge not only partnered with Habitat for Humanity, but also mobilized approximately 30 customer companies to volunteer in the construction works in Edmonton and Winnipeg. Altogether, they contributed more than 1,000 hours of work to the project.



In July 2017, Lafarge employees volunteered for Jimmy Carter's Habitat for Humanity Project.

Habitat for Humanity: creating affordable housing opportunities

Habitat Canada is a nonprofit organization that creates affordable housing opportunities in partnership with people and families in need of a decent home. To empower future homeowners, Habitat residents build their own houses with the help of volunteers. Since 1984, former President and Mrs. Carter have traveled around the world with Habitat, raising awareness of the critical need for affordable home ownership. Over the last three decades, they have worked alongside nearly 100,000 volunteers in 14 countries to build and renovate over 4,000 homes. As affordable housing is a key element of LafargeHolcim's 2030 Sustainability Plan and values as a company, Lafarge was proud to partner with Habitat on this project.

Habitat for Humanity makes housing accessible to low-income families by:

- Building affordable homes using volunteer labor and donated materials
- Selling the homes to families with a required commitment of 500 volunteer hours
- Offering an affordable and sustainable no-interest, no down-payment mortgage
- Directing mortgage payments into a revolving fund used to build more homes

"We support Habitat for Humanity's important work, because Lafarge believes that everyone in Canada has the right to a safe, affordable, and decent place to live. Our donations will add to the sustainability of the Carter Place in Edmonton. Concrete will provide a safe and long-standing foundation for the homes, as well as a highly durable pavement minimizing maintenance requirements." Bruce Willmer, VP Edmonton, Lafarge Western Canada

For more information, visit www.lafarge-na.com or contact jennifer.lewis@lafargeholcim.com.

5 – Canada: Lafarge Caledon Pit – An Open and Supportive Community Member

With its employees and their families, Lafarge has been part of the Caledon community since 2000. Proud to be an engaged neighbor, Lafarge Caledon supports many charities and events in the region. On various occasions every year, the Pit opens its doors to the public and organizes health events or educational tours for the community.

In a Nutshell

Caledon Pit Run – Community Health Event

The Caledon Pit Run / Walk is an annual event hosted by Lafarge, which takes place within the scenic Lafarge Caledon Pit in Ontario. This is a unique opportunity for visitors to experience a cross-country run through an active licensed site. In 2017, a kids' obstacle course was added, and a family 1K *Walk of Memories* to commemorate late family members of the participants. During the event, an open house was featured with a silent auction, supervised kids' activities, a sponsor expo, and the popular rock truck rides.



Lafarge's Caledon Pit opens its doors for visitors.

Lafarge and Aecon jointly funded the event to ensure that all sponsorship dollars and registration fees are funneled back to local charities. This year's event was in support of Caledon's Bethell Hospice Foundation, which provides community-based palliative care and compassionate support to families struggling with a life-challenging illness. In 2017, the event raised 36,000 CAD for the foundation, adding to the 46,500 CAD raised in previous years.

Youth Sports- Sponsorships

Each year, the Lafarge Caledon Pit supports numerous local youth sports teams in an effort to promote healthy lifestyles in the community. Over the years, it has sponsored teams such as the Caledon Hawks Hockey team, the Grey Bruce Highlanders, the Bolton Wonderers Girls 98 Soccer team, the Caledon 99 Boys Soccer team, the Bolton Braves Youth Baseball team, the Bantam Hockey Caledon team and the Stayner Figure Skating team amongst others.

Willoughby Road Clean-up - Volunteering

Because responsible environmental management is important to Lafarge, the annual Willoughby Road Cleanup has consistently been an event Lafarge supports. For the past few years, Lafarge has been participating in the community clean up days and has sent volunteers to pick up trash along two roads that border our properties in Caledon.



Ready, Steady, Go! Promoting a healthy lifestyle at the annual Caledon Pit Run.

Learning about quarrying and rehabilitation at the Caledon Pit

The Main Caledon Pit has been actively participating in educating numerous groups of visitors over the years. On-site tours cover various topics related to the pit, from quality control, to quarrying, rehabilitation, and biodiversity enhancement. Responsible environmental management is central for Lafarge, and Caledon Pit seeks to continually improve performance with Environmental Management Systems to help protection and environmental stewardship. A precautionary approach is taken throughout the life of a site by assessing potential impacts and evaluating how to avoid, mitigate or control these impacts. In educational tours at the site, Lafarge shows community members how the pit operates, highlights its challenges, and answers all questions the guests might have.

Since the early 1950s, the Main Caledon Pit is an important supplier of sand and gravel in the region. With an annual production of approx. one million tons of high quality sand and gravel, it accounts for 30% of the region's consumption of premium aggregates. The materials are used for the production of asphalt, concrete and precast products such as road, sewer and house construction.

For more information, visit www.lafargecaledon.ca or contact brent.trott@lafarge.com, Plant Manager, Lafarge Caledon.

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