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DEAR FRIENDS,

As we celebrate SOIL’s tenth year, I cannot help but think back to our beginnings and the inspiration that gave SOIL life. SOIL was founded during a fragile time in Haiti’s history, when acute human rights abuses were a daily occurrence. As many of SOIL’s founding members fought for political justice, we also became aware that the most pervasive human rights abuse in Haiti was poverty, and that many of the basic rights denied to impoverished communities were critically linked to one another. SOIL was born from two core beliefs: that poverty is the most pressing human rights issue of our time, and that ecological systems may hold the key to simultaneously addressing multiple symptoms of poverty through the transformative power of nature.

SOIL’s ecological solutions provide dignified sanitation (improving public health), rebuild soil (reducing food insecurity), and create sustainable jobs (tackling the core problem of poverty). This is critical in Haiti where the most significant risk that Haitians face on a daily basis is the risk of disease, largely due to poor sanitation infrastructure. Haiti has a reputation of being a violent country (despite having one of the lowest rates of violent crime in the Caribbean), but over the past five years, there have been exponentially more deaths from cholera and other waterborne diseases than from violence. At SOIL we believe that deaths from sanitation-related diseases constitute a human rights violation, and we will continue to devote ourselves to our mission of providing dignified sanitation until the day when parents everywhere no longer have to fear losing their children to preventable waterborne disease.

We are so grateful to all of you who have walked this path with us for the past decade. We thank you for your patience, for your compassion, and for sharing our belief that sanitation is a basic human right. We look forward to another decade of working together to harness the power of natural ecosystems in the fight against the injustice of poverty.

WITH LOVE FROM HAITI,

Sasha
To promote dignity, health, and sustainable livelihoods through the transformation of wastes into resources.

Since 2006, SOIL has worked to provide safe, clean, ecological toilets to communities in and around Port-au-Prince and Cap-Haitien. We collect and treat the waste to make rich, organic compost - transforming one of Haiti’s greatest public health challenges into a critical environmental resource. In doing so, SOIL has created sustainable livelihoods for over 70 Haitian staff and is developing economic opportunities in some of Haiti’s most vulnerable neighborhoods.
Even as a small grassroots effort, SOIL’s initiative is now one of the largest and most promising tests of the paradigm-shifting hypothesis that sanitation no longer needs to focus on waste disposal, but rather on the ecologically-beneficial and economically-profitable nutrient capture and agricultural reuse of human waste. SOIL’s model is also one of the few interventions globally that has showed success in creating a financially sustainable sanitation and waste treatment service for dense urban areas.

“ONE OF THE REASONS THAT PEOPLE IN HAITI GET REALLY EXCITED ABOUT ECOLOGICAL SANITATION AND THE FACT THAT WE CAN TRANSFORM POOP INTO SOIL IS BECAUSE IT MEANS THAT HAITI IS HARNESSING ITS OWN RESOURCES, INSTEAD OF HAVING TO IMPORT CHEMICAL FERTILIZERS. THIS IS A COUNTRY WHERE PEOPLE TAKE TREMENDOUS PRIDE IN INDEPENDENCE AND LOCAL PRODUCTION... INSTEAD OF POLLUTING, IT’S AN OPPORTUNITY TO REBUILD.”

– SOIL’S EXECUTIVE DIRECTOR, DR. SASHA KRAMER
EkoLakay is SOIL's effort to demonstrate that sanitation can be dignified, affordable, and sustainable. In SOIL’s simple social business design, customers rent a household EkoLakay toilet for a monthly fee of approximately $4 USD. SOIL’s sanitation workers visit each household weekly to collect the toilet wastes and deliver a fresh supply of carbon material (used for “flushing” composting toilets). SOIL’s popular EkoLakay model is revolutionizing the provision of household sanitation in densely populated urban communities in Haiti; what’s more, it’s seen as a potential model for addressing the sanitation crisis globally.

In 2015 - 2016, SOIL:

- Grew the EkoLakay service by 59% to serve more than 4,575 people
- Offset an estimated 63,000 gallons of water per day versus traditional toilets

“EkoLakay is a great toilet! I sit on it, read, relax, without any bad odors! It’s a good thing for the Haiti.

Just as education is important for the Haitian people, so is EkoLakay!”

- Pierre

Pierre, an EkoLakay customer, demonstrates the comfort of the toilet. Photo Credit: Claire Pask
Using traditional portable toilets retrofitted to use composting toilet technology, SOIL provides safe, dignified toilets and waste treatment services for community celebrations, construction sites, and other events. Our EkoMobil program provides an environmental alternative to chemical toilets and helps SOIL earn revenue, while also demonstrating the desirability of SOIL’s toilets to a larger market base in Haiti.

**IN 2015 – 2016, SOIL:**

- PROVIDED PORTABLE SANITATION SERVICES TO 25 EVENTS AND SITES FOR NEARLY 2,000 PEOPLE
- EARNED OVER $26,000 IN REVENUE
As SOIL has grown and expanded operations, we have maintained our public toilet facilities in Shada, the first neighborhood that SOIL began serving in Cap-Haitien, and one that has been particularly devastated by cholera and regular flooding. Although SOIL is actively working to develop social business solutions for household sanitation to meet the long-term needs of urban communities in Haiti, we believe that access to safe and dignified sanitation is a fundamental human right, and as such we are committed to maintaining our public toilets in Shada for the time being.

**WE BELIEVE THAT ACCESS TO SAFE AND DIGNIFIED SANITATION IS A FUNDAMENTAL HUMAN RIGHT**

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**IN 2015 - 2016, SOIL:**

MAINTAINED 9 PUBLIC TOILETS USED DAILY BY OVER HUNDREDS OF SHADA RESIDENTS

REMOVED AND TREATED ALMOST 120 METRIC TONS OF WASTE FROM THE COMMUNITY
Attempts to create a functional sanitation system to solve the global sanitation crisis are often incomplete, focusing only on the provision of toilets and neglecting waste treatment - negating potential benefits to the environment and public health. SOIL collects and treats the wastes from all of our toilets using a process derived from the principles of ecological sanitation, which not only destroys dangerous pathogens, but also safely transforms waste into a valuable soil resource.

**IN 2015 - 2016, SOIL:**

TREATED 340 METRIC TONS OF HUMAN WASTE, PROTECTING WATER RESOURCES AND REDUCING THE BURDEN OF WATERBORNE DISEASE

SOLD OVER 35 METRIC TONS OF SOIL’S KONPOS LAKAY FOR REUSE IN HAITI’S ENVIRONMENTAL AND AGRICULTURAL SECTORS.

Delinoit, Jhony, Andre, Tidou, Peterson, Douz, and Dorat run SOIL’s Waste Treatment site in northern Haiti. Photo Credit: Christopher Buck
IN 2015 - 2016, SOIL:

TRAINED 9 AGRICULTURE INTERNS IN THE USE OF SOIL’S COMPOST FOR INCREASING CROP YIELDS.

LAUNCHED 17 CROP EXPERIMENTS WITH 9 PARTNERS.

SOIL is transitioning towards an exciting new approach to our compost analysis work. Building off of our previous agricultural research, we will now be focusing our efforts specifically on partners in the agricultural sector who can work with SOIL to examine the benefits of our compost on high value crops. By narrowing our focus, we will maximize the impact of our research efforts, and be able to more effectively provide advice about the highest-yield uses of our organic compost.

Agronomy interns from a local university harvest hot peppers from their experiment with Konpòs Lakay, SOIL’s compost.
IN 2015 - 2016, SOIL:

SHARED ECOLOGICAL SANITATION PRINCIPLES WITH 6,400 PEOPLE WHO PARTICIPATED IN SOIL OUTREACH EVENTS IN HAITI

SHARED THE SOIL GUIDE TO ECOLOGICAL SANITATION WITH PEOPLE IN 28 COUNTRIES.

SOIL values both local design and global scope. That means we’re committed to using resources available here in Haiti to support the expansion of the Haitian economy and create local jobs. By purchasing and hiring in Haiti whenever possible, SOIL is extending our impact to address the lack of economic opportunity and the roots of Haiti’s poverty.

At the same time, we believe in sharing our knowledge widely to equip changemakers across the globe to build ecological sanitation systems. SOIL is committed to rigorously evaluating results, sharing lessons learned, and operating with transparency and integrity. This effort is made possible in part with support from our research collaborators at the Lawrence Berkeley National Laboratory Institute of Globally Transformative Technologies, Stanford University, Eawag (the Swiss Federal Institute of Aquatic Science and Technology), the University of Hawaii, and the Ashoka and Schwab Foundations. Our team is committed to creating systems change, both globally and within Haiti, and our education program does just that.
SOIL is committed to stewarding your gifts wisely to create genuine, lasting change not only in Haiti but around the globe. Developing social business solutions is an essential component to this, because unlike traditional aid interventions that are only effective as long as the funding lasts, SOIL is creating financially sustainable business models.

**TO CREATE GENUINE, LASTING CHANGE NOT ONLY IN HAITI BUT AROUND THE GLOBE.**

Despite being a small organization, SOIL is consistently recognized for having an outsized impact on sanitation access, environmental protection, agricultural productivity, and economic development.

### 2015 - 2016 RECOGNITIONS:

- SOIL’s Executive Director, Dr. Sasha Kramer, selected as an Ashoka Fellow
- Energy Globe Award – National Prize for Haiti
- Global Sourcing Council Community Engagement Award
TOTAL EXPENDITURES: $1,759,884

- Development: $50,849 (2.9%)
- Management and Administrations: $80,912 (4.6%)
- Capital Investments for Programs: $416,683 (23.7%)
- Humanitarian Sanitation: $69,420 (3.9%)
- Waste Treatment: $341,929 (19.4%)
- Agricultural Research: $182,347 (10.4%)
- Education and Outreach: $116,714 (6.6%)
- Religious, Civic, and Partner Organizations: $349,695 (19.2%)

TOTAL REVENUE: $1,818,376

- Foundation Grants: $1,140,531 (62.7%)
- Individual and Corporate Contributions: $220,947 (12.2%)
- Earned Income: $81,447 (5.3%)
- Corporate Giving: $25,725 (1.4%)
- Capital Investments for Programs: $416,683 (23.7%)
- Management and Administrations: $80,912 (4.6%)
- Development: $50,849 (2.9%)
On behalf of SOIL’s employees, customers, and community partners, we’d like to thank all of our friends and supporters who help make SOIL’s transformative work possible.

IN HONOR OF SOIL’S 10TH ANNIVERSARY THIS YEAR, AN ANONYMOUS DONOR MATCHED ALL NEW AND INCREASED MONTHLY DONATIONS TO SOIL. A HUGE THANK YOU TO OUR FRIENDS AND SUPPORTERS WHO MET THIS CHALLENGE AND PLEDGED A MONTHLY CONTRIBUTION. LEARN MORE ABOUT THE IMPACT OF MONTHLY GIVING AT WWW.OURSOIL.ORG/CULTIVATORS.
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Greg Russi
Gordon Bennett and
Becca Ryals
Jo Ellen Ryals
Barbara Ryals
Sylvia Salais
Mark Sanders
Margaret Satterthwaite
JOIN US IN GROWING A STRONGER, SAFER FUTURE IN HAITI

We are so proud of our ten-year history in Haiti, and deeply grateful for the chance to spend another decade building truly meaningful, sustainable solutions here in the country we love.

By supporting SOIL with a contribution of any size, you are helping ensure a sustainable foundation for SOIL to make continued progress over the next decade. With a little vision, grit, integrity, and love, we can change the world. We thank you for joining us on this incredible journey.

Visit www.oursoil.org/donate to learn more.

Job Etienne, Director of SOIL’s composting operations in northern Haiti. Photo Credit: Christopher Buck.