

PCX PARTNER **IMPACT REPORT** **2021**

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**THE PLASTIC DEBT
IS 8.4 BILLION TONS
WITH ANOTHER
380 MILLION TONS
ADDED EACH YEAR**



LETTER FROM OUR FOUNDER

2021 continued to be another historic year; from devastating physical, social, and economic losses due to COVID, to record breaking global warming events which wreaked havoc on an already fragile planet choking from over 8.4 billion tons of plastic pollution. Any progress on eliminating non-essential single-use plastic through Extended Producer Responsibility legislation was halted globally out of justifiable concerns over health and safety. And yet despite what seemed like an endless stream of bad news – there were many moments to hope.

PCX came into full operations just as the pandemic was gripping the world. Still many brands and local governments were enthusiastic and supported our work. Despite lockdowns which limited our ability to roll out community cleanup operations, we are proud that the team was able to divert almost 70 million pounds of post-consumer plastic waste away from leaking into the environment and back into the circular economy. This however, as we all know, is nowhere near where we need to be to create meaningful change.

Therefore in 2021, PCX worked with partners to try and understand how we could increase our impact. We found that many partners did not explore the broader solution sets available to them when taking responsibility for their footprints. This new understanding led us to establish PCX Solutions which now advises companies on how to map out their sustainability journeys over the short, medium, and long term. Offsetting, as we have always advocated, should only be one part of a much larger toolkit for any plastics that cannot yet be removed from supply chains - and if used properly should diminish over time.

In 2021, PCX also continued to participate in the broader sustainability ecosystems through legislation and infrastructure support. We renewed our commitments to invest in responsible consumption and education to promote behavior change. We opened offices in the United States and Singapore, expanded our country network, and if all goes well, we look forward to cleaning up closer to 100 million pounds of post-consumer ocean bound plastic waste in 2022.

As we look to the next chapter of PCX, and the impact we hope to create, we are encouraged by the unprecedented public and private sector collaborations we witnessed in 2021. We have seen how market-based mechanisms can be successfully leveraged to bring about bold solutions quickly. And how government policy can ensure these solutions scale to positively impact more people. These breakthroughs give us optimism about how we might move into the future more purposefully together as we look towards the day where there will be no more plastic in nature.

with HOPE,
Nanette Medved-Po



OUR PLANET NEEDS US.

IMPACT DRIVEN BY



2021 PLASTIC WASTE COLLECTION

1,000,000 kg

of plastic waste diverted from nature issued as plastic credits.

7,109.05 kg

of plastic waste was collected through your sponsored locations:

BRGY. 311
SM EAST ORTIGAS

SM MARILAO
SM MARIKINA

SM MEGAMALL
SM SOUTHMALL



LIVELIHOOD DEVELOPMENT



₱5,107,760

Total Investment into Plastic
Waste Circular Economy
(offsetting + infrastructure)

EMISSION REDUCTION



1,670 TONNES

Estimated carbon reduction
from coal replacement (*1.67)

COMMUNITY EMPOWERMENT



100% FEMALE

Micro-entrepreneur partners

COMMUNITY COLLECTION PER PLASTIC TYPE



287.0 kg

HDPE/PP/OTHER
HARD PLASTICS



84.0 kg

PET (CLEAR)



76.25 kg

PET (COLORED)



49.0 kg

PET (COLORED W/
CAPS OR LABELS)



3126.30 kg
SOFT PLASTICS (LDPE/
SACHETS/PLASTIC BAGS)



146.0 kg
STYRENE



27.0 kg
TETRA/SIMILAR
PAPER-BASED PACKAGING



3,297.5 kg
TIRES/OTHER
RUBBER

₱9,083.75

Aling Baby Bartolata's AT Income
63% average increase in AT income

₱107,760

288 units of Protex Hand Sanitizer
donated to Aling Tindera and
SM Plastic Waste Collection programs

*as of December 31, 2021

GLOBAL REACH, AT THE EPICENTER OF IT ALL.

We've seen firsthand the toll plastic waste has on developing countries who lack the infrastructure and resources to deal with it. That's where PCX comes in. Our mission is to reverse the damage done by plastic waste in vulnerable areas and build a future where plastic waste enters the circular economy and does not wind up in nature. That's why we're focusing our efforts on the ground, in countries worst hit by the plastic pollution crisis.

CURRENT OFFICES



PHILIPPINES



USA*



SINGAPORE*

CURRENT OPERATIONS



PHILIPPINES



INDIA



THAILAND



MEXICO

BY 2025, WE PLAN TO EXPAND COLLECTION EFFORTS TO:



CHINA



INDONESIA



GHANA



+ MORE

2021 HIGHLIGHTS

PCX SOLUTIONS WELCOMES VINCENT KNEEFEL



PCX has always advocated for companies to adopt comprehensive solutions sets to solving the plastic pollution crisis. Understanding that many companies don't actually know what solutions are available to them to reduce wherever they can, recycle, or source from circular economy options. PCX found an opportunity to play a broader role in bringing those solutions to our partners. Our latest thinking around solving for issues we are encountering on the ground are housed in the latest version on PPRS.

PCX OPENS REGIONAL OFFICE IN SINGAPORE



PCX announced the opening of its for-profit entity in Singapore, aligning with the company's plan to expand their global commitment to plastic neutrality. Through this strategic geographical expansion, PCX will broaden its reach of industry partners and sustainability-conscious businesses, catering to a new customer segment that wants to take part in addressing the global plastic pollution crisis.

US PCX OFFICE WELCOMES PATRICK BASKIN AS DIRECTOR OF DEVELOPMENT



As Plastic Credit Exchange (PCX) expands offices across the globe, it welcomes Patrick Baskin as its Director of Development for the US Operations effective September 2021. Patrick has over a decade of experience in consumer products, brand management, and sustainability having worked at multinational companies such as Unilever and Vita Coco. PCX's growth plan includes increasing operations in the US, where Patrick will be leading development.



501C3 ORGANIZATION GIVE2ASIA SUPPORTS PCX



Plastic Credit Exchange is now supported by a fund established by Give2Asia, a California nonprofit public benefit corporation described in Internal Revenue Code Sections 501(c)(3). Donors may make contributions through Give2Asia and be sure that their gifts will be tax deductible and well managed to support the PCX activities.

PCX JOINS PETVALUE TO INCREASE RECYCLING IN PHILIPPINES



In its efforts to increase recycling in the country, PCX has partnered up with the first bottle-to-bottle recycling initiative in the country, PETValue Philippines. Together with PETValue, PCX will collect PET plastic from community and institutional partners that will be recycled so that they don't leak into nature and feed the circular economy.

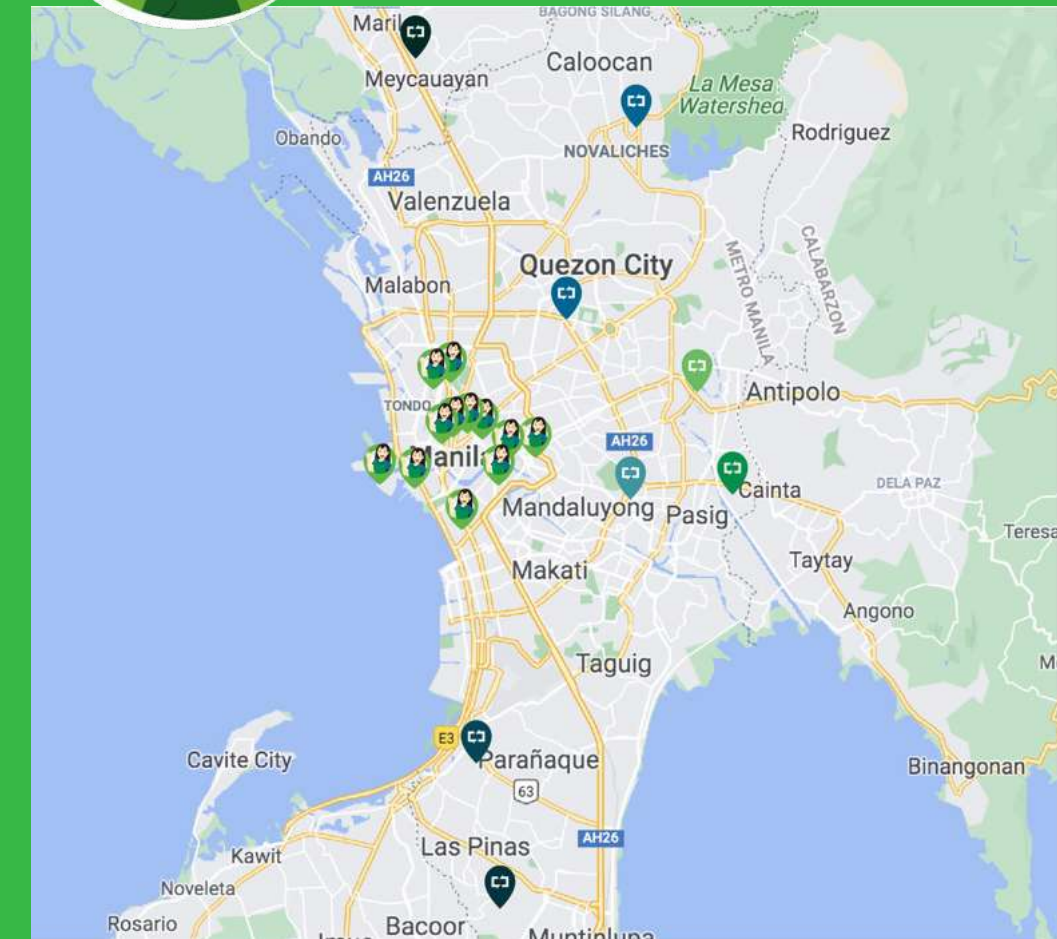
PCX ACCREDITS FIRST PLASTIC RECYCLING PLANT IN THAILAND



PCX accredits the SUEZ Circular Polymer (SCP) recycling plant as its first processor in Thailand. , SUEZ. SCP converts 30,000 tonnes of locally-sourced plastic low-density polyethylene (LDPE) and linear low-density polyethylene (LLDPE) packaging waste into high-quality post-consumer recycled (PCR) plastics replacing fossil resources to produce films and bags for the industry.



PCX's proprietary waste-to-cash network, the Aling Tindera program, engages women micro-entrepreneurs or "Aling Tinderas" to manage 10- or 20-footer container vans that serve as collection points for plastic waste with balers that secure and compress plastic. Members of the community can bring and sell their post-consumer plastic waste to their closest Aling Tindera station, creating a unique waste-to-cash system. PCX then hauls the lot to pre-vetted processors who have committed to disposal in compliance with the standards of the Department of Environment and Natural Resources (DENR). "Aling Tindera" was inspired by the presence of multiple sari-sari stores in barangays throughout the country that provide convenient access to goods. Our aspiration is to build a strong network of women entrepreneurs who will be catalysts for sustainability in their respective communities, providing and avenue where people can monetize plastic waste, encourage discipline in the treatment of post-consumer plastics reducing leakage to the environment, and educate future generations about the benefits of recycle, and other high-level waste management processes.



LUZON



VISAYAS



MINDANAO



ALING NENENG FROM BASECO

Neneng is the president of an informal livelihood organization for low income women in Manila. On top of operating a small sari-sari store, she and her fellow mothers make the extra income they need by peeling garlic. However, the garlic deliveries are oftentimes unreliable.

"THROUGH THE ALING TINDERA PROGRAM, BIRCH TREE HAS HELPED ME MANAGE MY FINANCES AND NOW I DON'T NEED TO BORROW AS MUCH."

— ALING NENENG

HAS COLLECTED
5,406.50 KG
of plastic waste from Baseco, Manila*



ALING LORME FROM STA. MESA

Like most Aling Tindera partners, Aling Lorme was surprised that PCX would compensate her for collecting end-of-life and single-use plastic waste, such as sachets, e-commerce packaging, and even rubber tires -- materials frequently turned down by most recyclers. This has meant not only more income for her, but cleaner surroundings for her community.

She has most enthusiastic supporters in her husband, Tatay Tony, who would help her sort plastic waste according to type, and her daughter, who comes home everyday with plastic discards she would collect from her officemates.

HAS COLLECTED
17,783 KG
of plastic waste from Sta.Mesa, Manila*



ALING SOCORRO FROM STA. ANA

Since joining the Aling Tindera network, Aling Socorro has been collecting recyclables to sell to nearby junk shops. To augment her earnings, PCX purchases from her all residual soft plastics that junk shops refuse. Now that she has a steadier stream of income, she has allowed herself to hope once more.

"SOON ENOUGH I WILL LIFT MYSELF OUT OF POVERTY AND BUILD A HOME WITH A BATHROOM FOR MY CHILDREN."

— ALING SOCORRO

HAS COLLECTED
9,449.30 KG
of plastic waste from Sta.Ana, Manila*



*as of December 31, 2021

PARTNERS NETWORK

We are building a movement of partners from local governments to global brands, all working towards a common goal: No plastics in nature.

MEMBERSHIP & ADVOCACY PARTNERS

We are united by a common vision of a plastic pollution free world.



SELECT INDUSTRIAL PARTNERS

Our partners hail from different backgrounds, including environmental research, management, and policy



SELECT BRAND PARTNERS

Our exchange participants have all joined us in the fight to eliminate and reduce plastic waste in the world.

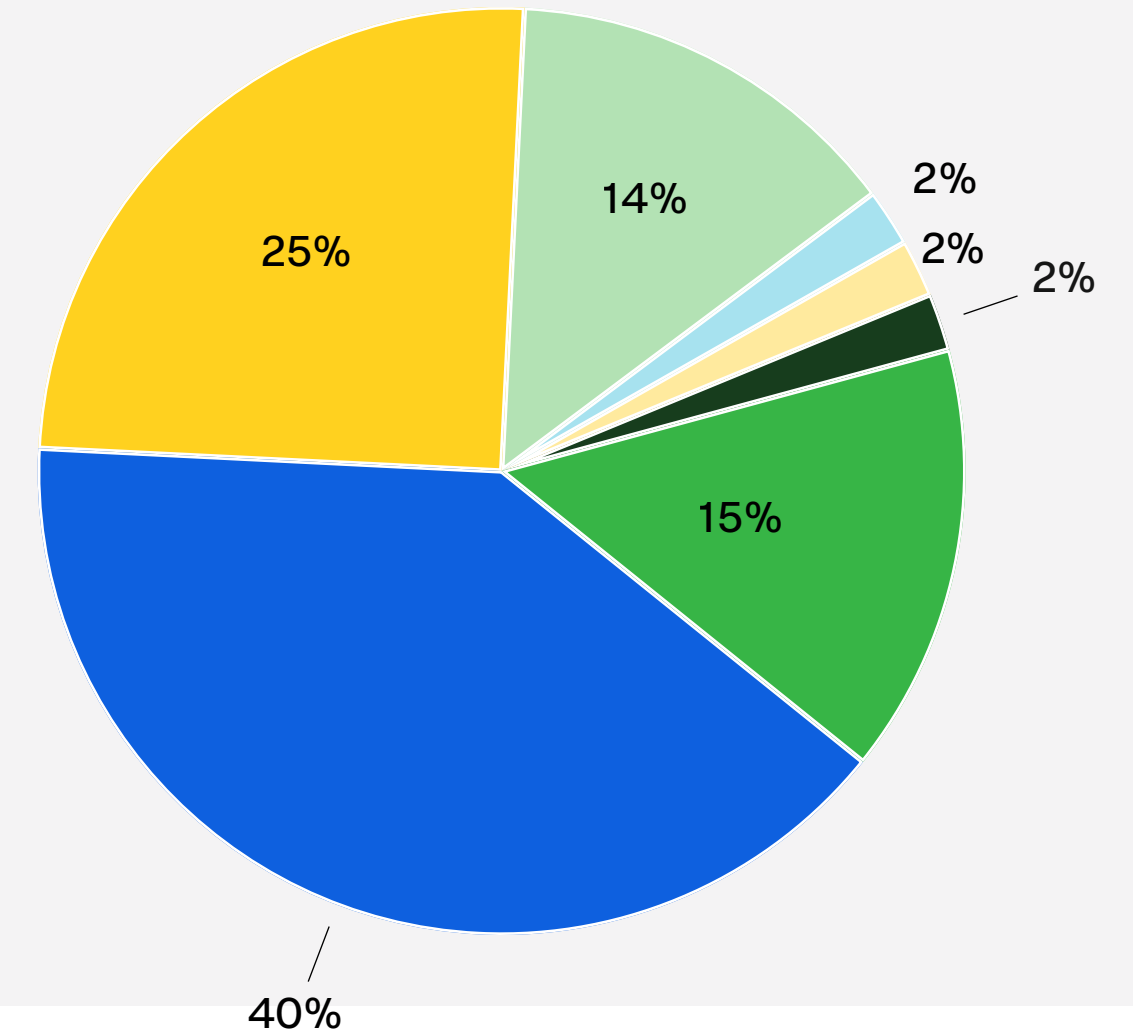




ALLOCATION OF FUNDS

Cleaning up plastic waste is an incredibly complex undertaking, and involves many different partners and processes. Here's a rundown of how we spend your credits for good.

- PROCESSING
- AGGREGATION
- HAULING
- ADMINISTRATIVE
- WASTE INFRASTRUCTURE FUND
- EDUCATION FUND
- NEGATIVE TONNAGE FUND



PLASTIC NEUTRAL CERTIFICATION

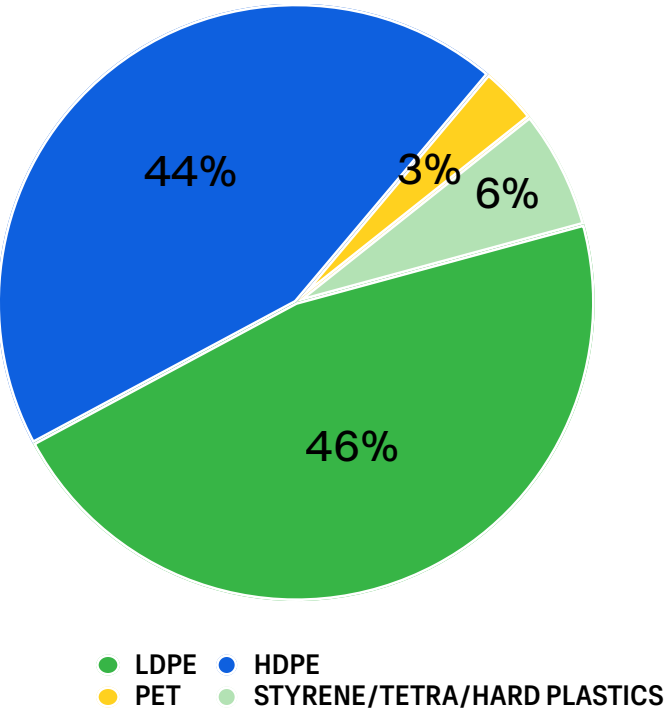
Your Plastic Reduction Certification allows you to use the corresponding badge on pack. When customers see the mark on your packaging and products, they know that you're committed to the fight against plastic waste.

PLASTIC NEUTRAL BRANDS



PLASTIC FOOTPRINT

The annualized Plastic Footprint of PEPSICO PHILIPPINES amounting to 823.0 MT for the period of January 01,2020-December 31,2020 has been verified and attested by SyCip Gorres Velayo & Co. (a member firm of the Ernst & Young network) on 14th June 2021.

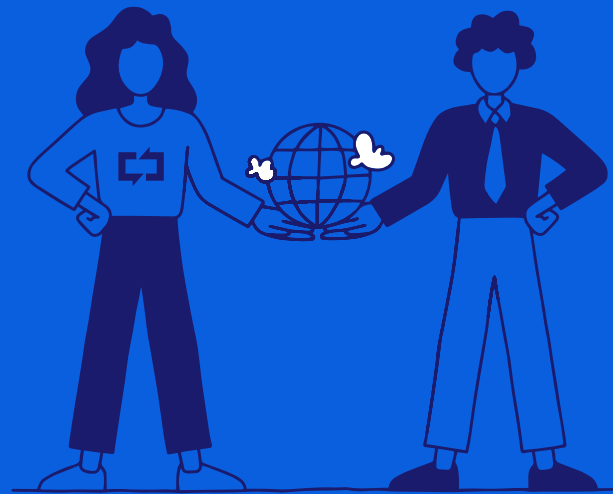


2022 LOOKING AHEAD

The PCX team is excited about the possibilities for 2022. We see both momentum and liquidity supporting sustainability initiatives around the world. The United Nations will call to solve the plastic crisis this year which will hopefully signal countries around the world to restart legislation for Extended Producer Responsibility. PCX is well positioned to leverage its relevant on the ground impact experience, it's lead in Standards creation, and it's strategic partnerships to unlock the opportunities in this emerging space. With a for-profit which can drive impact on the commercial front, and a non-profit executing impact at the epicenters of the plastic crisis, we hope to deliver the kinds of solutions desperately needed by both people and planet

Whether you choose to see this as an 8.4 billion tonne cleanup job or a \$100 billion annual opportunity - We really could be the generation that solves the plastic pollution crisis.

Let's get to work!



WHAT IF WE CAN BE THE GENERATION THAT SOLVES THE PLASTIC POLLUTION CRISIS?



JOIN THE MOVEMENT TOWARDS PLASTIC NEUTRALITY.

Let's get to work!

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