

COVER SHEET

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S.E.C. Registration Number

CROWN ASIA CHEMICALS
CORPORATION
.

(Company's Full Name)

KM 33 MC ARTHUR HIGHWAY
BO TUKTUKAN GUIGUINTO BULACAN

TITA P. VILLANUEVA

Contact Person

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Company Telephone Number

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Month Day
Fiscal YearSUSTAINABILITY REPORT
FORM TYPE

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Month Day
Annual Meeting

Secondary License Type, If Applicable

Dept. Requiring this Doc.

Amended Articles Number/Section

Total Amount of Borrowings

6 2

Total No. of Stockholders

Domestic

Foreign

To be accomplished by SEC Personnel concerned

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CROWN ASIA CHEMICALS
CORPORATIONMOVING
AHEADAnnual Sustainability
Report 2021

About the Cover

Crown Asia Chemicals Corporation (CACC) present its third Annual Sustainability Report (2021).

The cover depicts a brighter future ahead of us and the preparedness and readiness of the company to face the new normal. The CROWN Family relies upon its strength to its core values that bind it together to stay strong as it reaches the company's goal as one. The arrow's direction leads us to move ahead and that we can do better as a team.

The company's strong determination and positive economic performance signifies its support for sustainable development. CACC commits to being a progressive company in adherence to providing a sustainable future for its employees, business partners, and the community.

We envision to be part of building communities and innovative property developments, improving transportation and communication, and providing access to clean water. We aim to be a catalyst for business growth thru partnership and to provide safety and convenience for a better quality of life for Filipinos and their households.

This report is titled Moving Ahead to describe the year 2021 in footings of the CACC's fortitude and resilience in surviving pandemic and economic changes. It also shows the company's commitment to excellence and readiness to respond to any challenges brought about by the competition and technological transformation.

The online version of the 2021 CROWN's Annual Sustainability Report is available at the CROWN website www.crownpvc.com.ph



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About the Report

Just like the two previous issues of Crown Asia Chemicals Corporation's Annual Sustainability (ASR), this year's Report encompasses the microcosm of our company's overall performance for the period ending December 31, 2021, with reflections on how we faced the challenges of the second pandemic year.

As most businesses recognize the need to review and re-align plans and programs to adjust to the peculiarities and vicissitudes of the changing times, CACC focused on its own strengths and optimized them to move ahead.

We sensed that the pandemic will still be around for a while and took into account many possibilities that may or can happen. We took measured directions to keep our plans going without compromising our commitment to high quality and our responsibilities to all stakeholders.

Information contained in this report have been prepared in accordance with SEC guidelines for publicly listed companies (PLC) and set the framework towards the attainment of Sustainable Development Goals of the United Nations (UN SDGs).

By adhering to the sustainability guidelines in reporting CACC's financial and non-financial performance, we embrace our role in helping build and sustain economic progress.

We share our determination to show our continued resiliency, stability and our collective resolve towards meaningful sustainability.

Tita P. Villanueva
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Message from the Chairman and CEO



To our valued shareholders and stakeholders,

Our 3rd Sustainability Report accounts for how we fared and cope with the trying times of a second pandemic year.

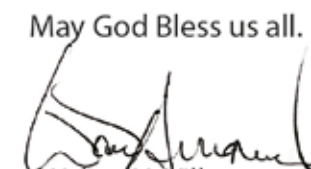
Uncertainties notwithstanding, Crown Asia Chemicals Corporation (CACC) succeeded in adopting resiliency measures with stronger focus on key aspects of operations to keep the company in good shape and imbue confidence among internal and external stakeholders.

Moving ahead was an appropriate undertaking on our part so we can pursue our previous plans, new program platforms and other priority initiatives, along with certain adjustments and some degrees of flexibility that situations demanded.

Crown just had to keep going and growing, mindful that business fundamentals must be in place even in our aggressive pursuit of opportunities. We also had to look outside of our own selves and exercise community and social responsiveness.

Life is the single most important commodity and never has its value or worth impacted us more than during these last 2 years.

At Crown, we take our significant core values in place that we may maintain our business productivity and sustainability in the best way possible, keep going positively and lead more meaningful lives.

May God Bless us all.

Walter H. Villanueva
Chairman and CEO

Vision, Mission and Values

Crown Asia Chemicals Corporation (CACC) is a publicly listed manufacturing company engaged in the production of premium quality polyvinyl chloride (PVC) compounds, high quality pipes and fittings made of PVC, polypropylene (PP-R), high-density polyethylene (HDPE) and related products such as PVC thermal roofing, for the construction and telecommunication industries.

The company was registered with the Securities and Exchange Commission (SEC) on February 10, 1989, and had its initial public offering (IPO) on April 27, 2015 with the Philippine Stocks Exchange (PSE).

Imbued with a constancy of purpose and a strong commitment to quality and corporate governance, it has steadily grown into a major player in the construction industry.

The company's vision, mission and core values embody the commitment and aspirations of both management and its employees.

Our Core Values

These are the principles that guide our internal conduct, as well as our relationship with the external world:

- C**ommitted to integrity in generating profitable returns
- R**eputation for quality, reliability and value for money
- O**utstanding products that meet or exceed national and international standards
- W**orld-class products that are innovative and of the latest technology
- N**urturing our employees to develop their full potential and work productively towards a common goal



Corporate Organization



Executive Officers

Walter H. Villanueva

President
General Manager-PVC Roof Division
Chief Risk Management Officer

Tita P. Villanueva

Senior Vice President
Chief Financial Officer

Nicasio T. Perez

Vice President
Treasurer

Derrick P. Villanueva

General Manager
PVC Pipes Division

Hans Joseph T. Perez

General Manager- PP-R /
HDPE Pipes Division

Allan V. Villanueva

General Manager
Compounds Division

Marie Grace N. Dalupan

AVP-Finance
Compliance Officer

Board of Directors

Walter H. Villanueva
Chairman of the Board

Bede Lovell S. Gomez
Lead Independent Director

Tita P. Villanueva
Director

Marie Therese G. Santos
Independent Director

Nicasio T. Perez
Director

Ernesto R. Alberto
Independent Director

Derrick P. Villanueva
Director

Eugene H. Lee Villanueva
Non Executive Director

Hans Joseph T. Perez
Director

Atty. Jason C. Nalupta
Corporate Secretary

Atty. Ann Margaret K. Lorenzo
Asst. Corporate Secretary

Committees

Corporate Governance Committee

Bede Lovell S. Gomez
Chair

Marie Therese G. Santos
Member

Ernesto R. Alberto
Member

Walter H. Villanueva
Member

Tita P. Villanueva
Member

Derrick P. Villanueva
Member

Audit Committee

Marie Therese G. Santos
Chair

Ernesto R. Alberto
Member

Bede Lovell S. Gomez
Member

Eugene H. Lee Villanueva
Member

Nicasio T. Perez
Member

Risk Management Committee

Ernesto R. Alberto
Chair

Bede Lovell S. Gomez
Member

Marie Therese G. Santos
Member

Eugene H. Lee Villanueva
Member

Nicasio T. Perez
Member

Product Value Chain in Action



CACC: Moving ahead at 32



Crown Asia Chemicals Corporation (CACC) is on its 32nd year since it was first registered with the Securities and Exchange Commission in February 1989.

While the company has all the reasons to take pride in many of its accomplishments that span 3 decades, CACC is not one to rest on its laurels. It is driven by the constancy of purpose and the perseverance to continue what it has set forth, take on new initiatives and sustain the determination to pursue its vision.

2021 might as well be the year when indications lead to support the company's vision of being a major manufacturer in the industry and a preferred supplier for infrastructures and development projects.

It has expanded its territorial coverage of the regions in the Philippines as part of its mission, ensuring quality standards for products and services, and other aspects of professional operations to nurture a better work

environment and business profitability that augurs well for stakeholders.

Crown introduced a new brand "CAC" for new products of clean and comfort essentials that include water closets, lavatory and stainless shower sets, faucets, bidet, towel rack and paper holder accessories. The new product venture complements Crown pipes and fittings, as well as our hygienic, durable, cost-efficient, environment-safe and easy-to-install Crown septic tank solutions.

To date, Crown is present in key cities and developing sub-urban locations nationwide. Our Modern Trade partnerships with ALL Home and Robinsons Builders helped push our brand and product availability in many localities. Builders Warehouse with 64 outlets, DIY Hardware with 53 stores in NCR and other locations in Luzon have been tapped as new retail partners by 2nd half of 2021.

The company strategically maintains sales and warehouse depots in Cebu and Davao, two major southern capitals that serve as jumpstart locations to service and reach other cities in the Vis-Min region. They significantly impact our regional operations.



Additional trade sales representatives are being hired to aggressively service more dealer hardware stores and provincial distribution outlets. Trade sales operations are closing deals with more hardware partnerships among dominant players in the National Capital Region.

To vigorously increase brand presence and visibility in the field, Crown supported authorized distributors with new store signages. Crown PVC Thermal Roofing display racks were supplied to over a hundred outlets committed to promote Crown's roofing materials in their localities. Crown sample boards are handed to project management sites as required by architects and contractors. They also serve as presentation materials to hardware owners.

Company PVC compounds continue to tap new markets for Petrovin (for domestic market) and Technovinyl (for export) and cater to diverse product applications to increase our market position and further enhance our



brand image in the compound industry. They serve our indirect exports as specified by clients and service domestic customers for their packaging IC tubes, film sheets, bottles, safety boots, door and window profiles businesses.

Special grades can be formulated on agreed terms and conditions. New product applications continue to be part of research and development efforts.

Marketing pursues digital initiatives to generate heightened awareness for the Crown brand and push our increasing range of premium products. We monitor interactive engagements and use online data and feedback information to formulate plans and address concerns.

Our social media efforts include brand promotions for external and internal targets. Crown Family was created as a communication tool for employees. Not only are they made aware of developments and promotions, but these efforts are also meant to motivate and encourage employee support and participation in company programs.

Demographic groups and professional associations are tapped to promote our brand, extend support in virtual participation among sponsorship projects within the industry like general assemblies, anniversary events, community outreach and special activities by architects and engineers.

Despite the challenges of the pandemic, Crown as a brand and Crown Asia Chemicals Corporation as the only publicly listed company in the Pipe industry remains energized to rise up and face the needs and demands of the times.

Moving on and moving ahead without let up will see the company through these trying times.

 **CROWN: Our Name, Your Trust**



CROWN®

PUTTING SAFETY AND QUALITY FIRST

When Crown Asia Chemicals began its initial operations, it envisioned a day when the company will not only be among the bigger players in the industry but a preferred supplier of the country's infrastructures and major development projects as well.

As early as a few years back, Crown products had been supplied to infrastructure projects. Years 2020 and 2021 saw Crown as a major supplier of infrastructure projects and a preferred brand in the building and construction business. The tagline "Putting safety and quality first" has been associated with the Crown brand as far back as year 2000.

Crown has gone a long way to be known for its safety and committed to high quality, mindful of the odds the brand was up against the fierce and increasing competition, a fluctuating economy, typhoons, and fortuitous events that can hamper deliveries. Crown endured such challenges with patience, perseverance, and hardwork.

Great determination to succeed came with its vision. Introducing more product lines that conform to industry standards, Crown set a formula to hold its ground in the business by offering premium compounds and only quality pipes and precision-fit fittings. Crown built a reliable name not only with a wide array of these high-quality products but with different sizes.


**CROWN®
PIPES**
WORLD CLASS PIPES AND FITTINGS


**CROWN®
HDPE**
HIGH DENSITY POLYETHYLENE PIPES


**CROWN®
PP-R**
HOT & COLD PIPES & FITTINGS


**CROWN®
PVC THERMAL
ROOFING**
YOUR ALL-WEATHER COOL ROOFING SOLUTION

From premium compounds to world-class pipes and fittings, Crown is committed never to compromise quality and keeping up with industry needs, innovative products were introduced. Best selling Crownflex flexible electrical pipes and Crown Sanitary have UV Protection features that were first in the industry. The company (CACC) also became the first local manufacturer of premium hot and cold PP-R pipes and fittings.

Throughout those years, Crown made sure that the quality of the products it offered was matched with the quality of service to customers. Establishing strong partnerships with industry professionals and retail distributors established trust and rapport within the industry.

In 2015, CACC was publicly listed in the Philippine Stocks Exchange as "Crown", the first in the PVC Pipe industry and remains to be the only one. The company has been recognized among the 2018 Financial Times Top 1000 High Growth listed companies in Asia Pacific. In 2020, Forbes Asia included Crown Asia Chemicals in the 200 Best Under A Billion. It was consistently included in SEC's Sharia-compliant list of public corporations.

Distinctive recognitions are an affirmation of the company's conscious efforts to become a responsibly compliant public corporation, so vital to economic progress.

Crown PVC Thermal Roofing in 2017, Crown Septic Tech in 2019 and the latest addition of CAC toilet and bath essentials are part of the integration program in Crown's product portfolio, offering convenient solutions to deliver better customer satisfaction.

"Our name, your trust" captures the essence of what Crown has earned through the years, sustaining the public's confidence in its name.

The CROWN ISO Story



In a global market, international standards level the playing field where checks and balances are in place to maintain consistent quality. ISO is an organization that assesses and certifies a company's management system, manufacturing process or documentation procedures.

The ISO journey for Crown Asia Chemicals Corporation began in 1998, an eventful year: the company received its very first ISO 9002:1994 Certification from QMS International for the Compounds Division's commitment to maintain the highest product quality; It was also the year when the new division for PVC Pipes started the production of flexible electrical pipes "Crownflex", under the umbrella brand of Crown Pipes.

The quality management system of the Pipes Division was awarded its ISO 9001:2000 by the Certification International awarded on June 26, 2009. It covered the scope of manufacturing and distribution of uPVC electrical, sanitary, multi-purpose, blue potable water and pressure main pipes and fittings.

On April 7, 2010, Compounds Division got its ISO 9001:2008 Certification for quality management systems in the manufacture and distribution of thermoplastic compounds. Pipes Division was likewise upgraded to ISO 9001:2008 on July 16, 2010, for its manufacturing and distribution of PVC pipes.

Both divisions were awarded the ISO 9001:2015 by Certification International on March 19, 2018 (Compounds) and on July 9, 2018 (Pipes) respectively. ISO 9001:2015 is the world's most recognized Quality Management System (QMS) standard, helping organizations meet the needs of customers and stakeholders more effectively.

By June 29, 2021, Crown Asia Chemicals Corporation (CACC) successfully passed the ISO 9001:2015 continuing assessment for its management system operations in the manufacture and distribution of thermoplastic pipes- uPVC, HDPE, and PP-R Pipes and distribution of fittings. Renewal of ISO 9001:2015 certification for Compounds Division is expected to be awarded after the continuous assessment during the first quarter of 2022.

The ISO certifications for CACC over the years, is a significant transformation journey for the company, as it seeks consistent upgrading of its management operations and distribution systems, in line with its firm commitment to high quality.

CROWN, One of The Philippines Growth Champions for 2021

Crown Asia Chemical Corporation (CROWN), a listed company, landed in the Inaugural Philippines Growth Champions 2021 of the Philippine Daily Inquirer. The said list is comprised of 25 companies from different industries who achieved the highest revenue growth from 2016 to 2019.

One of the criteria for selections for The Philippines Growth Champions is that the company attained growth and exercised independent decisions and must headquarter in the Philippines. The process of selection went through extensive research and collaboration between the Philippine Daily Inquirer and Hamburg-based Statista, which is one of the World's leading strategic data research and analytics groups.

For 6 consecutive years, Crown Asia Chemicals Corporation (CACC) has been listed by Philippine Stocks Exchange as one of the 57 Shariah-compliant public firms in 2021. Companies are being evaluated quarterly with the following measures - developing the overall capital market and its market segments, facilitating innovation and digital services through the capital market, creating avenues for a sustainable financing ecosystem, and championing good corporate governance practices.

True to its core values of EXCELLENCE, it was proven by the awards CACC received in 2018. Crown was awarded by Financial Times (London) as among Top 1000 High Growth Listed Companies in the Asia Pacific Region.

And in 2020, Crown was recognized as one of the three (3) Philippine Companies in the Forbes Asia Top 200 Best Companies under a Billion in the Asia Pacific Region. The criteria for this award include good governance and management ethics to the Company's Vision.

The company continuously moves ahead of the competition and remains strong through perseverance, hardwork and commitment to achieve its target goal.



CROWN Pipes, Pipes of the Future



The CROWN Pipes history started in 1998. CACC's first pipe product produced was the Crownflex Flexible Electrical Conduit and followed by Crown Electrical Conduit Pipes in 2000. These electrical conduits were introduced to the market aiming to protect the households from fire due to electrical short circuits.

Then the company aimed to support water piping systems in the households leading to the creation of CROWN Safe Blue Potable Pipes in 2000 and the CROWN Sanitary for drainage, vents, and waste in 2002. To serve more water developments and irrigations, CROWN HDPE was born in 2006. This piping system leads more Filipinos to have access to clean water.

The improvement of telecommunications in the country, in 2006, led to the manufacturing of the CROWN Telecom Pipes that protect telecommunication cable for uninterrupted connectivity.

The company grows as the Philippine economy booms with the Build Build Build project of the government and development with Tourism industry where more and more hotels and high-rise residential condominiums are being developed, CROWN PPR was produced in 2015.

CROWN Pipes offers a complete selection of world-class PVC Pipes and fittings.



CROWN Pipes is a quality product by one of the leading manufacturer in the Philippines - Crown Asia Chemicals Corporation.



This meets the demands for the hot and cold piping systems for a more comfortable and convenient lifestyle. For 24 years and still counting, CROWN Pipes offer a uPVC piping system that can last more than 50 years. CROWN Pipes and fittings are resistant to sunlight, oxidation, and a variety of chemicals, and their ability to withstand sunlight makes them more useful than other types of pipes.

These are proofs that we provide quality products to achieve a sustainable society adding value for our customers' hard-end money. We want a continuous business with solutions for sustainability and bring business growth thru collaboration and partnership contributing improvements to our communities. We provide CROWN Pipes and fittings to different industries from urban development, power and energy, information and communication technology, health, transport and mobility and to improvement of water resources and irrigation.

Crown PVC Compound Products



After the company was registered with the Securities and Exchange Commission in 1989, Crown Compounds was the pioneering output from the company's commercial operations with 22 employees in Guiguinto Bulacan. The initial annual production capacity of 1,800 metric tons was increased to 3,300 metric tons by 2016.

Early on, Crown Compounds was considered as premium PVC compounds which was accredited and recognized under the U.S. Underwriters Laboratories (UL) Label. In 1994, indirect exports were done by supplying to 100% export-oriented wire and cable companies in the Philippines which exported wires and cables to the United States.

For its commitment to maintain the highest level of quality, the company's Compounds Division was granted the ISO 9002:1994 by QMS International in 1998. This was upgraded to ISO 9001:2008 for the quality management system and the manufacture as well as distribution operations of compounds in 2010. Today, it maintains its ISO 9001:2015 which was secured in 2018, and undergoes regular evaluation twice a year.

Crown compounds for wires and cable are used by the industry's top named Wire and Cable Manufacturers whose brands are specified in major infrastructures and private developments.

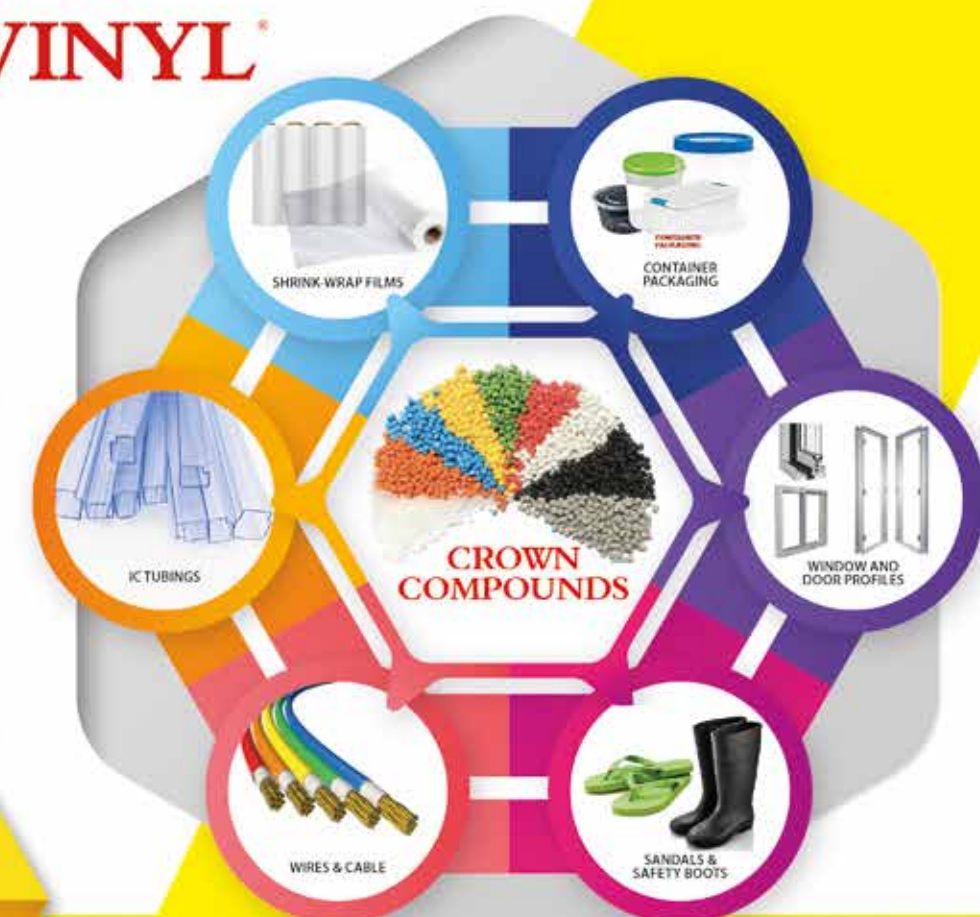
The company generates foreign exchange earnings from indirect exports of PEZA-based clients which contribute to funding our importation of raw materials and types of machinery. We are also targeting companies for direct exports to Asian countries and the United States and eyeing future markets in East and Central Asia, European and South American countries.

Through the years, clients' usage application for Crown Compounds was expanded to various types of packaging and containers for different product items, integrated circuit (IC) tubes, film sheets, bottles, safety boots, sandals as well as door and window profiles and a range of usage in the construction and building industry.

The company is investing in the acquisition of new types of machinery and equipment to ensure production efficiency and quality control. The Quality Assurance laboratory for testing production outputs operate on a 24-hour basis. All raw materials delivered from accredited suppliers are tested prior to acceptance.

Crown Compounds are registered and branded as Crown Petrovin for domestic market and Crown Technovinyl for exports.

Moving forward, while surviving the Covid 19 pandemic, Crown Compounds is out to explore more product applications, sustain business servicing of past, present and new clients and tap more opportunities for direct and indirect exports.



Crown PVC Thermal Roofing in More Stores



CROWN CORRWAVE[®] CROWN STRONGRIB[®]
CROWN SMARTROOF[®] CROWN HEATPROTECT[®] CROWN TILETECH[®]

The move to start producing Crown PVC Thermal Roofing was intended to provide a good alternative in the roofing market in the Philippines. Considering that ours is a tropical climate and is the 3rd longest coastline country in the world, PVC roofing may be regarded as an ideal and better alternative that benefits housing and other structural roofing requirements.

Crown PVC Thermal Roofing is an all-weather cool roofing solution with more outstanding features like being heat deflective, UV Protected, brighter and cooler interiors, economical, power-saving consumption, non-corrosive, minimized rainfall noise, extra-width advantage, several color options and availability in commercial and transportable long-span lengths.

Crown PVC Thermal Roofing has since been supplied to various types of roofing project requirements like housing, warehouses, livestock structures, renovations and replacement repairs. Its durability has been proven when installed projects remained intact and unaffected by devastating typhoons that hit the areas where these projects are located.

In 2021, more dealer distributors have started to display Crown PVC Thermal Roofing in their outlets, numbering over a hundred fifty stores, mostly in Luzon and suburban Metro Manila. Engaging the support and cooperation of our trade partners have paved the way for more strategic visibility and brand mileage. Robinsons Builders carry Crown PVC Thermal Roofing among their outlets, mostly in Visayas region.

By building a stronger presence for Crown PVC Thermal Roofing and educating the market on its useful advantages here in the Philippines, Crown hopes to deliver greater comfort and satisfaction to more property owners.

Introducing *CAC* Essentials



Businesses take on expansion programs over time to keep their momentum for growth. In a span of 3 decades, Crown Asia Chemicals Corporation has continuously introduced new products and innovations and at 32, introduced yet another line of products as part of its integrated product diversification where products can complement each other in terms of usage and function.

During the second half of 2021 and despite the pandemic, the company introduced a fully registered brand known as *CAC* for clean and comfort essentials consisting of water closets, lavatories (wash basins), bathroom faucets and other accessories such as shower sets, bidet, towel racks and paper holders.

The *CAC* water closets come in two (2) models of Grade A product quality, contemporary, space-saving design,

are stain-resistant and have easy to clean features. The dual flush system (3 and 6 liters flush) fixture conforms to PNS 156:2000 Sanitary Ware Specifications test procedure as low consumption water closets with average water consumption of 6 liters or less. The Spring Model (WC20-01M) has a soft-close toilet bowl cover.

The *CAC* wash basins (lavatories) are of Grade A product quality, have a contemporary, elegant design, are stain-resistant, and with easy to clean advantages.

These products are exclusively marketed and distributed by the company under its own label of *CAC*. The two main products (Water Closet and Wash Basin) are ICC Certified after complying with the strict requirements and laboratory testing process. ICC Certification signifies an assurance of quality and safety.

CAC stands for "Clean and Comfort". By providing premium yet affordable products for the Filipino, Crown Asia Chemicals adds another brand of bathroom essentials that are just right for homes, residential and office condominiums as well as socialized housing development projects.

CROWN Supports Business Growth thru Partnership

Growing together is CROWN's commitment to the community as we are ready to support business growth by becoming a trusted business partner.

As of today, we have more than a thousand partners across the country as proof of our strong partnership proven by the list below built thru the years.



Crown Modern Trade Levels Up



Crown pursues plans and programs that would accelerate its brand presence in the market, not only in Metro Manila but in key provincial cities and other developing sub-urban communities.

CROWN Modern Trade's partner, AllHome has opened new strategic stores in Sta. Maria, Bulacan, Cauayan in Isabela, San Jose and Gapan in Nueva Ecija, Bacolod City and Sto. Tomas in Batangas. By end of 2021, Crown is present in 39 AllHome stores in Luzon, Visayas and Mindanao.

More in-store signages, banners and directional materials have been set up in coordination and agreement with AllHome merchandising. Crown mounted a Merchandising Display Competition in July. Branch teams executed their creative solutions for their respective outlets with their best to improve and enhance their product displays. The competition was intended to motivate sharp display presentations of Crown products with corresponding criteria as basis for winning.

AllHome is continually included in social media efforts of the brand. What was initiated in Facebook during the previous year was pursued with greater efforts meant to inform the public of the brand's presence and availability. These are valuable information for

households and even individual contractors as to where they can avail of Crown pipes and fittings.

Crown PVC Thermal Roofing has found beneficial push and exposure among Robinsons Builders which more than doubled the number of outlets to 16 that carry and display Crown PVC Thermal Roofing in Manila and more in Visayas. Robinsons Builders also market the Crown Septic-Tech septic tank solutions.

In November, Builders Warehouse welcomed the brand's products. The new depot outlets are in Guiguinto and Malolos in Bulacan and are set to open in San Jose del Monte, Bulacan. The stores have generously provided ample display space for Crown products and are expected to push sales, brand awareness and exposure to more consumers.

Crown products are also available in "Buildex+", a lumber and hardware supply depot in Roxas, Isabela by end of November. This partnership provides another strategic exposure for Crown in North Luzon.

Crown Modern Trade is pursuing its entry into other established building depots with retail networks not only in the National Capital Region (NCR) but in other parts of the country. In the short term, the brand is aggressively looking at opportunities to bring Crown products where the market is while establishing strong brand awareness through more retail chains.

Modern trade looks forward to put the Crown name in many more strategic locations and make the brand a household name.

Sustaining CACC's Corporate Governance



It is imperative for a publicly-listed company like Crown Asia Chemicals Corporation (CACC) to observe business practices that help keep corporate matters in check and in good balance to support company's efforts to develop control mechanisms, increase shareholder value and improve satisfaction among stakeholders.

Management relies on corporate governance to help manage the company responsibly in accordance with sound ethics, accountability, transparency and fairness. These are safeguarded in relation to Crown's economic performance, social responsibility and environmental upkeep and improvement.

The Board of Directors meets for a minimum of six times and hold additional meetings when necessary. The main committees on risk management, audit and corporate

governance meet to discuss and address matters of concern for sound oversight. Company officers meet every month or as often as needed to review policies and assess divisional operations. This is being done to come up with solutions to day-to-day problems and constantly improve the management of operations.

Yearly, a training seminar on good corporate governance is held for key participants within the organization. Due to the pandemic, these were conducted virtually for two straight years.

For 2021, corporate governance seminar was conducted on November 23 via zoom. Good corporate governance was supported with substantial discussions on embedding sustainability as a core capability, related party transactions and foundation of transfer pricing, crisis management and risk management.

Crisis management and risk management are very significant topics as the world today is confronted foremost by the ongoing pandemic crisis, calamities, domestic and political conflicts, environmental issues-all of which have short-term and long-term effects on business, economy, and humanity.

CROWN's Commitment to our Community



As part of its corporate social responsibility, CACC supported the municipal project for Micro Small Medium Enterprises (MSME) organized by the Sugod Guiginto Business Council in Bulacan where the main plant of Crown Asia is located. The project offers loan and technical assistance to qualified MSME beneficiaries.

Corporate social responsibility for Crown Asia Chemicals knows no community borders. In the aftermath of one of the strongest and most disastrous typhoons that struck many parts of southern Philippines with 9 landfalls in 2021, death toll rises days after in Bohol and Cebu, others in Palawan, Iloilo, Guimaras, Negros Island, Misamis, Agusan del Sur, and Butuan City. Hundreds of thousands have been affected, lost their homes, and damage to infrastructure, buildings and agriculture have reached billions of pesos on the initial estimate by the National Disaster Risk Reduction and Management Council (NDRRMC). Several areas were without power and communications.

The reality of this devastation did not escape the eyes of publicly listed Crown Asia Chemicals which responded to help the victims in Bacolod City, Negros Occidental, one of the key provinces declared in states of calamity. Damages on infrastructure, agriculture, school and hospital buildings, and destroyed houses were initially estimated at over P5.9B. The company donated Crown products consisting of Crown PVC Thermal Roofing and Crown Electrical pipes to the said city.

Crown's Visayas sales depot and warehouse is located in Cebu, one of the heavily affected business and tourist destinations that reported fatalities, the majority due to falling debris and was likewise declared in a state of calamity. Bohol, another popular tourist spot in the country, was badly stricken and had to deal with a critical shortage of potable water.

Conscious of its social responsibility as part of its social governance, Crown Asia Chemicals also extended support to affected areas of strong typhoons Rolie and Ulysses last year. Charity for the company indeed goes beyond community borders.

HR and Employee Engagement



Effective personnel management reflects well on the organization, promoting the development of its employees by providing equal opportunities in a professionally conducive work environment.

On the 2nd year of Covid 19, safety protocols at Crown Asia Chemicals Corporation (CACC) are being observed despite the easing of pandemic restrictions and complete vaccination of employees. All personnel is required without exception to check body temperatures upon entry to plant/office premises, wear face masks at all times and observe physical distancing even during meetings and activities.

Management encourages everyone to observe proper hygiene at work and be more responsible at home and outside of work. Such preventive measures are implemented to protect all personnel and co-workers in their respective workplaces to stop the spread of the corona virus any further.

Training programs and seminars are tapped to help managerial, supervisory and rank and file employees acquire additional skills and knowledge in relation to their jobs. Due to pandemic restrictions and guidelines, most of these seminars were online.

Job performance evaluation is conducted twice a year to continuously appraise employees' performance in their assigned tasks. This keeps them constantly aware of their responsibilities, strengths and weaknesses, training needs and expectations.

The process serves as a basis to help management in working out promotions for personnel movement within the organization and salary adjustments that are implemented every year.

Existing policies are reviewed and updated regularly to protect employees against discrimination, abuses and any irregularity that may mentally, emotionally or physically affect their work performance. All these in order to be relevant with the times and in keeping with industry and business developments.

Updated Edition of Code of Conduct



Crown Asia Chemicals Corporation (CACC) believes in promoting a strong spirit of teamwork, work excellence and customer satisfaction within the organization to achieve its vision and mission. It further believes that the company's core values will be fully realized if all employees in the organization observe the highest degree of discipline and work ethics.

HR Department released last September the latest edition of the company's Code of Conduct which serves as updated reference guidelines for individual employees during their stint and spells out the work ethics among them in accordance with the best defined behavioral standards.

Responsibilities are laid down and classification of offenses are equitably prescribed with corresponding sanctions and appropriate actions to be taken.

In this latest edition, committing sexual harassment as defined under Republic Act 7877 has been added as an offense for full protection to any employee. Sexual harassment is committed by an employer, employee, manager, supervisor, agent of the employer or any other person with authority, influence or moral ascendancy over another in the workplace, demands or otherwise requires any sexual favour from an employee regardless of whether the demand, request or requirement for submission is accepted. The grave act is sanctioned with a dismissal on the 1st offense.

Crown Asia Chemicals Corporation (CACC) sets a respectable level of standards for employees' conduct to help in their professional transformation. How they behave and carry themselves at work and in public shall reflect, project and help build a positive reputation and image for the company.

Corporate creed and core values have been incorporated in this latest edition. The booklet was distributed to every Crown employee for their guidance and reference.

Redefining the Role of Sales and Marketing



The sales and marketing work together as a team, aligning with the management vision and direction of thinking ahead to what the future could look like for the new normal, ready to promote the CROWN brand to the market online or offline. The team engages with hybrid marketing which means pushing ideas further and challenging the status quo of what is to be expected in the post-pandemic era.

Consumer preferences are rapidly changing and this is the reason why companies are focusing on digital growth. The CROWN marketing team's focus for the year 2021 was improving creatives and plotting a digital content strategy to educate, excite, and drive conversions to support the sales force of the company.

On the other hand, the sales team joined and sponsored online activities like Continuing Professional Development seminars, school activities, and other

meetings and training to enhance the skills of the students, architects, engineers, dealers, etc. This way CROWN will build stronger partnerships with the said sectors and at the same time promoting our brand on a competitive hybrid market.

Both the sales and marketing serve as the linking pin for our end users to our dealers. The digital effort paves way for customers to know the brand and to find the products where we are available across the countries. The digital marketing strategy supports all our dealers from the upper north to the farthest island we are available in the south.

The key action for future hybrid sales and marketing is rebuilding the customer touchpoints for flexibility in a changing environment. Both the marketing and sales team uses a voice that cuts through the noise to build trust and confidence from the audience that leads consumers from discovery to purchase of the CROWN products.

Risk Management: CACC's Corporate Line of Defense

In 2021, CACC management calculated build-up of Raw Materials foreseeing the effects of the continuing pandemic. Truth to tell, shipment delays occurred but in no way affected production as raw materials are more than sufficient, thereby continuing to serve the growing demands of Crown products.

Firm implementation of health protocols and making all employees secured the required vaccination prevented operational stoppage or delay. Key employees were appointed at different company work sites.

Crown Asia Chemicals Corporation (CACC) reinforces its corporate lines of defense consisting of management and internal controls, followed by risk management, compliance, financial control, information security and legal assistance. The 3rd line of defense includes robust internal audits as checks of internal processes.

The company has an active Risk Oversight committee headed by one of its independent directors. The President acts as the Chief Risk Officer who oversees and steers policy-making and inspection of action points. Proper understanding of risk management and its

principal role in the implementation of controls help establish and enforce standards for its effective management of risks. It also provides oversight of risks across business units and prevents escalation of risk management gaps, issues and concerns.

CACC recognizes that its business needs to take greater ownership of risks where monitoring, supervision and oversight of risk and control is important. Putting together the right resources with the right skills and experience serves to guide management in the implementation of its own line of defenses. Management also considers how its Line of defense can work together to leverage data and technology in new ways to handle risks.

The company continues to boost risks defense by upgrading digital resources, financial operation systems, management information systems, empowering managers to recognize potential risks within its unit and the active internal control team. Right behind is close collaboration team initiatives between departments to improve cross working processes to enhance documentation and accountabilities.



IT Management @ CACC

Managing our company IT Network requires securing a more responsive system of operations which is imperative at this age of digital information. It serves as our company's line of defense against cyber threats. To maintain the sustainability of data privacy, upkeep of financial data, and policy reports, strengthen internal IT internal and strategies are measures that lead to the efficient overall control of Crown Asia's office and plant operations.

As a publicly listed company, this ensures continuity of various programs in line with corporate governance and compliance with PSE requirements and guidelines.

The company had undertaken system security with carefully studied and installed backup and storage systems. Major IT infrastructure, types of equipment are secured with structural physical set-ups.

Operating systems and applications are protected with recommended Firewall. Daily monitoring of Firewall

traffic is conducted which affords prompt attention to unusual intrusion attempts and adopts best practices under ISO prescribed guidelines. IT audit is conducted annually by external auditors.

Software applications are protected with policies and reminder guidelines. Annual review of applications' access matrix is conducted to ensure proper and optimum internet and website access. This enables users to be able to work effectively without compromising IT safety.

Servers are housed in a secured location with temperature and hazards control. Visibility from IT personnel is likewise in place. Servers are likewise protected from fire hazards or water seepage.

The company completed vulnerability testing by a reputable 3rd party provider. This enabled the management to further refine and improve the IT process.

CACC IT Policies

Disaster Recovery Tests were also successfully completed with accurate information output from different sites.

IT Policy	Incident & Problem Management
IT Organization	Backup Policy
Device Naming Convention	WIFI Infrastructure
Preventive Maintenance	Zoom Cloud Meeting
Department Monthly Backup	Recovery Workplan
Malware Management	File & Folder Encryption Policy
TRF and Job Request and Acquisition	CCTV Infrascstructure
IT Device Request and Acquisition	Data Privacy Policy - Employees & Applicant
Use Account Management	Data Privacy Policy - Clients & Customers
Computer Reformatting	Data Privacy Policy - Vendors & Suppliers
Network Monitoring	Hard Disk & File Security Policy
Synology NAS Infrastructure	Data Privacy Protection Policy
Change Control Porcess	Access Requests Policy

Our Economic Performance

Direct Economic Value Generated and Distributed

On its 32nd year of operation, Crown Asia Chemicals Corporation (Crown) has again proven to be one of the leading and preferred manufacturer of thermoplastic and PVC products. The Company grew its revenues by 56%, from Php 1.12B in 2020 to Php 1.74B in 2021.

Pipes Division made significant contribution of 48% share to Crown's revenue achievement. It made a great run during the year as it posted total revenues of Php852M, an amount almost twice its performance in 2020 and 73% higher as compared to the pre-pandemic year of 2019.

Prior to 2020, the company planned to expand its operations by setting up a production plant in Davao. This was to increase market reach in the Visayas and Mindanao areas and reduce logistics costs and ensure timely delivery of products. Unfortunately, the plan was deferred due to mobilization limitations brought about by the pandemic. Machineries were diverted to the Company's auxiliary plant; a timely management decision as infrastructure demands and new project requirements supplied by Crown pipe products substantially increased.

Compounds Division, the company's arm for thermoplastic compounds, contributed to the overall Company revenue performance in 2021, driven mainly by export sales transaction amounting to Php492M.

The PP-R/HDPE Division increased its sales to Php155.94M from Php102.68M in 2020 and Php 110.34M in 2019. This was 9% contribution to Crown's total revenue growth.

The Roofing Division is on its growing stage, showed promising revenue growth of 68% compared to its 2020 performance of Php12.41M.

The company ended the year strong with consolidated net profit after tax amounting to Php224.31 Million. This is higher by 85% and 64% compared to years 2020 and 2019 respectively.

In the early part of the year, the Company experienced significant price increases on its raw materials. To lessen its financial impact, management decided to review and adjust the sales price of its products. Gross profit ratio may not be at the same level as in the previous years but peso gross profit increased because of the growth in sales.

In March 2021, the Create Bill became a law, reducing the corporate income tax from 30% to 25%, effective July 1, 2020. The reduction helped the Company generate savings in the amount of Php18 Million in 2021 income tax expense.

Direct Economic Value Generated and Distributed			
Indicator	Amount (in PHP millions)		
	FY2021	FY2020	FY2019
Direct Economic Value Generated (Revenue)	1,761.58	1,117.69	1,433.40
Direct Economic Value Distributed			
Operating Costs	168.34	159.98	185.10
Employee Benefits and Wages	110.97	85.28	106.90
Payment to suppliers and other operating costs	1,350.00	647.34	960.00
Dividends given to stockholders	13.74	24.44	56.38
Interest payments to loan providers	0.47	1.32	2.41
Taxes given to government, which includes all taxes incurred and/or paid to the government	88.02	63.81	73.01

Revenues per Division			
Division	Amount (in PHP millions)		
	FY2021	FY2020	FY2019
Compounds	PHP 732.09	PHP 570.58	PHP 826.05
Pipes	852.68	432.02	480.31
PP-R/HDPE	155.94	102.68	110.34
Roofing	20.87	12.41	16.70
Total	PHP 1,761.58	PHP 1,117.69	PHP 1,433.40

Revenues per Market			
Division	Amount (in PHP millions)		
	FY2021	FY2020	FY2019
Local	PHP 1,269.12	PHP 750.72	PHP 951.56
Export	492.45	366.97	481.84
Total	PHP 1,761.58	PHP 1,117.69	PHP 1,433.40

Customer and Suppliers as Growth Partners

Crown Asia Chemicals Corporation, living up to its vision to be the leading and preferred manufacturer and supplier of world class and innovative thermoplastic, industrial and chemical products, has grown its revenues year on year. This was possible through building strong business relationships with its customers and suppliers. They are both regarded by Crown as its growth partners.

Crown has always been tapped by its existing customers to supply PVC Pipes, PP-R and/or HDPE for its new projects. Also, Crown is able to get new customer accounts every year. With the trust given by these customers to the brand, Crown ensures delivery of high-quality products.

To name a few, below are some of the major infrastructure projects supplied by Crown:

1. North South Commuter Railway (PNR North 1)
2. Bicol International Airport Development Project
3. MRT 7
4. Wawa Bulk Water Supply Project
5. Clark International Airport - New Terminal
6. NLEX – SLEX Connector Road

Proportion of Spending on Suppliers for Raw Materials Purchased						
Suppliers	FY2021		FY2020		FY2019	
	Amount (in PHP Millions)	Proportion (%)	Amount (in PHP Millions)	Proportion (%)	Amount (in PHP Millions)	Proportion (%)
Local	PHP 945.29	75.98%	PHP 495.28	76.51%	PHP 574.41	60.62%
Export	298.90	24.02%	152.06	23.49%	373.19	39.38%
Total	PHP 1,244.19	100.00%	PHP 647.34	100.00%	PHP 947.60	100.00%

Anti-corruption

Crown Asia Chemicals Corporation, in doing business transactions, has always been guided by its core values.

- Committed to integrity in generating profitable returns,
- Reputation for quality, reliability, and value for money
- Outstanding products that meet or exceed national and international standards,
- World-class products that are innovative and of the latest technology, and
- Nurturing our employees to develop their full potential and work productively towards a common goal.

The Company also instills in each and every employee the value of integrity, not only in dealing with clients and suppliers, but also with peers and colleagues. There are policies in place to make sure that everyone in the Company exemplifies this value. Two of which are the whistleblowing and no gift policies.

As of report date, there were no incidents of corruption involving our employees, directors, or business partners.

Our Social Performance

Company Policies

Management officers hold monthly meetings or as often as necessary to take up relevant and pressing matters and for continuing revision of operational policies. Key matters decided upon are elevated to and recommended for approval by the Board.

Human Resources

Job descriptions are constantly reviewed for adjustments and needed changes while Key Performance Indices (KPIs) are enhanced to facilitate more focused job evaluations. Instituted Panel Interviews instead of level to level interviews of qualified job candidates are being done to save time and gather collective insights. Age bracket, a contributing factor in sustaining future company operations, expansion plans and continuing product diversity.

Departing employees can receive complete clearance on or before sixty (60) days and employees can secure a Certificate of Employment as soon as possible.

The labor force of Crown Asia Chemicals Corporation is composed of 71% male and 29% female. Since the company is an industrial manufacturer, male employees outnumber female employees though many female employees hold key positions at the plant and offices: Two Division Logistics Heads, Warehouse Head (Compounds), Sales Administration Head, Credit and Collection Head, Marketing Head, Compliance Head and Finance Head. Majority of employees belong to the 25-35 age bracket, a contributing factor in sustaining future company operations, expansion plans and continuing product diversity.

There are several policies that prescribe proper conduct and decorum for employees. One of these is the strict prohibition of committing sexual harassment in the workplace as defined under Republic Act 7877. Such acts by an employer or any other person of authority, influence or moral ascendancy over another that demands or requires any sexual favor from another regardless of whether the demand or request for submission is accepted by the object of the said act is covered by this policy.

Management promotes a healthy workforce by ensuring them with a reputable health care provider. Physical and laboratory tests are conducted annually. The company provides medical assistance and medicines to employees. Company clinic Nurse reviews all annual check-up results and channels employees to required medical intervention.

Other health services are expanded, including drug testing, to ensure employees' health, well-being, and safe work environment.

Employee Benefits

Vacation leaves allow employees to have quality time with family. Sick leaves entitlement provide quality time for rest and regain health fitness to be able to go back to work.

Aside from salary adjustments, employees have continuous working schedules (no rotation with cuts on financial earnings), noncash benefits that include birthday gifts, Christmas celebration, Christmas gifts and raffle prizes.



Employee Training and Development

Management views continuous learning as important to achieving better work performance among employees. Educational seminars, skills and technical training programs are held to update the knowledge and capabilities of individual employees. These are done on-site for in-house training and timely external seminars that are relevant to management operations.

IT Management

Preventive Maintenance was conducted among company-wide computers to ensure their best condition and optimum performance for both application and physical needs with yearly updating of IT Network facilities through installation of CCTV System for Compounds, PVC Pipes and PP-R/HDPE Divisions for plants and offices.



Occupational Health and Safety



Company-wide health and safety protocols are continually implemented for preventive measures and protection of employees in their respective workplaces. These safety programs include accident prevention, hazard recognition, pandemic protocol reminders and training of safety officers. A safety committee is tasked to manage all of these to ensure efficient implementation for everyone to observe.

Customer Management

Growing customer requirements are handled by Sales Administration Departments of different Product Divisions. These transactions are coordinated effectively with concerned sections in order to facilitate project needs. Customer satisfaction has been rated 99.03% in different aspects of client servicing, including managing transport and deliveries and optimizing company resources.



Sourcing

Quality suppliers are thoroughly assessed and evaluated in accordance with industry quality standards and Crown Asia Chemicals. This is to ensure that the quality of our products and services are not compromised. They have to strictly comply with company requirements and practice health and safety measures in observance of health and safety protocols.



Our Environmental Performance

In the 2021 World Economic Report, the global risk landscape identified top risks such as extreme weather, natural resource, biodiversity loss, among others. Crown Asia Chemicals Corporation adheres to environmental management as an integral part of the company’s operations.

Energy Consumption

Crown Asia Chemicals operates several production lines that entail the consumption of electricity for types of machinery. They undergo preventive maintenance in order to work properly and promote a more efficient consumption of electricity. Light-emitting diodes (LED) and inverters for air conditioners in offices and plant facilities help reduce our power consumption.

In addition, we have installed in our plants, UV-protected CROWN PVC Thermal Roofing materials that allow brighter interiors but cooler temperature, thus minimizing power consumption and generating savings on costs.

Energy Consumption within the Organization

Type	Units	Compounds	PVC Pipes, PP-R/HDPE & Other Areas
Gasoline	Liters	2,151	2,814
Diesel	Liters	24,493.87	32,945.69
Electricity	KWH	2,674,796.26	2,072,320.25

Mitigating Air Pollution

The company maintains a pool of vehicles, delivery trucks and shuttle service. CACC has its own Motorpool Department to service company vehicles for regular checks and immediate repairs as needed so as not to contribute to air pollution.

PVC resin by itself is not toxic unless it is burned. We enforce a policy that strictly prohibits burning and incinerating PVC fall downs, undergoes a recycling process for more useful usage.

Solid and Hazardous Waste

The company ensures that wastes produced from daily production and work routines are properly disposed of. In the offices, used papers are a large portion of the waste. Using them as scratch and for printing on the clean side is being practiced as part of employees’ initiatives to minimize paper consumption. Papers with confidential information are shredded and sold as scrap and recycled into other reusable paper products.

Solid Waste Generated

Type	Unit	Compounds Division	Pipes Division and Other Areas
Reusable jumbo boxes & sacks	kg	500	550
Recyclable used boxes, empty sacks drums	kg	6,100	5,500
Composted Garbage	kg	12,000	24,000
Incinerated	kg	0	0
Residuals/Landfilled	kg	16,000	28,000
Total	kg	30,100	57,500

Ecosystems and Biodiversity

The company owns and manages operational sites in Guiguinto, Bulacan and Valenzuela City, Mandaue City, Cebu, and Davao City which are not adjacent to any protected areas and of high biodiversity value outside protected areas. Operations do not affect the habitats of vulnerable and endangered species.

Fire Safety

Plant facilities and offices are duly inspected annually in compliance with the fire safety and protection requirements of the Fire Code of the Philippines 2008 and its Revised Implementing Rules and Regulations. Fire Safety Inspection Certificates are issued to the company for each location.



Fire Safety Inspection Certificates



Recirculating Water System at the Crown PVC Thermal Roofing Plant

Cooling Systems

Cooling systems are in place in our manufacturing plants using recycled water to ensure that machines do not overheat. It’s the company’s way to help lessen wastage, particularly during the time when the heat index rises.

Water resources are trending towards scarcity due to global warming. The growing population nationally and worldwide continues to put pressure on the water supply.

Water Consumption within the Organization

Type	Unit	Compounds Division	Pipes Division and Other Areas
Water Withdrawal	cubic meters	28,136.00	18,529.00
Water Consumption within the Organization	cubic meters	2,793.64	18,129.69
Water Recycled and Reused (80%)	cubic meters	850	4,500

Waste Disposal

Daily production and office routine produce wastes and we ensure their proper disposal. PVC resin by itself is not classified as toxic and CACC strictly enforces a policy that PVC fall downs should not be burned nor incinerated. Over-runs at the plant are recycled into other useful and affordable products. Sacks are used to store fittings in the warehouse and for deliveries. Emptied drums, faulty devices and paper wastes are sold to scrap buyers.

Crown Septic-Tech products are marketed as hygienic and environment-safe, practical solutions that conform to DENR Effluent Standards on conventional and other pollutants. (DENR Administrative Order No.35 of 1990) Its affordability made it possible for wider distribution for practical and economic-conscious consumers.

There is no hazardous waste generated or transported. We are ROHS Compliant (Restriction of Hazardous Substances).

Effluents

Type	Unit	Compounds Division	Pipes Division and Other Areas
Total Volume of Water Discharge (Average)	Cubic Meters	279.364/month	181.9/month
Percent of Waste Water Recycled	Percent	80%	80%*
*Average Consumption = 462.264 cu.meter/month for Compounds, PVC Pipes, PP-R/HDPE			

As a responsible company, Crown Asia Chemicals observes and implements environment management measures in compliance with existing regulating laws and requirements in relation to safety, hygiene, pollution, and proper waste disposal.

Applicable local environmental laws CACC adheres to:

Presidential Decree No. 1586 Establishing an Environmental Impact Statement System

This Presidential Decree is in pursuit of a comprehensive and integrated environmental protection program that necessitates the establishment and institutionalization of a system, whereby existing exigencies of socio-economic undertakings are reconciled with the requirements of the environment system.

Republic Act No. 6989 Toxic, Hazardous and Nuclear Waste Control Act of 1990

This is being carried out to control, supervise and regulate activities on toxic chemicals and hazardous waste.

Republic Act No. 8749 Philippine Clean Air Act

This covers a comprehensive air quality management policy and program to achieve and maintain healthy air for all Filipinos.

Republic Act No. 9275 Philippine Clean Water Act

This outlines the use of water for domestic purposes, that is, utilization of water for drinking, washing, bathing, cooking. The act provides for the abatement and control of pollution from land-based sources, lays down water quality standards and regulations.

Republic Act. No. 9003 Ecological Solid Waste Management Act

Provides the necessary policy towards institutional mechanisms and mandates the local government units (LGUs) to achieve 25% of waste reduction through establishing integrated solid waste management plans. Penalizes open burning of wastes by mass and direct exposure to fire.

Republic Act No. 9514 Comprehensive Fire Code of the Philippines

It is the policy of the State to ensure public safety, promote economic development through the prevention and suppression of all kinds, of destructive fires, and promote the professionalization of the fire service. The State shall enforce all laws, rules and regulations to ensure adherence to standard fire prevention and safety measures.

CROWN Pipes Trusted for Infrastructure Projects



Even during uncertain times of the prolonged pandemic, premium Crown Pipes and fittings continue to be supplied to various infrastructure projects being constructed to link the National Capital Region (NCR) to several neighboring cities and provincial capitals.

The North-South Commuter Railway is a joint project covering 17 kilometers of viaduct structure and elevated station buildings in Calumpit, Bulacan and Apalit, Pampanga. This is part of the 53.1-kilometer train line that will connect Malolos, Bulacan to the Clark International Airport and is expected to cut travel time from Manila to Clark to less than an hour.

The second section of the railway line mentioned above dubbed as Malolos Clark Railway Project P2 connects

Clark to Tarlac and consists of a railway line with a 16-kilometer overpass. The construction period is four years. The Malolos Clark Railway in Guiguinto is 147 kilometers of railway system (PNR Clark Phase 1) from Tutuban to Malolos that will create a quick travel time of 35 minutes for over 300,000 passengers.

The 110,000 square meter Clark International Airport New Passenger Terminal Building is the first hybrid public-private project (PPP) located within the Civil Aviation Complex of the Clark Freeport Zone.

Then there's the NLEX R10, a 2.6 kilometer dual-lane, elevated tollway with 3 exit ramps of 1.3 km in total length linked to the R10 Road and continues to the Harbour Link in Manila.

The country's first subway system involves the first and second construction section of the Metro Manila Subway that will operate prior to other sections. The other part of the project is the Davao City Bypass Construction project of the South-Central section.



North-South Commuter Railway Project

In the most industrialized and urbanized south, housing diverse international and multi-national electronic, automotive and manufacturing companies, the Cavite Laguna Expressway (Cavite section) runs 28 kilometers on a four-lane expressway that includes bridges, interchanges, toll plazas and ancillary facilities.

The C5 Southlink Expressway project (Segments 2 and 3) is a toll road project of 7.70 kilometers, a 6-lane divided expressway.

All these transportation infrastructure developments facilitate faster and more convenient travel for people that allow businesses to operate smoothly, resulting in more efficient transfer of goods and services. Since these will enhance travel activities from domestic and international visitors, the satisfaction will generate not only tourism goodwill but a multiplier effect for the economy.

Crown Pipes has been tapped for the Siquil Hydro Power Plant in Sarangani Province. The 14.5-megawatt run-of-river hydroelectric power plant is poised to begin operations this year and deliver Renewable Energy for key areas in Mindanao.

Being a reliable partner for these infrastructure projects build a stronger impact on Crown's image as a truly premium brand and for Crown Asia Chemicals Corporation's enduring reputation as a major manufacturer, trusted by industry professionals.



Clark International Airport New Passenger Terminal Building



Skyway Stage 3



C5 South Link Expressway

Partner for Progress

Premium Crown products have consistently been used for a diversity of significant projects ranging from major infrastructures that impact the economy and facilitate faster movement of people, goods and services and to energy power plants and solar-driven projects that augment the energy distribution requirements in the country.

Crown telecom pipes drives connectivity for business by facilitating conduit and providing safety and protection to communication lines of network providers to homes, offices and other institutions.

Crown pipes supplied to hospitals and medical centers contribute to the promotion of good health and well-being of the population; secure safety and quality for airports and modern gateways; provide strong and reliable pipe materials for hotels and hospitality facilities to push domestic and global tourism; ensure sound construction of academic institutions that take care of people's education and professional development.

We partner with malls and large commercial centers and business hubs to help push economic activities and supply premium condominiums and residences for comfortable living and expectations and mixed-use urban development and lifestyles.

All these development projects contribute to building a sustainable future for the country's economic growth that makes Crown Asia Chemicals Corporation through its high-quality products, a reliable partner for progress.



Skyway Stage 3



MRT-7 Project



CS South Link Expressway



North-South Railway Project



Manila-Cavite Expressway



NAIA Expressway

Infrastructure Partnership for Mobility and Progress

CROWN Pipes and fittings are supplied to several transportation infrastructure projects which impact the economy as they facilitate ease and faster movement of people, goods and services. Some of these projects are integrated into existing and future transport lines, eliminating delays in delivery transactions and encourage more business and tourism activities.



Upgrading Connectivity

Upgrading connectivity and data monitoring facilities is vital for businesses. Connectivity drives social and business connections to effective and sustainable transactions, allowing faster and accurate transfer of volumes of data information needed for successful implementation of strategic plans programs.

Renewable Power and Energy Challenges and Opportunities

Crown Pipes rises to evolve renewable power and energy challenges and opportunities working with the different solar power plants in the country. Bridging the energy distribution gap through more power plants and solar-driven infrastructures is enabling the economy to sustain manufacturing, industrial and agricultural engines of progress. Making clean energy accessible and affordable significantly supports business developments with long-term tangible benefits.



Bicol International Airport



Clark International Airport



Shang Properties Shangri-La At the Fort



Grand Hyatt



Marriott Hotel-Manila



Gohotels Hotels-Quezon City



Venice Grand Canal Mall-BGC

Providing Gateways for Domestic and International Travel

CROWN Pipes are part of the busiest transportation hubs and expressways in the Philippines providing gateways for domestic travelers and international visitors. Professional management of the country's tourism requires providing the necessary hospitality skills and knowledge of government and private sectors who work hand in hand to implement effective plans and programs. Providing the necessary infrastructures and facilities to boost tourism business requires modern hubs and convenient gateways to lure and welcome domestic and international travelers.

Impacting Global Tourism with Great Hotel

Philippine tourism is aligned with global travel initiatives as a driver for economic growth. In recent years, tourism contributed at least 12% of our GDP. Accommodation is key in the growth of the country's tourism. Crown pipes as a brand is proud to have been used in the construction of hotels to meet the steady rise in demands for rooms from both, local and foreign tourists. Thus, it has a strong impact on global tourism with great hotel and up-to-par hospitality facilities and services. The boom in the construction of new hotels allows the industry to rise up to the challenges of a robust Philippine tourism sector.



Pleasurable Experience in Shopping Malls

Crown Pipes are used in building large commercial complexes to provide pleasurable shopping experience and convenience in retail destinations in the country. These modern shopping destinations provide convenience and exciting experiences for individuals and families alike with the changing modern lifestyles. Malls have become the most favored getaways and hang out for Filipinos and foreign residents in cities nationwide.

Building Premium Condominiums and Residences

Residential and office condominium projects have been continuously built to help address living requirements as total housing needs have been building up for years. The gap, identified to be due to population growth and rural to urban migration, needs all the help and support of the government and the private sectors. By providing high-quality Crown products from pipes to roofing, septic solutions, and CAC clean and comfort essentials, Crown stands as a reliable and progressive partner for Filipino homes.



Responding to Mixed-Urban Development and Lifestyle

CROWN Pipes respond to the mixed-urban development and lifestyle by offering products that will provide convenience and comfort such as the PPR, HDPE, electrical and telecommunication conduits. Integrated expansion is considered as the future of property and home ownership, mixed-use developments are perfect for people with modern lifestyles who need not move too far from their residences and workplaces with all the leisure and amenities and conveniences of city living.

Strengthening Academic Environment

Nations that take care of the education and academic excellence perform exceedingly well in promoting business environment and professional development. Progress and advancement are attainable when academic institutions provide effective learning facilities for personal growth and development. Academic performance is a measure for success and sound achievement of a progressive and developed nation. Education and academic excellence is one of the CROWN's commitment for the community development.



Allied Care Expert Medical Center
-Quezon City



QualiMed Hospital-Bulacan



Unihealth Hospital-Parañaque



The Medical City-Iloilo



UST Hospital-Manila



Angat Water Transmission Improvement Project



Malitbog-Maridagao Irrigation Project



National Irrigation Sector Rehabilitation and Improvement Project



Chico River Pump Irrigation Project

Promoting Wellness and Enhancing Patient-Care

A nation can only function well when the population is fundamentally in tip-top physical, mental and emotional conditions. Hospitals and medical centers provide the required updated facilities, equipment and services to promote good health, wellness management and patient recovery. Good health promotes the well-being of the nation and its people. Wellness and health care buildings must also have a healthy piping system to support their daily operations and this is where CROWN Pipes came in.

Access to Clean Water (Water Resources and Irrigation)

Millions of people in the Philippines rely on unsafe and unsustainable water sources. Despite the country's growing economy, the Philippines is still facing significant challenges in terms of water resources and irrigation. With these challenges government agencies, NGOs, and other countries work together to restore water bodies, groundwater situation, development of major and medium irrigation, and watershed to provide rural and urban areas with a water supply and clean drinking water. CROWN PPR, HDPE, Infrablue, and SafeBlue Pipes and fittings are part of these water development to provide access to clean water across the country up to the farthest regions.

Sustainability for Stockholders

