



**LEADING THE CHARGE
FROM GO TO GREEN**



ARTHALAND
BUILDING SUSTAINABLE LEGACIES

About the Report

Welcome to the third Sustainability Report of Arthaland Corporation which presents our environmental, social, and governance performance and significant events in 2021.

The theme of our 2021 Sustainability Report, **LEADING THE CHARGE FROM GO TO GREEN**, demonstrates our leadership as the only developer in the Philippines with a portfolio that is 100% certified as sustainable. Our pursuit to build green developments has led us to be the first in the Philippines and the first Asian property developer signatory to the Net Zero Carbon Buildings Commitment of the World Green Building Council which commits us to decarbonize the operational energy of our entire development portfolio by 2030.

Being a leader in the field and acknowledged by numerous local and international organizations entail enormous responsibilities. To be genuinely green involves a higher financial commitment and meticulous planning at every stage of the project's lifecycle. This starts from the moment when we undertake the planning process of a project to when we operate and manage our properties.

Our occupants feel the difference of living in a GREEN development that features sustainability, wellness, high quality, and superior design.

The report covers the Company's activities and developments for the period January 1 to December 31, 2021. This publication supplements Arthaland's sustainability disclosure to the Philippine Securities and Exchange Commission (SEC) Annex A1 which we submitted to the SEC in April 2022.

A digital copy of this report may be downloaded on our website: www.arthaland.com/sustainability-report

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Arthaland Corporation is the foremost sustainable developer in the Philippines. It continues to make its mark by pioneering the development and management of exceptional best-in-class properties that adhere to international and local standards of green and wellness.

It is also the only real estate developer in the country with a portfolio that is 100% certified as sustainable and recognized by both local and global organizations for its focus on sustainability, wellness, high quality, and superior design.

Vision

To be the preferred property company for sustainable developments, ensuring that the future will be better for our customers because of how we do things today.

Mission

To continue to be a world-class and pioneering property company

To build boutique, sustainable, and exceptional developments that will provide a wealth of life at home, at work, in the community and in our country

Core Values

- We act as owners.
- We enjoy doing things differently.
- We look towards the future.
- We care for each other.
- We only go for the best.
- We always work with integrity.
- We will have fun while getting things done.
- We work together to get better.
- We always strive to delight our customers.

Awards and Recognitions

Arthaland Corporation:

- Finalist, 2020 Transformational Business Award for Transformational Solutions in Urban Infrastructure
- Special Recognition in the World Green Building Council's Asia Pacific Leadership in Green Building Awards 2020 for Business Leadership in Sustainability Award
- Winner of the Philippine Leadership in Green Building Awards 2020 for Business Leadership in Sustainability Award
- Winner of the Philippine Leadership in Green Building Awards 2020 for Leadership in Sustainable Design and Performance Award
- "PRS Aa" rating from the Philippine Ratings Services Corporation on Arthaland's ASEAN Green Bond issued in December 2020

Arya Residences: First and only residential building in the Philippines that is multi-certified, having achieved LEED Gold, BERDE 4-Star, and ANZ/PH 3-Star

Arthaland Century Pacific Tower: First and only multi-certified office building in the Philippines that has achieved the highest ratings of LEED Platinum, BERDE 5-Star, EDGE Zero Carbon, and WELL HSR.

- Second Runner-Up, Large Building Category, 2021 ASEAN Energy Efficiency and Conservation Best Practices Awards
- Winner in the DOE-EUMB Energy Efficiency Awards 2020 for Large Building Category

Cebu Exchange: WELL Health-Safety Rating from the International WELL Building Institute (IWBI)

Sevina Park: First and only mixed-use community in Southeast Asia to achieve LEED Platinum certification for both LEED™ for Neighborhood Development and LEED for Homes categories.



Leadership in Energy and Environmental Design™
U.S. Green Building Council



WELL Building Standard™
International WELL Building Institute™



Excellence in Design for Greater Efficiencies
International Finance Corporation



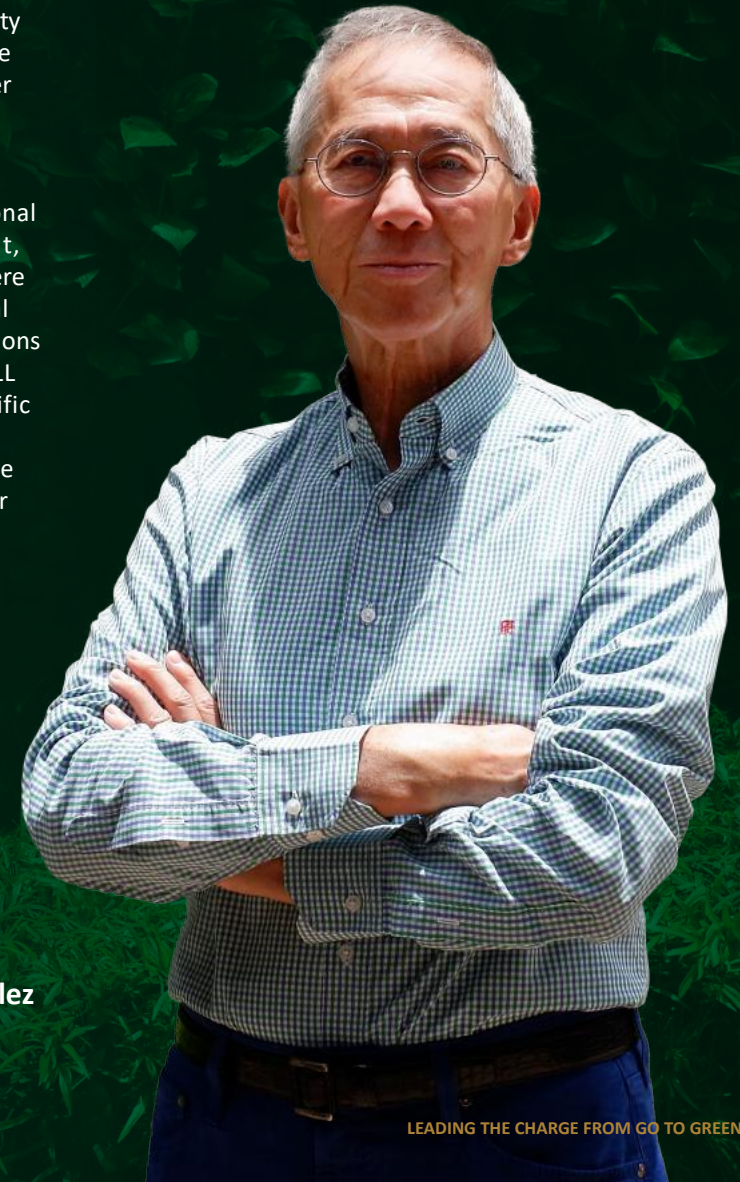
Building for Ecologically Responsive Design Excellence
Philippine Green Building Council

Message from the Vice-Chairman and President

At Arthaland, we promote sustainable practices across our organization, in the Philippines, and in the world. As clearly manifested by our activities in 2021, we continued to integrate sustainability into our investments and operations and to lead the charge as we collaborated with industry leaders, community partners, and stakeholders.

We demonstrated this commitment by growing our property development portfolio that is certified sustainable. We have decarbonized 59% of our portfolio, saved 45% in water use, and 54% in energy use compared to conventional building design.

We further aligned our developments with international green building and well-being standards. As a result, 94% of our operational and construction portfolio were certified as sustainable by both local and international institutions. Notably, in 2021, we obtained precertifications and health-safety ratings from the International WELL Building Institute™ (IWBI™) for Arthaland Century Pacific Tower (ACPT), Cebu Exchange, and Savya Financial Center. These have clearly demonstrated that the way we design and build is aligned with the global framework for the health and well-being of our occupants.



Jaime C. González

“The pandemic has taught us that everything is possible if we can focus on the pursuit of a common goal — be it inventing a vaccine for all, ensuring human survival, or building sustainable developments.”

Validating our leadership position are the awards and recognition we received in 2021.

At the ASEAN Energy Awards 2021, Arthaland won the ASEAN Energy Efficiency and Conservation Best Practices Awards category, proving that our efforts to achieve sustainability in our developments have borne fruits and have created meaningful impact.

Furthermore, our 37-story residential development in the Cebu Business Park, Lucima, is on the heels of becoming the first quadruple-certified sustainable high-rise residential condominium in the country, an outstanding unique achievement. Lucima embodies the depth of our commitment to embark on developments that incorporate people-centric design and our sustainability commitment, promoting health and well-being hand-in-hand with climate action.

Net zero and healthy certifications epitomize our guidepost for all Arthaland projects as we pursue our commitment to grow our development space by five times in five years by 2023.

Going for zero

In 2020, we became the first property developer in Asia to be a signatory to the World Green Building Council's Net Zero Carbon Buildings Commitment. This pledge further manifests our leadership in decarbonizing the building and construction industry.

Climate change is a global challenge that demands local solutions, especially for real estate developers operating in an emerging economy like the Philippines, one of the world's most vulnerable to climate crisis. Not only does the occurrence of typhoons and natural disasters destroy properties and lives, but extreme weather disturbances also take a toll on people's health and well-being when they cause disruptions in the food supply, spread of diseases and illnesses, and exacerbate mental health issues, among others.

Recognizing that the sustainability of our business is inextricably linked with the Philippines' climate resiliency, we must take immediate action to mitigate the risk of further damage to the environment and to lead the charge to uplift quality of life of our communities.

We proactively aim to reduce our stakeholders' anthropogenic carbon emissions through meticulously planned projects, purposely designed to respond to climate shifts, to save on the use of natural resources, and to decarbonize our operational energy. The sustainability impact and relevance of our projects are further validated by certification systems of international and local institutions which utilize recognized green building rating tools.

We will continue to transform the market from conventional to net zero by designing and operating all our projects to be sustainable, prompting innovation and heightened demand for sustainable products, and by influencing our supply chain for sustainable operations.

Going for health and well-being

As developers, we are responsible for the environments where our occupants live and work. Thus, we ensure that we build for a purpose: to provide surroundings and conditions that nurture both body and mind. Our buildings are designed to offer air and water quality, ample lighting, comfortable temperature, and green, open spaces that encourage occupants to live an active and healthy lifestyle and to commune with people and nature.

During the COVID-19 pandemic, health and well-being became a primordial concern as people worldwide were forced to stay indoors nearly 100% of the time to avoid exposure to the virus. This highlighted the importance of designing spaces that nurture good health.

We adhere to a science-based global wellness standard to ensure that our developments are safe and healthy. These include the WELL certification crafted by the International WELL Building Institute in conjunction with physicians, scientists, and industry building professionals. To this end, we provide our building occupants access to nutritious food with the establishment of The Potager Gardens™ by Arthaland in Arya Residences, Arthaland Century Pacific Tower as well as in all our new developments. We also help reduce transmissible diseases by installing contactless technologies that alleviates the use of high-touch surfaces in our developments. Part of our commitment to well-being is promoting mental health among our building occupants by enabling them to be close to nature and to relax in our buildings' open and green spaces. We strive to create a healthy and safe space with a higher quality indoor environment that promotes community resiliency in every project.

Going the distance for sustainable builds

Under the lingering cloud of COVID-19, the past two years made us at Arthaland realize even more the importance of our mission to build healthy, resilient, and safe homes and offices.

When we founded Arthaland, we knew it would be more than a real estate venture. Even when “sustainability” was not yet a buzzword, Arthaland’s founders already believed in doing well by doing good. So we went against the tide and built a company that will genuinely embody what sustainability is. When we have an opportunity to do what’s easy or what’s right, we still choose the latter. Our values and commitments are more than just words on a wall – we believe in doing good and doing well in the long term, even if the path is not as well paved.

The focus of our investments on sustainability and wellness have proven essential to safeguarding our customers’ well-being and operational resiliency. Where sustainable design works hand-in-hand with adaptive operations, stakeholders of Arya Residences and Arthaland Century Pacific Tower operated with confidence through the pandemic.

With the support of our Board of Directors, our employees, our customers, and our partners, we are confident to lead the charge in building sustainable legacies for a better future for all.

Jaime C. González
Vice-Chairman and President

2021 Highlights

December 2020

WELL™ Health-Safety Rating 2021. Arthaland Century Pacific Tower (ACPT) proved its operational resiliency by obtaining a WELL Health-Safety Rating from the International WELL Building Institute™ (IWBI™).

January 2021

Cebu Exchange WELL Precertification. Cebu Exchange strengthened its claim as the largest multi-certified sustainable office tower in the Philippines after its precertification of WELL Building Standard™ (WELL™) in December 2020.

February 2021

Savya Financial Center Top-Off. Arthaland topped off its Savya Financial Center North Tower, the first multi-certified green office development in Arca South in Taguig City.

April 2021

Savya WELL Precertification. Savya Financial Center North Tower became the second Arthaland property in 2021 to obtain precertification under the IWBI's prestigious WELL Building Standard.

June 2021

Ready for Handover. Phase I of our office building, Cebu Exchange, was 87% complete as of June 2021.

July 2021

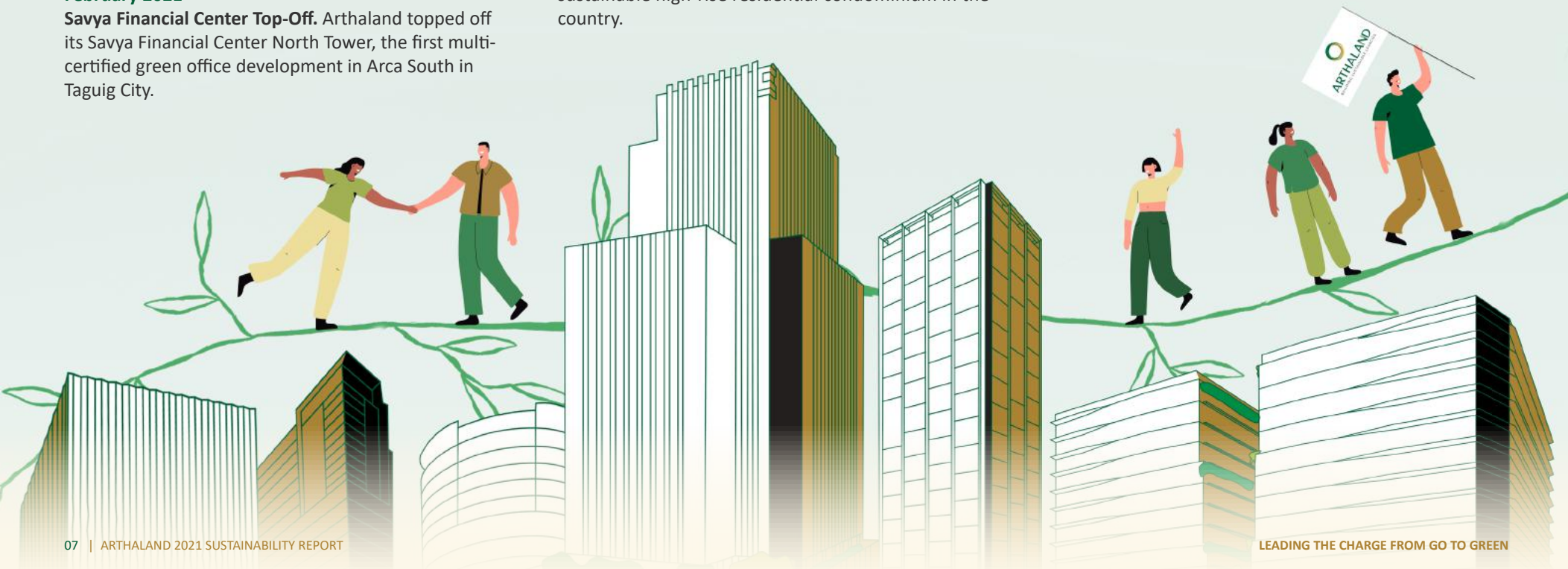
Lucima Launched. The 37-story residential development in Cebu is envisioned as the first quadruple-certified sustainable high-rise residential condominium in the country.

September 2021

ASEAN Energy Awards 2021. Arthaland won the ASEAN Energy Efficiency and Conservation Best Practices Awards category at the ASEAN Energy Awards 2021, considered Southeast Asia's highest reward.

December 2021

Php3 billion Raised. Arthaland raised Php3 billion from its Series D preferred share offering. The preferred shares are listed on the Philippine Stock Exchange. The company used the proceeds to acquire and develop real estate projects, repay loans, and for general corporate purposes.



Sustainability at Arthaland

Arthaland is the preferred property company for sustainable developments. To ensure a better future for our customers and occupants, we must operate in a responsible manner today.

This serves as anchor in all our decisions and actions from go to green — from the moment we choose the land we will build on to the time we ensure the health and well-being of the people who benefit from our presence. It also embodies our commitment to sustainability and guides us primarily in these times of uncertainty when the world is still grappling with a global pandemic.

The COVID-19 health crisis highlights the interconnectedness of our environmental, social, and economic systems. It also underscores the power of collective actions: the enormous impact we create when we work together to find solutions.

Governance

Our commitment to sustainability is ingrained throughout the organization, from our major shareholders to the Board of Directors, to the Management Team and the employees.

Our Management Team planned and executed these directives consistent with the Company's mission, vision, and core values. In 2020, we participated as the first Asian real estate company signatory to the Net Zero Carbon Buildings Commitment (NZCBC) of the World Green Building Council (WorldGBC). Our undertaking includes decarbonizing the entire Arthaland development operational energy portfolio by 2030.

Being the real estate developer in the Philippines with a portfolio that is 100% certified as sustainable is our way of taking responsibility for protecting our shared future. We must not only play our part but also lead it by adhering to sustainable building practices and by providing the highest standards in design, quality, and operations.

As much as the world has changed because of COVID-19, Arthaland remains fully committed to its strategy, sustainability leadership, and role in transitioning to a low-carbon future. Our commitment is unwavering and continues to be at the heart of everything we do.



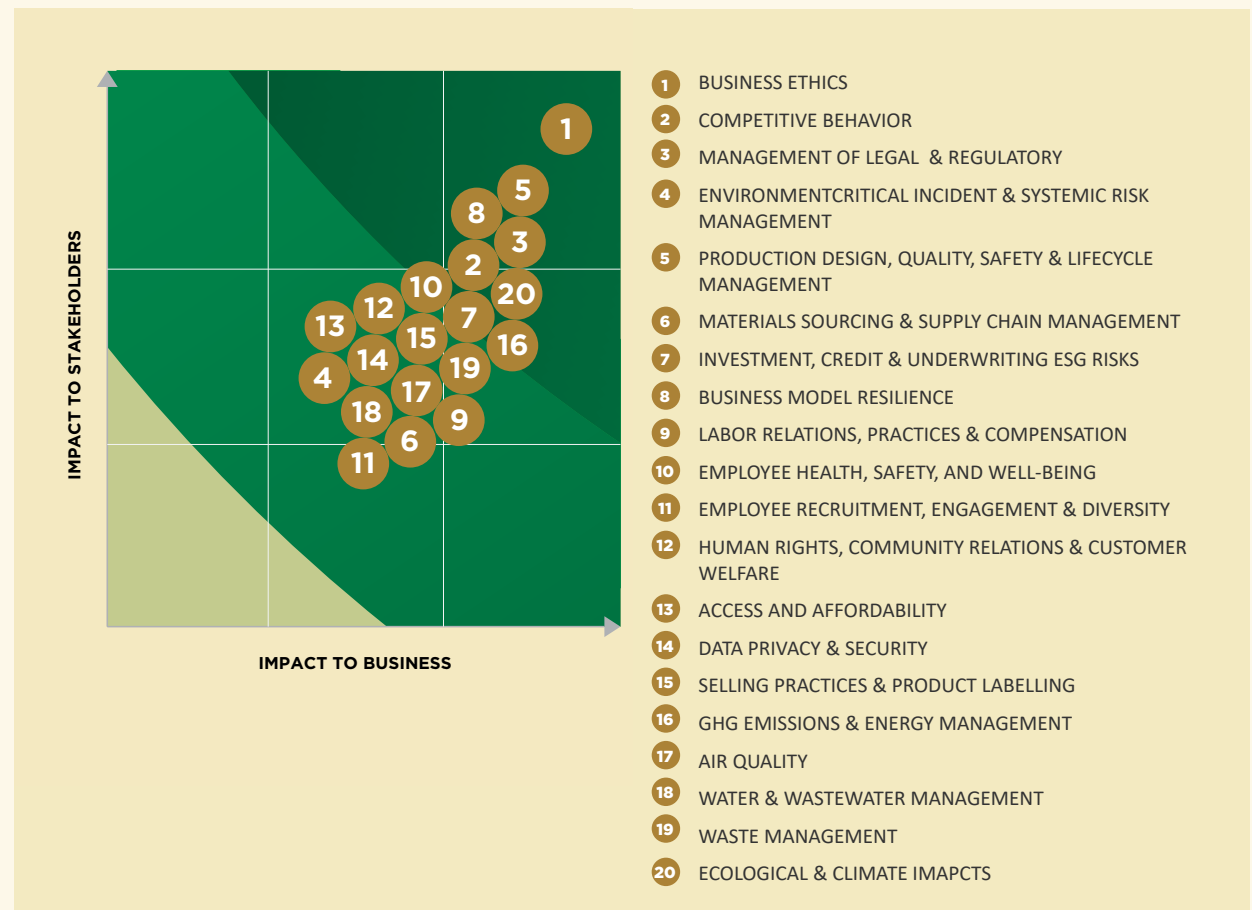
What Matters to Us

Since Arthaland was founded, we have carried out a materiality assessment to determine which aspects of our sustainability plan are most important to our stakeholders.

In evaluating materiality, we have considered the relevance of the information for our stakeholders and the impact of our organization on the topics from an economic, environmental, and social perspective.

During the strategy development, our top management and select business units identified, assessed, and prioritized our sustainability concerns based on their expertise, decision process, and knowledge that represent stakeholders' interests, particularly our customers, employees, contractors, and local communities.

This exercise resulted in a list of topics most material to our business. We also integrated the United Nations' Sustainable Development Goals into the strategy development process.



Material topics are clustered into low, medium, or high, depending on their effect on our business and stakeholders. In this report, we have chosen to devote more discussion to topics with medium and high levels of criticality.

Taking Climate Action

At Arthaland, we believe that weaving sustainability into our business is beyond an ethical cause but an imperative for our long-term growth. This belief demands that we take a serious look into the impact of issues that may cloud our horizons and manage potential risks.

One of these issues that may pose a severe threat to our business is climate change. Since we were founded in 2009, climate change has already been on top of our agenda and anchored on our vision, mission, and core values to build sustainable legacies.

Taking climate action is most urgent for a real estate developer like Arthaland which operates in the Philippines, a country considered among the world's most vulnerable to extreme weather disturbances.

The accelerating physical consequences of a changing climate are becoming more pronounced as communities face extreme weather events, major natural disasters, and other risks. These adversely impact real estate developers as they cause project disruptions, increase business costs, and cause reputational and physical damage. These extreme weather events also disrupt food supply and bring about diseases and illnesses, among others, that affect the health, safety, and well-being of people. Meanwhile, significant biodiversity loss and the collapse of the ecosystem affect the availability of resources essential to the construction and operations of developments.

Strategy

To reduce climate-related risks and take advantage of opportunities, Arthaland advocates the conservation of biodiversity and designs and constructs buildings that mitigate and adapt to climate change and mitigate man-made environmental damage and disasters.

We also made net zero commitments by joining the Advancing Net Zero (ANZ) project of the World Green Building Council (WorldGBC) through the Net Zero Carbon Buildings (NZCB) Commitment in 2020. These commitments include the undertaking of decarbonizing our entire development operational energy portfolio by 2030.

Risk Management

Developers face pressing risks from climate change — from physical threats that could lead to the destruction of properties to risks associated with the transition to a low-carbon economy. Climate-related stakes are high on our sustainability agenda as they impact our business and the communities that host our developments.

We always strive to make a positive contribution in every aspect of green building — such as location, transportation, site micro-climate, water, energy, materials, and waste. We engage experts to deliver green buildings in every aspect.

Metrics and Targets

We have secured third-party green building and well-being certifications to make our developments 100% sustainable. We use the standards and metrics recognized globally:

- Leadership in Energy and Environmental Design™ (LEED™)
- WELL Building Standard™ (WELL™)
- Excellence in Design for Greater Efficiencies (EDGE)
- Building for Ecologically Responsive Design Excellence (BERDE)

Meeting the Goals from Go to Green

The United Nations' Sustainable Development Goals (SDGs) provide a model for addressing the most critical economic, social, and environmental challenges.

However, given the magnitude of the task ahead, governments alone cannot meet these goals. Organizations must step up to contribute to the achievement of these 17 UN SDGs by aligning their operations with these goals.

At Arthaland, we ensure that every stage of the property development lifecycle creates a positive impact on society and the environment. Therefore, our sustainability framework is integrated throughout our project cycle: from project development, design and planning, project execution, and delivery and after-sales.

Aspiring for a greener future through our projects is integral to our business strategy and guides our contributions to the achievement of the UN SDGs.

Project Lifecycle

1. Project Development

Activities related to site evaluation, land acquisition, due diligence, and feasibility studies of the project



2. Design and Planning

Conceptualizing, designing, and setting of the project sustainability performance targets



3. Project Execution

Activities during the construction of the project



4. Delivery and After Sales

Turnover to buyers, documentation, and customer feedback activities



Project Lifecycle

1. Project Development

Activities related to site evaluation, land acquisition, due diligence, and feasibility studies of the project



We prioritize developing on properties that do not displace biodiversity and/or communities. We allocate an equivalent of 30% of our site for open space and vegetation where biodiversity can flourish and threatened plant species are conserved.

2. Design and Planning

Conceptualizing, designing, and setting of the project sustainability performance targets



We aligned our development design with global frameworks on green and healthy standards that are globally and locally impactful in taking action on climate change. We are committed to achieve a net zero carbon operation for our entire development portfolio by 2030.



Our developments are designed to be resource efficient more than conventionally designed buildings. Following the stringent requirements of the Excellence in Design for Greater Efficiencies (EDGE) green building rating tool, our projects are designed to achieve a minimum performance efficiency in energy, water, and materials.



We plan our developments in ways that uplift the quality of life of our occupants by promoting good health and wellness of our stakeholders. We adapt the WELL Building Standard™ (WELL™) into our design to ensure our developments follow the global framework for health and wellness.

Project Lifecycle

3. Project Execution

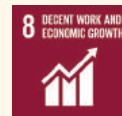
Activities during the construction of the project



We work with our general contractors to implement best practices to prevent construction pollution and protect the health of the surrounding communities.



We work with our general contractors to source, procure, and install sustainable materials as well as minimize the waste generated and increase the diversion rate of wastes on site.



We require our general contractors to provide decent work opportunities to the community that hosts our development, and comply with labor, human rights, and other relevant laws, as well as Arthaland's Code of Business Ethics.

4. Delivery and After Sales

Turnover to buyers, documentation, and customer feedback activities



Arthaland, through its property management arm, Arthaland Prestige Property Solutions (also known as Emera Property Management, Inc.), conducts an annual customer satisfaction survey to identify where it is successful and what improvements can be made in building services.



We pursue certification from the WELL™ to verify that we operate and maintain our developments according to the internationally recognized standards for buildings that promote good health.

Environmental Sustainability

Doing business in the Philippines presents both an opportunity and a challenge for sustainable property developers like Arthaland.

On the one hand, the country has a resilient economy and emerging new growth areas that are helping buoy demand in the real estate industry.

On the other hand, the country's geographic location makes it among the world's most vulnerable to extreme weather events related to climate change. This poses a potential threat to business continuity and sustainable growth.

The built sector could play a major role in environmental sustainability. While it is a crucial sector for the economy, accounting for roughly 10% of global GDP, the built sector is also a key driver of emissions, resource use and land use change across multiple sectors. To turn the tide, the sector has to avoid practices and activities that worsen global warming, accelerate the shift towards net-zero emissions, and promote a circular, healthy, inclusive, and resilient built environment.

Arthaland aims to lead by example in environmental sustainability.

By integrating green practices in our business and project lifecycle, we successfully decarbonized 59% of our development portfolio's operational energy. We are adopting the use of renewable energy in all our future projects.

As pioneers of net zero developments in the Philippines, we face significant challenges in transforming the market. These challenges include access to experts on sustainability in the built industry as well as the availability and affordability of technologies for higher efficiencies and more sustainable materials. These factors not only drive the project's level of sustainability but also its capital investment, impacting the project's position in a competitive market. Arthaland strives to balance both aspects to ensure that we deliver the highest level of sustainability while still preserving our competitiveness.

To fully realize our vision and roadmap to reach net zero operations in all our projects, we will continue to improve our design and construction to be certified as sustainable, using 100% renewable energy. By adopting net zero practices, we are not just showing the way in environmental sustainability but also promoting the holistic well-being of people and the planet's sustainability.

Going Green from the Get-Go

Here are six ways Arthaland turns every stage of the project lifecycle genuinely green.



1. Getting smart with locations

When selecting land for development, we conduct extensive due diligence and evaluate each property in accordance with our business strategies. We have a comprehensive approach to land selection that considers a property’s potential economic impact and its effect on the environment and the communities’ well-being. In addition, we conduct a geohazard study on each site to determine the risks to future occupants and mitigate the potential negative impact through design and operations.



2. Preserving life’s balance

We avoid developing on land that displace biodiversity and local communities as much as possible, going at great lengths to protect and preserve the existing natural habitat and reduce the disturbance to significant ecological species. In all our developments, we allocate an equivalent of 30% of our site for open space and vegetation to promote biodiversity.



3. Putting a premium on efficiency

We adopt an “efficiency first” approach in sustainability before considering alternative resources. This means setting energy and water reduction strategies to meet the minimum efficiency performance before considering renewable energy and graywater reuse.

Through this approach, Arthaland projects are designed to be at least 40% more energy-efficient and at least 20% more water-efficient than conventional building designs. This approach enables building occupants to save on the use of natural resources which in turn reduces the cost of operations. This aligns with our commitment to achieve net zero carbon operation for our development portfolio by 2030.

Going Green from the Get-Go



4. Constructing with sustainable materials

We work with general contractors to encourage the use of sustainable materials and to implement sustainable construction practices. This applies to subcontractors, material suppliers, and manufacturers involved in our projects. At least 10% of the materials in terms of cost must be sourced from within 160 kilometers of the project site. Using locally sourced materials can reduce their carbon footprint due to less distance traveled and help stimulate the local economy.



5. Building responsibly

We put great importance on environmental compliance and adhere to relevant laws and regulations such as Presidential Decree (PD) 1586 or the Philippine Environmental Impact Statement System, Republic Act (RA) 8749 or the Clean Air Act of 1999, RA 9275 or the Philippine Clean Water Act of 2004, RA 9003 or the Philippine Ecological Solid Waste Management Act of 2000, and the Philippine Green Building Code. In addition, we obtain the necessary Environmental Compliance Certificate from the Department of Environment and Natural Resources – Environment Management Bureau as proof of our commitment to implement an environmental management plan for the project.



6. Minimizing waste

We ensure that we adopt best practices during project construction to minimize pollution and other environmental harm. We work with our general contractors on all our construction developments to build a Materials Recovery Facility (MRF). The MRF is a dedicated space for various types of construction and hazardous waste which allows the collection, segregation, and recycling of construction wastes for each project. We monitor and implement a construction waste management plan that targets a waste diversion rate of 50% by weight for all our projects.

Interview with World Green Building Council

The Race to Net Zero

By 2030, efficient buildings will present an investment opportunity worth US\$24.7 trillion in developing economies, according to the World Green Building Council (WorldGBC). However, only less than \$3 of every \$100 spent on new construction goes to efficient buildings, WorldGBC said in its Annual Report 2020/21.

In this interview, WorldGBC CEO Cristina Gamboa talks about the opportunities and challenges in the road to decarbonization. WorldGBC is a global network of more than 70 Green Building Councils (GBCs) and 36,000 members.

In your Beyond the Business Case Report, you mentioned that buildings generate approximately 40% of global greenhouse gas emissions. What are the biggest obstacles to decarbonization?

One obstacle is that a building’s lifecycle and investment cycles are considered long-term processes, which has led to the built environment often being overlooked in the climate discourse and decarbonization strategies.

Our 2021 *Beyond the Business Case report identifies further obstacles such as:* higher (perceived or actual) first costs, lack of market demand, lack of trained/educated green building professionals, lack of political support or incentives, and lack of public awareness and the perception of affordability.

How important is being a signatory to the Net Zero Carbon Buildings Commitment for real estate developers in developing countries like the Philippines?

Signatories to the Net Zero Carbon Buildings Commitment such as Arthaland are demonstrating industry leadership by going further and faster to decarbonize their built environment portfolios. These signatories act as pioneers to competitors, but also illustrate to governments that the demand exists for legislation to accelerate decarbonization efforts.

This is particularly important in developing countries such as the Philippines where we expect a significant amount of new construction to take place in the coming decades.



“This means that other industry stakeholders should be looking to Arthaland’s leadership example to shape their own sustainability strategies. In a historically fragmented sector, deep collaboration is of the utmost importance if we are to have a chance of keeping 1.5° alive.”

Cristina Gamboa,
WorldGBC CEO

What is the business case for real estate developers to become a Net Zero Carbon Buildings Commitment signatory? What's in it for them?

- a) Green bonds: Financial markets are increasingly directing their investments towards projects that factor in ESG performance. This is because high ESG performance represents long-term value and returns rather than short-term. Sustainable buildings have developed to be one of the most important asset classes in the green bond market. In 2019, \$66 billion worth of green bonds were used to finance or refinance green buildings or loans for green buildings – 28% of the total 2019 green bonds issuance.
- b) ESG and corporate reputation: Sustainable finance is increasingly becoming the norm. Most institutional investors foresee a time when they will limit allocations exclusively to investment managers with a formal approach to sustainable investing. Over 40 global institutional investing firms have indicated that ESG was a ‘top of mind’ priority. These include the world’s three biggest asset managers as well as major national government pension funds.
- c) Higher asset value and desirability: Sustainable buildings tend to have higher asset values than conventional buildings, alongside higher rental values, lower operating costs, and higher occupancy rates. Studies predict a doubling in global demand for green buildings worldwide in the near future.

- d) Resilient investment and lower risk of stranded assets: Stranded assets present a major risk to both existing building and infrastructure assets, plus those under construction. For residential real estate assets alone, the potential impact of climate change related effects risk value would be US\$16 trillion, plus US\$5 trillion for global commercial assets.
- e) Lower operational costs and return on investment: The cost uplift of sustainable built assets can be far lower than the market expects. Operating costs for sustainable assets are over 13% lower for new construction and close to 9% for retrofitted building projects.
- f) Preferential insurance premiums: Resilient buildings and infrastructure with lower risk of physical and systemic stresses of climate events benefit from reduced insurance premiums, offering lower operational overheads in comparison to a less sustainable asset.
- g) Better occupant productivity in commercial sector: Sustainable buildings and health-focused design interventions stimulate occupant health and comfort, enhancing both mental and physical health and consequently improve productivity.

In a commercial organization, where 90% of typical overheads are spent on human capital, even a minor improvement in productivity can substantially impact company turnover and profit.

Arthaland is the first real estate developer in Asia to become a Net Zero Buildings Commitment signatory. What does this mean to other industry players?

This means that other industry stakeholders should be looking to Arthaland’s leadership example to shape their own sustainability strategies. In a historically fragmented sector, deep collaboration is of the utmost importance if we are to have a chance of keeping 1.5° alive. It is important that industry players seek creative ways to collaborate and learn from pioneers such as Arthaland, rather than working in silos. They must look to work together and share best practices with others to accelerate the uptake of decarbonization efforts and net zero across the industry. This is even more apparent in developing countries.

What opportunities and challenges do you see in meeting decarbonization targets and the Net Zero Buildings Commitment?

At COP26 WorldGBC announced that 44 businesses, representing \$85 billion annual turnover, signed WorldGBC’s Net Zero Whole Life Carbon Buildings Commitment to accelerate action to tackle whole life carbon emissions from the built environment by 2030. Today, US\$1.2 trillion real estate assets under management are now a part of the UN’s Race to Zero campaign.

The opportunities presented by the transition to net zero, specifically within the built environment are huge, but we need to improve the accessibility to the knowledge, solutions, technology, and financing mechanisms to ensure that everyone can build a net zero building.

Sustainable Well-being

Mental health and well-being became a priority for many people worldwide after experiencing prolonged lockdowns during the COVID-19 pandemic.

This is not a surprise as most of us spend up to 90% of our time indoors — at home, in our workplace, or public spaces — even pre-pandemic. These physical and social environments have a significant impact on health and well-being.

Since the company's inception, we have focused on making spaces that positively impact the environment and our occupants' health and well-being. Wellness is defined by the quality of life where individuals are able live to their full potential, cope with stress, work productively, and have peace of mind.

We at Arthaland have been committed to ensuring the health and well-being of people in our developments even before the COVID-19 pandemic brought the link between the built environment and human health into focus. However, we recognize that designing safe and healthy spaces is always a work in progress. Thus, we will continue to implement the best practices and principles recommended by the International WELL Building Institute™ (IWBI™) and strive to achieve WELL certifications for all our projects. We expect to sustain this commitment as we lead the charge in sustainable well-being in the years ahead.

Leading in Well-being

We adopt sustainable well-being standards throughout the lifecycle of our projects. Here are five ways we safeguard health and well-being in our developments:



1. Promoting an active lifestyle

We promote a healthier lifestyle by building in areas that have easy access to mass transportation and essential services, thus reducing the need for vehicle use and traffic congestion. All Arthaland projects also provide bicycle racks, priority parking for green vehicles, and even showers in office buildings to encourage people to walk and bike instead of motorized transport. These features promote fitness through mobility while helping our planet reduce carbon emissions.



2. Ensuring healthy minds

We increase our occupants' access to nature by providing green and open spaces in our developments for social engagements and the mitigation of the heat-island effect. Equally important, these green spaces help improve the overall mental health of humans, air quality, and effectively limit the impact of heat waves by reducing urban temperatures.



3. Giving access to healthy food

Unique to Arthaland developments is a Potager Garden that provides residents with healthy and nutritious food. Essentially a kitchen garden, these are spaces where edible plants and herbs are grown, nurtured, and harvested for serving at the table. These gardens also foster a strong sense of community by deepening people's connection with food and nature.

Leading in Well-being



4. Ensuring safety through innovative technology

Our developments feature contactless technologies in high-touch surfaces such as elevators and plumbing fixtures to help reduce the spread of bacteria and viruses through surface contact. We will also provide virtual concierge service in our office developments to lessen human contact while maintaining the warmth of personal interactions. In our Savya Financial Center, semi-autonomous surveillance robots will be operated to ensure safety at any time of the day.



5. Looking after the well-being of builders

Our sustainable well-being stewardship also includes ensuring the health and safety of people working on Arthaland developments. For example, we work with our general contractors to create safe working conditions for the builders, such as implementing Indoor Air Quality Management practices during construction. Also, safety measures in compliance with Occupational Safety and Health Standards (OSHA), such as proper training on equipment handling and waste disposal, wearing protective equipment, and having Health and Safety Officer are in place to minimize safety risks.

Interview with International WELL Building Institute

Building for health and Well-being

Never in recent history have people worldwide spent more time indoors than during the COVID-19 global pandemic. As a result, lockdown restrictions on people's health and well-being have become more profound.

For the International WELL Building Institute (IWBI™), human health and planetary health are inextricably linked. Rachel Hodgdon, president and CEO at IWBI, explains why in this interview.

What prompted the establishment of the IWBI?

The International WELL Building Institute (IWBI) leads a global movement to transform health and well-being with our people-first approach to buildings, organizations, and communities. Our job is to transform the spaces around us so that everyone, everywhere, can be healthier, happier, and more productive. We use our WELL Building Standard (WELL), a roadmap for creating and certifying spaces that advance human health and well-being. But we can't do it alone. IWBI convenes and mobilizes the global wellness real estate community through management of the WELL AP credential, the pursuit of applicable research, the development of educational resources, and advocacy for policies that promote health and well-being everywhere.

What opportunities and challenges do you see in making people-first buildings a global standard?

As we know, COVID-19 has accelerated the market awareness that our places can help advance our health and well-being. Heightened awareness drives market demand. As a result, we now have an opportunity to solidify the shared understanding around the vital fact that where we work, live, learn, and play matters enormously to our health, happiness, and performance. This is an opportunity to transform the way we design, operate, and manage our buildings, organizations, and communities.



“The Philippines is showing market leadership in WELL adoption in the Southeast Asia region. We very much look forward to working with organizations in the country to advance the WELL movement.”

Rachel Hodgdon,
IWBI President and CEO

On the other hand, challenges persist. One of the significant challenges is breaking through our status quo and pressing forward instead of slipping back to the way it used to be. We cannot afford to fall back. Instead, we need to continue raising public awareness and driving demand so that a people-first approach to our places and spaces becomes the default approach for every organization worldwide.

Last December 2021, your organization reported that “nearly 80 million square meters of real estate are applying WELL programs across Asia-Pacific – representing a twofold increase in adoption of all WELL offerings in the past year.” How would you describe the momentum of adoption of WELL programs in the Philippines?

As the leading global framework for scaling health impact across buildings, organizations, and communities, the tailwinds behind WELL are strong. WELL adoption has been growing exponentially. We work with organizations and professionals worldwide in every industry to help scale up impact so that people-first places are accessible to everyone, everywhere. This is the case across the board, from North America to Europe to Asia Pacific.

In the Asia Pacific, 2021 alone experienced more than two-fold growth of WELL adoption, with 80 million square meters of real estate in the region enrolled in one or more WELL offerings. Such growth is driven by the strong market demand for people-first places. In the Philippines, we are excited to work with some fantastic market leaders conducted by the private sector, including Arthaland. The Philippines shows market leadership in WELL adoption in the Southeast Asia region. We very much look forward to working with organizations in the country to advance the WELL movement.

After Delta and Omicron, there are still COVID-19 variants emerging that will affect people’s health and well-being. How do you plan to push for the promotion of health and well-being of building occupants?

COVID-19 has taught all of us about the vital role our places play in protecting us against transmittable diseases. In addition, the continuous outbreaks of COVID-19 variants serve as a constant reminder that we must leverage our sites as part of our caregiving mechanism to defend public health.

At IWBI, we continue to evolve our learnings from the current pandemic and we update the WELL standard and WELL programs with the latest scientific findings and best industry practices. We are also developing new ratings and programs to enable market engagement further.

Today, WELL is being adopted by projects and organizations in 109 countries in over three billion square feet of real estate. We hope WELL will become the default tool for organizations to manage their stakeholders’ health and well-being everywhere with this exponential growth rate.

Social Sustainability

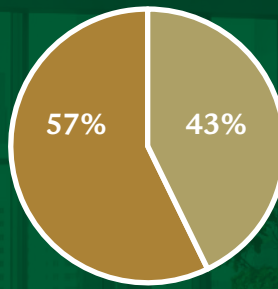
We ensure that our presence benefits the communities that host our developments through better quality of life.

With an eye to thinking beyond the building, we help address issues on inequity, diversity, and inclusion by taking social sustainability aspects into account when we invest in and manage our projects.

We recognize our power to contribute to advancing the economic, environmental, and social well-being of people through our builds and their surrounding neighborhoods.

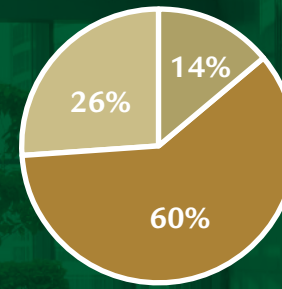
For us at Arthaland, these actions are just a start. We strive to create lasting change by weaving socially responsible business practices into the fabric of how we operate as a company. It is only after doing this that we can claim that we have genuinely improved the vitality of the local communities, touched by our presence.

Arthaland Workforce at a Glance



By Gender:

43% male
57% female
50% of those in the managerial positions are women



By Demographics:

14% above 50 years old
60% are 30-50 years old
26% below 30 years old



By Attrition:

15% attrition rate
7% of the attrition by women
10% less than 30 years old

Make people matter

Here are five ways we are making an impact as a socially sustainable company throughout the project development cycle:



1. Preserving heritage and livelihood

When selecting project locations, we avoid building on historical sites and agricultural land as these are areas of significance to the community in terms of culture and livelihood. To further enhance our understanding of historical sites, Arthaland actively supports the programs of the Philippine Map Collectors Society, an association which promotes the appreciation of the country’s cartography, its changes over the centuries, and the impact of the local culture and communities on the environment.



2. Promoting green jobs

We contribute to the economic and social well-being of people in local communities by generating jobs. Therefore, we require our general contractors to provide decent work opportunities to the communities that host our development. With green projects, the jobs we create stir economic positivity and open opportunities to uplift our skillset for sustainability.



3. Upholding business ethics

We comply with labor, human rights, and other relevant laws when we hire a team of experts and general contractors for our projects. We also ensure that all our partners thoroughly understand and commit to the observance of Arthaland’s Code of Business Conduct and Ethics, Whistleblowing Policy, Conflict of Interest Policy, Anti-Corruption and Bribery Policy, Insider Trading Policy, and Related Party Transaction Policy, and other workplace policies. At the same time, we also see that our partners are competent, capable of designing according to international and local standards, innovative, and supportive of our sustainability goals. All partners must also work well under the four-rating systems (LEED™, WELL™, EDGE, and BERDE).

Make people matter



4. Championing sustainability

Our leadership in advocating for climate action and sustainable development extends to real estate organizations and associations, architecture and engineering universities, and green building advocates. Our membership in organizations that share our mission, our Corporate Social Responsibility projects, and our efforts to spread awareness of green practices in the real estate industry helps us magnify our social contributions. We also provide education and training to the public to promote understanding of the environmental and social impacts of the built environment. These activities vary from teaching basic everyday green living practices to elementary students, to lessons on sustainable design theories to college students, and to presenting case studies to national and international organizations so they, too, will learn and practice sustainability.



5. Reducing inequality

We help address social inequality in our office properties by serving the needs of the increasingly diverse employees who work in the building. For example, we allocate spaces for gender-neutral bathrooms and other amenities and ensure all areas are accessible to people of all abilities.

Financial Sustainability

We ensure that we have sufficient funds to meet all our resource and financial obligations, as well as our future capital needs for our sustainable growth.

To this end, here are six ways we are making an impact as a financially sustainable company throughout our project development cycle:



1. Making our presence count

We carefully choose the location of our projects by studying the feasibility of our potential project, taking into account not just the cost of development and its potential profitability but also the positive economic impact our presence will create on the host community.



2. Designing with a purpose

We conduct market studies for development feasibility before embarking on building design. We also get feedback from past, present, and potential clients to improve our projects.



3. Investing in the future

Building sustainable projects requires time, effort, expertise, and financial commitment. While building sustainable developments costs more than conventional projects, we believe this is an investment for the future. Moreover, our philosophy and track record attract like-minded multinational organizations such as Mitsubishi Estate and Arch Capital with the same goals (net zero carbon emission and wellness) as we do in developing sustainable projects. This increases Arthaland's financial resiliency and portfolio opportunities.

Ensuring business growth



4. Building smart

To ensure market acceptance, we keep the cost of construction within market-acceptable standards. When choosing building materials and technologies, we decide based on performance impact at the most reasonable cost, and on its alignment with our green criteria (i.e., use of recycled content, non-toxic materials, biodegradable, environmental product declarations, eco-labeling). We balance the capital cost and its impact to our overall profitability.



5. Creating more value

To ensure that high quality is maintained even after its turnover, Arthaland takes care of the property management of all our projects, ensuring the proper and timely maintenance of the buildings. By doing so, we ensure that the buildings continue to operate sustainably and efficiently, a significant benefit to the owners and occupants. The Arya Residences now commands a market value that is in excess of three times its original price in 2011.



6. Safeguarding our reputation

By upholding Arthaland's outstanding brand reputation as the foremost sustainable developer in the Philippines, we have earned the respect and support of the investment community. This is reflected in the successful issuance and listing of our Php3-billion ASEAN Green Bonds on the Philippine Dealing and Exchange Corporation (PDEX) in 2021. We established a green finance framework for this offer, the first from a property developer in the Philippines, under which proceeds from the issuance will be used to finance a portfolio of eligible green developments. Vigeo Eiris, an independent international provider of environmental, social, and governance (ESG) services for investors and public and private organizations, has given its highest level of assurance on Arthaland's commitments and the contribution of the issuance of financial instruments under the green finance framework to sustainability. In addition, the bonds also received a credit rating of PRS Aa from Philippine Rating Services Corporation (PhilRatings), an upgrade from the previous rating of PRS Aa minus. A "Stable Outlook" was likewise assigned to the rating.

Our Sustainable Properties

Property developers in the Philippines continue to face uncertainty and challenges due to the lingering impact of the COVID-19 global pandemic in 2021. These ranged from restricted access to goods and services, to human resources issues affecting our team members, advisors, and suppliers.

However, our meticulous planning and preparation for every project enabled us to quickly adapt to the rapidly evolving business environment and deliver on our promise to offer quality developments that will create a wealth of life for future generations.

Amidst the pandemic, we continued to pursue our sustainability targets relentlessly. As the first Philippine and Asian property developer to be a signatory to the Net Zero Carbon Buildings Commitment of the World Green Building Council as well as being a member of the Energy Productivity 100 (EP100) of The Climate Group, we are committed to using energy more productively to lower greenhouse gas emissions and to accelerate a clean economy. Thus, we continue to track our annual operating performance using global benchmarks. In 2021, our developments exceeded the energy and water savings targets while we continue to aim for a 100% reduction in greenhouse gas (GHG) emissions by 2030.

Development Portfolio Operating Performance



Water Savings

Performance

45%

Target 20%



Energy Savings

Performance

54%

Target 40%



GHG Reduction*

Performance

59%

Target 100% by 2030

**The GHG Performance reduction disclosure follows the GHG Protocol calculation methodology for GHG accounting*



LUCIMA



Pre-certified Gold



WELL Core Bronze
(TARGET)



Target EDGE Advanced
Net Zero by 2030
(TARGET)



BERDE 4-Star
(TARGET)



ARTIST'S PERSPECTIVE



LUCIMA

Envisioned to be the country's first quadruple-certified sustainable high-rise residential condominium, Lucima is a 37-story development that sits on 2,245 square meters of prime real estate at the corner of Cardinal Rosales Avenue and Samar Loop at the heart of the Cebu Business Park.

It has earned precertification for Leadership in Energy and Environmental Design™ (LEED™) Gold by the US Green Building Council. In addition, it is vying for EDGE (Excellence in Design for Greater Efficiencies), WELL™ (WELL Building Standard), and BERDE (Building for Ecologically Responsive Design Excellence) certifications.

Building Performance

(savings compared to sustainable building standards)



Water

20%
TARGET



Energy Savings

40%
TARGET



GHG Reduction

100%
TARGET by 2030

ARTIST'S PERSPECTIVE

Address

Cardinal Rosales Avenue corner Samar Loop, Cebu Business Park, Cebu City

Development Type

High-rise residential condominium

Gross Floor Area

28,119 sq.m.

Status

10% Construction completion

Certifications

LEED Precertified Gold, on track for WELL, EDGE, and BERDE

Sustainability Features:

- Double glazed, low-E glass building envelope
- Energy-saving air conditioning and lighting system
- Energy recovery ventilator with high-efficiency filtration system
- Air tight units
- Maximized natural ventilation and daylight
- Bathrooms equipped with smart exhaust
- Carbon monoxide monitors
- Forest Stewardship Council (FSC) certified wood materials
- Low-emitting and non-toxic building materials
- Building materials with recycled content
- Low-flow, water-efficient, and contactless plumbing fixtures
- Rainwater harvesting and recycling system
- Contactless technologies
- Landscaped deck with indigenous plants
- Potager Garden for fresh, nutritious, and organic produce
- Preferred parking for green vehicles and EV-charger ready parking slots
- Bicycle storage, shower facilities, and repair stations



SEVINA PARK

Sevina Park is the first and only master-planned mixed-use community in Southeast Asia to achieve Platinum certification for both LEED™ for Neighborhood Development and LEED for Homes categories.

A mixed-use community beside the DLSU Laguna Campus, Sevina Park is home to eco-friendly properties accessible to essential facilities, business, and industrial districts, key road networks into Metro Manila, including South Luzon Expressway (SLEX), Cavite-Laguna Expressway (CALAX), and Laguna Technopark.



Building Performance

(savings compared to sustainable building standards)



Water

20%
TARGET



Energy Savings

40%
TARGET



GHG Reduction

100%
TARGET by 2030

ARTIST'S PERSPECTIVE

Address
Cecilia Araneta Parkway,
Biñan, Laguna

Development Type
Mixed-Use
(Residential and Commercial)

Gross Floor Area
Land Area: 8.1 hectares

Status
Under Construction

Certifications
LEED Platinum

Development Sustainability Features:

- Transit hub with electric shuttle services
- Rainwater management
- Wastewater treatment and reuse system
- Energy-efficient infrastructure
- Proper lighting design to reduce light pollution
- Composting facility
- Security and safety command center
- Potager Garden for fresh, nutritious, and organic produce
- 60% Green and open spaces
- 7-minute walk to complete everyday comforts
- Highly walkable and bicycle-friendly neighborhood
- Home to endemic and endangered plants
- Solar reflective materials to mitigate the heat island effect



SEVINA PARK

The Sevina Park villas are limited-edition designer homes located in Sevina Park, Binan City, Laguna.

The villas are designed with green features that improve the well-being of its residents. All units are vying for EDGE Advanced certification while the 4-Bedroom Villa 182 Units are vying for an additional LEED certification.

Building Performance

(savings compared to sustainable building standards)



Water

20%
TARGET



Energy Savings

40%
TARGET



GHG Reduction

100%
TARGET by 2030

ARTIST'S PERSPECTIVE

Address

Cecilia Araneta Parkway, Biñan, Laguna

Development Type

108 limited-edition designer villas

Gross Floor Area

136-182 sq.m.

Status

Tranche 1 96% Construction completion; Amenity Pavilion 11% Construction completion

Certifications

LEED Platinum (Model Unit), Turnover units on track for LEED and EDGE

Villa Sustainability Features:

- Energy-efficient building envelope
- Energy-efficient lighting
- Solar energy system (four-bedroom villa 182 units only)
- Structurally ready to receive solar panels (two-bedroom villa 138 and three-bedroom villa 162 units)
- Low-flow water-efficient plumbing fixtures
- Low-emitting and non-toxic building materials
- Equipped with Wi-Fi-ready home automation system
- Seamless integration to lush courtyards
- Large operable windows
- Energy recovery ventilation with high-efficiency filtration systems (four-bedroom villa 182 units only)
- Optimized natural daylight and quality view



Savva Financial Center is a commercial real estate development claimed as the next-generation, ²⁴/₇ global business address. It has innovative technology, sustainability, and wellness features that help reduce operating costs and promote a healthier and more productive environment.

Strategically located within ARCA South, Savva Financial Center offers seamless access to new transportation networks such as the Southeast Metro Manila Expressway, Metro Manila Skyway, and the Taguig Integrated Terminal Exchange.

Savva Financial Center is soon to become a multi-certified green building. It has been precertified LEED™ Gold, precertified WELL™, and is on track for EDGE and BERDE certifications.

Building Performance

(savings compared to sustainable building standards)



Water

40%
TARGET



Energy Savings

40%
TARGET



GHG Reduction

100%
TARGET by 2030



ARTIST'S PERSPECTIVE

Address
Pulse Street, ARCA South,
Taguig City

Development Type
Grade A Office Condominium

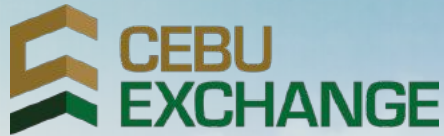
Gross Floor Area
59,868 sq.m

Status
North Tower 98% Construction
completion; South Tower 72%
Construction completion

Certifications
LEED Precertified Gold, WELL
Precertified, on track for EDGE
and BERDE

Sustainability Features:

- Double glazed, low-E glass building envelope
- Energy-saving air conditioning and lighting system
- Demand-controlled ventilation with a highly efficient filtration system
- Forest Stewardship Council (FSC) certified wood materials
- Building materials with recycled content
- Low-emitting and non-toxic building materials
- Low-flow, water-efficient, and contactless plumbing fixtures
- Rainwater and condensate water recycling systems
- Thermal camera and virtual concierge
- Contactless technologies
- Landscaped deck with indigenous plants
- Potager Garden for fresh, nutritious, and organic produce
- Preferred parking for green vehicles and EV-charger ready parking slots
- Bicycle storage, shower facilities, and repair stations



Cebu Exchange, Arthaland’s first venture in the southern Philippines, is a multi-awarded premium commercial office space and business ecosystem.

It is a multi-certified sustainable flagship development, earning precertifications from LEED™ (Gold), WELL™, and BERDE (Design 5-Star), and is on track for its EDGE certification.

Cebu Exchange is situated at the gateway of Cebu I.T. Park, Cebu City, one of the most preferred investment regions in the country. It is quickly emerging as one of the top global I.T. and Business Process Outsourcing (BPO) destinations.

Building Performance

(savings compared to sustainable building standards)



Water

40%
TARGET



Energy Savings

40%
TARGET



GHG Reduction

100%
TARGET by 2030



ARTIST'S PERSPECTIVE

Address
Salinas Drive, Lahug, Cebu City

Status
98% Construction completion

Development Type
Grade A Office Condominium

Certifications
LEED Precertified Gold, WELL Precertified, HSR, BERDE Design 5-Star, on track for EDGE

Gross Floor Area
108,564 sq.m.

Sustainability Features:

- Double glazed, low-E glass building envelope
- Energy-saving air conditioning and lighting system
- Ventilation with high-efficiency filtration system
- Building materials with recycled content
- Low-emitting and non-toxic building materials
- Low-flow, water-efficient, and contactless plumbing fixtures
- Rainwater, condensate water, and graywater recycling systems
- Thermal camera and virtual concierge
- Contactless technologies
- Landscaped deck with indigenous plants and organic produce
- Potager Garden for fresh, nutritious, and organic produce
- Preferred parking for green vehicles
- Bicycle storage and shower facilities



Arthaland Century Pacific Tower (ACPT) is Arthaland's flagship multi-certified and multi-awarded office development in Bonifacio Global City, Taguig City, Metro Manila.

As one of the most highly sought-after global business addresses, ACPT is a premium-grade office gaining international recognition and multiple awards. It is world's first EDGE Zero Carbon-certified project. In addition, it is LEED™ Platinum, BERDE 5-Star certified building, and on track for WELL™ certification.

Building Performance

(savings compared to sustainable building standards)



Water

57%
PERFORMANCE



Energy Savings

24%
PERFORMANCE



GHG Reduction

99.8%
PERFORMANCE



ACTUAL PHOTO

Address
5th Avenue corner 30th Street,
Bonifacio Global City, Taguig

Development Type
Premium Grade Office

Gross Floor Area
34,295 sq.m.

Status
Completed in 2018;
Operational in 2019

Certifications
LEED Platinum, EDGE Zero
Carbon, BERDE 5-Stars, ANZ/PH
Net Zero Energy, HSR, on track
for WELL

Sustainability Features:

- Triple and double glazed, low-E glass building envelope
- Energy-saving air conditioning and lighting system
- Demand-controlled ventilation with a highly efficient filtration system
- Carbon monoxide monitors
- Building materials with recycled content
- Forest Stewardship Council (FSC) certified wood materials
- Low-emitting and non-toxic building materials
- Low-flow, water-efficient, and contactless plumbing fixtures
- Rainwater and condensate water recycling systems
- Thermal camera and virtual concierge
- Contactless technologies
- Landscaped deck with indigenous plants
- Potager Garden for fresh, nutritious, and organic produce
- Preferred parking for green vehicles
- Bicycle storage, shower facilities, and repair stations



Arya Residences first and only residential building in the country to receive dual certification of LEED™ Gold and BERDE 4-Star. In addition, it has also achieved ANZ/PH 3-Star.

This two-tower luxury green condominium located at McKinley Parkway, Bonifacio Global City (BGC), Taguig City, has garnered several awards for its architectural refinement and environmentally sensitive design.

Building Performance

(savings compared to sustainable building standards)



Water

45%
PERFORMANCE



Energy Savings

66%
PERFORMANCE



GHG Reduction

29%
PERFORMANCE



ACTUAL PHOTO

Address
McKinley Parkway,
Bonifacio Global City, Taguig

Status
Tower 1 completed in 2013
Tower 2 completed in 2016

Development Type
High-End Residential

Certifications
LEED Gold, BERDE 4-Star,
ANZ/PH 3-Star

Gross Floor Area
74,284 sq.m.

Sustainability Features:

- Building orientation to scoop wind for better ventilation
- Balcony fins and ledges to serve as a sunshade
- Energy-saving air conditioning and lighting system
- Large operable windows
- Low-emitting and non-toxic building materials
- Building materials with recycled content
- Low-flow, water-efficient, and contactless plumbing fixtures
- Rainwater harvesting and recycling system
- Contactless technologies
- Landscaped deck with indigenous plants
- Potager Garden for fresh, nutritious, and organic produce
- Preferred parking for green vehicles
- Bicycle storage and shower facilities

Governance

As a sustainable business, Arthaland is deeply committed to the principles and practices of good corporate governance which serve as a guidepost in attaining our goals and objectives.

A system of stewardship and control guides the organization in fulfilling its long-term economic, legal, and social obligations to stakeholders. Our Board of Directors and Senior Management are accountable for ensuring ethical behavior and reconciling long-term customer satisfaction with shareholder value for the benefit of all stakeholders and society in general.

Name of Director	Directorship	Appointment Date
Ernest K. Cuyegkeng, 75	Non-Executive	21 May 2007
Jaime C. González, 76	Executive	21 May 2007
Jaime Enrique Y. González, 45	Non-Executive	24 June 2011
Christopher Paulus Nicolas T. Po, 51	Non-Executive	24 June 2011
Cornelio S. Mapa, Jr., 55	Executive	25 June 2021
Ricardo Gabriel T. Po, 54	Non-Executive	28 March 2012
Fernan Victor P. Lukban, 61	Independent	25 April 2011*
Hans B. Sicat, 61	Independent	30 June 2017
Andres B. Sta. Maria, 73	Independent	24 June 2016

**Mr. Lukban ceased to be a director of ALCO in 2016 but was reelected on 28 June 2019.*

Board of Directors

The Board is composed of directors with a collective working knowledge, experience, and expertise relevant to the real estate industry.

The stockholders, Board of Directors, officers, and employees believe that good corporate governance is necessary for sound and strategic business management. Accordingly, we promulgated and disseminated a Manual on Corporate Governance which institutionalizes the principles and practice of good corporate governance in the entire organization.

Board Committees

Executive Committee

The Board delegates some of its powers and authorities to the Executive Committee, composed of the Chairman of the Board, the President and Chief Executive Officer, selected Board directors, the Chief Finance Officer, and other officers appointed by the Board. The Executive Committee has adopted internal procedures which it faithfully observes in the conduct of its affairs.

Nomination Committee

Composed of at least three members of the Board, one of whom must be an Independent Director, the Nomination Committee reviews and evaluates the qualifications of all people nominated to the Board

and such other appointments which require Board approval. It prescreens and shortlists all candidates nominated to become a member of the Board following the qualifications outlined in the Corporation By-laws, in addition to the qualifications for membership in the Board provided in the Corporation Code of the Philippines, the Securities Regulation Code and other relevant laws.

Stock Option and Compensation Committee

Composed of at least three members, one of whom must be an Independent Director, the committee’s duties include establishing a formal and transparent procedure for developing a policy on executive remuneration and fixing remuneration packages of corporate officers and directors, providing oversight over the remuneration of senior management and other key personnel to ensure that compensation is consistent with the Company’s culture, strategy, and control environment.

Audit Committee

Composed of at least three members of the Board, at least two of whom shall be Independent Directors, including the Chairman, and preferably with accounting, auditing, or related financial management expertise or experience. Among the committee’s duties are the establishment of a robust process for approving and recommending the appointment, reappointment,

removal, and fees of the external auditor. In addition, the committee flags any potential conflict of interest situations, given the guidelines or policies on non-audit services, which could be viewed as impairing the external auditor’s objectivity.

Code of Business Conduct and Ethics

Arthaland fully recognizes that adherence to the highest standards of business conduct is vital to its growth, success, and attainment of its goals and objectives. The Company is therefore firmly committed to promoting a culture that fosters the values of fairness, transparency, accountability, and integrity in the conduct of its business. Each of its officers and employees is expected to observe with zealous intent the practice of these values in the performance of their duties, in their relationships with teammates, and in all dealings with stakeholders.

The Company has a Code of Business Conduct and Ethics that serves as the constant and consistent guide for employees’ actions and decisions. The Code is reviewed annually or as may be deemed necessary by the Board of Directors. Officers and employees who fail to comply with the standards and abide by the values outlined in the Code face disciplinary action, including termination.

Management Team

Jaime C. González

Vice Chairman and President

Cornelio S. Mapa Jr.

Head of Finance Group

Christopher G. Narciso

Head of Business Operations Group

Aristides Antonio C. Gonzales

Head of the Business and Project Development Department

Oliver L. Chan

Head of Marketing and Sales Operations
President and General Manager of Arthaland Prestige Property Solution*

Gabriel I. Paulino

Head of Technical Services

Sheryll P. Verano

Head of Strategic Funding and Investments and Investor Relations Officer

Riva Khristine V. Maala

Corporate Secretary, General Counsel, and Compliance Officer

Ferdinand A. Constantino

Chief Finance Officer

Marivic S. Victoria

Deputy Chief Finance Officer

Leilani G. Kanapi

Head of Procurement Department

Ma. Angelina B. Magsanoc

Head of the Marketing Department

Edgar V. Sabidong

Chief Sustainability Officer

Clarence P. Borromeo

Head of the Information Technology Department and Data Privacy Officer

Joseph R. Feliciano

Head of Internal Audit and Risk Management Department

Katrina Elaina G. Marban

Head of Human Resource and Administration

**Arthaland Prestige Property Solution (APPS) is the property management arm of Arthaland, formerly known as Emera Property Management Inc.*

Corporate Information

ARTHALAND CORPORATION

7F Arthaland Century Pacific Tower
5TH Avenue corner 30TH Street, Bonifacio Global City
1634 Taguig City, Philippines

ARTHALAND GALLERY

Arya Plaza at Arya Residences
McKinley Parkway, Bonifacio Global City
1634 Taguig City, Philippines

ARTHALAND GALLERY

Sevina Park, Cecilia Araneta Parkway
4024 Biñan City, Laguna, Philippines

ARTHALAND GALLERY

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