artesian

2021/22

Impact Annual Report

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01 Overview

Who we are, what we stand for and our outlook on the future of responsible investment.

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Commitment from Leadership

Becoming a B-Corp

Jeremy Colless
Co-Founding Partner

Matthew Clunies-Ross
Co-Founding Partner

John McCartney
Co-Founding Partner

Mei Lee
Partner

Tim Heasley
Partner

Vicky Lay
Partner

Luke Fay
Partner

Gilles Plante
Partner

Stuart Fox
Partner

David Gallagher
Partner

Felix Zhang
Partner

We are pleased to share that Artesian has successfully certified as a B-Corporation. The rigorous verification process is an opportunity to apply our impact approach on ourselves, demonstrating our corporate operations reflect the commitment to social and environmental sustainability that we apply to our investments.

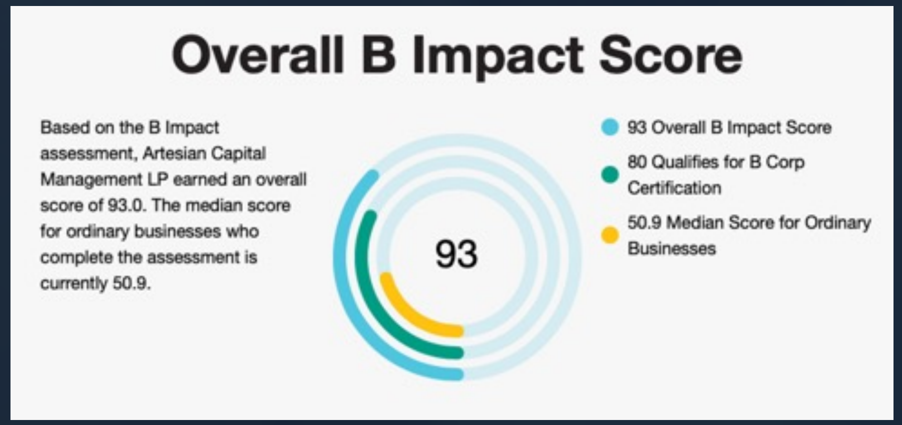
Artesian has always invested through the lens of impact, but in 2019 we formalised our responsible investment philosophy across all of our business, and committed to sustainable and impact investing across our venture capital and fixed income strategies.

The next step was to look internally and commit our company-wide operations to the highest sustainability standards, guided by the principles of becoming a B-Corporation.

Certified B-Corps are a community of companies all meeting the highest standards of social and environmental performance.

They've all submitted to a rigorous assessment process, verifying the impact they have on the world, and adhering to measures of transparency and accountability.

It's not an easy process, we began in 2019 and in 2022 Artesian finally achieved an overall B Impact Score of 93.0, outperforming the 50.9 median score for ordinary businesses and the minimum 80.0 criteria for qualification.



We went right back to our core principles, and to our company constitution, to embed our mission as an immutable driving force.

As responsible investors, we are committed to considering all stakeholders, not just shareholders, in our investment decision-making and purpose as an organisation.

But it's not enough just to say it, to show true leadership and commitment, you need to build it into your foundations.

By working through an in-depth verification process, we assessed over 200 factors across Governance, Workers, Community, Environment and Customers. The process itself helped us examine our processes more deeply, and further reduce our impacts.

Being a responsible investor, we were able to leverage our know-how in measuring and managing environmental and social factors when we turned the analysis process on ourselves.

We're proud of what we've achieved, and we're excited to join a community of the world's most progressive companies, to drive a more sustainable economy.

Impact Forward

John McCartney
Co-Founding Partner, Head of ESG

Vicky Lay
Partner, Head of Impact Investments

Mei Lee
Partner, Head of Operations

The Inherent Link Between Risk/Return and Impact

As stewards of capital, it is our fiduciary duty to ensure that we are conscious of the risk/return trade off for our investors.

Our journey managing assets has brought us to a place where we see that two-dimensional investing of risk vs return is an analogue view of what has become a digital world.

Investors and stakeholders are now asking how their capital is being used – with red lines being drawn around assets that have negative effects on society and the environment.

Investors, governments, and regulators are taking aim at business models that generate negative externalities. Businesses that generate pollution and/or support inequality, focusing solely on shareholders (at the expense of other stakeholders), are finding capital drying up. With the dramatic growth in United Nations Principles of Responsible Investment (UNPRI) signatories and assets under management (AUM), the difficulty for these types of businesses to attract capital to fund their operations will only proliferate.

Furthermore, new business models are being developed and tested in venture capital markets – where impact is the mission – and are attracting talent and capital that is trying to solve historically intractable problems using the new technologies that can scale globally.

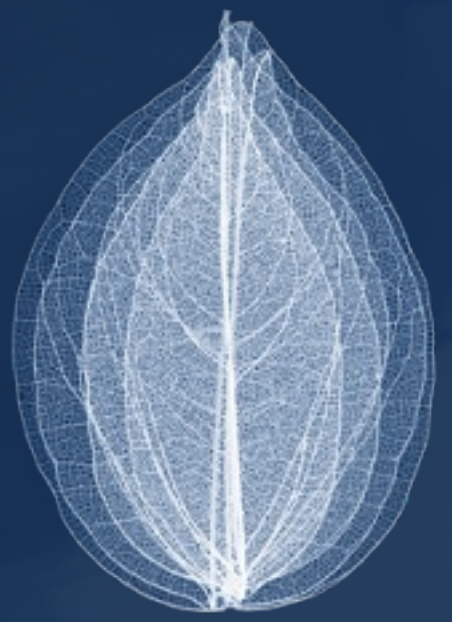
Simultaneously, we have seen the global capital markets innovate green and sustainable financing – with the green and sustainable bond market growing exponentially as government and corporate institutions raise money to reduce their environmental and social impacts.

Huge datasets are being created on new platforms, like social media, that give us better insights into how populations move and think. As new sensors are deployed, we get better more granular information on how our economic activities impact the environment around us and the society we live in.

Combining this with artificial intelligence and the toolbox for solving seemingly intractable social and environmental problems seems possible. Moreover, if companies can align profit motives with impact rationale – capitalism will provide pathways to transform the economy onto a more sustainable footing.

This journey has only just begun to show us that returns are inherently linked to the impacts a company makes. Considering and responding to the stakeholders in your business model doesn't just make you a better corporate citizen – it makes you a more profitable company and a better investment.

Artesian has equipped its business to track and collate the impact that our investments are making – as we see that as the north star that will drive alpha.



Impact Forward

Certified B Corporation

Highest standards of social and environmental performance

$1bn+ responsible assets

Net zero across our operations

$100m for female founders

2021/22: A Year in Review

We are proud to share our impact highlights for the 2021/22 reporting year:

- Certifying as a B-Corporation;
- $1bn+ in responsible assets under management[1];
- Achieving Scope 1 and 2 Net-Zero carbon emissions across our operations;
- Public disclosure of our gender pay gap and 6 weeks added to our paid maternity leave policy;
- Launch of the Artesian High Impact Green Debt Fund in North America;
- Launch of the $50m Grain Innovate fund to support Australian grain growers, in partnership with the Grains Research and Development Corporation (GRDC);
- Launch of the $100m Artesian Female Leaders VC Fund, Asia Pacific's first dedicated Series A and Series B fund for women entrepreneurs;
- 99% growth in investments in green, social and sustainable issues across our fixed income business;
- 78.21% increase in our investments in SDG-linked startups, scaleups and solutions.

2022/23: The Year Ahead

Looking ahead to 2022/23, we seek to:

- Build upon our sustainable and impact investment focus, by continuing to develop products that align with our clients' values of integrating environmental, social, and governance (ESG) and impact into capital allocation decisions;
- Deepen our impact data collection, measurement, and management processes, with input from stakeholders;
- Contribute to responsible investor education around impact and the myriad ways of implementation, measurement and assessment;
- Encourage greater ESG disclosure across our portfolios, particularly in the disaggregated startup sector;
- Mitigate any material operational risks within our business where possible and continue to improve and publicly report on our own internal impact metrics.

1. The Australian dollar is Artesian's impact reporting currency.

ABOUT ARTESIAN

Company Overview

Artesian	AUM
2004 Founded	$1 Billion
Alternatives Investment Manager	Debt $460M VC $540M

Venture Capital, Public and Private Debt Investment Specialists

>650
Startup Investments

Asia Pacific Focus with Global Perspective

Artesian is a global alternative asset manager focused on public and private debt, venture capital and impact investments:

- 44 employees in 8 cities;
- Specialist public & private debt manager with an ESG focus;
- The most active early-stage VC in Asia Pacific with >650 startup investments in Australia, NZ, SE Asia and China;
- Venture Capital as a Service (VCaaS) platform for government organisations, corporations and industry groups;
- Vertically integrated accelerators to build sustainable innovation ecosystems;
- Transformational impact investments with compelling risk/return metrics.

ABOUT ARTESIAN

Responsible Investing Evolution

Market and Firm Impact Highlights Over the Years

The rapid growth of the green and sustainable bond market has coincided with the rise of mission-based start ups in Venture Capital and the growth of assets under the UNPRI umbrella has gone from US $4tn in 2006 to US $120tn in 2021.

2004

Artesian founded as a fixed income credit specialist

2006

UN launches the Principles of Responsible Investing

2007

EIB launches first green bond

2009

Global Impact Investment Network (GIIN) formed

Artesian starts investing in the Australian early-stage VC ecosystem

2011

- Launches Sydney Angel's Sidecar Fund #1 Australia's first early-stage co-investment seed fund
- Artesian starts investing Partners' capital in early-stage VC in China

2013

- IFC issues first US $1bn green bond
- Vasakronan (Sweden) issues first corporate green bond
- Massachusetts issues first municipal green bond
- Solar City (Tesla) issues first solar (green) ABS bond

2014

- Artesian partners with BlueChilli Australian impact accelerator
- Launch of Australian Fund of Funds (AFOF) #1

2015

- Global green bond market hits US $100bn outstanding
- UN sets the Sustainable Development Goals (UN SDGs)

2017

Launch of Climate Action 100+ (climate engagement with investors)

- Australian Corporate Bond Fund (Negative Screening / ESG overlay)
- Artesian HP Late-Stage VC fund #1
- iAccelerate Fund launched
- Sprout X Fund launched
- Artesian (HP) China VC fund launched
- Sydney Angels Sidecar Fund #2
- Clean Energy Seed Fund

2018

- Artesian becomes a UN PRI Signatory
- The MedTech Actuator
- Artesian HP China VC Fund #1

2019

- AFOF #2
- Grains Trust
- AmatilX
- Contiguous VC Fund
- Boab AI

2020

Green bond market hits over US $1tn outstanding

- Galileo VC Fund
- SAVCF
- Australian Green & Sustainable Bond Fund

2021

- High Impact Green Bond Fund
- Female Leaders VC Fund

2022

B-Corp Certification

ABOUT ARTESIAN

Materiality

SASB has identified the issues that are considered material in capacity to effect enterprise value. 4 out of 26 are identified for the asset management industry – looking inward at our exposures:

Selling Practices and Product Labeling: Our products contain robust disclosures that meet all regulatory requirements. We ensure clients understand our product offerings through multiple engagements with our deep bench of the senior investment professionals who manage those products. Indeed, part of our product suite is the result of direct collaboration with investors and institutions to design financial and strategic solutions to meet their needs. Artesian appreciates the importance of aligning long-term interests across all our major stakeholders to secure success.

Employee Engagement / Diversity and Inclusion: Financial markets (both public and private) has a historical narrative of being piloted by white men - a process we have been trying to turn away from at our firm for several years. Our gender and ethnic mix is improving with 45% of our staff identifying as non-white and 27% of the firm is female.

Product Design and Lifecycle Management: Artesian acknowledges the self-evident importance of incorporating ESG analysis as part of our investment process. As part of this process, management infrastructure is in place to share information across the firm and beyond, into the market and wider community, to advance understanding on the topic. Furthermore, we have dedicated investment products that focus on specific impact verticals that lean in on one or several ESG factors.

Business Ethics: While our business is global in nature, we choose to operate in only a handful of countries. These jurisdictions are chosen for the rule of law, respect for capital, and regulatory frameworks which are well established to ensure we can operate with the high standards that our clients expect. In addition, Artesian's high internal standards have been B-Corp certified, and we are signatories to the UNPRI.

SASB Materiality Mapping for Asset Managers

Environment	Social Capital	Human Capital	Business Model & Innovation	Leadership & Governance
Greenhouse Gases (GHGs)	Human Rights & Community Relations	Labor Practices	Product Design & Lifecycle Management	Business Ethics
Air Quality	Customer Privacy	Employee Health & Safety	Business Model Resilience	Competitive Behavior
Energy Management	Data Security	Employee Engagement, Diversity & Inclusion	Supply Chain Management	Management of the Legal & Regulatory Environment
Water & Wastewater Management	Access & Affordability		Materials Sourcing & Efficiency	Critical Incident Risk Management
Waste & Hazardous Materials Management	Product Quality & Safety		Physical Impacts of Climate Change	Systemic Risk Management
Ecological Impacts	Customer Welfare			
	Selling Practices & Product Labeling			

Beyond the materiality relevant to Artesian as an asset manager - there are material impacts that our investments have on the environment and society. For Artesian, we are seeking to generate positive impact with the capital we deploy – thus environmental, social and governance issues are material opportunities for our portfolios. Artesian looks to map our positive impact investment thesis to their relevant impact thematic and report to investors on our progress on an annual basis.

	Venture Capital				Fixed Income		
	MedTech	AgTech	CleanTech	AI & Agnostic	ESG Corporate Bond Fund	Green & Sustainable Bond Fund	High Impact Green Bond Fund
Climate		✓	✓		✓	✓	✓
Gender	✓	✓	✓	✓	✓	✓	✓
Food Security	✓	✓					
Biodiversity		✓			✓	✓	✓
Animal Welfare	✓	✓					
Human Rights (Modern Slavery)	✓	✓	✓	✓	✓	✓	✓
DE&I	✓	✓	✓	✓	✓	✓	✓
Resource Usage		✓	✓			✓	✓

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ABOUT ARTESIAN

Team

VENTURE CAPITAL

- **Jeremy Colless** – Partner
- **Luke Fay** – Partner
- **Vicky Lay** – Partner
- **Ali Clunies-Ross** – Portfolio Manager
- **Gilles Plante** – Partner
- **Felix Zhang** – Partner
- **Tim Heasley** – Partner
- **Melody Zhang** – Director
- **Robert Williams** – Director
- **Ananya Sinha** – Analyst
- **Stuart Fox** – Partner
- **Rohan Gray** – Portfolio Manager
- **Richard Case** – Managing Director
- **Fiona Zheng** – Analyst
- **Nayoko Wicaksono** – Analyst
- **David Rohrsheim** – Portfolio Manager SAVCF
- **Kirsten Bernhardt** – Investment Manager
- **Channing Chen** – VC & Legal Analyst
- **Diana Tong** – Analyst
- **Shane Masters** – Managing Director
- **Guy Newton** – Director VCaaS
- **Kaushalya Gunatilaka** – Head – Partnership & Community
- **Andrew Lai** – Managing Director Boab AI
- **Will Smith** – Analyst
- **David Spencer** – Analyst

DEBT

- **Matthew Clunies-Ross** – Partner
- **John McCartney** – Partner
- **David Gallagher** – Partner
- **Kurt Tan** – Managing Director
- **Nikolas Koukiasas** – Portfolio Manager
- **Johny Tjheng** – Director
- **Mark Bytheway** – Director, ESG Research
- **Rory Macintyre** – Director, Distribution
- **Lachlan Hart** – Fixed Income Analyst
- **Dylan Er** – Investment Analyst

OPERATIONS & ADMINISTRATION

- **Mei Lee** – Partner
- **Pankaj Khanna** – Chief Financial Officer
- **Connor Hughes** – Chief Technology Officer
- **Kate Robinson** – Senior Lawyer
- **Tam Nguyen** – Fund Administration
- **Jenny Chu** – Group Accountant
- **Mary Angelle Cansicio** – Financial Accountant
- **Rosalita Fortunato** – Accountant
- **Fhiel Adrian Angeles** – Data Analyst

- Sydney
- Melbourne
- Adelaide
- Singapore
- Jakarta
- Shanghai
- London
- New York
- Remote

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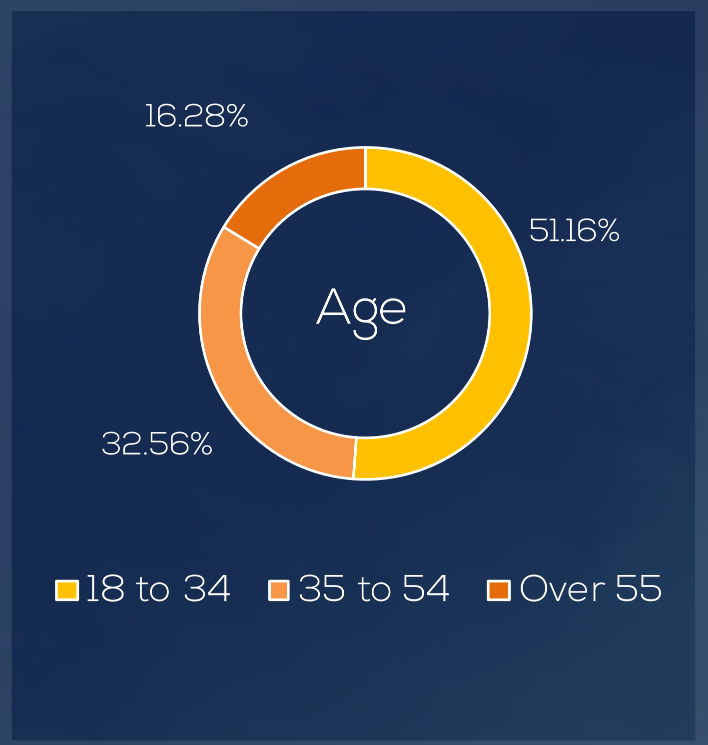
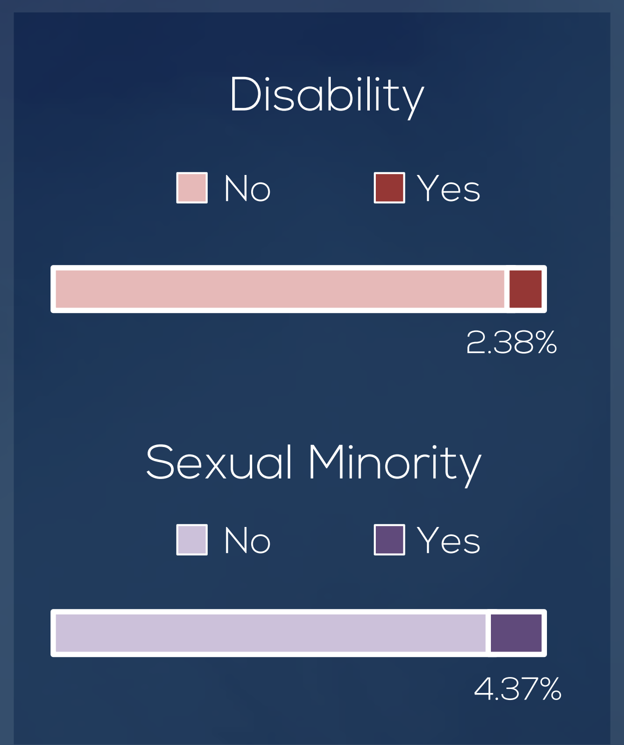
ABOUT ARTESIAN

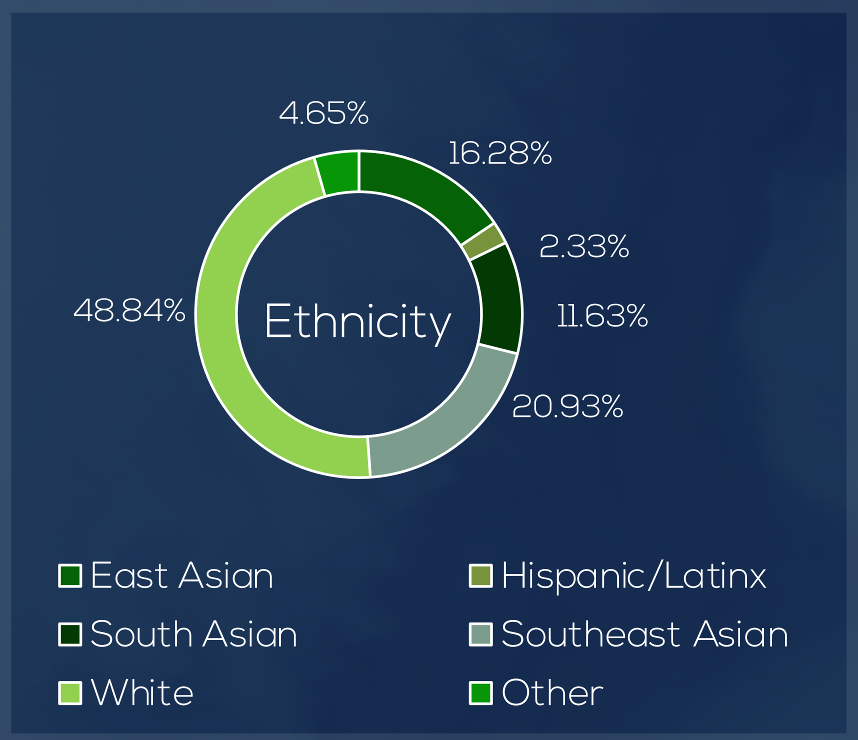
Team

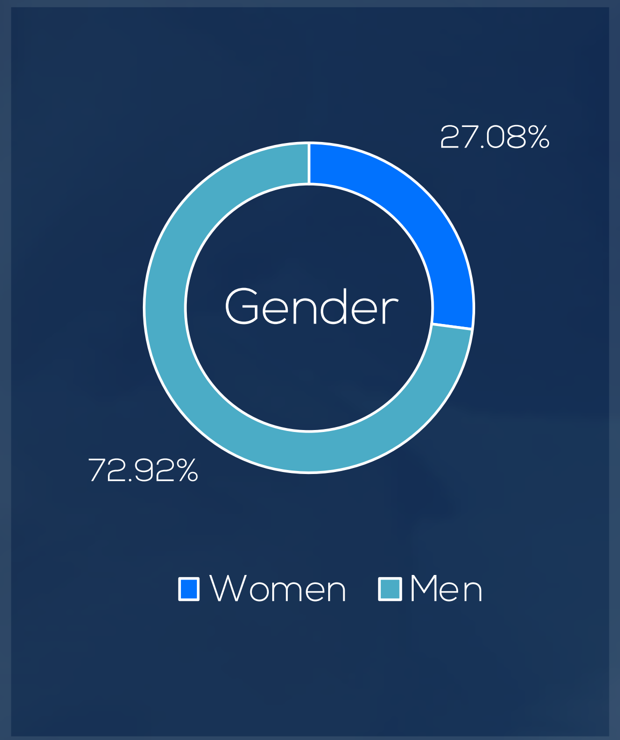
Diversity Breakdown of Artesian Employees

Diversity is any characteristic, perspective, or approach to work that different people bring to the workplace. Globalisation has created evolving social, cultural, and political norms as well as changing demographic and immigration patterns. It has shifted workforce demographics and client compositions in almost all industries and sectors. To gain and maintain a competitive edge, organisations need people who can best serve their clients. This must be people selected, developed and treated based on merit and fairness. At Artesian, we have always worked at treating all of our team based on merit and fairness, but we know that we are not perfect. Our disclosure is the first step to setting goals, helping us frame the problem so we can measure, analyse and address the issues identified.









Gender Pay Gap Disclosure

"The gender pay gap measures the difference between the average earnings of women and men in the workforce. The gender pay gap is an internationally established measure of women's position in the economy in comparison to men."
– Workplace Gender Equality Agency, Australian Government

While we acknowledge that we still have work to do, we seek to publicly and transparently disclose our gender pay gap and commit to taking the necessary steps to close it over time.

BASE SALARY PAY EQUITY % :

82%

Organisational Gap of 18%

8% IMPROVEMENT (YOY)

Advancing **Equality Calculator**

Australian Government | Workplace Gender Equality Agency

Methodology:
For our inaugural analysis, we have collected data from our Australian offices (where 60%+ of full-time employees are based) and will expand analysis to international offices next year.

Results:
We are pleased to report an 8% improvement in our organisational gender base pay gap from 31 December 2020 to 2021. At 18% we are ahead of our peers in the professional services industry (averaging 24.4%) but underperforming the national average (13.8%).

"Only what gets measured, gets managed." - Peter Drucker

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ABOUT ARTESIAN

Oversight

At Artesian, the 5Ps that drive our actions are:

Purpose

By investing with purpose, we are accountable for both the financial and impact outcomes of our investment decisions. It is critical that both the financial and impact outcomes are measurable and that we report them transparently.

Planet

When the long-term health of the planet is prioritised, everyone benefits. Artesian believes that innovation and technology have a deflationary effect on the cost of infrastructure required to address critical global issues like climate change. Innovation and technology can also ensure a rapid and scalable delivery of solutions, given the existing time constraints, to mitigate climate crisis.

Profit

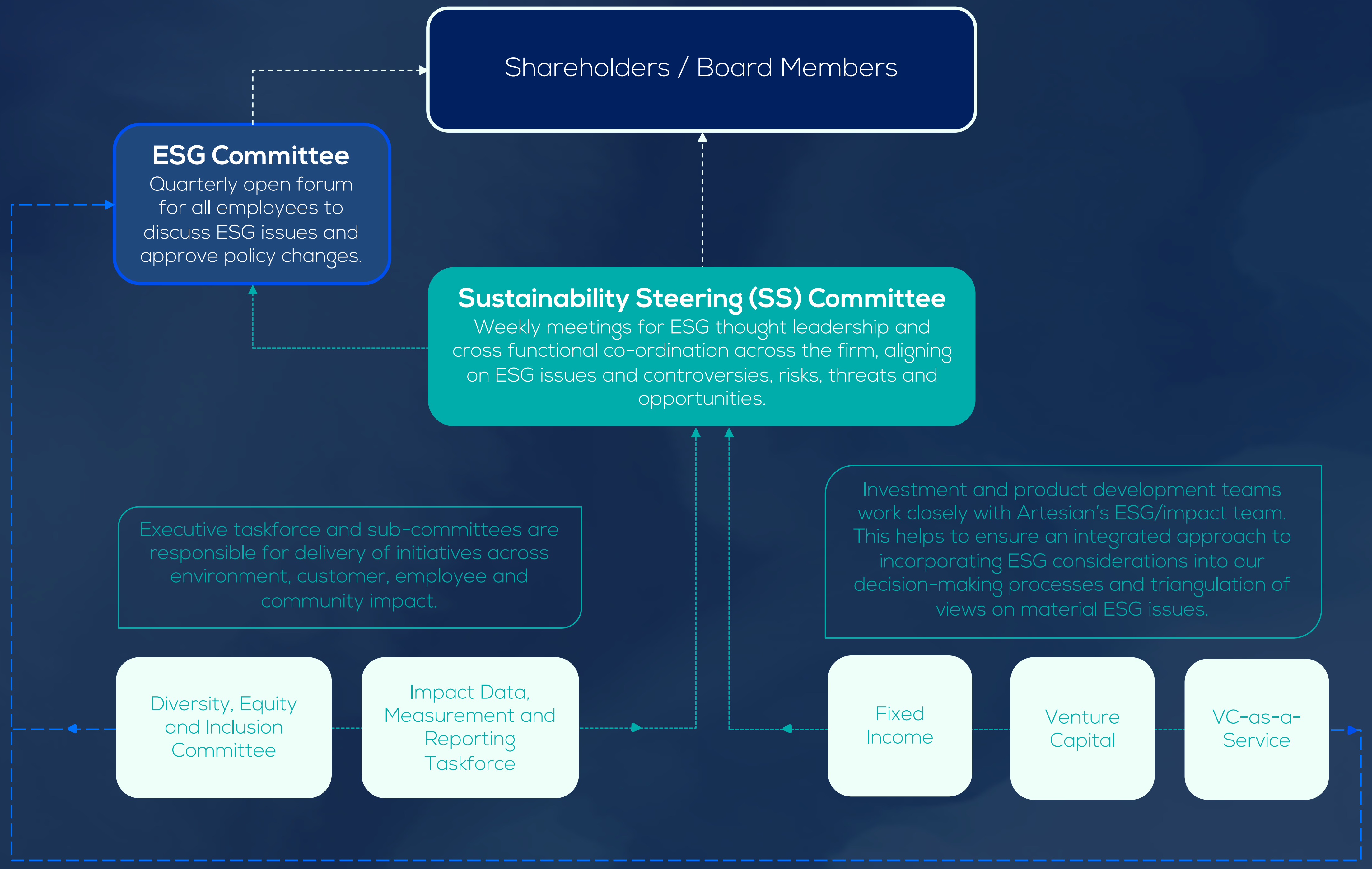
Profit is a downstream result of successfully addressing critical global challenges. While profit alone is a hollow outcome, when combined with renewability, equality and scalability, it ensures sustainability. Artesian believes that sustainable outcomes deliver profits that can be re-invested to ensure the continuation of virtuous cycles.

People

Artesian is only as good as its people, and our success depends on an ability to attract and retain a diverse team that aligns their unique talents to a shared vision. Externally, our approach is reflected in the selection of founders, teams and companies in which we invest. Diversity, social equality, governance and economic empowerment are our key areas of focus.

Product

Artesian's products are developed through building a deep understanding of market failures and the investors motivated to address them. As financial market experts, we design products that address the challenges and opportunities presented by these market failures, generating impact and optimising financial returns.



"Artesian acknowledges the value that ESG materiality analysis brings to the investment and risk management processes, but it is impact outcomes that will drive regulatory reporting, capital conviction and returns going forward."

John McCartney
Co-Founding Partner,
Head of ESG

02
Our Approach

How we deliver financial and strategic returns through the lens of ESG and impact.

IN THIS SECTION

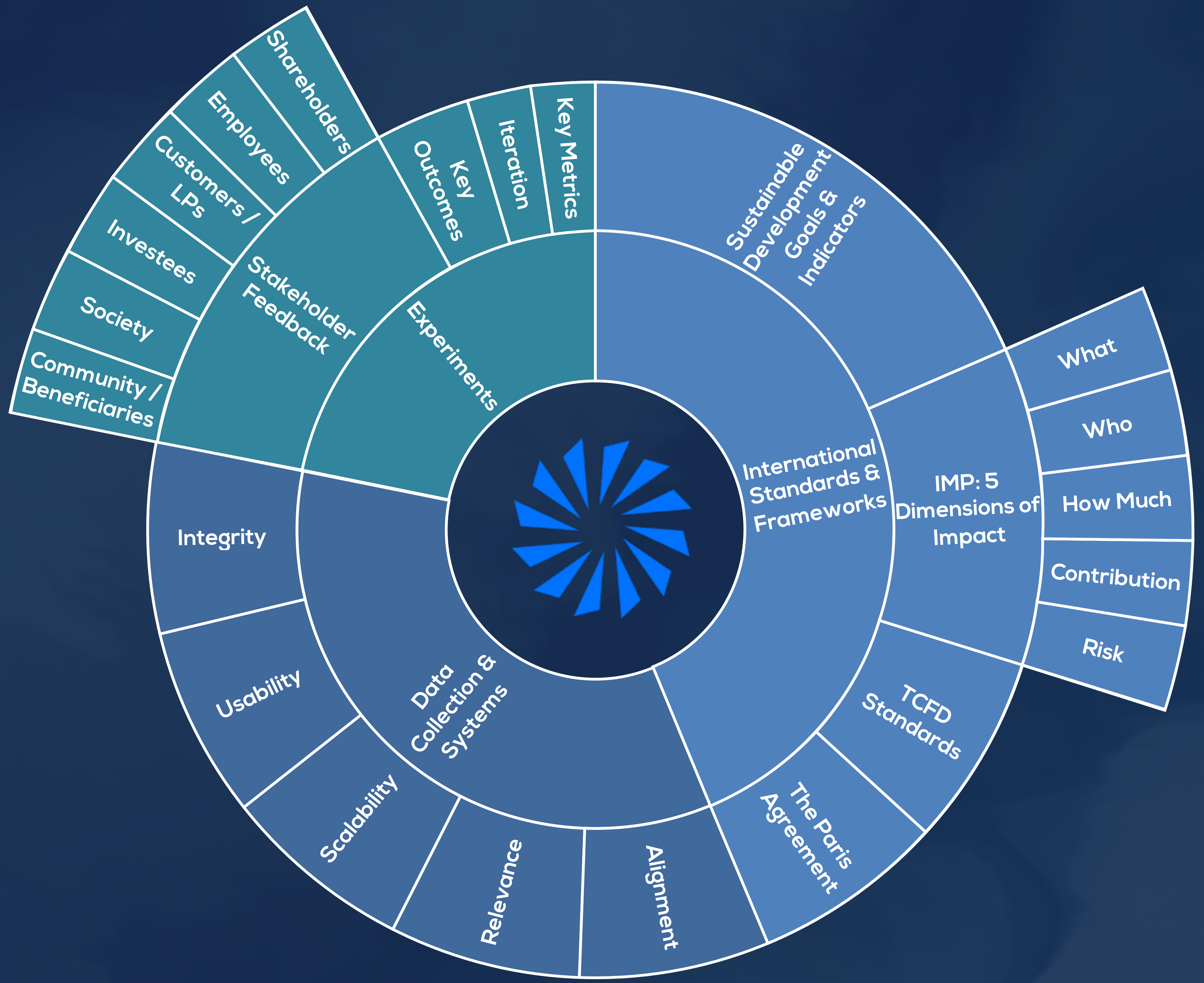
Driving Impact Results

Strategic Framework: Measuring & Managing Impact

"Measuring and managing impact correctly requires a thoughtful process of experiments, relevant data systems, stakeholder feedback loops, and alignment with best of breed standards and frameworks."

Vicky Lay
Partner, Head of Impact Investments

Artesian's Impact Measurement and Management Framework



Driving Impact Results

Artesian's Theory of Change

Input

Artesian invests:

- Capital
- Domain expertise
- Knowledge & networks
- Platform & infrastructure
- Technical support

Activity

...in SDG-linked securities & solutions:

- Venture capital
- Public debt
- Private debt

Output

...to achieve risk-adjusted returns for investors and demonstrable, measurable impacts for society:

- Climate/clean energy
- Food security
- Health & well-being
- Education
- Women's economic empowerment

Outcome

...which contribute to:

- Innovation and scalable technology solutions
- Climate change mitigation, adaption and resilience
- Inclusive development and economic growth
- Gender equality

... in alignment with the 2030 Global Goals.

SUSTAINABLE DEVELOPMENT GOALS

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Informing Investment Outcomes

Responsible Investment Commitment

Signatory of:

PRI Principles for Responsible Investment

For Artesian, responsible investing means incorporating into our investment process consideration of the actions and impacts on stakeholders from our investments.

A fundamental cornerstone of Artesian's strategy is to build a sustainable investment platform delivering long-term performance.

Artesian believes that a proactive approach to responsible investment issues and drivers provides advantages to our business, investment performance, customers and employees. The benefits include risk mitigation, greater long-term performance and a sustainable and responsible business.

Artesian has committed to adopting and implementing the UN's six Principles for Responsible Investment across its business and for each investment strategy.

The Principles are not a set of prescriptive rules and are to be applied as appropriate within each asset class and investment approach. They provide a robust and widely endorsed framework through which investors can incorporate ESG issues into their decision-making and ownership practices, and as such, they inform Artesian's investment processes.

Artesian commits to adopting and implementing the six Principles for Responsible Investment:

Principle 1

We will incorporate ESG issues into investment analysis and decision-making processes.

Principle 2

We will be active owners and incorporate ESG issues into our ownership policies and practices.

Principle 3

We will seek appropriate disclosure on ESG issues by the entities in which we invest.

Principle 4

We will promote acceptance and implementation of the Principles within the investment industry.

Principle 5

We will work together to enhance our effectiveness in implementing the Principles.

Principle 6

We will each report on our activities and progress towards implementing the Principles.

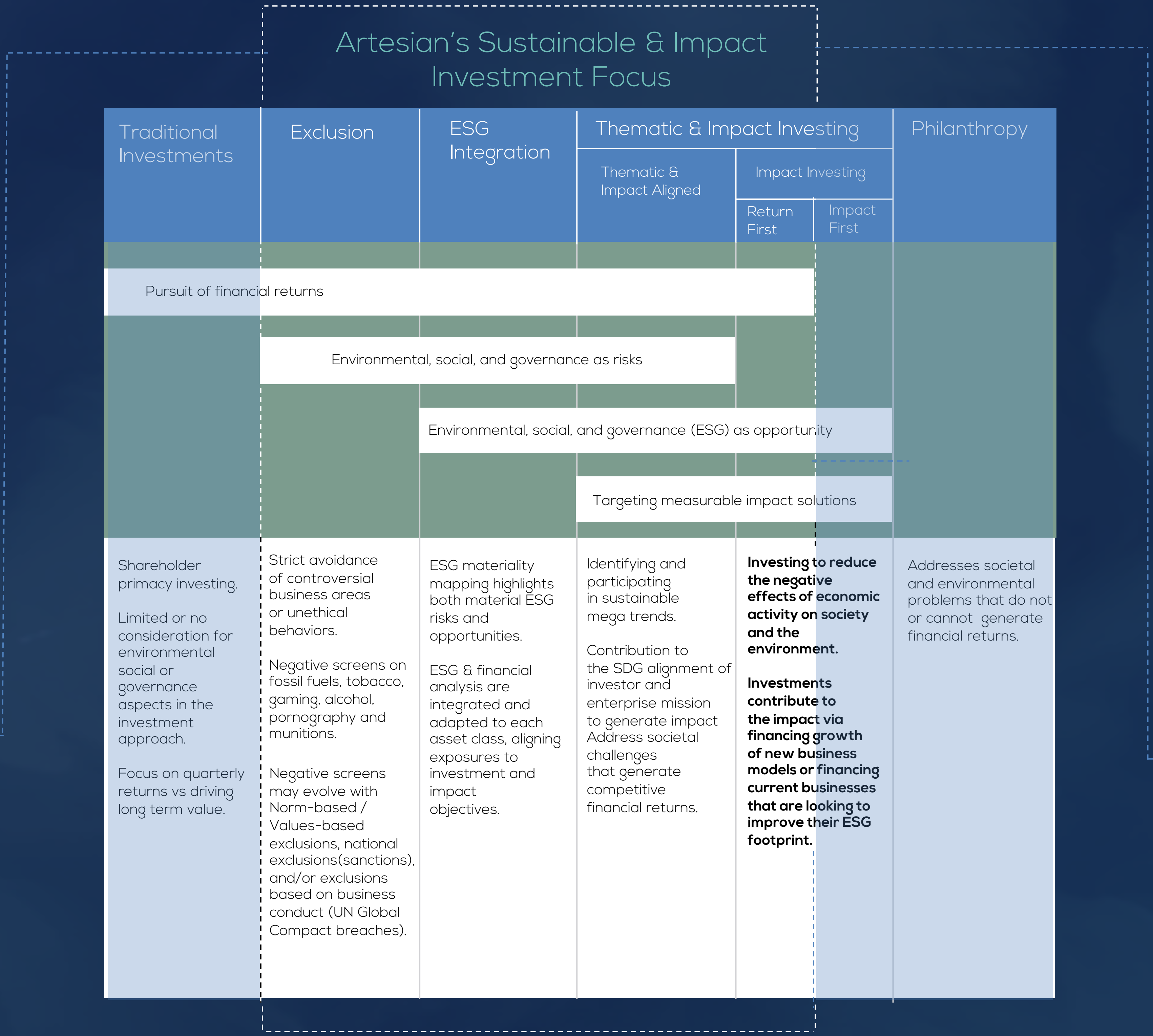
Informing Investment Outcomes

Artesian's Sustainable and Impact Investment Focus

ESG considerations broaden analysis and consideration of how companies operate and the outcomes of this. It requires a deeper and broader analysis than balance sheet numbers and relative value analysis. This includes consideration of matters such as where a company sources its power, how it treats its employees and the diversity of its board. ESG issues are universal and apply to companies across the private and public markets.

Material ESG considerations may include both risks and opportunities, requiring integration into both the initial investment process and the ongoing management of the asset.

Impact investing goes beyond the manner in which the company conducts itself – it is tying a company's product, service or security to an impact thematic or outcome. As technology and data advances, the market gains the ability to track strategically important outcomes. Institutions will look to regulators to embed this into corporate reporting, which will allow investors to compare impact outcomes across industries. As such, we see impact driving capital flow as both strategic and financial investors gravitate to business models that are impact to profit.



Exclusions Screens

- x Fossil Fuels
- x Tobacco
- x Gaming
- x Alcohol
- x Pornography
- x Munitions

Positive Screens

- ✓ ESG positive filter
- ✓ Impact measurement
- ✓ Positive gender bias
- ✓ Climate focus
- ✓ Preference for green, social, and sustainable securities

Informing Investment Outcomes

Integrating ESG Considerations into our Investments

At Artesian, we believe that consideration of ESG issues is critical the success of a company, enhancing their ability to identify potential growth areas and manage risks.

We evaluate and incorporate risks and opportunities from potentially material ESG factors, including climate change and gender representation, into our investment processes and engagement approach.

These inherent ESG considerations can substantially affect our assessment of a company's value and risk profile, and thus, are vital in influencing decision making pre and post-investment.

Venture Capital

Screening

Identify excluded activities and ESG-related 'fatal flaws' during early investment reviews that cannot be resolved through engagement.

Due Diligence

Assess potential material ESG risks and opportunities.

Ownership & Monitoring

Engage with investee companies on an ongoing basis to oversee ESG issues as the business grows.

Follow-On Investments

Re-assess ESG risks / opportunities during follow-on rounds through to exit scenarios.

Fixed Income

Screening

Mandate-driven screening based on sectors deemed as generating negative externalities for society and the environment. Positive bias towards green, sustainable, social and sustainability linked securities.

Due Diligence

Consult materiality mapping to assess potential ESG risks and opportunities for the given sector. Engage with the company where possible and write up an ESG company profile. Appraise and weigh impact estimates / KPIs of any green, sustainable, social and sustainability linked securities.

Ownership & Monitoring

Engage with investee companies and other investors to debate ESG issues and measurement. Consult with wider market, syndicate desks and industry groups to forward impact goals embedded in investment mandates.

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Impact Processes

Measuring Impact: Methodology & Data Collection

Public Markets

Data collection on the impact of deployed capital relies on corporate disclosure. We draw on the quality of information provided in public markets to direct our efforts in private markets. To this end we focus on climate and gender – probing our investee companies to give us metrics that can be compared across the public and private markets spectrum.

Corporate disclosures allow management to communicate the firm's performance and value to outside investors, other stakeholders, and the public.

The demand for detailed information on corporate sustainability has grown as ESG risk and opportunities have proven to impact financial performance. In public markets this is of key interest given regulatory scrutiny around reporting false or misleading statements. Company reporting can be a puzzle with reports issued under a variety of ESG topics such as governance, social responsibility, climate change, strategic vision and more.

Artesian's approach to corporate disclosures looks at 3 levels:

1. **Issuer** – annually reported data from public companies gives us guidance on all the activities a company is engaged in. Using industry templates, we can seek similar disclosures from private companies in our portfolios on a more regular (say quarterly) basis. Impact metrics and narrative may be opaque and require scrutiny.

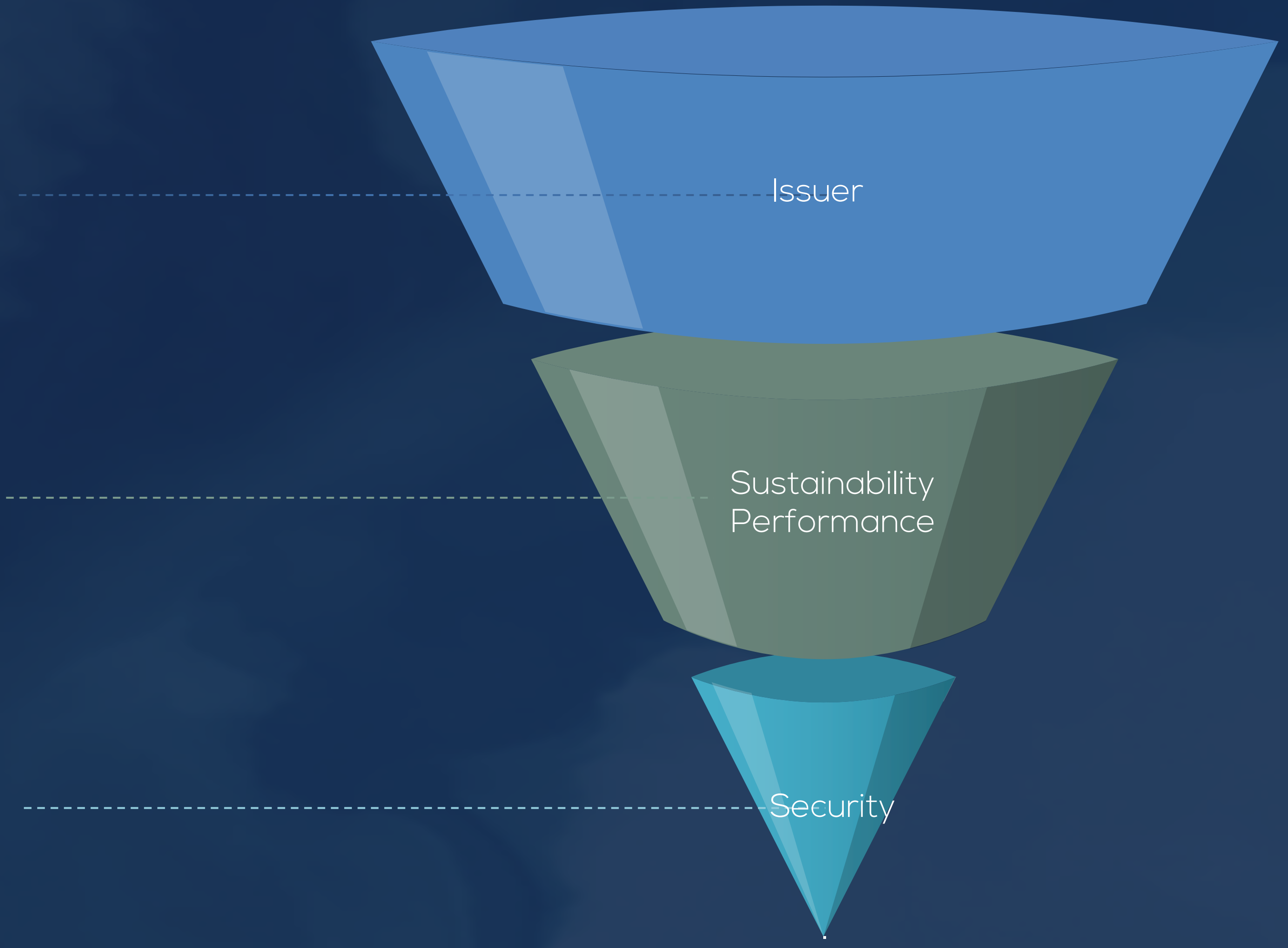
2. **Sustainability Performance Targets** – monitor KPIs that companies set around sustainability goals. This can come in the form of project factsheets or be combined into issuer or security level disclosures. Data provides clarity for engagement with the company.

3. **Security** – gives a direct line of sight to what impact our investor's capital is making. We require annual use of proceeds reports from bond issuers, so we can analyse and report back to our investors on the impact their capital is making. Impact metrics and methodologies have normally also been scrutinised by consultants which adds another layer of oversight.

Our corporate bond exposures are the result of negative screening combined with a positive ESG overlay and a preference for green, sustainable and social securities. This preference for labelled bonds means we derive most of the impact data at the security level.

"We believe that measurability of ESG impacts is paramount to legitimising ESG-driven investment strategies, and to enable our stakeholders to appreciate the intrinsic value of each investment we make in the absence of a universal ESG impact measurement system."

Lachlan Hart
Fixed Income Analyst



Impact Processes

Measuring Impact: Methodology & Data Collection

“Given the breadth of our portfolio, from established corporates to early-stage startups, and instruments that vary between debt and equity; investment considerations are tailored to the type and structure of the investment. Likewise, our approach to measuring impact is guided by industry-accepted frameworks but are adapted to the type of investment at hand. Our goal is to strike a balance on scalability, data integrity, and usability.”

Kurt Tan
Managing Director, Head of Impact Measurement & Reporting

Private Markets

In venture capital, we rely more on issuer level disclosures. Accessing impact data for early-stage companies are more challenging than for those with higher market capitalisation. The quality of the data provided improves as the company scales. We are constructing internal reporting architecture to facilitate the flow of this information in a more standardised and verifiable format and will update stakeholders on our journey as it progresses.

Scalability

With each startup investment requiring a high volume of screened opportunities, it is important to have an impact assessment approach that can handle a significant early-stage pipeline.

Data Integrity

Impact measurability is a challenge when reliable data can be difficult to obtain. Our process for assessing an investee company’s impact starts with a wide lens at the early stages and gains more resolving power as the company’s business matures and more salient impact data becomes available. For example, as companies settle on a successful product-market fit, the associated impact KPIs surface more easily.

Usability

Assessing impact is inherently an imprecise science, especially for young companies. Sometimes we are required to depend on early-stage business models that may undergo changes both to the revenue model and to the associated impact. We therefore prefer to be generally correct versus. precisely wrong. We also aim to track impact progress alongside business and financial progress. By tracking the impact dimension of follow-on investments, we can use that information to gain confidence in our impact thesis.

Impact Processes

Managing Impact: Standards & Frameworks

In framing and developing our ESG policies and impact processes, Artesian is informed by and supports:

1. The Paris Agreement
2. The Taskforce on Climate Related Financial Disclosure (TCFD)
3. The SDG Goals and targets
4. Impact Management Project (IMP Framework)
5. UN Principles of Responsible Investment

About the Paris Agreement and the TCFD

We are committed to the principles of the Paris Agreement as it provides a durable framework across 197 countries to reduce greenhouse gas emissions and to work together to adapt to the impacts of climate change. The Agreement created a framework (TCFD) for monitoring and reporting on climate goals and marked the beginning of a shift towards a Net Zero world.

Implementation of the Paris Agreement is essential for the achievement of the UN Sustainable Development Goals.

We build upon the TCFD's core elements of recommended climate-related financial disclosures into our analysis and framework, including:

- **Governance**: The organisation's governance around climate-related risks and opportunities.
- **Strategy**: The actual and potential impacts of climate-related risks and opportunities on the organisation's business strategy.
- **Risk Management:** The processes used by the organisation to identity and manage climate-related risks.
- **Metrics and Targets**: The metrics and targets used to assess and manage relevant climate related risks and opportunities.

Importance of the Metrics and Targets Recommendation

Disclosing information in line with the Metrics and Targets recommendation allows investors and other stakeholders to better assess the organisation's potential risk-adjusted returns, general exposure to climate-related issues, and progress in managing or adapting to those issues.

Six of the top ten most "decision useful" types of information companies can disclose fall under the Metrics and Targets recommendation.

Recommended Disclosure	Disclosure Element[2]	Rank
Strategy b)	How climate-related issues have affected business and strategy	1
Metrics and Targets a)	Key metrics on climate-related issues for **most recent period and historical periods**	2
Strategy a)	The material climate-related issues identified for each sector and geography	3
Metrics and Targets b)	**Scope 1 GHG emissions** for the most recent period and historical periods	4
Metrics and Targets c)	Climate-related **targets related to GHG emissions**	5
Strategy a)	The material climate-related issues identified	6
Metrics and Targets b)	Scope 2 GHG emissions for the most recent period and historical periods	7
Metrics and Targets c)	The **timeframes** over which climate-related **targets** apply	8
Metrics and Targets c)	**Key performance indicators** used to assess progress against **climate-related targets**	9
Governance a)	Board consideration of climate-related issues for major capital expenditures, acquisitions, and divestitures	10

2.These disclosure elements are segments of the guidance under each recommended disclosure. They do not encompass all the information conveyed in each recommended disclosure.

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Impact Processes

Managing Impact: Standards & Frameworks

About the SDGs

The UN Sustainable Development Goals are a call for action by all countries to promote prosperity while protecting the planet. They recognize that ending poverty must go hand-in-hand with strategies that build economic growth and address a range of social needs. Social needs such as education, health, social protection, and job opportunities – while tackling climate change and environmental protection.

1. **No Poverty**
End poverty in all its forms everywhere.

2. **Zero Hunger**
End hunger, achieve food security and improved nutrition and promote sustainable agriculture.

3. **Good Health & Wellbeing**
Ensure healthy lives and promote well-being for all at all ages.

4. **Quality Education**
Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

5. **Gender Equality**
Achieve gender equality and empower all women and girls.

6. **Clean Water & Sanitation**
Ensure availability and sustainable management of water and sanitation for all.

7. **Affordable & Clean Energy**
Ensure access to affordable, reliable, sustainable and modern energy for all.

8. **Decent Work & Economic Growth**
Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.

9. **Industry, Innovation & Infrastructure**
Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.

10. **Reduced Inequalities**
Reduce inequality within and among countries.

11. **Sustainable Cities & Communities**
Make cities and human settlements inclusive, safe, resilient and sustainable.

12. **Responsible Production & Consumption**
Ensure sustainable consumption and production patterns.

13. **Climate Action**
Take urgent action to combat climate change and its impacts.

14. **Life Below Water**
Conserve and sustainably use the oceans, seas and marine resources for sustainable development.

15. **Life on Land**
Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

16. **Peace, Justice & Strong Institutions**
Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.

17. **Partnerships for the Goals**
Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development.

Impact Processes

Managing Impact: Standards & Frameworks

About the IMP

IMPACT MANAGEMENT PROJECT

From 2016 to 2018, the Impact Management Project (IMP) convened a Practitioner Community of over 3,000 enterprises and investors to build global consensus on how we measure, improve and disclose our positive and negative impacts (otherwise known as "impact management").

The resulting consensus (or "norms") provide a common logic to help enterprises and investors understand their impacts on people and the planet, so that they can reduce the negative and increase the positive. These resources migrated to Impact Frontiers following the IMP's conclusion in 2021.

What is impact?

Impact is a change in an outcome caused by an organisation. An impact can be positive or negative, intended or unintended.
An outcome is the level of well-being experienced by a group of people, or the condition of the natural environment, as a result of an event or action.

Impact management is the process of identifying the positive and negative impacts that an enterprise has on people and the planet, and then reducing the negative and increasing the positive.

ABC of Enterprise Impact

Any enterprise – whether a large multinational, a small business or a non-profit – can manage its impact. The ABC of Enterprise Impact helps enterprises connect their impact goals to the five dimensions of impact.

A act to avoid harm
B benefit to stakeholders
C contribute to solutions

Investor Contribution

Investors consider whether their efforts resulted in outcomes that were likely better than what would have occurred otherwise, which is related to but distinct from the contribution of the enterprises in which they invest. Investor contribution becomes a 'sixth dimension' of impact for investors.

The 5 Dimensions of Impact

Impacts of enterprises on people and the planet can be understood across five dimensions.

What	What tells us what outcome the enterprise is contributing to, whether it is positive or negative, and how important the outcome is to stakeholders.
Who	Who tells us which stakeholders are experiencing the outcome and how underserved they are in relation to the outcome.
How Much	How Much tells us how many stakeholders experienced the outcome, what degree of change they experienced, and how long they experienced the outcome.
Contribution	Contribution tells us whether an enterprise's and/or investor's efforts resulted in outcomes that were likely better than what would have occurred otherwise.
Risk	Risk tells us the likelihood that impact will be different than expected.

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03

Impact Metrics and Highlights

We seek to provide our stakeholders with transparency, accountability for what and who we are investing in and how we are trying to move capital for purpose.

IN THIS SECTION

PORTFOLIO

Impact Metrics

We connect capital to innovative solutions for improved outcomes for people and the planet.

Artesian leverages our extensive global markets investment experience across the capital structure (from early-stage VC to public debt markets) to deliver impact at scale.

We build collaborative partnerships with complementary, like-minded organisations to deliver sustainable outcomes. We believe that innovation, with technology as a key facilitator, can have a sustainable deflationary effect on the cost of infrastructure required to address critical global social and environmental issues.

Our work directly contributes to filling the funding gap for 16 out of the 17 Global Sustainable Development Goals.

The graph to the top right represents the combined green, sustainable and social bonds held within the Artesian Green & Sustainable Bond Fund, the Artesian Corporate Bond Fund, and the Artesian High Impact Green Bond Fund, notionally weighted versus their targeted Sustainable Development Goals (SDGs), as at 31st December 2021.

In 2021, our investments in green, social & sustainable issues increased by 99%.

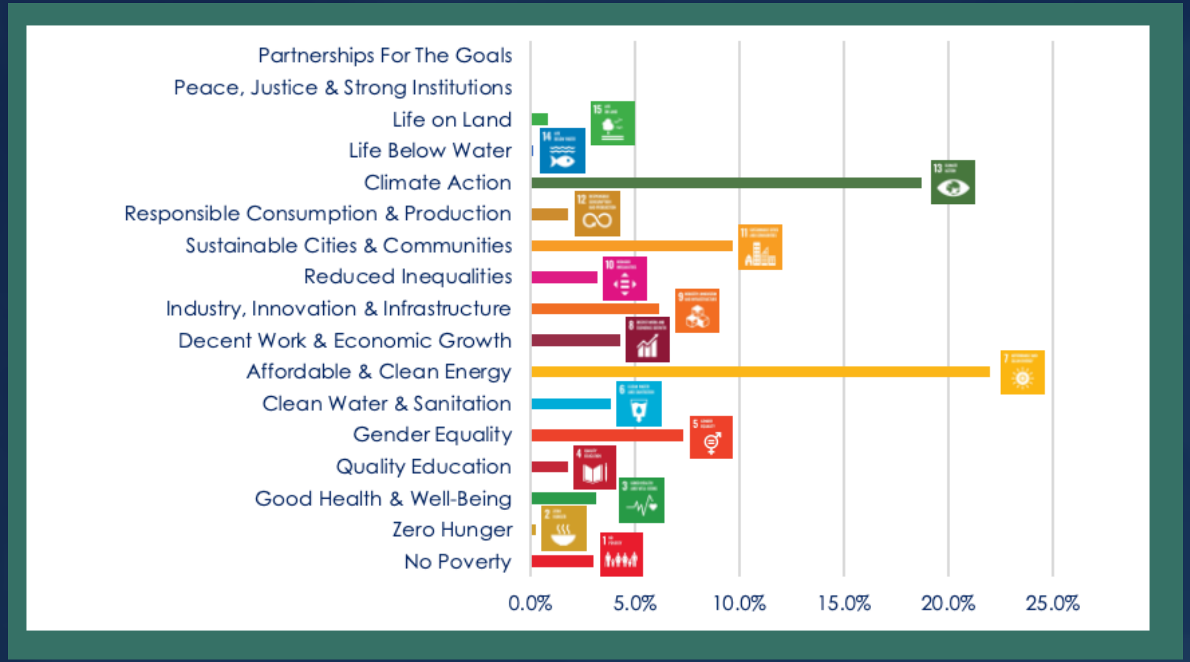
FIXED INCOME

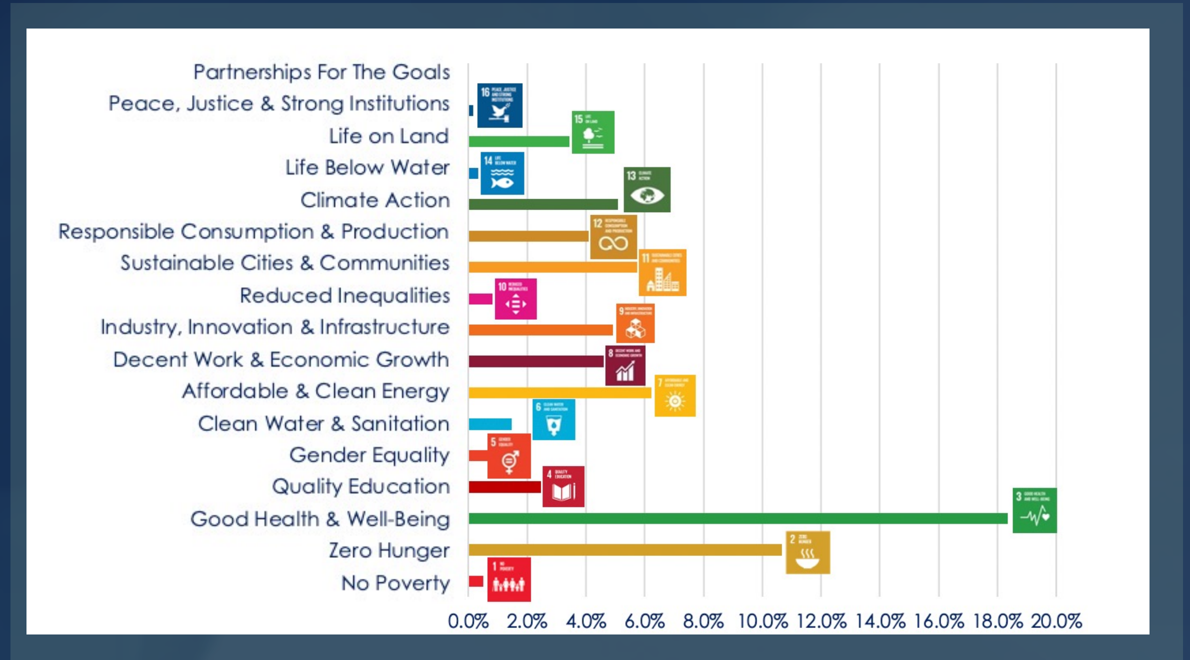
95% Female Board Representation	12,949t CO_2e
across all corporate issuers invested	of metric tonnes of carbon abated by Artesian green & sustainable fixed income investments
GENDER IMPACT BY THE NUMBERS	***CLIMATE IMPACT BY THE NUMBERS***
176 Female Founded Startups	2,899.2t CO_2e
funded across our VC funds since inception (companies with at least 1 female founder as at 31 Dec 2021)	of metric tonnes of carbon abated by Artesian clean energy VC portfolio companies

VENTURE CAPITAL

In 2021, our investments in SDG-linked startups, scaleups and solutions grew by 78.21%.

The graph to the bottom right represents the venture capital investments held across Artesian's thematic funds, notionally weighted versus their targeted Sustainable Development Goals, as at 31st December 2021.





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PORTFOLIO

Impact Metrics

Level of impact achieved across Artesian's venture capital and fixed income investments:

147,257
Trips made on clean & sustainable transportation.

28,050,225
Litres of water saved.

2,463
Square metres of green energy efficient buildings financed.

3,865
People provided with access to water & sanitation.

353
People provided with access to education.

15,848.2
Metric tonnes of carbon abated by Artesian green & sustainable investments.

95%
Female representation on board of fixed income fund holdings.

63%
Increase in total female founded startups funded across our VC funds since inception, over the last 12 months.

2,758,903
Hectares of agricultural land with crop efficacy/effectiveness enhanced through VC investments.

These figures are provided on a best endeavours basis and are pro-rata estimates based on issuer's use of proceeds reporting and startup impact reports.

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Fixed Income

Impact Highlights

Matthew Clunies-Ross
Co-Founding Partner,
Chief Investment Officer

David Gallagher
Partner, Head of
Australian Fixed Income

John McCartney
Co-Founding Partner,
Chief Risk Officer,
Head of ESG

Kurt Tan
Managing Director, Head
of Impact Measurement
and Reporting

Artesian is a boutique credit specialist that understands impact can be achieved at scale without compromising on returns or liquidity.

Fixed income investing requires identifying durable cashflows. Credit investing requires understanding a company's ability to accumulate capital to balance debt payments. Environmental, social and governance issues then determine how sustainable the cashflows will be in the future. In focusing our investment efforts towards green, sustainable and social bonds with a gender overlay, we are investing in a virtuous cycle of an equitable, sustainable and scalable future.

We see ESG issues as an integral part of credit risk – and that investing in impact reduces income volatility and provides greater risk-adjusted returns.

Australian Green & Sustainable Bond Fund (AGSBF)

The Artesian Green & Sustainable Bond Fund invests in a diversified portfolio of liquid, investment grade fixed and floating rate green, sustainable and social corporate bonds. The Fund invests in Australasian and global issuers. The Fund has ESG integrated investment research to provide optimal investment decisions.

The Fund is open for investment.

Australian Corporate Bond Fund (ACBF)

The Artesian Corporate Bond Fund invests in a diversified portfolio of liquid, investment grade fixed and floating rate AUD corporate bonds. The fund has an ESG overlay (negative screen on fossil fuels, tobacco, gaming, alcohol, pornography and munitions) with a positive ESG filter and a bias towards labelled bonds.

The Fund is open for investment.

High Impact Green Bond Fund (HIGBF)

In August 2021, we launched the USD High Impact Green Bond Fund - a world first in combining liquid, publicly traded green bonds with private market venture debt of clean tech companies. HIGBF is a total return fund, targeting both carbon abatement and low volatility income stream for investors.

The Fund is open for investment.

Women's Economic Empowerment Bond Fund (WEEBF)

In May 2020, Artesian launched an impact partnership with the United Nations Capital Development Fund (UNCDF) to create the Women's Economic Empowerment Bond Fund that invests in liquid debt securities of best-in-class corporates with progressive gender policies and governance.

The Fund is looking for seed investment.

Please refer to Clause B on page 59 for disclaimers related to this section.

Fixed Income Case Studies

Mercury NZ Limited (Mercury) is a New Zealand based public company, deriving revenue from the production and sale of energy and energy-related services to retail and wholesale customers. In November 2021, Mercury launched its inaugural green bond in the Australian bond market. William Meek, Mercury's CFO, sees the AU $200m CBI-certified bond as a "unique opportunity for investors to support renewable generation assets not readily available in the Australian market."

National Housing Finance and Investment Corporation

The National Housing Finance and Investment Corporation (NHFIC)'s 15yr sustainable bond was issued in May 2021. Previously NHFIC had issued 3 social bonds, so this was their inaugural sustainable bond. The funds raised from this bond will directly support the delivery of over 1,100 new homes across Melbourne, as part of NHFIC's involvement in a Community Housing Limited (CHL) driven Building Communities consortium.

Mercury Green Bond

ISSUER	Bond Type	Issue Date	Issue Size $m	Fixed/ Floating	Maturity
MERCURY NZ LTD	Green	10-Nov-21	200	Fixed	17-Nov-28

Issuer	Mercury NZ Limited
Currency	AUD
Sector	Utility
Eligible Categories	7, 8, 11, 13
Specific Projects	Renewable Energy: • Wind energy • Hydroelectricity • Geothermal energy • Solar energy. Energy efficiency & electrification; • Energy storage (batteries) • Electrical infrastructure associated with renewable generation. Plus other clean transportation projects.

Use of Proceeds

The proceeds of Mercury's green bond are intended to finance or refinance new or existing projects and expenditures relating to renewable energy and other Eligible Projects in accordance with the Mercury Green Financing Framework.

100%

renewable generation and long-term approach to operating Mercury's business in commitment to a more sustainable future.

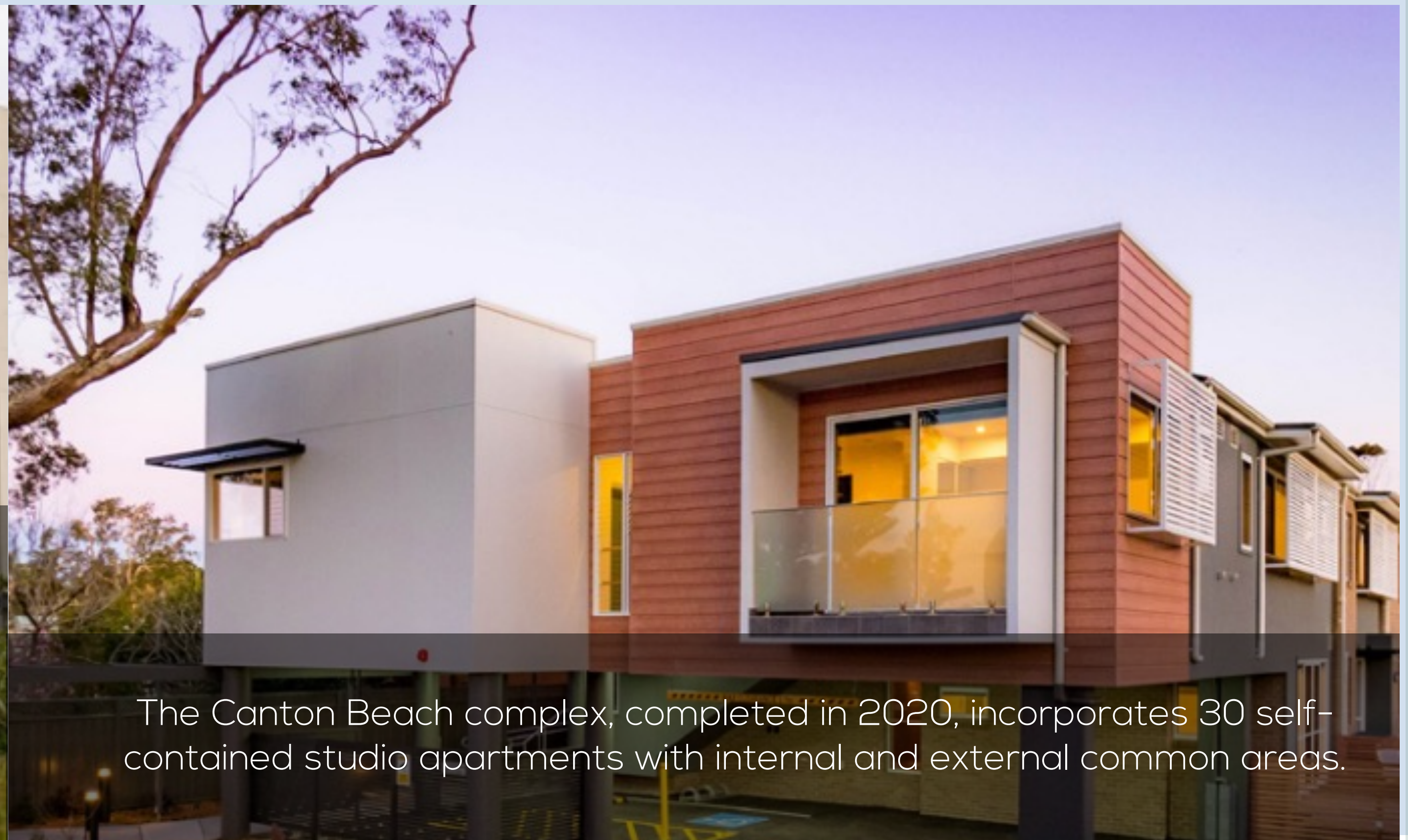
NHFIC Sustainable Bond

ISSUER	Bond Type	Issue Date	Issue Size $m	Fixed/ Floating	Maturity
NHFIC	Sustainable	28-May-21	343	Fixed	30-Jun-36

Issuer	National Housing Finance and Investment Corporation
Currency	AUD
Sector	Agency
Eligible Categories	1, 6, 7, 9, 11, 12
Specific Projects	• Loans to registered community housing providers, funding not- for-profit community housing activities. • Loans to registered community housing providers funding mixed tenure development activities where profits are applied to support affordable housing outcomes.

Use of Proceeds

The proceeds of the bond issued will be used to fund social and affordable housing projects which have additional environmental characteristics. NHFIC is unique in that all their debt outstanding is in a labeled format with all proceeds going towards projects with dedicated impact.



The Canton Beach complex, completed in 2020, incorporates 30 self-contained studio apartments with internal and external common areas.

Please refer to Clause B on page 59 for disclaimers related to this section.

Fixed Income Case Studies

ADB ASIAN DEVELOPMENT BANK

The Asian Development Bank (ADB) envisions a prosperous, inclusive, resilient, and sustainable Asia and the Pacific, while sustaining its efforts to eradicate extreme poverty in the region. ADB assists its members and partners, by providing loans, technical assistance, grants and equity investments to promote social and economic development. The Asian Development Bank's (ADB) Gender Bond was issued in April 2021. The bond attracted significant interest, initially launched with an AUD 300m size target, the demand led the issuer to increase the target to AUD 500m and then AUD 700m. This was testament to the significant demand in the market for bonds targeting gender equality.

investa

Investa Commercial Property Fund (ICPF) is a core prime office fund for institutional investors that concentrates on premium-grade office assets in the major Australian CBD markets. The new AUD 140m green bond, will add to ICPF's impressive existing AUD 770m green bond portfolio. ICPF has interests in some of Australia's most pre-eminent office towers, the fund has been regularly recognised domestically and globally for outperformance across a range of environmental and responsible investment benchmarks.

Asian Development Bank

Gender Bond

ISSUER	Bond Type	Issue Date	Issue Size $m	Fixed/ Floating	Maturity
ADB	Social	22-Apr-2021	700	Fixed	6-Nov-25

Issuer	ADB ASIAN DEVELOPMENT BANK
Currency	AUD
Sector	Utility
Eligible Categories	
Specific Projects	• Women's economic empowerment increased. • Gender equality in human development enhanced. • Gender equality in decision-making and leadership enhanced. • Women's time poverty and drudgery reduced. • Women's resilience to external shocks strengthened.

Use of Proceeds

ADB is committed to promoting gender equality and the empowerment of women and mainstreaming gender across its sovereign and non-sovereign operations. It is also determined to effectively help countries in Asia and the Pacific achieve gender related SDGs, including SDG 5, which focuses on gender equality. ADB has accelerated progress on gender mainstreaming under Strategy 2020 and the Gender Equality and Women's Empowerment Operational Plan 2013–2020.

ADB projects expand women's job opportunities in agricultural value chains and help women farmers gain access to finance.

Investa

Green Bond

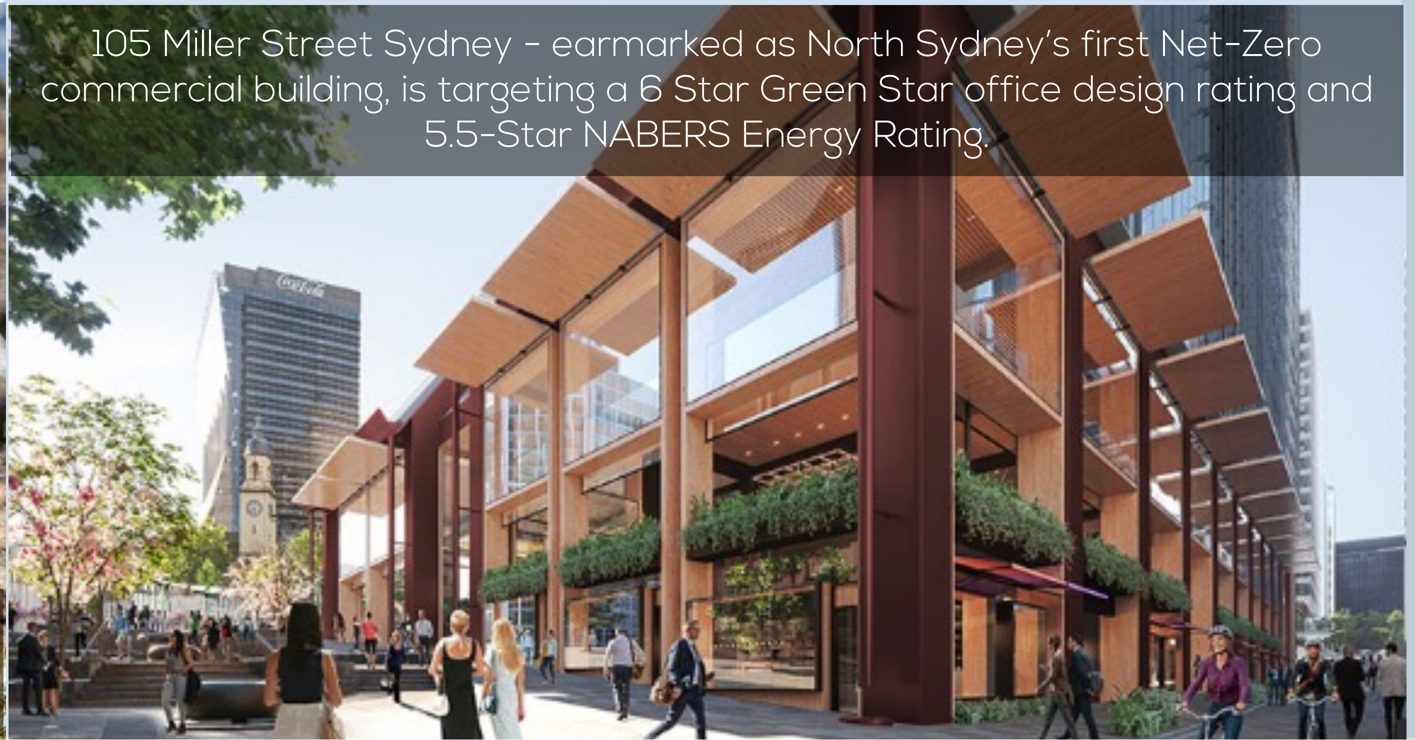
ISSUER	Bond Type	Issue Date	Issue Size $m	Fixed/ Floating	Maturity
ICPF	Green	01-Oct-21	140	Fixed	11-Oct-30

Issuer	investa Commercial Property Fund
Currency	AUD
Sector	Real Estate
Eligible Categories	
Specific Projects	Buildings to be in the top 15% of emissions intensity performance in their city; • Emissions intensity expressed as an amount of carbon dioxide per square metre (kg.CO2/m2). • Maximum threshold applies in each city which ratchets down to zero before 2050. • 10/12 assets meeting the CBI threshold, with the total weighted average having 36.0% headroom below the CBI required benchmark.

Use of Proceeds

The proceeds of the green bond will be allocated to refinance debt that finances (directly or notionally) a pool of eligible low carbon building assets that meet the low carbon buildings criteria set out in the Climate Bonds Standard, as outlined in the ICPF Green Bond Framework. Projects will be identified and selected on the basis that: 1) their emissions intensity met the targets set out in the CLCB criteria; and 2) their combined book value materially exceeded the face value of the issuance, thus providing significant headroom for the management of unallocated proceeds.

105 Miller Street Sydney - earmarked as North Sydney's first Net-Zero commercial building, is targeting a 6 Star Green Star office design rating and 5.5-Star NABERS Energy Rating.



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Please refer to Clause B on page 59 for disclaimers related to this section.

Venture Capital

Impact Highlights

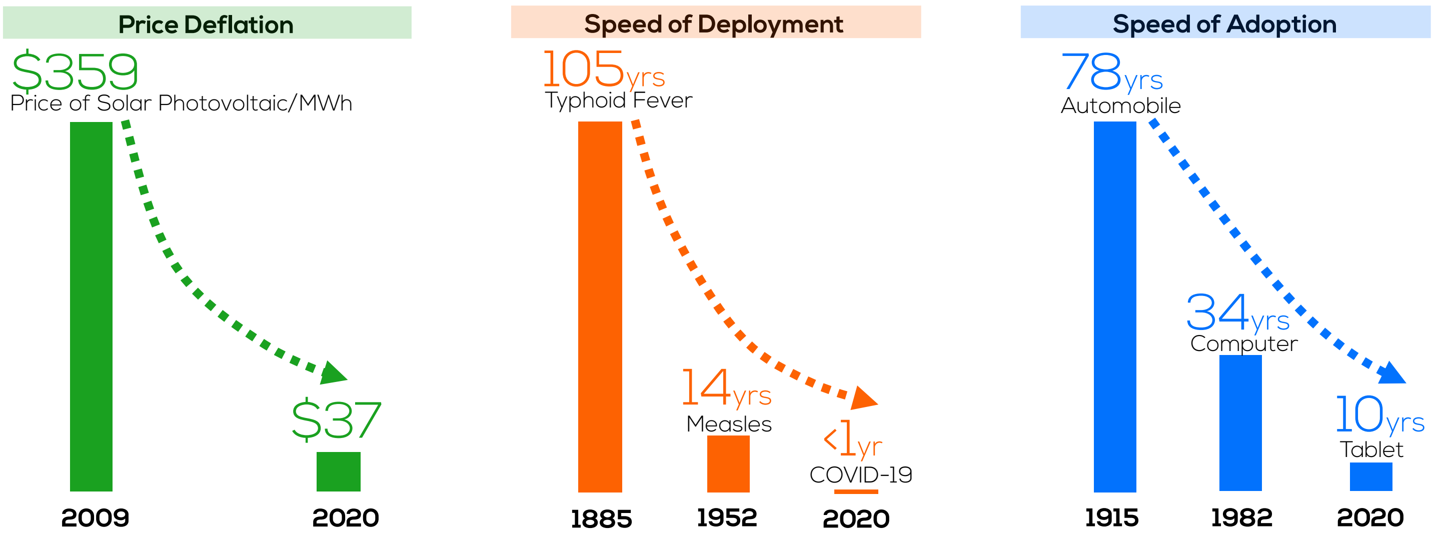
Jeremy Colless

Jeremy is CEO of Artesian, which he co-founded in 2004. He established Artesian's VC business, now Australia's largest and most active early-stage VC.

Artesian believes that technology is a force multiplier for sustainable transformation, enabling price deflation and speed of deployment/adoption. We target startups building scalable technology solutions across the Asia-Pacific focused on solving existential and endemic risks from climate change and food security, to health, education. and gender equality. By building a scalable VC platform, we seek to speed up progress on the UN SDGs.

Artesian's Asia Pacific VC Platform

High Impact: Technology is a Force Multiplier for Sustainable Transformation

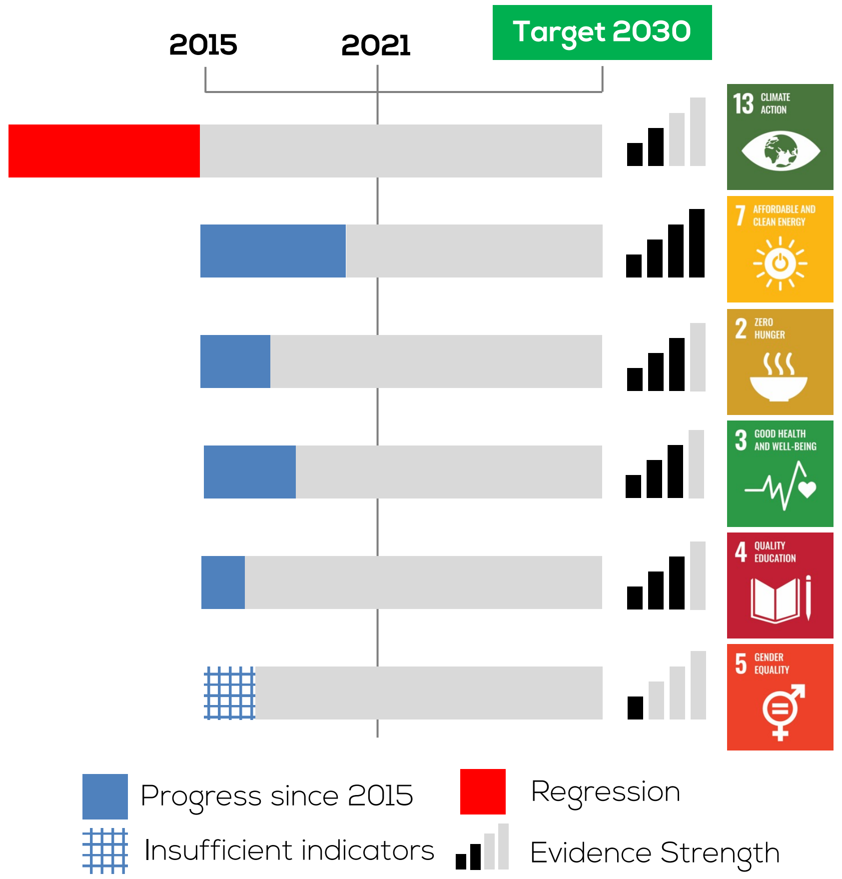


Artesian Targets Startups Building Scalable Tech Solutions For Existential & Endemic Risks

	Our Focus	SUSTAINABLE DEVELOPMENT GOALS	Scalable Technology Solutions		
Existential	Climate / Energy	7, 13	• electric vehicles • battery storage • renewables logistics	• green hydrogen • circular economy • nuclear fusion	• waste to energy • LR wireless energy • green cement
Existential	Food Security	2	• farm automation • precision agriculture • carbon sequestration	• personalized nutrition • food waste reduction • 3D food printers	• indoor farming • nutraceuticals • alt. proteins
Endemic	Health & Well-being	3	• genomics/gene editing • health chatbots • ML/image recognition	• health chatbots • AR/VR in healthcare • predictive analytics	• wearables • telemedicine
Endemic	Education	4	• interactive learning • personalization • education platform	• in-depth research • blended learning • unbiased assessment	• gamification • simulations
Endemic	Gender Equality	5	• career development • future of work • STEM education	• femtech • digital adoption & literacy	• financial literacy • online safety • childcare

Snapshot of SDG progress in Asia Pacific, 2021 [2]

The progress gap for achieving the SDGs grows wider and the prospect of achieving the SDGs now extends decades beyond 2030. In 2017, the estimated year to achieve the SDGs was 2052, and by 2021, the estimated year had increased to 2065.



[2] *"Asia & the Pacific SDG Progress Report 2022" The Economic and Social Commission for Asia and the Pacific (ESCAP)*

Venture Capital

Impact Highlights

Luke Fay
Partner, Head of Venture Capital

Alexandra Clunies-Ross
Portfolio Manager, Clean Energy & Female Leaders

Rohan Gray
Portfolio Manager, Health/MedTech

Rob Williams
Portfolio Manager, AgriFood

Melody Zhang
Portfolio Manager, China & Female Leaders

Artesian is an Asia-Pacific focused venture capital investor that believes we can achieve transformational impact without compromising on risk/return metrics. Indeed, many of our funds are grounded in the investment proposition of investing for impact.

In our VC Practice, we are funding disruptors that will generate positive outcomes for society that are also commercially attractive which are identifying market opportunities where ESG analysis indicate a market failure and/or industry or incumbent vulnerabilities.

In focusing our investment on companies at the forefront of ESG issues and opportunities, we are investing in a virtuous cycle of positive outcomes for society. We see ESG issues as an integral part of startup risk analysis – and that investing in impact enhances equity value, exit pathways, and greater risk-adjusted returns.

Artesian's Sector Focus

To end hunger, achieve food security and improved nutrition and promote sustainable agriculture.

2 ZERO HUNGER

AGRIFOOD TECH

3 GOOD HEALTH AND WELL-BEING

To ensure healthy lives and promote well-being for all at all ages.

HEALTH/MED TECH

To strengthen resilience and adaptive capacity to climate-related hazards and natural disasters.

13 CLIMATE ACTION

CLIMATE TECH

4 QUALITY EDUCATION

Ensure inclusive and quality education for all and promote lifelong learning.

ED TECH

By 2030, ensure universal access to affordable, reliable and modern energy services.

7 AFFORDABLE AND CLEAN ENERGY

CLEAN ENERGY

5 GENDER EQUALITY

To achieve gender equality and empower all women and girls.

FEMALE LEADERS

Venture Capital Case Studies

5B

5B is a pioneer in prefabricated, rapidly deployed utility-scale solar. 5B has over 50MW of its Maverick solution deployed across more than 100 sites and five continents globally, along with an order book of more than 100MW. In May 2022, it set a new speed record for solar deployment, of 1.1 megawatt deployed in a single day with a total crew of 10 people at AES' Andes Solar II B facility in the Atacama Desert, Chile.

www.5b.co

Sicona Battery Technologies

Sicona develops next generation battery materials technology used in the anodes (negative electrodes) of lithium-ion ("Li-ion") batteries that enable electric-mobility and storage of renewable energy. Sicona is commercialising an innovative silicon-composite battery anode technology, developed and perfected over the last ten years at the Australian Institute for Innovative Materials (AIIM). Sicona's current generation silicon-composite anode technology delivers 50% to 100% higher capacity than conventional graphite anodes and its anode materials can deliver more than 50% higher cell energy density than current Li-ion batteries.

www.siconabattery.com

SwarmFarm Robotic Agriculture

SwarmFarm's robots are empowering farmers to deploy new technology in their fields with customised solutions for challenges faced in their local farming systems. Currently, everything we do in agriculture is limited by what we can hook on the back of a tractor or what we can tip in the spray tank. SwarmFarm's robots put new technology in the hands of farmers. SwarmFarm is developing technology from the soil up, backed by deep industry knowledge and practical experience. The company is driven to empower farmers by unlocking the promise of autonomous agriculture.

www.swarmfarm.com

loam

Loam uses the world's smallest organisms to solve the world's biggest problems. Microbes have changed the composition of our atmosphere through earth's history. Loam is ensuring these organisms can do it again. Through a better understanding of how microbes influence the carbon cycle, it can create new planetary-scale opportunities for carbon sequestration and improve agricultural productivity. Loam delivers high quality CO_2 removal with environmental co-benefits, by providing growers with unique tools, and connecting them to business leaders who are driving our global path to Net-Zero.

www.loambio.com

Seoul Robotics

Seoul Robotics creates a 3D perception platform that powers autonomous vehicles, smart cities and robots. Seoul Robotics has grown into an international organisation, with offices in South Korea, Germany and the US, as well as distribution operations on four continents. It has customers around the globe, across a range of industries and applications. Seoul Robotics' mission is to make robots intelligent by helping them understand the world like humans.

www.seoulrobotics.org

TurtleTree

TurtleTree is using modern cell-based technology to create sustainable food, with a focus on cultivated dairy products, that are better for the planet, better for the animals, and better for you. TurtleTree is a rapidly growing brand with a global presence. It has offices, labs, and research facilities in Singapore and the US, along with an international team.

www.turtletree.com

evrima

Evrima is transforming clinical trial recruitment by connecting researchers, clinicians and patients together to accelerate research and bring new treatments to patients who need them. Evrima's mission is to accelerate patient identification and recruitment to help advance medical development. The company is driven to reduce the administrative burden on researchers so they can focus on the high value clinical work required to get new medicines from bench to bedside.

www.evrima.com.au

Nutromics

Nutromics' vision is to create a world with zero preventable deaths due to the lack of timely molecular patient data. Its mission is to revolutionise healthcare with Continuous Molecular Monitoring (CMM). Nutromics' biosensor technology is integrated into a wearable smart patch that is small and unobtrusive. Important molecular concentrations are captured continuously, and wirelessly transmitted to a software application. The software solution is flexible, designed to connect with mobile and web solutions for easy integration with consumer health software and hospital platforms.

www.nutromics.com.au

Venture Capital Case Studies

5B

Climate / Energy

Business Challenge

5B is helping the world face into the challenge of the 80TW of solar required to be built by 2050 to mitigate the impact of climate change, and keep temperature rises within 1.5 degrees Celsius above pre-industrial levels.

Solution Delivered

The solution it offers is ultra low-cost and rapidly deployed. This is achieved here by prefabricating modular solar farms, which are then rapidly deployed on site.

Impact Created

5B has deployed 52MW of solar to date across 100 sites and has avoided 100 kt (kilotonnes) of CO_2 per annum (compared to coal fired generation).

Sicona

Climate / Energy / Responsible Consumption

Business Challenge

Rapid adoption of EVs is required to reduce emissions associated with ICEs, but high battery costs and energy efficiency limitations are currently inhibiting widescale EV uptake.

Solution Delivered

Sicona will produce sustainable and efficient/energy dense battery materials locally in each major global jurisdiction in which they operate.

Impact Created

More sustainable and efficient/energy dense battery materials produced at a reduced $/kWh price will improve EV performance and increase adoption:

- Increase range of EVs by 20 – 50%;
- Reduce the time it takes to safely charge an EV to 80% capacity to less than 25 mins;
- Deliver localised supply chains in each major market;
- Reduce the upfront cost of EVs by US ~$5k.

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Venture Capital Case Studies

Food Security

Swarmfarm

Over the next 5 years,

116,000 tons of pesticide removed from use every year, with 200 million acres under management projected.

Business Challenge

Modern farming practices, have evolved by advances from the Industrial Revolution (tractor replaced the horse and farming became mechanised), The Green Revolution, (introduction of pesticides and synthetic fertiliser) and the Biotech Revolution (introduction of genetically modified crops). However, the best management practices of today are not going to deliver the next wave of sustainability, yields and environmental stewardship that farmers and consumers around the globe are demanding.

Solution Delivered

SwarmFarm Robotics is delivering autonomous farming robots that fundamentally change the field practices that farmers use to produce food.

Impact Created

To date, SwarmFarm robots have commercially farmed over 1 million acres of farmland. SwarmFarm Robots have already removed 580 tons of pesticide from the environment in 2022.

Loam

Business Challenge

Loam Bio uses the world's smallest organisms to solve the world's biggest problems. It is tackling two prevailing sustainability challenges: 1) too much CO_2 in our atmosphere, and 2) too little carbon in our soils.

Solution Delivered

Loam's products use microbes to supercharge the ability of plants and the soil to sequester carbon and increase the amount of CO_2 that can be stored in soil for the long-term. Loam empowers farmers to capture carbon from the atmosphere on a gigatonne scale, improve the health of their soil, and trade a new commodity – carbon offsets.

Impact Created

Loam's technology has the potential to drive gigatonnes of carbon removal while improving the productivity and resilience of the world's soil.

Climate / Food Security / Life on Land

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Venture Capital Case Studies

Seoul Robotics

Sustainable Cities & Communities

Business Challenge

A finished vehicle will have to go through manufacturing->production line->ships/trucks/trains->dealership in a complete automotive logistics. Each step will create large inevitable manual labor cost for OEMs and auto parts makers. The traditional automotives logistics market is 100% labor-driven. It is an untapped market of US $27bn in size globally in finished vehicle logistics alone, urgently in need for an autonomous revolution.

Solution Delivered

With Seoul Robotics' 3D computer vision solution powering autonomous mobility as a service (MaaS), each vehicle is detected by at least 2 sensors at all times, making no blind spots for any vehicle ever. In the cloud, a safe path is calculated for each autonomous vehicle, from its origin to its destination. The LV5 CTRL TWR system sends encrypted control commands to the designated vehicle, using local 4G or 5G networks or other V2X systems, driving the vehicle to its destination.

Impact Created

Seoul Robotics collaborated with various cities and regulators around the world to make these cities and communities smarter and safer. Data-driven insights about traffic flow and vehicle/pedestrian interactions allow cities to measure traffic volumes and monitor vehicle congestion. Autonomy through infrastructure allows vehicles to move efficiently, increase safety and reduce idle time.

Turtle Tree

Business Challenge

Providing accessibility and affordability to high value nutritious milk and milk ingredients to everyone around the world using sustainable technologies.

Solution Delivered

TurtleTree is dedicated to producing a new generation of nutrition—one that's better for the planet, better for the animals, and better for people everywhere. Utilising its proprietary cell-based technologies, TurtleTree is creating nutritious milk ingredients sustainably and affordably, with benefits that extend beyond the dining table.

Impact Created

The technology has the ability to transform the whole dairy industry, including infant nutrition, sports nutrition, baby food and functional food ingredients. TurtleTree aims to create an environment where everyone has access to nutritious milk and its ingredients while minimizing the CO2 impact created in traditional farming.

Gender Equality, Health & Wellbeing, Life on Land

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Venture Capital Case Studies

Evrima

Gender Equality / Health & Wellbeing

Business Challenge

Getting a new treatment to market is costly and inefficient. 80% of trials are delayed due to patient recruitment challenges. Without participants in research, new therapies would not have the chance to reach market. General practice involvement in clinical research and clinical trials in particular needs a higher profile and more awareness. It is currently under-valued, which is a significant barrier to participation.

Solution Delivered

Evrima's mission is to automate the study start-up and patient recruitment processes using predictive technology to reduce inaccuracies, repetitive administrative headaches that study teams, sponsors and patients experience. Evrima's mission is to accelerate patient identification and recruitment to help advance medical development.

Impact Created

Evrima is striving to make a global impact on clinical trial timelines and enable the industry to advance medical research swiftly so people get access to the therapies they need.

Its technology has the potential to transform clinical trial recruitment by connecting researchers, clinicians and patients together to accelerate research and bring new treatments to patients who need them.

Nutromics

Business Challenge

Nutromics is on a mission to revolutionise healthcare through continuous molecular monitoring. Using their novel biosensing platform technology, it will help solve unmet clinical needs for the deadliest disease states in the ICU setting.

Solution Delivered

Nutromics is developing a world-first medical wearable device (patch) comprised of two technologies: a microneedle array that provides pain-free access to interstitial fluid, just under the skin, and DNA sensor technology applied to the microneedle tips, streaming molecular insights converted into electrical signals and sent to clinicians via Bluetooth.

Nutromics' first market is therapeutic drug monitoring for vancomycin, the world's most dosed antibiotic. The objective is to ensure that this drug, currently dosed out of range 60% of the time, is dosed correctly and in-range every time.

Impact Created

Nutromics will complete the world's first in-human clinical studies of its first DNA sensors in 2022, as well as its integrated alpha prototype device.

FDA approval of the company's first product, a continuous monitor for the IV antibiotic vancomycin, is planned for 2025, with a pipeline of new DNA sensors and products also under development.

Health & Wellbeing

Venture Capital as a Service

Impact Highlights

Gilles Plante
Partner, Head of VCaaS

Guy Newton
Director, VCaaS

Client Solutions

Collaborate: To access the financial and strategic returns of the innovation ecosystem a collaborative, scalable and systematized approach to early-stage investment is required.

Scout: There are often hundreds of startups working on any one vertical-related innovation. Scouting for the optimal opportunities requires global resources and well-established networks.

Scale: Due to the volume of startups to be assessed, scouting processes must be highly scalable to filter the best opportunities from the firehose of possibilities.

Invest: We build and operate bespoke funds for clients, investing in startups delivering strong financial and strategic returns, and qualified growth-stage co-investment opportunities.

Co-Invest: We will also work with clients to select, invest in and manage co investment opportunities arising from the deal pipeline generated via other VC/PE funds in which they are an LP.

Artesian's revolutionary Venture Capital as a Service, (VCaaS), platform services the increasingly complex needs of organisations dealing with the financial and strategic challenges and opportunities presented by thousands of potentially disruptive startups.

Artesian's VCaaS platform provides corporations, industry groups, government organisations and family offices access to transformational startups, delivering distributed research and development, financial and strategic returns, collaborative partnerships, co-investment opportunities and a pre-screened and de-risked M&A pipeline.

VCaaS delivers financial and strategic (distributed R&D) return, as well as scale, context and focus, providing the client with a pre-screened and de-risked pipeline of qualified late-stage startups for direct investment.

SDG-Aligned Mandates

Existing Artesian VCaaS mandates that directly support the UN SDGs include the following:

Partner: GRDC
Vertical: AgriFood

Overview: Investing in research, development and extension to create enduring profitability for Australian grain growers.
Product: $50m Early-Stage VC fund investing in startups delivering innovation for the Australian grains industry.

Partner: CEFC
Vertical: Clean Energy

Overview: The CEFC is responsible for investing $10bn in clean energy projects on behalf of the Australian Government.
Product: $26m early-stage VC fund investing in Australian clean energy and climate technology startups.

Partner: SA Govt.
Vertical: Agnostic

Overview: Enabling innovative SA ventures to secure funding, accelerate growth, stimulate economic activity and job creation.
Product: $50m Series A/B VC fund investing in helping build dynamic and innovative South Australian companies.

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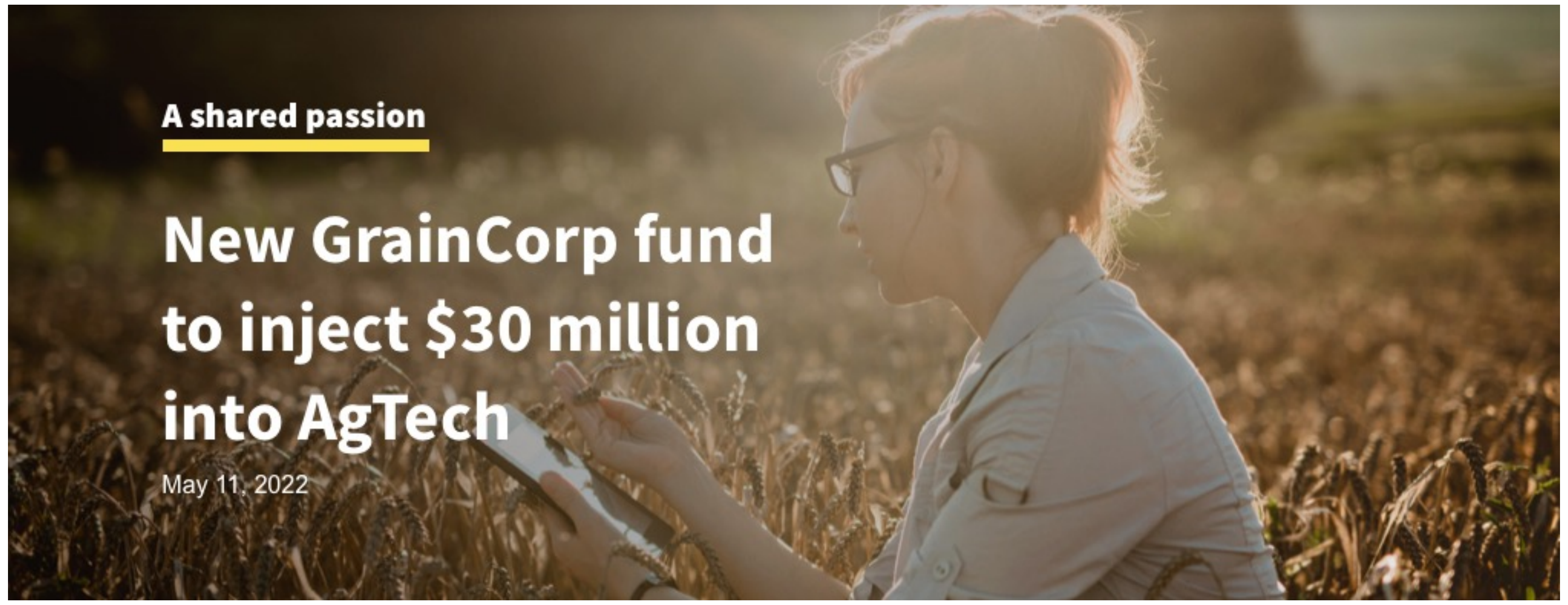
VCaaS Case Study

GrainCorp

In May 2022, GrainCorp partnered with Artesian to launch its corporate venture capital fund to invest $30m into start-ups that help build a sustainable future for the Australian agriculture industry.



Launched in May, GrainCorp Ventures will invest in innovative start-ups across AgTech, animal nutrition and food innovation. GrainCorp's Chief Innovation and Growth Officer, Jesse Scott, said that GrainCorp is uniquely positioned to nurture start-ups that drive innovation across the industry.

"Activity and investment in agri-related venture capital has grown significantly across Australia and the Asia Pacific as a result of rising grower sophistication, evolving industry structures and emerging technologies," Mr Scott said.

"GrainCorp's diverse agribusiness and processing businesses and crucial access to domestic and global consumer markets make us an ideal partner to add value to these start-ups.

"Our focus on AgTech, animal nutrition and food innovation is about ensuring long-term sustainable growth for Australian agriculture."

Mr Scott said GrainCorp has already been working with growers, customers and industry groups to support burgeoning opportunities in the sector.

"Our focus is to ensure that we invest in innovative start-ups that show potential in securing a sustainable future for our industry while supporting those at its core – growers and primary producers – to have the tools they need for growth in the digital age."
Jesse Scott

"We're excited by the progress we have already made through investments in companies like Hone and FutureFeed, our recent partnering with CSIRO and v2food, and the ongoing development of our digital marketplace CropConnect.

"Through GrainCorp Ventures, we are looking forward to finding and supporting start-ups positively affecting the agricultural supply chain, with Australian growers at the centre of that progress."

GrainCorp has partnered with Artesian Venture Partners to establish the fund, which will invest minority stakes in early-stage opportunities across AgTech, animal nutrition and food innovation.

Partner: GrainCorp
Vertical: AgriFood

Overview: Leading Australian agribusiness and processing company partnered with growers and producers for > 100 years.

Product: $30M VC fund focused on startups shaping the future of Australian agriculture and food production.

Source: https://www.graincorp.com.au/new-graincorp-fund-to-inject-30-million-into-agtech/

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Impact Perspectives

John McCartney
Co-Founding Partner,
Head of ESG

Aggregation Confusion and ESG Irrelevance – Measurable Impact as a Solution

In 2006 the United Nations launched its Principles for Responsible Investing (PRI) – where investors pledge to incorporate ESG issues into their investment practices. The number of signatories to the initiative has increased from 63 in 2006, to 3826 in 2021, with the assets under the umbrella going from US $6tn to US $120tn over the same period.

The UNPRI signatories have all agreed to incorporate ESG factors into their investment decisions – that means being aware of material risks that are outside the formal ones that are reported in annual reports. This means digging down into how the company is view by its customers, its employees and what sort of impact its goods or services have on the environment.

This has two very basic implications:

1) Those assets that are deemed to be incompatible with these principles will struggle to find buyers as liquidity and financing conditions deteriorate.

2) If you are looking to scale a company, these principles must be taken into account.

ESG factors gained traction from consumption patterns – as consumers signaled to corporates that they were willing to pay a premium for products that took environmental, social and governance factors into account. Higher margins attracted investors into the space – precipitating existing market participants and new entrants to adapt to ESG issues. Investors found this cycle particularly virtuous as ESG was touted as helping them both to spot winners and avoid losers.

In this cycle everyone is asking for data. Customers – both investors and consumers – are confronting companies about their ESG footprint as they tried to establish their own ESG footprint. The data being generated is subjective – and difficult to correlate between companies and across industries and sectors.

"Data is considered the new oil of the economy." – The Economist[3]

This boom in ESG data lacked standardisation, and several frameworks emerged to categorise the data. The 4 main frameworks are GRI, CDP, SASB, and TCFD. Each have their own nuance and as companies and investors sign up to different reporting systems to accommodate the flow of ESG assets, ESG consultancies have sprung up to assist these investors.

3. The Economist, May 11, 2017

Impact Perspectives

John McCartney

Co-Founding Partner, Head of ESG

There are around 100 providers of these services now[4] and that has doubled in the last year. Some fund managers have decided to do this analysis in-house rather than outsource – some use a hybrid on internal and external – and some outsource completely – resulting in thousands of differing investment methodologies.

MIT Sloan School of Management has dubbed the problem "Aggregate Confusion" characterised by two problems:

1) Lack of standardization leads to dispersion of methods and approaches, making it difficult to evaluate ESG performance of companies or funds.

2) ESG ratings dispersion lowers the incentives to improve ESG performance. Different ratings from different vendors leads to mixed signals making the markets less likely to price in ESG performance.

This exponential growth of Responsible Investing has outpaced regulators and ratings agencies. As such, the large volumes of data being generated in the market by responsible investing is creating "Aggregation Confusion" as ratings agencies and consultants rush to help investors identify sustainable assets.

In response, regulators are embarking on standardising transparency and reporting, which will enable investors to compare measurable impact, which in turn will flow through to asset prices. Regulation will mean companies will be held accountable for the metrics they report, which in turn will give investors better insights on the future value of company assets.

These new ESG data sets are creating a wave of innovation in the environmental, social and governance fields. Regulators, investors, customers, employees and other stakeholders are asking questions around ESG and that is creating huge demand for high quality data sets to measure and benchmark impact. As data catalyzes new technologies and businesses models, we expect a flood of new venture capital opportunities focused on impact solutions.

In global bond markets, investment grade corporate bond issuers of green and sustainable bonds have begun to deploy the proceeds into venture capital solutions that improve their environmental and social footprints. By deploying capital into VC, larger corporates are able to outsource R&D and help them achieve their ESG goals.

As a participant in both the bond and venture capital markets, we are seeing exciting new developments where corporates are looking to help shorten the lag times for new technologies from inception to commercialization - which has the potential to help speed up humanity's progress on the international sustainability agenda.

4. The Financial Times, March 18, 2022

Impact Perspectives

Luke Fay
Partner, Head of Venture Capital

Vicky Lay
Partner, Head of Impact Investments

Responsible Venture Capital: ESG Integration at the Early Stage (Volume 2)

Venture capital is crucial in shaping our collective socio-economic future. It is an anti-fragile market, where new business models and technologies are tested to solve complex challenges. These tough problems attract talent - top engineers, startup founders and financiers, whose passion draws them to create disruptive technologies that will frame our lives to come.

While a sustainable future and venture capital are inevitably intertwined, ESG uptake in private markets has lagged that of public markets. Some of this has been resource driven, as VC backed companies with capital-light balance sheets often lack the ability to invest in ESG engagement. The hunt for outsized returns by focusing on scaling startups that generate rapid growth at all costs, a lack of diversity, and the lack of pressure on VC firms to focus on ESG are also likely reasons for the slow ESG integration. This blind spot in VC investing was exposed by Amnesty international, which highlighted human rights due diligence failures[5] in the investment process.

To address this, the UNPRI launched a VC collaboration initiative in Sept 2021 with market participants to "strengthen take-up" of ESG.

The PRI surveyed VC firms to capture a snapshot of what the then current market looked like and found the following trends:

1) DE&I is a focus, but not integrated into the investment process. ESG is generally siloed and whilst DE&I is a focus for the teams they are investing in, it doesn't extend to their supply chains.

2) High adoption of pre-investment screening. Negative screening is common, but leading practices include ESG KPIs in term sheets and due diligence questionnaires.

3) Asset Owners (LPs) are not the driving force behind ESG adoption. Whilst this is not our experience at Artesian, the UNPRI survey found that only a minority of VC firms felt that their LPs were pushing for ESG integration. Interestingly, the majority still felt that ESG factors improved risk/return metrics.

Artesian's ESG committee has rolled out materiality mapping for relevant ESG factors. It guides investment teams to identify both ESG risk and opportunities faced by the industries and sectors in which we are invested.

Artesian believe that by studying what stakeholders value (employees, customers, regulators, suppliers, etc.), we can drive a business towards success. Through building trust with stakeholders, we improve our ability to scale sustainably, which is the key to long term profitability.

As we engage with our investee companies on ESG issues, we know it creates a lot of work, but we believe it is necessary for companies to broaden their investor base, boost employee retention and ultimately drive overall performance. It is also a path to disrupt incumbents who have legacy ESG issues that new market entrants can use to generate market share.

One of the main challenges for ESG in VC is measurement. Many of the tools that have been used for ESG analysis were designed for public companies and need to be retooled for the VC industry. What is measured is also dependent on the stage at which the company is at – the earlier the stage, the smaller the footprint – but the smaller footprint also makes ESG issues more manageable. By embedding ESG in a company's DNA, we are helping founders anticipate ESG issues and communicate them to investors and other stakeholders and ensuring the company can scale into the future.

5. Amnesty International, July 30, 2021 https://www.amnesty.org/en/documents/doc10/4449/2021/en/

Impact Perspectives

Guy Newton
Director, VCaaS
Managing Director, Arco

ARCO
Investing in technology that protects our future

Critical Technologies: Our Position on National Security-Related VC

Critical technology is crucial to the protection of our way of life and to our future prosperity, and Artesian is pleased to be playing a core role in the support of critical technology throughout Australia and the Indo-Pacific region. We do this under the brand Arco, Latin for 'protect'. Core to our view within Arco are innovations that relate to national security, economic prosperity and social cohesion and take the form of 'dual-use' – technology that has an application within defence and civilian areas.

INVESTMENTS THAT WILL NOT BE CONSIDERED

Artesian will reject investment opportunities that are outside the investment mandate of the fund or fail to comply with Artesian VP's ESG policy.

Dual-use & Non-combatant

Advanced Materials

Coatings • nanoscale materials • novel metamaterials • smart materials

AI & Computing

Advanced data analytics • integrated circuit design • optical & radiofrequency comms • AI • distributed ledgers • ML • Cyber security

Sensors & Navigation

Imaging systems • timing • gravitational force sensors • miniature & photonic sensors • inertial navigation

Space, transportation & robotics

Positioning & navigation • advanced engines & hypersonics • robotics • autonomous systems • drones & swarming • small satellites • space launch systems & infrastructure

Quantum

Cryptography • communications • quantum computing • quantum sensors.

• ECONOMIC PROSPERITY • SOCIAL COHESION • NATIONAL SECURITY

Why are we investing in critical technology?

We are living in a period of uncertainty, and recent world events have heightened the need for greater focus on the sovereign technology whose intention is the protection of our community. With Australia's position geographically, as well as a creator of world class technology, we have a role to play in protecting the values we hold close, and in supporting the innovators creating these technologies.

Our focus within Arco is to seek out, invest in and support the growth of emerging critical technology companies throughout the Indo-Pacific region. "Security tech" plays a strong role in this thesis, but importantly, Arco is not an investor in weapons or technology designed to be weaponised. Core dimensions of our national security interests include food security, infrastructure security, economic security and others. These are the sorts of complex challenges that attract top engineers and founders who recognise the need for liberal democracies to maintain their technological edge.

The Arco team within Artesian are on a journey of bringing Australian and Indo-Pacific critical technologies onto the world stage and look forward to sharing our progress over time.

04 Progress on Our Commitments

We are excited to share our impact initiatives, partnerships and activities around creating a sustainable future, advancing gender equity, and taking a proactive approach to engagement.

IN THIS SECTION

Creating a Sustainable Future

We Commit to Net Zero by 2030

The concept of Net Zero carbon emissions has emerged from the science of Anthropogenic Climate Change. The objective is to keep human related carbon emissions within a finite budget to limit global temperature rising more than 2C. Note this is not Gross Zero – where we have zero emissions – but Net Zero, where any carbon emission that are above this budget must be removed. The theory is that society reduces carbon emissions as much as possible and then invest in nature based or artificial carbon sinks to limit the total amount of carbon in the atmosphere to less than 770 gigatonnes of CO2. If we allow emissions to rise above this level, science predicts a climate catastrophe that will not only destroy the global economy – but is an existential threat to life on Earth.

This climate target has created a "race to Net Zero", with countries, cities, states, institutions, and corporations rolling out a Net-Zero emissions pledge. It is estimated that two thirds of carbon emissions are now covered by this type of target. For these pledges to be effective, it requires reducing human originated emissions, such as burning fossil fuels, as close to zero as possible. Whatever emissions cannot be reduced must then be offset through carbon removal options like conservation of natural carbon sinks (such as forests, wetlands, grasslands, etc.) or investing in new technologies that can pull carbon from the atmosphere. Ideally, the need for offsets would fall over time as the economy transitions to a greener and cleaner future.

Artesian has committed to a Net Zero target by 2030 – to this end we intend to fully leverage our position as an asset owner, a financial services company, a shareholder, debt provider and capital markets participant to attain this goal via a 4-part plan:

1. Set targets – draw a map of how we are going to achieve a balance between the emissions and offsets.
2. Invest in solutions – capitalise investments in the climate transition and drive climate risk management in exiting investments.
3. Engage with counterparties – talk with investee companies and financial markets counterparts about carbon metrics and how they are enacting meaningful CO2 reduction strategies.
4. Report on progress – share our Net-Zero journey with our stakeholders on how we are accounting for our emissions.

Creating a Sustainable Future

Measuring Our Carbon Footprint

We took the approach of estimating our carbon emissions by tracking what is most material – and for a financial services firm, that is our electricity consumption and business travel. We triangulated this using both online carbon tracking tools from different vendors and our own internal research. Once we had our carbon footprint, we then looked to the voluntary carbon markets to ensure we bought credible carbon offsets to balance our emissions. To this end we have chosen Green Collar (www.greencollar.com.au) to be the conduit to address this.

Carbon footprinting is a typical starting point for assessing the GHG emissions and is measured across 3 Scopes:

Scope 1: All direct GHG emissions.
Scope 2: Indirect GHG emissions from consumption of purchased electricity, heat or steam.
Scope 3: Other indirect emissions, such as the extraction and production of purchased materials and fuels, transport-related activities in vehicles not owned or controlled by the reporting entity, electricity-related activities (e.g., T&D losses) not covered in Scope 2, outsourced activities, waste disposal, etc.

Our Process

Financial services companies emit few greenhouse gases to run their operations. Artesian's carbon emissions for Scope 1 & 2 are only around 2-14 metric tonnes (MT) depending on the methodology. Given our Net-Zero pledge, we want to extinguish our Scope 1 & 2 emissions as promptly as possible – however, as we came out of the pandemic lockdowns, we saw a natural tendency for our staff to increase business travel and we wanted to make sure we accounted for this in our Net-Zero efforts. Air travel is something that we could track and estimate – and it also has well defined carbon emissions. According to the GHG protocol, business travel should be included in Scope 3, as airlines will account for it in their Scope 1 & 2 emissions. However, at Artesian, where impact is a central focus, we see no reason to follow others and extinguish just our Scope 1 & 2 – we feel that if we can measure it, we can tackle it, which is what we have done. To that end, we have extrapolated our business travel for the year and have estimated carbon emissions of around 150-185MT.

Once the carbon footprint had estimated, the taskforce engaged an offsets a vendor. Green Collar was chosen based on their impeccable credentials and adherence to the UN protocols. Green Collar has matched our carbon emissions with nature-based solutions in the same jurisdiction from which they have originated.

Our Net Zero Taskforce

John McCartney
Co-Founding Partner

Kurt Tan
Managing Director

Vicky Lay
Partner

Mark Bytheway
Director, ESG Research

Mei Lee
Partner

Pankaj Khanna
Chief Financial Officer

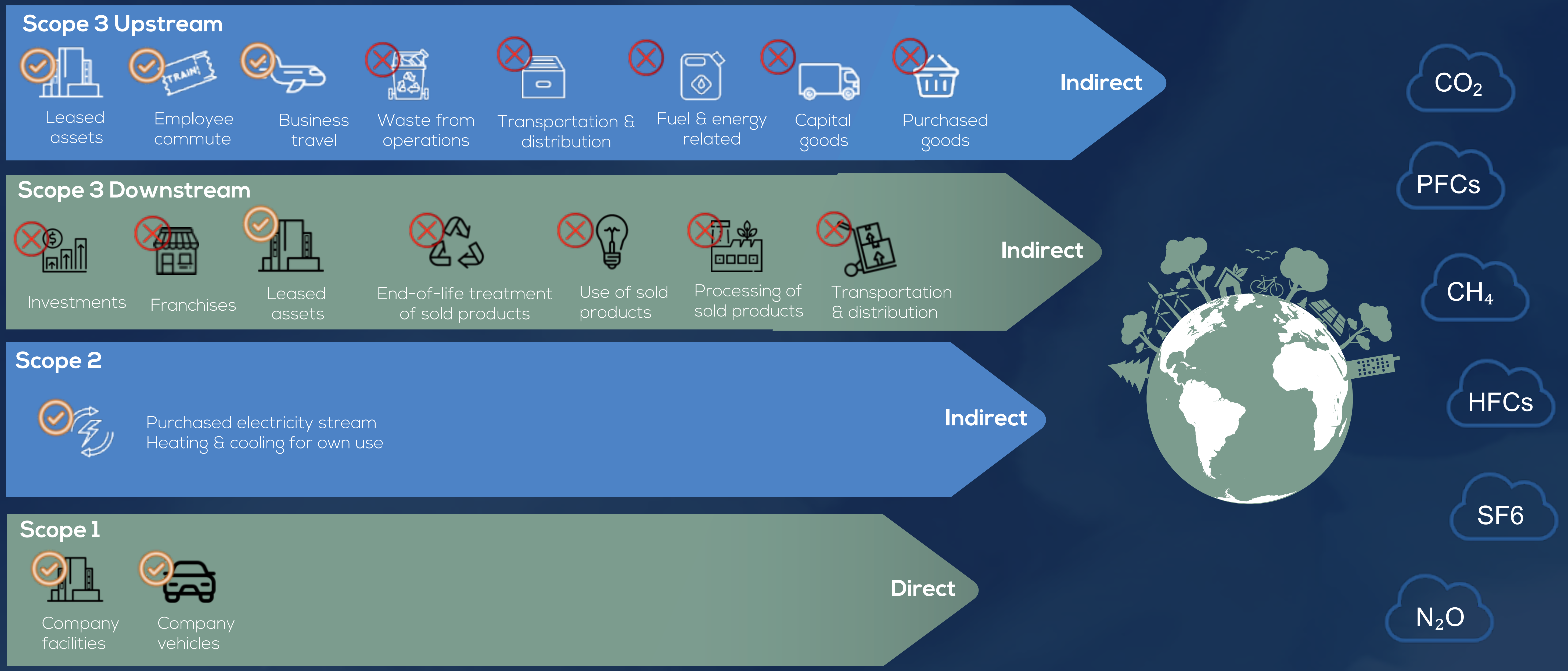
ACTIVITY	RELEVANT CATEGORY OF EMISSIONS
Emissions from transportation in vehicles owned or controlled by the reporting company.	Scope 1 (for vehicles that consume fuel) and Scope 2 (for vehicles that consume electricity)
Emissions from the transportation of employees for business-related activities in vehicles owned or operated by third parties.	Scope 3, category 6 (business travel)
Emissions from transportation of employees to and from work.	Scope 3, category 7 (employee commuting)
Emissions from leased vehicles operated by the reporting company not included in Scope 1 or Scope 2.	Scope 3, category 8 (upstream leased assets)

Creating a Sustainable Future

Total Emissions By Scope

As a financial services company, Artesian has relatively few direct emissions inline with others in tertiary industries. To get an accurate sense of carbon exposures, we need to calculate Scope 1, 2 & 3 emissions for ourselves and that of our investee companies. Corporate reporting has traditionally concentrated on Scope 1 & 2 emissions, as they have been more straight forward to calculate. The focus is now shifting to Scope 3, as this represents the bulk of emissions and therefore critical to ensuring that businesses don't simply push their emissions to other parts of the supply chain (for example, ensure the whole supply chain is decarbonising).

While the process for calculating Scope 1 & 2 emissions is well established, the same cannot be said for Scope 3, despite ongoing efforts by coalitions such as the Greenhouse Gas Protocol (GHP), the Partnership for Climate Aligned Finance (PCAF) and the UN Framework Convention on Climate Change (UNFCC).



UPSTREAM ACTIVITIES ➡ REPORTING COMPANY ➡ DOWNSTREAM ACTIVITIES

Artesian has taken the approach to begin to rank the emissions we can track and then look to purchase offsets once those emissions have been determined. Furthermore, given these are best endeavour estimates of our carbon footprint, we round emissions calculations up in order to ensure we are covering the maximum amount of carbon emissions calculated.

We're a human capital-driven organisation, as such, our direct carbon emissions are mainly office-related emissions. Scope 1 & 2 make up approximately 10% of our footprint.[6]

Business travel constitutes the largest emission category for our organisation. We prudently manage our travel needs where possible and purchase responsible offsets against this Scope 3 activity.

As an investment firm, the investments we hold on behalf of our clients constitute Scope 3. We will be working with our portfolio companies to map out their footprint.

Over time, as the portfolios grow and mature, we aim to have a system that can be adopted by all our investee companies in order to provide reportable and actionable Scope 3 information (by us and by our clients).

6. "For most companies, the value chain is responsible for the vast majority of emissions, often around 90%." (https://normative.io/insight/scope-1-2-3-emissions-explained/)

Creating a Sustainable Future

Offset Partner

greencollar
valuing the environment

GreenCollar works alongside Australia's leading fund managers, corporates, land managers, researchers and environmental organisations to accelerate the transition to a Net-Zero world and drive positive impact at scale.

About GreenCollar

Bringing science, land and people together to decrease emissions, improve water quality, reduce plastics and increase biodiversity.

Australia's largest and most successful environmental market project developer and investor.	• Leading generator of nature-based carbon credits in the Australian market. • An existing portfolio of 200+ registered and contracted projects covering over 10 million hectares and generating 126+ million Australian Carbon Credit Units (ACCUs).
Track record in new environmental markets.	• Proven track-record of developing new methodologies that maximise potential within the existing carbon market and open up new environmental market opportunities such as water quality, plastics and nature positive offsets.
Embedded sustainability within agricultural businesses to deliver ACCUs without impacting productivity.	• GreenCollar's 'paddock-tested' teamwork in partnership with all stakeholders to design and implement projects that complement agriculture operations and maximise real and tangible social, economic and environmental outcomes. • GreenCollar works to ensure projects deliver additional benefits for land managers and local communities, helping to regenerate the land and boost long-term productivity whilst promoting business sustainability.
GreenCollar is Australia's most "bankable" counter-party.	• Backed by two prominent investors – US $1.3bn KKR Global Impact Fund and one of the world's largest pension plans in Ontario Teachers' Pension Plan, with US ~$227.7 bn in net assets. • GreenCollar has a 10 year+ track record, and the most "bankable" counter-party by size, counter-party credit, and scale in Australia.
Rigorous due diligence framework informed by real world experience.	• Sophisticated risk management systems, established procedures and robust operating standards ensure delivery of high quality, high integrity, high impact environmental credits.

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Creating a Sustainable Future

Offset Project

Arbon-Tooligie Human Induced Regeneration Project

Methodology	Human-Induced Regeneration of a Permanent Even-Aged Native Forest - 1.1 Methodology Determination 2013
Registered ID	EOP100275
Date Registered	December 2013
#ACCUS to date	130,374
Project area	3,401ha
Permanence	100yrs
Location	Cummins, South Australia
SDGs	

Impact Story

Set in rich undulating farmland near Cummins in South Australia, this project is regenerating permanent native forest across over 3,000ha of land that had previously been cleared and regeneration of native vegetation had been suppressed.

In addition to the carbon sequestration delivered by the regenerating vegetation, the project has seen a proliferation of wildflowers popping up, and the landholders say the land now recovers quicker after dry periods due to improved water retention in the soil.

Native wildlife has also increased, and the additional income the carbon project provides has been invested back into the local economy via machinery and infrastructure investment which has gone back to local suppliers and has helped hire local contractors.

Key Benefits

- Carbon sequestration to mitigate climate change.
- Regeneration of native forest with active management and protection for 100 years.
- Supporting the local ecosystem with improvements in native flora and fauna.
- Improved drought resilience.
- Investment in the local economy and creation of jobs.

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Advancing Gender Equity

We Commit to Closing Economic Gender Gaps

In 2021, the World Economic Forum's Global Gender Gap Report estimated that it would take over 250 years to close the gender gap for economic participation and opportunity. While the report did note a marginal improvement from 2020, it also highlighted that women are still underrepresented in leadership seats, occupying only 27% of manager positions.

The impact of COVID-19 on economic gender gaps is yet to be fully measured, but preliminary results in the Global Gender Gap report indicate an asymmetric impact to the participation of women in the workforce.

The UN's SDG goal for Gender Equality remains a pressing challenge in 2022, and as responsible stewards of capital, Artesian is determined to be part of the solution.

Artesian is committed to improving the economic gender gap by using our position and influence to invest with a gender lens, educate and engage with our industry partners and support female and non-binary leaders. Artesian has committed to effecting change in four key areas:

1. Backing female and non-binary founders and fund managers.
2. Engaging with the VC industry on integrating gender into investment decision making.
3. Engaging with corporations on gender equality.
4. Amplifying the work of women impact leaders.

In fixed income, markets have recognised that public companies addressing gender metrics benefit from better margins, lower costs of capital and higher retention rates for human capital. As such, it is a metric by which we engage with the companies we invest in.

Similarly in private markets, Artesian believes that talent is evenly distributed but opportunity is not. Female-led businesses can bring unique perspectives to traditionally male-dominated industries and capitalise on new, unexplored market opportunities. More importantly for venture capital, they offer a differentiation of perspective and exposure that adds to financial diversification and return profile.

This year Artesian launched a dedicated $100m Female Leaders VC Fund, in partnership with Scale Investors.

Advancing Gender Equity

Gender Impact in Fixed Income

Kurt Tan
Managing Director, Head of Impact Measurement and Reporting

Dylan Er
Fixed Income Analyst

John McCartney
Co-Founding Partner, Chief Risk Officer, Head of ESG

Vicky Lay
Partner, Head of Impact Investments

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Female Board Representation

95% of bonds held have at least 1 female board member

- 95% female board representation was achieved for investments in the Artesian Green and Sustainable Bond Fund, the Artesian Corporate Bond Fund, and the Artesian High Impact Green Bond Fund.
- For our positions where issuers do not have female board representation, we are going to work with the issuer to find out why they have not addressed gender imbalance at the highest levels of the company.
- While gathering female board representation metrics, we discovered that though some issuers have female board representation at the multi-national/parent level – the local Australian subsidiary, from which the bonds have been issued – does not have gender balance on the board.

Gender Pay Gap

30% of issuers have reported on gender pay gap

- When working on the gender pay gap metric – which we see as a strong indicator of commitment to equality, we were pleasantly surprised to find that 30% of the issuers in the portfolio had reported, versus the Equileap[7] universe of public companies at only 17%.
- Another insight was revealed from sovereign and supra-national issuers where we had expected a higher reporting standard – but we have seen several states/territories and supra-national issuers not reporting this metric despite their declared goals around equality for all. Again, we have flagged this as a priority for engagement for the next reporting period.

2022/23 Corporate Issuer Engagement Strategy

We have flagged female board representation and gender pay gap reporting and disclosure, as our two priority areas for engagement for the next reporting period.

As an example, while governments report on the gender pay gap for the general populace, we found some state government issuers lack gender pay gap disclosures for their own employees.

7. Equileap research and rank over 3,500 public companies around the world using a unique and comprehensive Gender Equality Scorecard™ across 19 criteria, including the gender balance of the workforce, senior management and board of directors, as well as the pay gap and policies relating to parental leave and sexual harassment.

Advancing Gender Equity

Gender Impact in Venture Capital

Ali Clunies-Ross
Portfolio Manager

Ananya Sinha
Venture Capital Analyst

Jeremy Colless
Co-Founding Partner, Chief Executive Officer

Melody Zhang
Portfolio Manager

Gender Representation in Startup Teams

+63% female founded startups across our VC portfolio[8]

- Startups with male-only founders receive more than 85% of global VC funding, while those with female-only founders receive less than 3%.
- To address this systematic gender bias, we established the Female Leaders VC Fund to focus on identifying high-growth startups overlooked by other VCs and underrepresented in Artesian's existing portfolio.
- We look to back best-in-class female leaders in any industry, but are exploring ventures which we see are generating additional gender equality "impact alpha" for the maximum number of stakeholders and view this as part of the gender arbitrage that we believe will generate excess returns.

Female Economics as a Force Multiplier

$45m in VC funding unlocked for women entrepreneurs

- Through investment and field-building activities, we seek to activate and mobilise capital for female leaders, normalise and advance gender-smart investing practices across the Asia-Pacific, and increase transparency and disclosure of data in VC.
- Artesian believes that by providing more opportunities for female founders, investors, directors and executives in startups, we generate momentum for women to gain greater representation in later-stage ventures and public companies, helping to build a fly-wheel effect for female economic empowerment.

2022/23 Startup Engagement Strategy

We have flagged female and non-binary representation at founder, board member, and executive levels, as well as gender-equal workplaces, as our two priority areas for engagement for the next reporting period.

For example, Artesian will engage with VC portfolio companies to improve their Diversity, Equity, and Inclusion (DEI) policies and practices for recruiting and retaining diverse talent.

8. Percentage increase of startups with at least 1 female founder

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Advancing Gender Equity

Launch of Artesian Female Leaders VC Fund

In November 2021, Artesian launched the $100m Female Leaders VC Fund in partnership with leading female-focused angel investor group, Scale Investors. The Fund has attracted $45m of cornerstone investment from industry super funds, Hostplus and legalsuper.

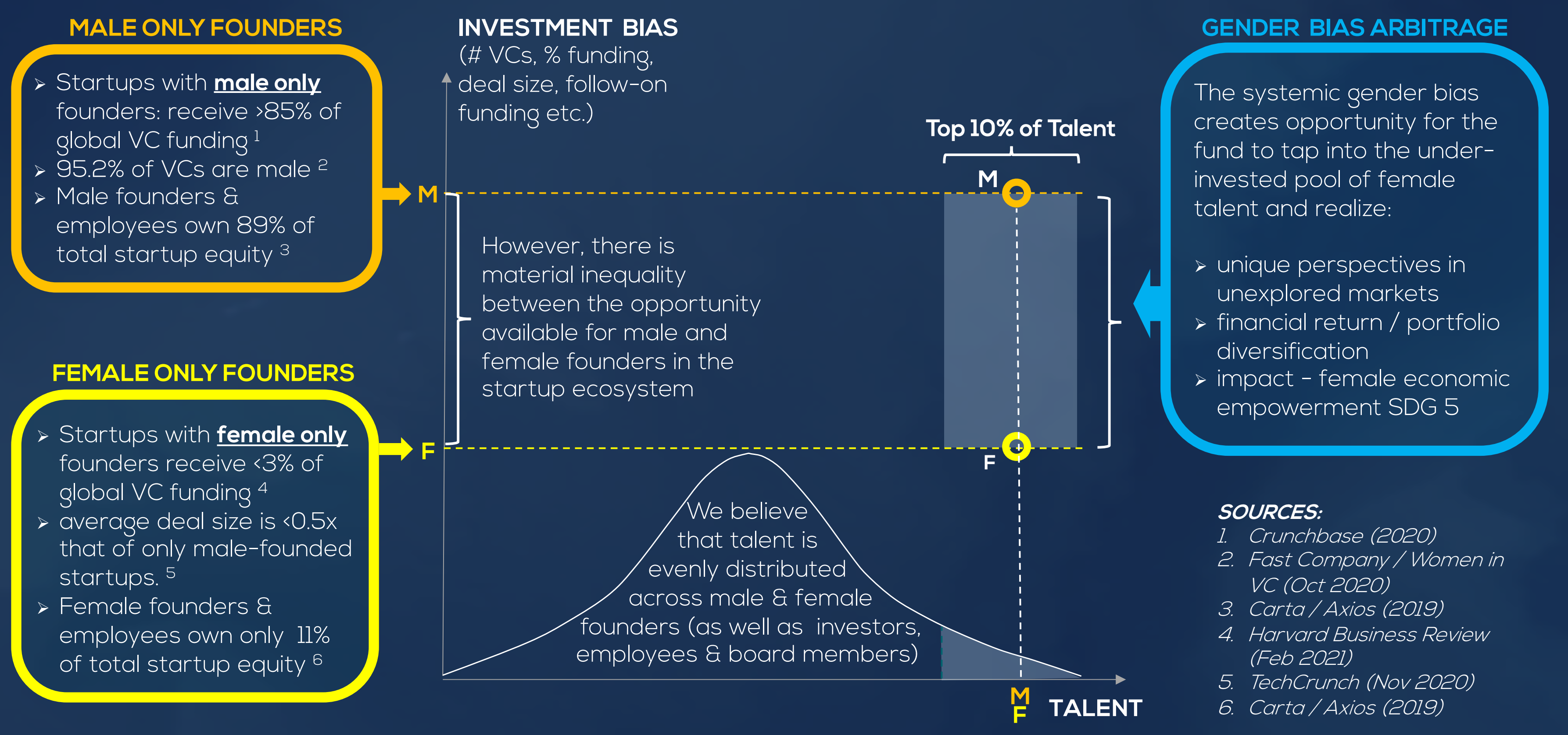
Backing Female and Non-Binary Founders

Talent is Equally Distributed, But Opportunity is Not

The Female Leaders VC Fund will exclusively target Series A and B rounds of high-growth female-led ventures across the Asia Pacific region.

Artesian and Scale recognise that talent is evenly distributed across male and female founders (as well as investors, employees, and board members). However, there is material inequality between the opportunity available for male and female founders in the startup ecosystem.

GENDER BIAS ARBITRAGE IN VENTURE CAPITAL



Examples of material inequality:

- Startups with male-only founders receive >85% of global VC funding.
- 95.2% of VC investment partners are male.
- Male founders and employees own 89% of total startup equity.
- Startups with female-only founders receive <3% of global VC funding.
- Average deal size of female-founded startups is <0.5x that of male-founded startups.
- Female founders and employees own only 11% of total startup equity.

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Advancing Gender Equity

Launch of Artesian Female Leaders VC Fund

This endemic gender inequality has resulted in asymmetrical capital distribution and a relative value pricing opportunity. The Female Leaders VC Fund will address this market failure and target strong returns by providing financial and strategic support to the unique perspectives, unexplored business opportunities and under-invested talent of female founders in Australia, NZ, and the broader Asia Pacific region.

Artesian's Proprietary Gender Framework

Artesian has developed a proprietary Gender Diversity Criteria Assessment Score (GDCAS) to be used during the sourcing and deal pipeline process to establish which startups are eligible for potential investment from the Fund.

Artesian hopes that the GDCAS will be adopted more broadly, across the ecosystem, to benchmark gender diversity in early-stage companies, provide greater transparency, and a means by which to measure future impact and progress.

GENDER DIVERSITY CRITERIA ASSESSMENT SCORE

CRITERIA:

The following criteria are assessed during the sourcing and deal pipeline process to establish which startups are eligible for potential investment from the Fund[1].

GENDER DIVERSITY CRITERIA	MAX. POINTS
% female founders (& equity stake)	50
% representation of women in executive management e.g. CEO, COO, CFO, CTO	20
% representation of women on the board	20
Public commitment, transparency & accountability to gender equality[2]	10
Gender Diversity Criteria Assessment Score (GDCAS)	100

GDCAS = Criteria% x Points

Generally, a GDCAS >40 points is required for a startup to be eligible for an investment[1].

1. The Investment Committee will use GDCAS as a guideline for eligibility. The committee will have the ability to approve exceptions, and these exceptions will be documented and reported to LPs (along with scores for all portfolio companies).
2. UN Women's Empowerment Principles (UNWEP) as key guideline

EXAMPLES:

STARTUP 1 — INELIGIBLE

- 3 founders (1 female, 2 male - each with equal equity stakes)
- 1 female executive (CTO)
- 1 woman on 4-person board,
- no public commitment, transparency & accountability to gender equality

CRITERIA	WEIGHTING	SCORE
Percentage of female founders (and equity stake)	33% x 50	17
Representation of women in executive management e.g. CEO, COO, CFO, CTO	25% x 20	5
Representation of women on board	25% x 20	5
Commitment, transparency & accountability to gender equality	0% x 10	0
	GDCAS	27

STARTUP 2 — ELIGIBLE

- 2 founders (1 female, 1 male - each with equal equity stakes)
- 2 female executives (CEO & CFO)
- 2 women on 4-person board,
- public commitment, transparency & accountability to gender equality

CRITERIA	WEIGHTING	SCORE
Percentage of female founders (and equity stake)	50% x 50	25
Representation of women in executive management e.g. CEO, COO, CFO, CTO	50% x 20	10
Representation of women on board	50% x 20	10
Commitment, transparency & accountability to gender equality	100% x 10	10
	GDCAS	55

STARTUP 3 — ELIGIBLE

- 2 founders (2 female)
- 3 female executives (CEO, CTO & CFO)
- 3 women on 4-person board,
- public commitment, transparency & accountability to gender equality

CRITERIA	WEIGHTING	SCORE
Percentage of female founders (and equity stake)	100% x 50	50
Representation of women in executive management e.g. CEO, COO, CFO, CTO	75% x 20	15
Representation of women on board	75% x 20	15
Commitment, transparency & accountability to gender equality	100% x 10	10
	GDCAS	90

GDCAS is calculated using a points system based on the criteria below, with a maximum total of 100:

- Percentage of female founders (and equity stake).
- Representation of women in executive management.
- Representation of women on the board.
- Public commitment, transparency and accountability to gender equality.

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Advancing Gender Equity

Launch of Artesian Female Leaders VC Fund

Artesian is the investment manager for the Female Leaders VC Fund, which has a predominately female investment team including Partners, Mei Lee and Vicky Lay, as well as portfolio managers, analysts and legal/operations staff including Ali Clunies-Ross, Ananya Sinha, Melody Zhang, Fiona Zheng, Kate Robinson, Kirsten Bernhardt, Channing Chen, Diana Tong, Jenny Chu, and Mary Cansicio.

A Predominantly Female Investment Team

> "Female-led startups suffer underinvestment not due to a lack of talent, but from the lack of opportunities caused by cognitive biases and pattern recognition in an industry where 95.2% of VCs are male. Artesian has recognised the chance to invest in an opportunity hiding in plain sight – female led startups raising Series A and Series B funding. Artesian relishes our role as first-movers and ecosystem builders and believe that you do not have to sacrifice market leading returns while delivering transformational change."

Ali Clunies-Ross
Portfolio Manager

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Engagement, Outreach and Milestones

2021/22 Impact Timeline

July 2021

Partner, Vicky Lay, discusses green bonds, impact startups and best practice impact reporting on the Good Future Podcast.

Investor Education

August 2021

Artesian's Sydney Angels Sidecar Fund investment, Clarity Pharmaceuticals, lists with an initial market cap. of $360M, making it the largest biotech IPO in the history of the ASX – a 9-year angel investment journey and win for SDG#3!

Milestone

September 2021

Portfolio Manager, Ali Cllunies-Ross, included in KPMG's "30 Voices on 2030: The Future of Energy."

Industry Recognition

Partner, David Gallagher, participates in the 2nd Annual ESG Survey in the first-ever edition of KangaNews Sustainable Finance Magazine.

Industry Engagement

Partner, Gilles Planté, demystifies startup valuations for healthtech/medtech angel investors in collaboration with LaunchVIC.

Investor Education

Co-founding Partner, John McCartney, discusses investing in the environmental and infrastructure sectors at a COIN-hosted webinar.

Investor Education

October 2021

The Clean Energy Finance Corporation (CEFC), the $10bn investment arm of the Australian Government, invests $25M in Artesian's Australian Green and Sustainable Bond Fund.

Australian Government

cefc

Milestone

November 2021

Portfolio Manager, Ali Clunies-Ross, speaks at the Impact X Summit session "Shifting Capital - Bringing new technologies to scale" and participates in Energy Tech Hub's webinar about the emerging investment opportunities for investors as part of the energy transition.

Investor Education

5 GENDER EQUALITY

Launch of the $100m+ Female Leaders VC Fund with community partner Scale Investors, targeting Series A/B rounds of female-led startups underrepresented in VC portfolios in the Asia Pacific region.

Milestone

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Engagement, Outreach and Milestones

2021/22 Impact Timeline

March 2022

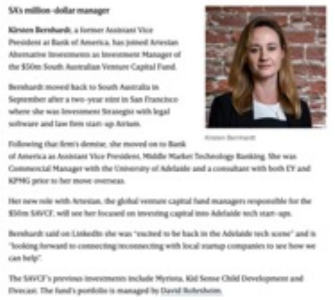
Artesian signs up to the Beyond the Billion pledge campaign to invest in more female-founded startups.

BEYOND THE BILLION

Industry Engagement

February 2022

Artesian welcomes Kirsten Bernhardt to its South Australia office, expanding its female investment team.



Diversity, Equity, & Inclusion

November 2021

Partner, Vicky Lay, speaks at an ESG in VC panel at the 13th Women's Private Capital Summit in New York.

Investor Education

Partner, Vicky Lay, participates as a speaker/guest on:

UNCDF Unlocking Public and Private Finance for the Poor

1) UNCDF panel to about how VCs can support female entrepreneurs;

THE SUSTAINABLE FINANCE PODCAST

2) The Sustainable Finance Podcast about jumpstarting VC funding for female-led startups; and

IMPACT INVESTMENT SUMMIT ASIA PACIFIC

3) "Reaping What We Sow" ESG panel at the Asia Pacific Impact Investment Summit.

Investor Education

Artesian welcomes Ananya Sinha to its Sydney office as a venture capital analyst, expanding its female investment team.

Diversity, Equity, & Inclusion

Portfolio Manager, Ali Clunies-Ross, rings the ASX market open bell to celebrate International Women's Day 2022.

Industry Engagement

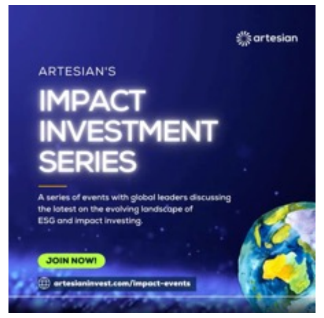
April 2022

Artesian hosts an Impact Investing and ESG event in Melbourne. Partner, John McCartney, presents on:

"The Future of Investing: Positive Impact as the third dimension of investing."

Investor Education

June 2022



Launch of Artesian's Impact Investment Series.

Investor Education

May 2022

Analyst, Ananya Sinha, moderates City of Sydney panel on Diversity and Web3.

Industry Engagement

Artesian certified as a B Corporation.

Certified B Corporation

This company meets the highest standards of social and environmental impact

Milestone

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Engagement, Outreach and Milestones

History of Collaborations & Partnerships

Scale Investors

Scale Investors is Australia's first and only network of angel investors committed to investing in and empowering exceptional women entrepreneurs.

Artesian has partnered with Scale Investors on the Female Leaders VC Fund and a series of startup and female angel investor events.

UNCDF

The UN Capital Development Fund makes public and private finance work for the poor in the world's 46 least developed countries (LDCs).

Artesian launched an impact partnership with UNCDF to support gender-lens investing, boost female leaders in the corporate workplace, and support women's economic empowerment in the world's 47 Least Developed Countries ('LDCs').

Beyond The Billion

In 2018, Beyond the Billion began a pledge campaign for The Billion Dollar Fund for Women, aiming to address the gender gap in venture investing. The goal was met in under 9 months and the campaign ended successfully in 2020. Since then, Beyond the Billion has launched a second campaign that will run till 2023, supporting women-led innovation by directing capital towards funds for female-founded companies.

Artesian pledged its commitment to Beyond the Billion in March 2022, becoming the first Australian VC firm to do so.

SheSyndicate

SheSyndicate is a 501(c)3 non-profit organisation that aims to economically empower women and girls around the world through education, research opportunities, mentorship and capital stewardship.

Artesian is the proud founding sponsor and supporter of SheSyndicate.org.

Equileap

Equileap research and rank over 3,500 public companies around the world using a unique and comprehensive Gender Equality Scorecard™ across 19 criteria, including the gender balance of the workforce, senior management and board of directors, as well as the pay gap and policies relating to parental leave and sexual harassment.

Artesian and Equileap are impact partners on the Women's Economic Empowerment Bond Fund.

Grains Research & Development Corporation

The Grains Research and Development Corporation (GRDC) is one of the world's leading grains research organisations, responsible for planning, investing in and overseeing RD&E to deliver improvements in production, sustainability and profitability across the Australian grains industry.

Artesian has partnered with Grains Research and Development Corporation (GRDC) to establish the $50m GrainInnovate fund to boost innovation in the grains industry.

Engagement, Outreach and Milestones

History of Collaborations & Partnerships

“At Artesian, we strive to be a force for change in our investments. We seek to actively engage and assist our portfolio companies in exploring ways to align their business, strategy, and operating policies with best practice international standards and ESG frameworks.”

Mei Lee

Partner, Head of Operations

Grain Corp

GrainCorp is a leading agribusiness and food-ingredients processor, proudly connecting with customers and rural communities to deliver value through innovation and expertise.

Artesian has partnered with GrainCorp on their $30m Agtech VC fund investing in startups that help build a sustainable future for Australia.

Clean Energy Finance Corporation

The Clean Energy Finance Corporation (CEFC) is an Australian Government-owned Green Bank that was established to facilitate increased flows of finance into the clean energy sector.

Artesian and the CEFC established the Clean Energy Seed Fund which invests in scalable, high growth potential startups, encouraging innovation and creating opportunities in the development of clean technology. The CEFC are also an investor in the Artesian Green & Sustainable Bond Fund.

Future Super

Future Super is an Australian retail superannuation fund that offers superannuation services, focusing on zero fossil fuel investment and on holistically ethical investment with an emphasis on clean energy projects.

Future Super seeded the Artesian Green and Sustainable Bond Fund in September 2020, the fund invests in a diversified portfolio of green, sustainable and social bonds issued by companies and governments.

HostPlus

Hostplus is the industry superannuation fund with over 1.3 million members and $68bn in funds under management (30 June 2021).

Artesian launched its first Clean Energy Seed fund in 2016, with thought/market leaders such as CEFC, Australian Ethical, Future Super and Hostplus as investors.

In 2021, Hostplus seeded Artesian’s Female Leaders VC Fund with a $45m of cornerstone investment, alongside Legalsuper.

Legalsuper

Founded in 1989, Legalsuper is the industry super fund dedicated to the legal community. With over 41,000 members, more than 10,000 employers and over $5bn funds under management.

In 2021, Legalsuper seeded Artesian’s Female Leaders VC Fund with a $45m of cornerstone investment, alongside Hostplus.

Brinc

Brinc is one of Asia’s most active accelerators platforms with 15+ programs, a portfolio of 150+ startups and a global network of co-investors and corporate partners.

In 2019, Brinc and Artesian launched a Sydney-based accelerator to invest in and support clean energy and climate conscious startups in Australia.

Artesian believes that a cross-asset class approach to impact investment, informed by a deep understanding of cutting-edge innovation and technology, creates superior and sustainable strategic and financial returns.

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