

KALKINE MAGAZINE

- | Meet the legendary investor
- | Battery management system in EVs
- | Interest rate projections amidst recovery
- | Throwback: Tokyo Olympics 2020

SEPTEMBER 2021



ABOUT KALKINE

Kalkine Group is a prominent name in the subscription & media sales line of business. A renowned equity market research, investor relations and media house firm, Kalkine caters to the share markets of Australia, the UK, Canada, United States, and New Zealand. The Company is also eyeing the growing Ireland market.

Kalkine Media provides trending and live news articles about listed companies belonging to diverse sectors and market commentaries. Interestingly, Kalkine Media also operates on the model of Advertiser – a Publisher firm under its B2B umbrella, providing a dedicated platform to the subscribed clients to leverage various offerings like exclusive banners, sponsored article coverages, videos, and podcasts.

Periodic investor focused events and webinars provide a crucial platform for several listed players/ private companies to present their business vision amidst broader industrial landscape and to interact with core audience including Brokers, Fund Managers/SMSF Investor Managers, Sophisticated Investors, Senior Business Executives and Retail Investors.

TEAM KALKINE

Team Kalkine comprises specialists including equity, currency, commodity, and economic analysts providing in-depth unbiased up-to date analysis. The team of analysts, sector-specific journalists and editors have hands-on experience in developing industry breaking and trending equity and economic news. The team strives to work on the vision of establishing a strong foothold, primarily as a reliable media firm.



KUNAL SAWHNEY

Founder & CEO

Kunal Sawhney is the Founder & CEO of Kalkine Group and is a richly experienced and accomplished financial professional with a wealth of knowledge in the Australian Equities Market. His knowledge, skillset and vision provided all the perfect ingredients required to start one of the fastest growing equity market research firms across Australia. This was further supported by the aim of channelising energy and enthusiasm towards the stock market into a leading Media Research Firm.

KALKINE FOOTPRINT



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NOTE FROM THE EDITOR

Before the Pandemic struck us, August used to be the 'Back to school' month. As of now, who knows what the school year will look like? This month, we feature the investment guru – Mr. Warren Buffett. As Warren Buffett celebrates his 91st birthday on 30 August 2021, we decided to offer you a glimpse into the life of this legendary investor.

Ever wondered what is the role of battery management system in electric vehicles? Get the answers in our special feature in the September issue of the Kalkine Magazine.

Silicon Valley, often known as the 'start-up heaven,' has produced business miracles like Amazon, continuously uprooting the conventional processes through the arsenal of modern technologies. Amazon has had a great run in the past decades, from a humble book e-seller to the trillion-dollar tech poster boy - all this under the leadership of its founder Jeff Bezos. Exactly 27 years after its inception, Jeff Bezos on 5 July 2021 passed the baton to the Harvard Graduate Andy Jassy. In the August issue, we discuss whether Jassy will keep Bezos's legacy alive at Amazon and the road ahead for Jassy.

Over the past 18 months, global economies have been witnessing some notable changes amidst the COVID-19-led crisis while gradually reviving from the contractionary to expansionary phase. The world saw most countries resorting to near-zero interest rates as a large-scale expansionary measure to stimulate economic growth and cope with contractionary pressure. Must read is the section on how are interest rate projections taking shape as economies recover?

The September issue also gets quick Insights from our esteemed Clients – Nova Minerals and the EarlyBirds platform.

Don't miss our special feature on the Tokyo Olympics 2020 - The Sum and Substance of Tokyo Olympics 2020. What made this year's Olympics extremely special? We give you the lowdown.

Hope you enjoy the August issue of Kalkine Magazine as much as we did creating it for you. For any queries and suggestions, do write to us at

Happy Reading!

Team Kalkine Media

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Warren Buffett: Inside the journey of the legendary investor

01



As Warren Buffett celebrates his 91st birthday on 30 August 2021, we decided to offer you a glimpse into the life of this legendary investor.

As Warren Buffett celebrated his 91st birthday on 30 August 2021, we decided to offer you a glimpse into the life of this legendary investor.

As Warren Buffett celebrated his 91st, gradually moves towards the century mark, his net worth has already crossed US\$100-billion barrier this year. As he celebrated his 91st birthday on 30 August 2021, we decided to give you a snippet of the life of this legendary investor, who is ranked the 9th richest man in the world, according to Forbes.

Warren Buffett's interest in money can be understood by the fact that he made his first investment at the age of 11, buying six shares of Cities Services (although he still considers he started late). He also sold soft drinks, started installing



pinball machines at barber shops at a very early age to make an income flow years before his university days. After completing his graduation, he applied to Harvard Business school only to get “rejected”.

Later on, he studied under Benjamin Graham at Columbia University, who is also known as the father of value investing. Buffett internalised the concepts of value investing from him and his bestseller book ‘The intelligent Investor’. In 1956, he started his own venture Buffett Associates Ltd and by 1962, he was 30 years old and had already become a millionaire.

Along the way of his investment journey, he purchased a distressed textile business, Berkshire Hathaway. He soon shut down the textile business but kept the name as it is and eventually turned it into a multi-billion dollar holding company, buying companies under this entity.

Apart from a successful investor, he has also been on the forefront of philanthropy. He has been giving away money since a long time primarily through the Bill and Melinda Gates Foundation. Adding to his long list of charities, as recent as June 2021, he donated US\$4.1 billion to five foundations in the form of his Berkshire shares. Buffett now roughly holds about

238K shares of Berkshire Hathaway, making him halfway through his quest to pledge all of his 474K shares he owned in June 2006.

By now, it is estimated that Buffett has donated around a whopping US\$41 billion in the form of his Berkshire shares. Currently, some of his biggest holdings are in Apple, Bank of America, The Coca-Cola Company that have only skyrocketed his wealth towards US\$ 100-billion mark. He has been compounding his returns at a compounded annual growth rate (CAGR) of around 20%, which might not seem too much. However, that’s a compounded growth of over five decades.

Warren Buffett’s journey hasn’t been as smooth as it looks. There have been quite a few ups and downs in both his professional and personal life. His investment in Dexter shares turned out to be a disaster, losing him a whopping US\$3.5 billion. Another big mistake was investing in Tesco shares. The UK-based grocer overstated its profits, leading to a crash in its share price. He admitted that he should have sold the shares way earlier as he already had some concerns regarding the management. It ultimately costed Berkshire US\$444 million after-tax loss.

However, Buffett's discipline to stick to his niche also led him to miss a few opportunities such as Amazon, Google, Facebook as these new-age internet businesses are not his forte. However, he still has made his way to the US\$100-billion club.

Most investors won't share their secrets, but Buffett loves to share his insights and opinions. His numerous interviews and annual shareholders' letters are enough to deep-dive into the brain of arguably the best investor of the 20th century. He might not be able to predict which company's share price would fall or rise in the next few months, but he surely knows which companies would still be there in the next 10 years.

He is also very open to his disliking towards the hedge fund industry, for which he has gained a small number of haters. He says the exorbitant fees hedge funds charge do not justify the returns they generate. In 2008, he even went ahead and challenged a hedge fund Protégé Partners LLC to beat S&P 500 return post cost, placing US\$1 million. To not much of his surprise, he won the challenge.

This is what he tried to convey multiple times, that over a long haul, passive investing tends to beat most of the handpicked portfolios, especially when post cost returns are talked about.

As the Oracle of Omaha has turned 91, he still has no plans to step down as the Chairman and CEO of Berkshire Hathaway. However, in case the situation requires someone to succeed him, he has named Greg Abel who oversees conglomerate's non-insurance businesses to be an ideal candidate to continue his legacy at Berkshire Hathaway.

What is the role of a battery management system in electric vehicles?

02



EV like a new evolutionary product is still in the growth phase where range, pricing is still being improved quickly.

Supervisory control and data acquisition (SCADA) is a complex system of software and hardware elements that plays out critical function in supervision and response to ensure the safety in a pipeline transport system. Similarly, a Battery Management System (BMS) is an integral component of an electric vehicle and is used to ensure the safety and efficiency of the battery packs.

BMS is necessary to minimise any risks posed and optimises the battery performance, thereby maximising the range of your EVs and providing a better holistic customer experience.

While EV like a new evolutionary product is still in the growth phase where range, pricing is still being improved quickly. The EV owners have often



Source: © Marsia16 | Megapixl.com

commented that their EVs have not given mileage and range that it indicates.

The responsibility of an electric vehicle manufacturer does not end with integrating an electric motor, controllers, sensors and batteries, this is where a battery management system pitches in. Sometimes these vehicles need to recalibrate themselves to perform optimally. BMS manages an algorithm which adapts over time and regularly calibrates itself. All in all, the BMS keeps a thorough check on the parameters that ensure safety and performance of the vehicle, and further on, may respond to any anomalies.



How is overcharging of batteries managed by EVs?

The overcharging of Lithium-ion battery packs in electric vehicles is a common issue. The Lithium ion battery packs are chosen for their compact size due to the high energy density feature (100-250 Wh/kg) in comparison to other battery chemistries.

The overcharging of an electric vehicle may cause the temperature to rise continuously and end up with a thermal runaway or a

potential explosion. Don't worry, BMS is there to manage that. BMS continuously monitors the voltage, current and temperature of critical components of the vehicle including the battery pack and can trigger off safety/response mechanisms to keep these parameters under safe levels. In case of overcharging and overheating, the most common response by a BMS is to limit the power output of the vehicle and put the car in safe mode.

How is the performance of an EV optimised?

The overcharging or deep discharging may degrade the battery performance or its lifecycle in the long term. So, a BMS evaluates the current that can safely charge the battery packs and communicates the same to other critical units.

The BMS is responsible for the

simultaneous charging of vehicles while in use from regenerative braking. The individual cells of the battery pack may not have consistency in capacity over time, which may increase or decrease the charge/discharge cycle timespan. In such a case, cell balancing is performed by the BMS.

How does BMS diagnose and communicate with EV components?

The BMS collects different parameters to evaluate the State of Charge (SoC) and the overall health, also called State of Health (SoH), of the battery packs. The BMS logs and stores the error codes and relays the message to customer if required and to the EV manufacturers, so that any such glitch in the system may be sorted

in the upcoming upgrade or software releases by the company. The BMS is also the communication centre of your EV and continuously stays in touch with your ECUs (Electronic Control Units) of the vehicles.

Can Jassy keep Bezos's legacy alive at Amazon?

03



Exactly 27 years after Amazon's inception, Jeff Bezos on 5 July 2021 passed the baton to Harvard Graduate Andy Jassy.

Silicon Valley, often known as the 'start-up heaven,' has produced business miracles like Amazon, continuously uprooting the conventional processes through the arsenal of modern technologies. To say that Amazon has changed the way we shop would be an understatement, as its disruptive solution has become the mainstream element of our modern world.

Amazon has had a great run in the past decades, from a humble book e-seller to the trillion-dollar tech poster boy - all this under the leadership of its founder Jeff Bezos. Exactly 27 years after its inception, Jeff Bezos on 5 July 2021 passed the baton to the Harvard Graduate Andy Jassy.



Image Source: © Ababil12 | Megapixl.com

It is, however, not the first-of-a-kind change as other big tech firms such as Apple, Google, and Microsoft have undergone similar transitions in the past.

Nevertheless, with Amazon's gargantuan size and the impact, all eyes are on its new CEO and President Andy Jassy, especially when he has big shoes to fill.

Andy Jassy's Amazon journey

Andy Jassy has been associated with Amazon since he graduated from Harvard Business School in 1997. He built Amazon Web Services from scratch after the team was founded in 2003. Jassy was officially named the CEO of Amazon's cloud platform in 2016.

Jassy has successfully driven AWS, turning it into a dominant player. As a result, Amazon controls more than one-third of the global cloud infrastructure services market, followed by other big tech firms such as Microsoft and Google.

How much would Andy Jassy draw?

Andy Jassy, who is a close confidant of Jeff Bezos, would receive shares valued at US \$214 million, as of 2 July 2021 over a period of ten years.

The Company, in the regulatory filing, also indicated that Jassy's base salary would be US \$175K.

Moreover, he has over US \$45 million worth of previously awarded stock, which is vesting in 2021 and has had US \$41.5 million vest in the previous year. Amazon's cloud rival, Microsoft Corp's Satya Nadella had US \$215 million in the stock vest for the fiscal year ended June 30, 2020.



Road ahead for Jassy

Jassy has taken up the reins to lead Amazon at a critical point when the e-commerce giant is under scrutiny by regulators concerning business practices such as the use of third-party data for excelling its own products. Further, the US lawmakers are considering measures to break up big tech giants such as Amazon, amid concerns that these firms have become too dominant and, hence hurting competition.

Jassy would be responsible for extending Bezos's legacy far beyond its brimming e-commerce threshold, as Amazon forays into other prospective areas. The Company appears to have a lot on its platter, from penetrating consumer techs with its Kindle and Echo products range to widening its footprints in physical retail through the acquisition of Wholefoods and the launch of its stores.

As handling the transition smoothly remains a big priority for Jassy, the outcomes of new endeavours and defending Amazon's dominant spot in the e-commerce and cloud computing market would define the success story for the Company's new boss.

How are interest rate projections taking shape as economies recover?

04



At a time when economies are slowly rebounding to the pre-pandemic stage on the back of an expansionary monetary policy, let us observe how interest rate expectations are taking shape.

Over the past 18 months, global economies have been witnessing some notable changes amidst the COVID-19-led crisis while gradually reviving from the contractionary to expansionary phase. The world saw most countries resorting to near-zero interest rates as a large-scale expansionary measure to stimulate economic growth and cope with contractionary pressure.

The monetary policy measure was a recourse for central banks to encourage spending and reduce borrowing costs while bolstering the economy. While it may seem strange to promote spending during uncertain times, central banks believe the more the consumer spends, the more money is fed back into the economy.



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The pandemic saw countries, including Australia, the US, and New Zealand, almost immediately tapering interest rates after implementing the first lockdown. Initially under heavy scrutiny, the move turned out to be a saving grace for these countries along with vigorous quantitative easing programs.

At the time when economies are slowly rebounding to the pre-pandemic stage on the back of an expansionary monetary policy, let us observe how interest rate expectations are taking shape in these territories:

Expectations infused with economic recovery in Australia.

The ongoing economic recovery has unfolded in an unpredictable fashion in Australia, making

optimistic experts unapproving of previous forecasts.



In Australia, certain economists believe that interest rate hike may come to life sooner than expected. The Commonwealth Bank of Australia (ASX:CBA) recently projected that the current improvement in labour market conditions could prompt the central bank to make changes to its monetary policy in late 2022. Meanwhile, Westpac Banking Corporation (ASX:WBC) and Australia and New Zealand Banking Group Limited (ASX:ANZ) also anticipate an interest rate hike prior to 2024.

However, in its latest statement, the Reserve Bank of Australia (RBA) cleared the air on the issue,

stating that the low-interest rate trend is here to stay for a few more years in the central scenario. The stance came in response to unsatisfactory growth in wages, an indicator which the RBA believes is lagging in Australia compared to other countries.

Additionally, price pressures continue to remain subdued in Australia and are not in line with the central bank's target range. RBA governor Philip Lowe recently gave a strong hint that Australia would be the last developed economy to raise interest rates. Dr Lowe highlighted that reaching a 2-3% inflation rate target is a prerequisite for raising cash rates, which would require wage growth back above 3%.

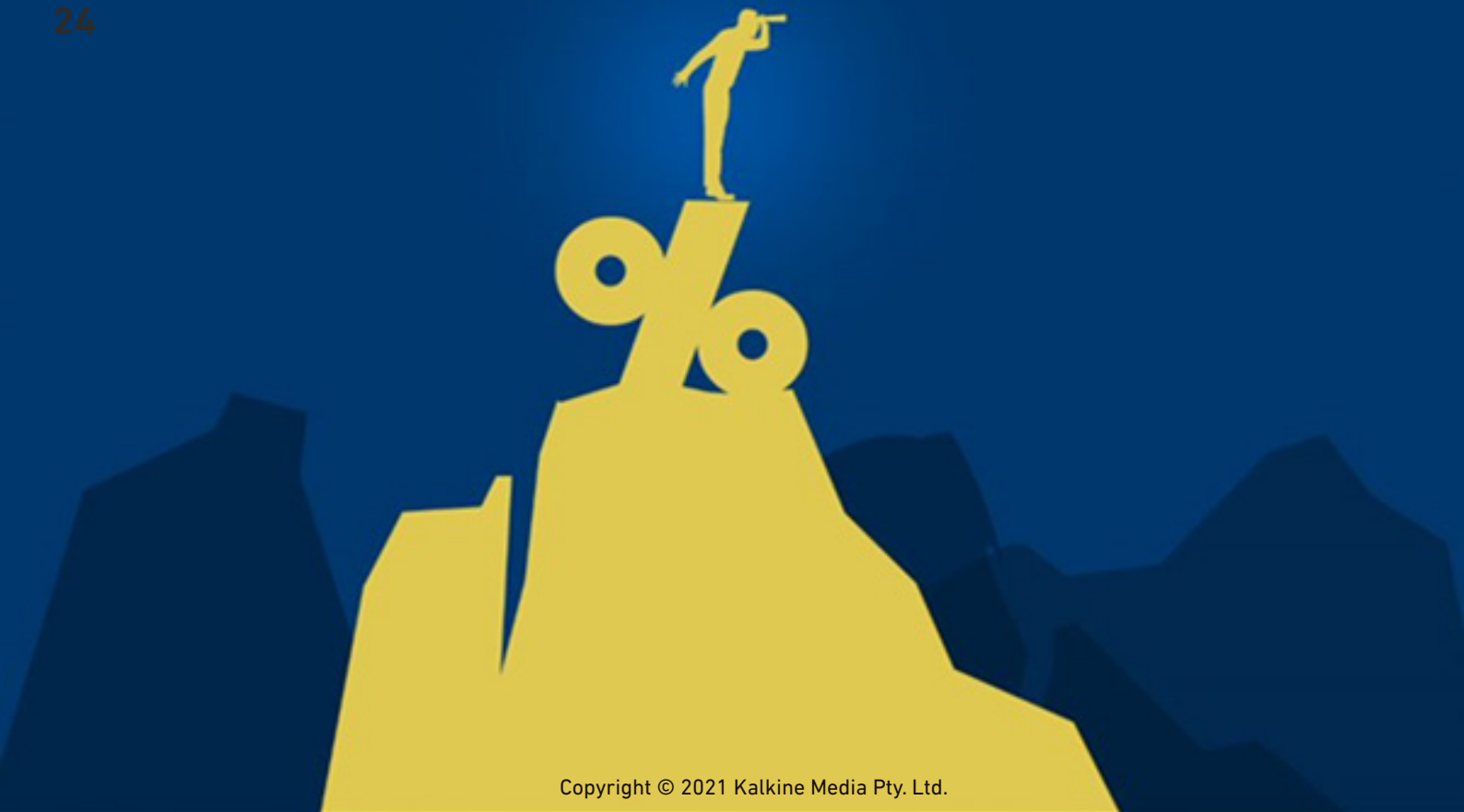
Inflationary pressures stirring the pot in the US & the Kiwiland

In the US and New Zealand, increased inflationary pressures seem to be pulling the strings on interest rates, with several experts anticipating an interest rate surge as soon as next year.

Speculations are rife that the US inflation rate could grow at levels unseen in decades in the coming years. The brisk price increases are more likely to be spurred by strong post-pandemic economic

revival and the Federal Reserve's aggressive expansionary policies.

However, the Federal Reserve has repeatedly reiterated its stance that inflationary pressures will be transitory in nature. While the central bank's strong belief of an eventual decline in price levels reflect that an increase in interest rates is still some way off, the continuation of hotter-than-expected inflationary pressures can trigger early monetary policy tightening.



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A similar set of expectations has built closer to home in New Zealand. Costs and prices have grown substantially in Kiwiland over the past few months. This has urged banking experts and

economists to revise their hike expectations to earlier dates. The Reserve Bank of New Zealand (RBNZ) recently hinted at an interest rate increase as early as September 2022.

While the remarkable pace of economic recovery has invalidated previous forecasts for the US and NZ, Australia continues to sail in the same boat as before. At a time when economies remain locked in a transitional state amid virus concerns, the interest rate projections might take a different shape in the coming months.

Insights from few Kalkine Clients

05



A sneak peek at the recent developments of few of our exclusive clients!

Nova Minerals (ASX:NVA) on fast track in its quest to unlock the Estelle gold District and to list majority owned Lithium projects on the NASDAQ.

Basking in its pristine wilderness, Alaska is well endowed with zinc, lead, gold, silver and coal. Thanks to the region's significant precious and base metals potential, the mining industry has become a cornerstone of the Alaskan economy, providing some of the highest-paying jobs.

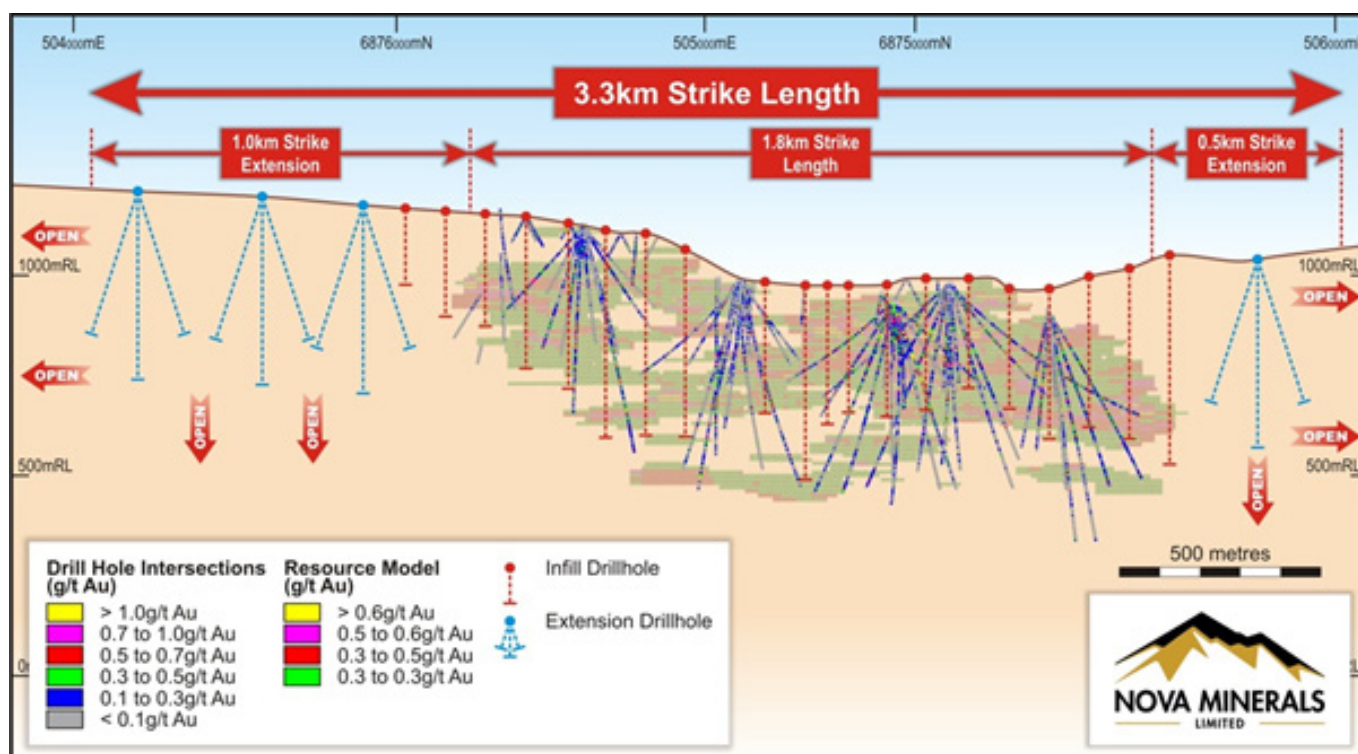
Some of the prominent gold mines operating in the region with considerable production are – Fort Knox Mine, Pogo Mine, Green Creek Mine and Kensington Mine.

A dynamic Australian explorer and developer, Nova Minerals Limited (ASX:NVA|OTCQB:NVAAF|FSE:QM3) holds one of the fastest-growing gold deposits in the Tintina Province of Alaska. The Company operates the Estelle Gold project with a current Mineral Resource of 4.7Moz. The project tenure is spread across 324km², and Nova has identified nearly fifteen priority targets on the project.

Korbel Main: Focus of development activities

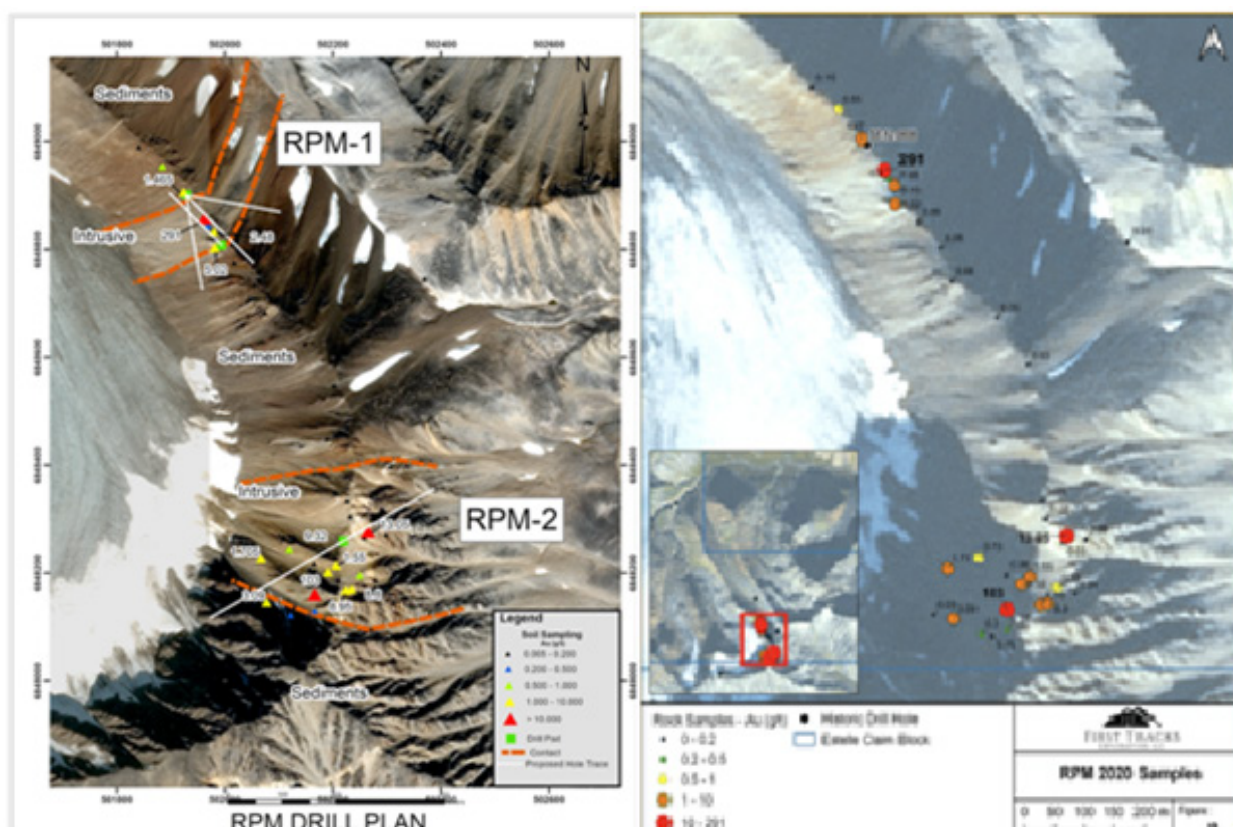
The Korbel Main prospect holds the current Mineral Resource of the Estelle Gold Project. The prospect remains wide open, with

infill and extension drilling ongoing at Korbel Main to upgrade the resources by the end of 2021.



Korbel Main drill hole layout (Image source: Company update, 9 August 2021)

RPM: Next in line for development



SE12-008	From (m)	To (m)	Grade g/t	Width
Intersection	4.27	180.78	0.79	177.39
Includes	26.00	146.40	1.02	120.40
Includes	75.19	125.36	1.76	50.17

Rock samples returned high-grade gold results: 291 g/t, 103 g/t, 13.1 g/t, 9.3 g/t, 9.0 g/t, 8.8 g/t and 5 g/t

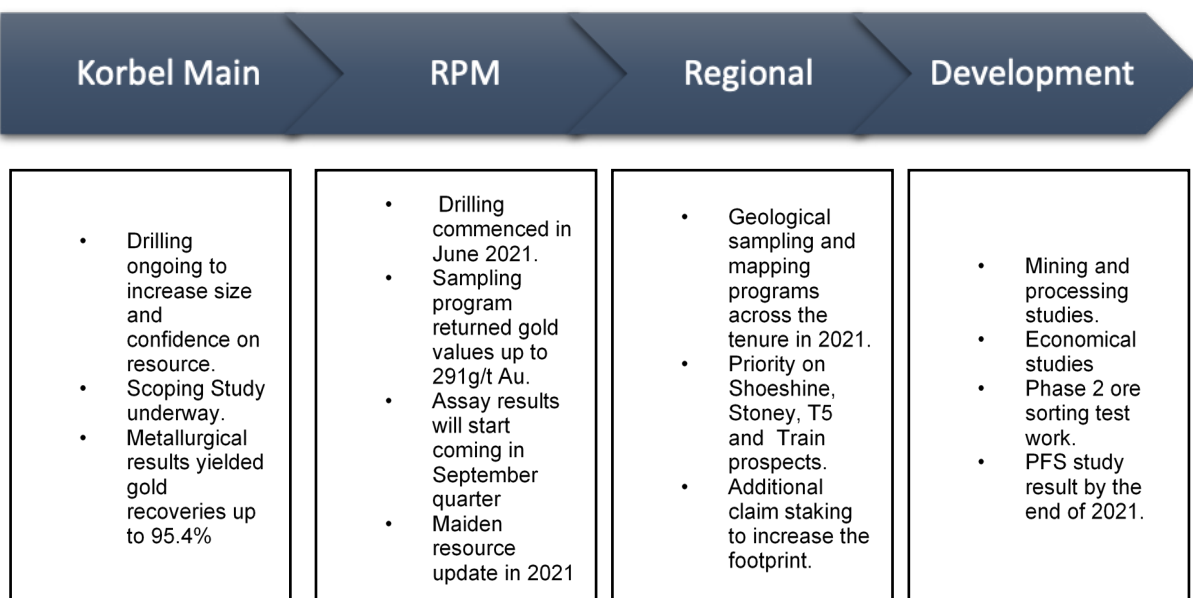
The RPM prospect demonstrates surface features that indicate a larger footprint than what was assumed earlier. A second high-grade zone has now been identified, which is much larger than the previously identified zones in the prospect area.

Nova has carried out extensive reconnaissance mapping and sampling on the RPM. The exploration activities were

targeted towards the south of the Korbel Main deposit. The samples returned significant high-grade gold values of 103g/t and 291g/t from the outcrops.

Nova has put RPM on the list of its high-priority drilling targets for 2021. Drilling is already underway on the prospect, with the first tranche of assay results expected to be out in the September quarter.

This year's key focus

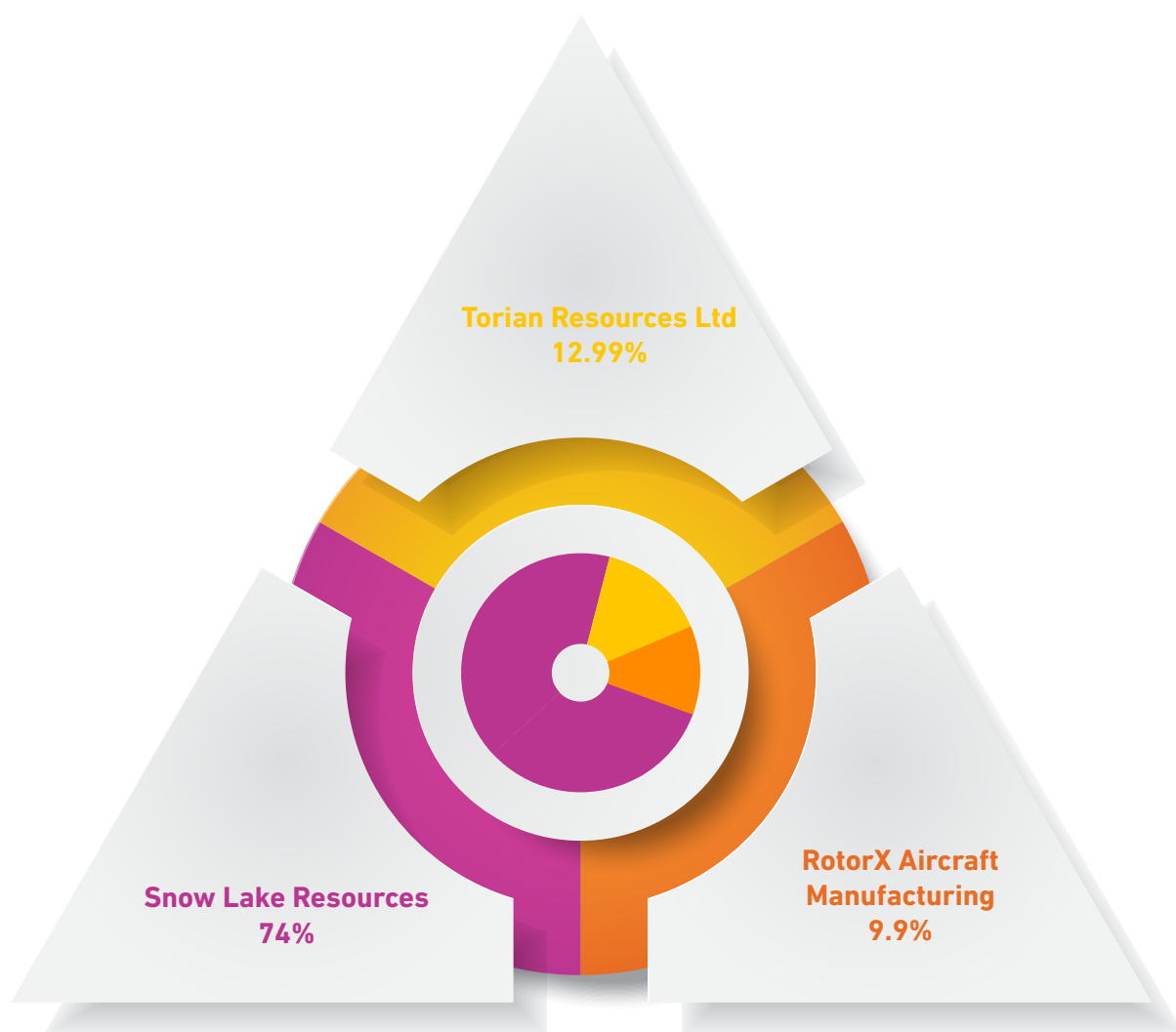


Nova commissions on-site sample prep lab

With the drilling program in progress, Nova decided to have an on-site sample prep laboratory to expedite the assaying process. The in-house prep lab will save considerable time and money for the assay results. The Company has outsourced the operation of the lab to a private contractor.

The private contractor would be responsible for appointing competent and skilled lab technicians for the job. It will also promote transparency in announcing assay results.

Nova Minerals' strategic investments



Percentage interest of Nova Minerals in investee companies (Data source: Company update 7 April 2021)



Snow Lake Resources operates the high-grade Thomson Brother Lithium Project in Canada. The

Company has filed for an initial public offering in the US to raise US\$23 million. F1 Filling here:

Thompson Brothers Lithium Project

The Property

The Thompson Brothers Lithium Project is located 20 km east of Snow Lake, Manitoba in a mining friendly jurisdiction that has seen continuous production of base metals and gold since 1949. HudBay currently operates the nearby Lalor mine and has milling and concentrating facilities in the Snow Lake district.

The Project Objectives

Snow Lake is currently working on two lithium enriched pegmatite dyke clusters on its property with recent efforts focused on the TB-1 deposit.

Future work will entail the completion of a Preliminary Economic Assessment followed by further definition and resource expansion drilling and technical evaluation.

Project Milestones

Snow Lake is confident that its strategic plan, once implemented, will demonstrate the robust mining potential of the Thompson Brothers Lithium project.

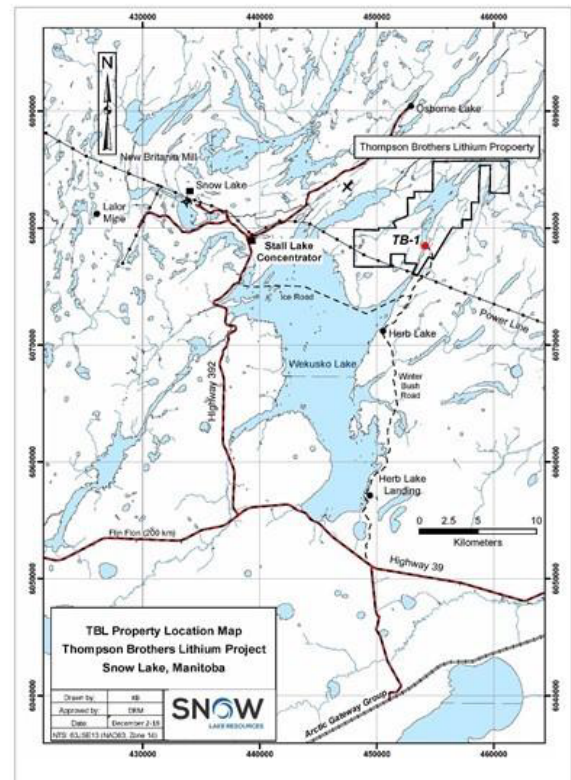


Image Source: Company announcement

RotorX Aircraft

RotorX Aircraft is revolutionizing the eVTOL market and is the world's largest personal helicopter kit

manufacturer. The Company manufactures and sells kits for Phoenix A600 Turbo helicopters.



Image Source: Company announcement



Image Source: Company announcement

The RX eTransporter is perfect for...



**Personnel
Transport**



Shipping Cargo



**Agricultural/
Mining**



**MEDEVAC
Operations**



**Military
Operations**

Image Source: Company announcement

Torian Resources

Torian Resources is a gold explorer with assets in Western Australia. The Company operates the Mt Stirling Gold

Project and the Calypso project in the Leonara region as well as six projects in Kalgoorlie.

The EarlyBirds platform

Launched in September 2019, the EarlyBirds platform today has more than one million innovators to search from, and early adopters can choose on the basis of the sector

they work in or some specific solutions they are looking for, like cybersecurity, artificial intelligence, machine learning or any other specific theme.

Through the EarlyBirds platform,

- *Early adopters can have access to actionable innovation for any business challenge*
- *Innovators can find early adopters for their innovation*
- *Subject matter experts can help innovators and early adopters*

EarlyBirds has developed a framework for the organisations to become self-learning or autonomous organisations. This is done through continuous improvement across all business

functions, resolving business/technical challenges and looking into disruptive business models, innovations and solutions that innovators are creating on an everyday basis.

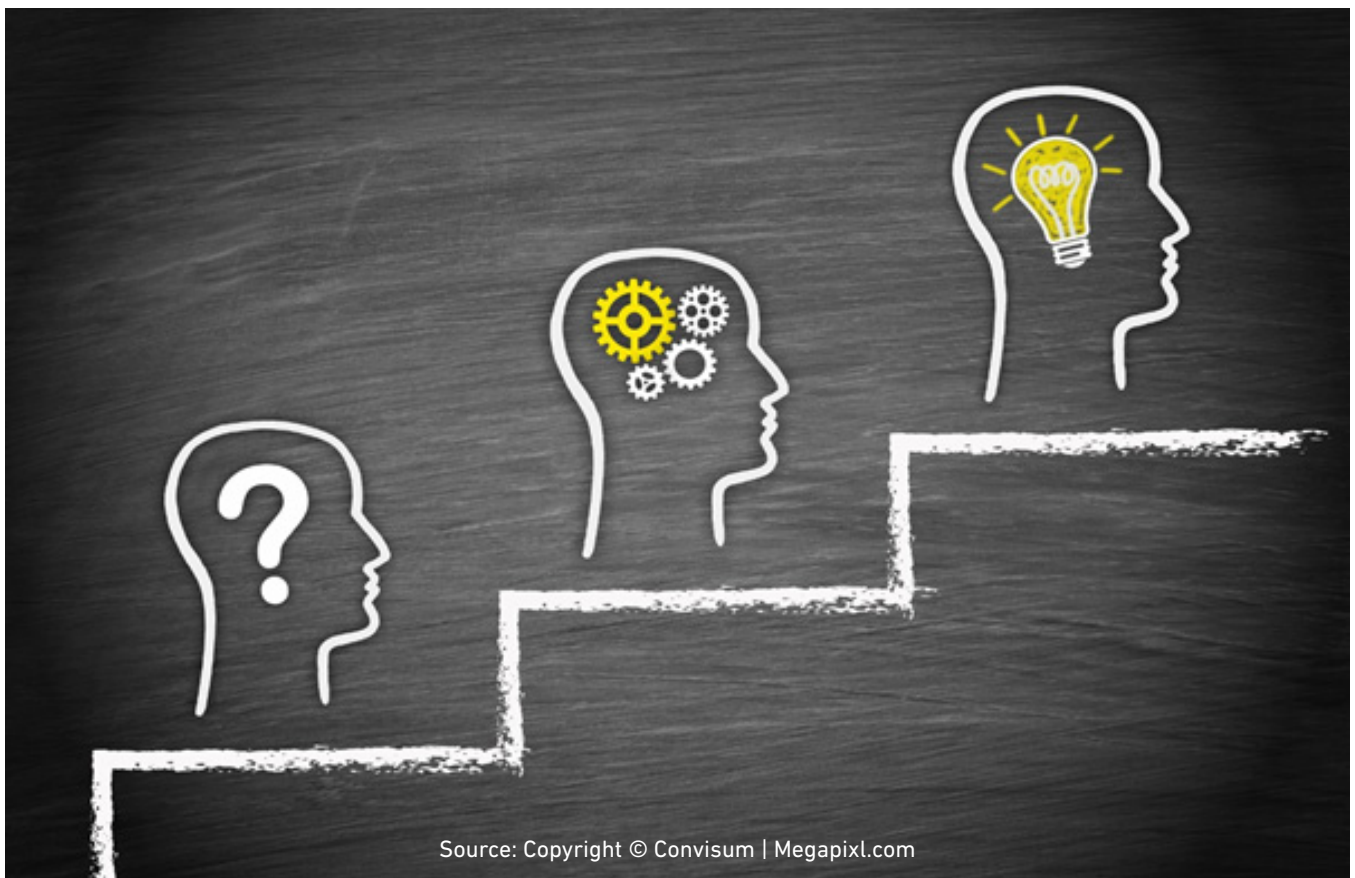
The Challenger Program

EarlyBirds' Challenger program aims to quicken the process of solving business challenges by collaborating with independent SME consultants and innovators. In the Challenger program, one business or a technical challenge is selected, and then the work begins on understanding the problem at hand and defining it with all the stakeholders.

For this purpose, the Company engages with SMEs and then bring

that challenge back into the platform where they search for any innovator who is already solving similar problems somewhere else in the world.

The next step under the program is to bring those shortlisted vendors to the client's table and look at a potential roadmap from there. There could be a pilot or proof of concept which can be quickly tested and tried to know whether it is a suitable solution.



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The Explorer Program

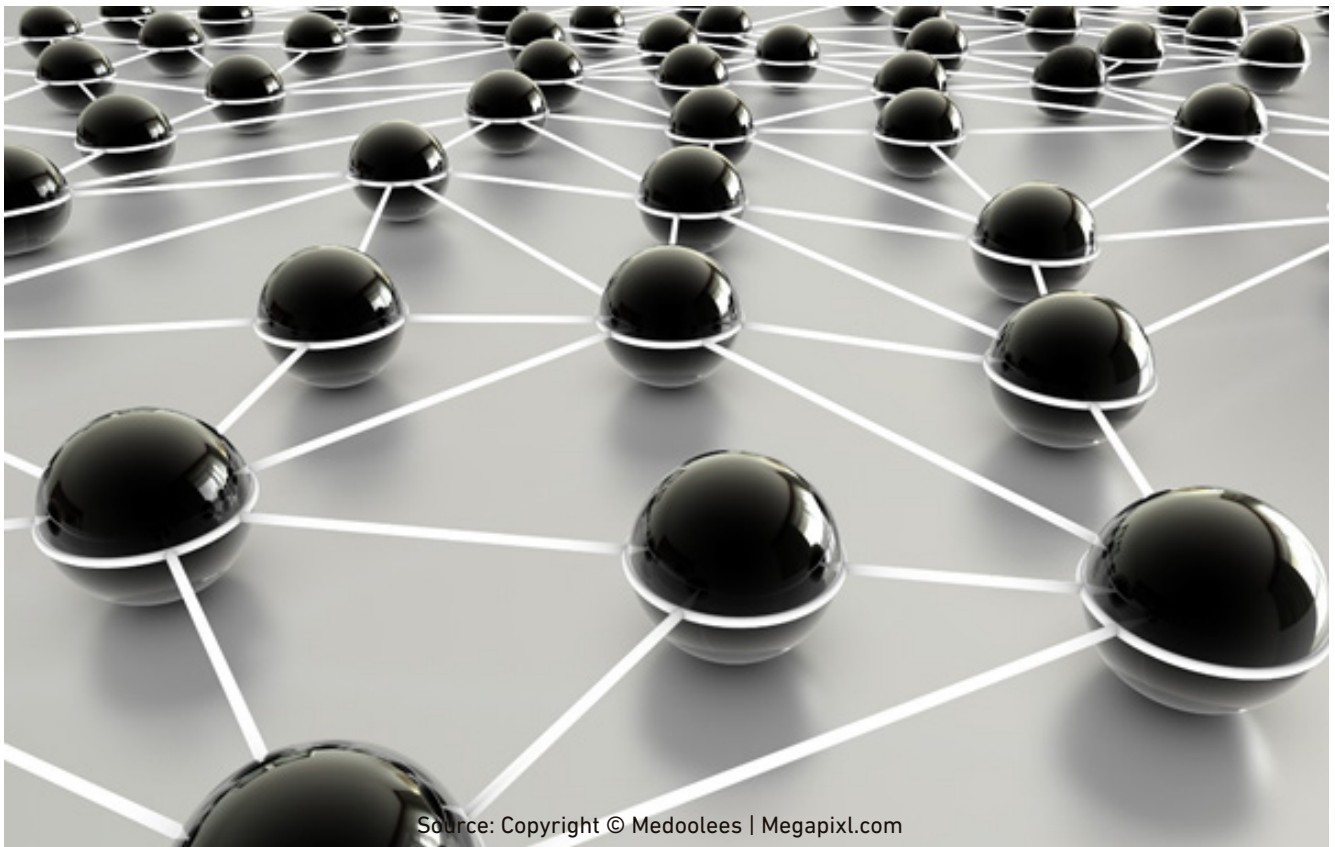
EarlyBirds engages in continuous innovation as a service through another program called the Explorer program, which is run along with SMEs. The key initial step under this program is to scan across all the business functions and then identify the key challenges or opportunities that they are exploring.

The EarlyBirds platform is then searched for an innovator or

business that has fully or partly addressed the issue or is engaged in doing something similar. Such businesses or innovators can be approached to learn from them or implement some of their tactics or simply implement their product that forms the solution.

All these form part of the EarlyBirds ecosystem, which has more than 1.4 million innovators and SMEs, and customers.

Current positioning and expansion plans



Source: Copyright © Medoolees | Megapixl.com

Being a global platform, EarlyBirds already has numerous innovators from across the globe as part of its big data capability.

However, EarlyBirds is starting from Australia as the key focus remains on helping the early domestic adopters, which are generally bigger enterprises.

EarlyBirds has one of the largest organisations in Australia as its customer and remains optimistic about onboarding numerous other

big customers.

Currently, EarlyBirds is focused on enterprise customers based in Australia and plans to later expand into other markets.

Committed to helping its customers find quick innovative solutions, EarlyBirds aims to emerge as a more agile business and develop its competitive edge by utilising its pool of SMEs and innovators on the platform.

The Sum and Substance of Tokyo Olympics 2020

06



What made this year's Olympics extremely special? We give you the lowdown

The latest edition of the world's biggest sports celebration, Olympics 2020, came to an end on August 8th. After years of hard work and patience, the best athletes around the world participate in the Olympics and represent their respective countries.

Sports has a rich history of uniting people and cultures. The variety of games has evolved over time but the zeal and the core meaning of it remains same across generations.

The Olympics is the celebration of that zeal: healthy competitions and matches between different countries.

Olympics: the origin

The Olympic Games are divided into ancient Olympics and modern Olympics. The ancient one originated about 3,000 years ago in ancient Greece. Later, it was revived in the

19th century, and since then it's the world's most prominent sporting event.



Tokyo Olympics 2020

After a year of delay due to COVID-19 pandemic, the Tokyo Olympics at last began on 23rd of July 2021. Although spectators were not allowed to watch the matches live due to COVID-19 restrictions, they could still experience the thrill.

This year's mega sporting extravaganza was unlike any other marked by a slew of factors like ban on foreign visitors, COVID-19 testing for athletes, curb on spectators, further restrictions of participants.

However, Tokyo Olympics 2020 was special and unique not entirely because of COVID-19, but also because of various other factors:

Tokyo Games' climate consciousness set a benchmark for sport events

The Tokyo Olympics ended up raising the bar for sustainability. As the slogan of the sustainability in Tokyo Olympics 2020 is profound with climate consciousness: "Be better, together —For the planet and the people".

Tokyo has substantially played a trump card by aiming to turn the Tokyo Olympics into one of the

greenest games ever. The new Olympic model was sustainable and greener than ever before.

But the pledges need to be aligned with the actual outcomes. It was the first Olympics where sustainability was given the long-deserved heed. But it is yet to be seen if the claims were legit or, merely a corporate sham.



Image Source: © JoaquinCorbalan | Megapixel.com

Female athletes upped the ante this Olympic season.

This year's Olympics were a bit different and unique as female athletes accounted for 49% of the total athletes participating in the Games. In the 2016 Olympics, female athletes represented about 45% of the total athletes.

Female athletes smashed barriers at Tokyo 2020 Olympics by overpowering, overtaking, and overcoming. Whether fighting for the gold or mental health, female athletes shone in every aspect this year.

Jade Jones won her third gold medal in Taekwondo at the Tokyo Olympics. Gymnastic superstar Simon Biles withdrew from individual all-around gymnastics for the sake of her mental wellbeing.

In the protest against the hyper sexualisation of the female body, the German women's gymnastics team refused to wear bikini-cut unitards and wore full-body versions at the Tokyo Olympics.



Image source: © Rarrarorro | Megapixl.com

The economic impact of the Tokyo Olympics on Japan's economy

According to a study by the University of Oxford researchers, the Olympics cost Japan at least US\$15.4 billion, making them the most expensive summer Games ever.

Economists have said that the aftermath of the Tokyo Olympics would badly hurt Japan's GDP growth for the current financial year. However, there are also some significant benefits of the Olympics on Japan's economy and its population.

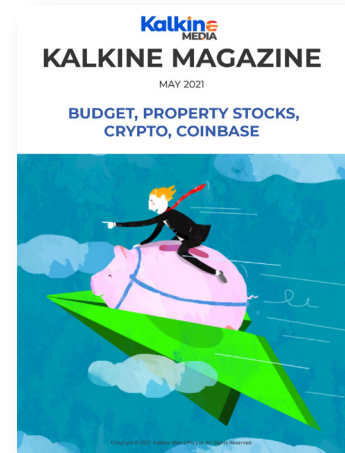
One of the most significant impacts is on the construction industry. The 68,000-seat National Stadium and

seven other venues, which were built for the Olympics, will now be used for various sporting events.

The Olympics taking place in Japan is a big deal for the nation. There is a newfound zeal for sports in the country's youth. More interest in sports also signifies better economic activity. And, how Japan's female athletes performed this year is quite inspiring. That will again spur more athleticism in the country, and in turn, enhance the economic activity within the sports industry

The Olympics aims to promote youth worldwide to participate in sports for a better and peaceful world. The slogan of the Olympics movement is Citius - Altius - Fortius, which means faster - higher - stronger. And, Tokyo Olympics 2020 has only raised the bar for the upcoming Olympics.

Previous Versions



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