

Where trends are born, not followed

GTM

GLOBAL TRENDS MAGAZINE

22nd Edition

**A PARTNERSHIP FOR
A TRUE GLOBAL IMPACT**

Making History in the
Eternal City - Rome

**A BILLIONAIRES
RECORD-BREAKING
YEAR 2024**

The World's Wealthiest
People in 2024

Exclusive Interview

Doctor **EZIO
STELLATO**

Charting The Course
For Italian Business Trends

**Alba
STEINLECHNER**
LUKAS HEIL & ISOREL INNOVATION



GLOBAL TRENDS MAGAZINE

27th Edition

About The Global Trends Magazine

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To The Magazine Where Trends Are Born, Not Followed

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President's Christmas Insight:

BETWEEN WOLVES AND SHEEP, HOPE AND REALITIES

Dejan Štancer,
GCBL President & GTM Chairman



In these undeniably challenging times, December beckons us to pause, analyze, and dream. The past? It lingers not as a haunting shadow but as a reservoir of lessons, memories, and a whisper of wisdom. The future? It stands unwrapped, full of tantalizing opportunities that fate might dangle before us, though our ability to seize them will only be clear when they've slipped into history.

We've heard the mantra: the future is uncertain. It's an old tune, but hope, stubborn and enduring, clings to the refrain. Take the relentless global race for dominance—where giants aim to woo us with cheaper, shinier, and ostensibly "better" goods.

Tesla speaks of \$300 smartphones and \$5,000 cars, teasing our wallets and imaginations. Who can answer this bold gambit but the omnipresent Chinese titans? If this price war ends with us, the consumers, as the victors, perhaps there is a method in this market madness.

On the world stage, reason may yet nudge its way into the room. The faint murmurs of peace in major conflicts suggest the possibility of a new order—though cynics would call it the calm before a storm. Cooperation might be a beautiful fantasy, but history reminds us that wolves don't often shed their fur to lie peacefully among sheep. To believe otherwise is to court disappointment.

Yet, amid these musings, 2024 brought triumphs worth celebrating. For the Global Chamber of Business Leaders, it was a year of transformation. Global Times evolved into Global Trends, stepping onto the prestigious PressReader platform, reaching wider audiences, and touching more hearts. This success fuels our hope that the path we tread is not only ambitious but also the right one.

So, as 2025 approaches, I make my wish: for growth, success, and milestones yet to be achieved. And to you, my dear friends—may your holidays be filled with joy, and may the year ahead grant you all that your heart desires.

Merry Christmas and Happy 2025!

President's INSIGHT



The Cost of Our Division is War

COOPERATION - TRUST - PEACE

The Reward of Our Unity is Peace



**GLOBAL
COALITION FOR
COOPERATION
AND PEACE**



Powered by GLOBAL CHAMBER OF **BUSINESS LEADERS**

Act Now And Join Us - Peace Needs You!

ONLY UNITED WE CAN STAND FOR PEACE

Editor's Christmas Note:

ALL I WANT FOR CHRISTMAS IS ...

Nicole S. Farrell, GTM Chief-Editor

The Christmas Holiday Season always seems to conjure images in our minds about what an ideal Christmas would be for our individual selves. Not necessarily in a materialistic sense but in a wholly sentimental and idealistic way.

This might very well be the case for many as 'D-Day' inches closer. Let's think about soldiers who are deployed thousands of miles away from family; expats who now live in countries on the 'other side' of the world who can't afford a trip back home; those who are too ill to visit even within the State lines; people who literally have no relatives or friends; etc. We tend to take the time we automatically get with our family for granted, not realising how fortunate we truly are. I wish nothing but comfort, peace and renewed hope for those who might be struggling to find happiness in these festive days ahead. My prayers are with you.

In my quiet moments, I say a silent "Thank you.". This time of year, mid-December, evokes such feelings of nostalgia, sentimentality, inspired love and an unexplained joy. As an adult, I've realised that I still eagerly anticipate it as it is a time that I'm sure to get together with a group of immediate and extended family members, which rarely happens. The upbeat sounds of Mariah Carey's "All I Want For Christmas" is usually on repeat for me as it is one of my staple favourites and the joy it creates is contagious. Our native delicious dishes, seasonal drinks, local and foreign music all lend to the enthusiastic festivities and huge feasting experiences.

While everyone reading this would come from different cultures and will have their own personal and national traditions, one thing is for certain - we share the delights of family time, special occasions with friends and other traditional activities. Whatever is done, it is with love and excitement.

All I want for Christmas is for the innate joy, desire for togetherness and peace of the Season to live in the hearts of everyone. Truly.

To those celebrating, a very Merry Christmas to you! Cheers to much laughter and much love.

Nicole S. Farrell

Editor's NOTE





GLOBAL
CHAMBER OF
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LEADERS**

ANNIVERSARY

JOIN ^{THE} GLOBAL NETWORK OF VISIONARY BUSINESS LEADERS

UNLOCK ACCESS TO A WORLD OF OPPORTUNITIES AND INNOVATION

The Global Chamber of Business Leaders (GCBL) is where forward-thinking professionals from all corners of the world come together to shape the future of business. As a member, you will: Expand your global network, Engage with thought leaders and innovators, Access exclusive resources and insights, Participate in world-class events and conferences, and Drive impactful change in your industry.

Become A Part Of A Thriving Global Community. Join GCBL Today And Lead The Future.

Visit www.gc-bl.org/membership to learn more and apply for membership.





HISTORICAL MEETING IN

**FORGING A P
FOR A TRUE GL**



ROME:

PARTNERSHIP GLOBAL IMPACT

Collaboration for Future, Global Trends Magazine, 22nd Edition 2024



HISTORICAL MEETING IN ROME:

FORGING A PARTNERSHIP FOR A TRUE GLOBAL IMPACT

In recent days, a pivotal meeting took place in Rome between **Dejan Štancer**, President of the Global Chamber of Business Leaders (GCBL), and **Alessandro Bertoldi**, Director of the Milton Friedman Institute. This meeting marked a significant milestone in uniting two influential organizations that share a commitment to addressing global challenges through innovation, economic freedom, and sustainable solutions.

During their discussions, Štancer and Bertoldi reached an agreement to establish future cooperation between their organizations.

This partnership will focus on projects that leverage their strengths to create high-impact, value-added solutions, tackling pressing global issues such as economic liberalization, sustainable growth, and fostering innovation.

Štancer emphasized the importance of this collaboration, stating: *"The Milton Friedman Institute is a global beacon for free-market economics, and we are confident that together we can create a platform that influences future generations."*

Bertoldi echoed this sentiment, noting: *"Our alignment with GCBL is vital for expanding our mission and driving real global change."*

The Milton Friedman Institute:

A Champion of Free Markets and Individual Liberty

Named after the iconic economist Milton Friedman, the institute serves as a leading think tank dedicated to advancing liberal economic principles and fostering individual freedom.

Key Aspects of Milton Friedman's Legacy and Vision:

- **Economic Philosophy**

Milton Friedman was a proponent of free-market capitalism, emphasizing minimal government intervention in the economy. His ideas championed personal freedom, entrepreneurial innovation, and the belief that a free market is



Dejan Štancer, President of GCBL, standing prominently in front of the iconic main gate of the Italian Parliament in Rome.

This collaboration with GCBL will undoubtedly amplify the institute's influence in shaping the future of economic thought and practice.

"... The Milton Friedman Institute is a global beacon for free-market economics, and we are confident that together we can create a platform that influences future generations ..."

the best mechanism for societal prosperity.

- **The Monetarist Revolution**

Friedman reshaped economic thinking with his theory of monetarism, arguing that inflation is primarily a result of changes in the money supply. This perspective challenged Keynesian economics and redefined global economic policy.

- **Advocacy for Individual Freedom**

Beyond economics, Friedman was a staunch advocate for personal liberties, arguing that economic freedom is a cornerstone of individual rights. He emphasized that less government intervention enables citizens to lead lives of greater autonomy and dignity.

- **Enduring Impact**

His works, such as "Capitalism and Freedom" and "Free to Choose," remain influential, guiding policymakers, entrepreneurs, and academics worldwide in pursuing a freer and more prosperous society.

Through initiatives like the Milton Friedman Institute, Friedman's philosophy continues to inspire global efforts to champion free markets, defend individual rights, and reduce unnecessary government control.

Expanding GCBL's Influence in Italy

During his visit to Rome, President Štancer also held meetings with several high-profile figures from Italy's political and economic establishment. These discussions explored avenues for deepening ties between GCBL and Italian stakeholders, paving the way for collaborative initiatives that align with GCBL's mission of fostering global cooperation and innovation.

Štancer's engagements in Rome underscore GCBL's growing presence in Europe and its commitment to expanding its network of strategic partners. This visit represents a new milestone in GCBL's efforts to create impactful opportunities in Italy, strengthening its role as a global platform for business leaders and visionaries.

As Štancer noted, "The relationships built here in Rome mark the beginning of a stronger, more integrated partnership with Italy's economic and political leaders. Together, we can create transformative projects that drive progress both regionally and globally."

This landmark visit not only solidifies GCBL's leadership on the global stage but also reinforces its reputation as a driving force in shaping a better, more connected future.

Article **END**



FIGURE AI & BMW UNVEIL ADVANCED HUMANOID ROBOT ENHANCEMENTS

Technology Trends, Global Trends Magazine, 22nd Edition 2024

Figure AI and BMW have revealed groundbreaking improvements to the Figure 02 humanoid robot, emphasizing its potential to transform industrial operations. The robot now boasts a 400% increase in speed and a remarkable sevenfold rise in task success rates.

TECH TRENDS

A recent demonstration video showcased Figure 02's precision capabilities, performing 1,000 placements per day with millimeter accuracy. One striking example involved inserting sheet metal into a pin-pole less than a centimeter wide, underlining the robot's ability to tackle delicate and complex industrial tasks with ease.

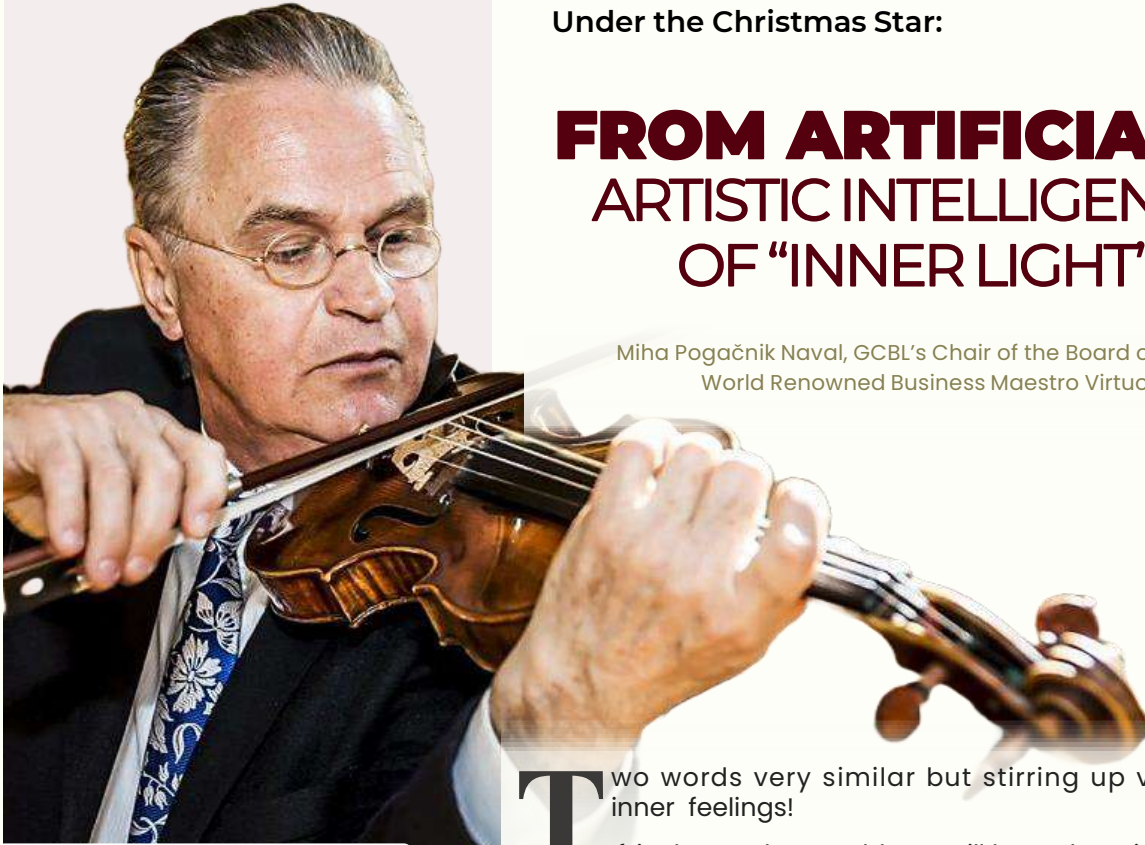
Backed by \$675 million in funding from industry giants like OpenAI, Nvidia, Microsoft, and Jeff Bezos, Figure AI is now valued at \$2.6 billion. The company plans to roll out additional humanoid robots by 2025, underscoring its commitment to reshaping the robotics landscape.

The partnership with BMW highlights how cutting-edge technology is revolutionizing manufacturing, demonstrating that humanoid robots could soon become indispensable in automated production lines. This collaboration signals an exciting step forward in the evolution of robotics, setting new standards for efficiency and precision in industrial automation.

Under the Christmas Star:

FROM ARTIFICIAL TO ARTISTIC INTELLIGENCE OF "INNER LIGHT"

Miha Pogačnik Naval, GCBL's Chair of the Board of Advisors,
World Renowned Business Maestro Virtuoso



Miha Pogačnik, a virtuoso violinist, is renowned for his unique integration of music, leadership development, and cultural transformation. Beyond being an accomplished concert violinist, Pogačnik is a cultural ambassador and thought leader, leveraging his artistry to inspire innovation and leadership in the corporate and academic worlds.

Pogačnik's groundbreaking approach involves using music as a medium for teaching leadership and fostering organizational growth. He applies the principles of classical masterpieces to inspire creative problem-solving, emotional resonance, and team synergy.

In the 1980s and 1990s, he founded the IDRIART movement, organizing over 200 intercultural festivals in crisis regions worldwide, blending art and social transformation. His European project, Terra Parzival, focuses on developing a "Polyphonic European Identity," promoting leadership styles rooted in cultural and artistic values.

Pogačnik also holds academic and leadership roles, including being an adjunct professor at IEDC-Bled School of Management and the CIO of IDRIART. His dedication to merging the arts with societal evolution continues to influence diverse fields globally.

Two words very similar but stirring up very different inner feelings!

If, in the modern world, we still have the privilege to live in harmony with the cycle of nature, we experience now increasingly outer darkness on the northern hemisphere.

As a balance "Inner Light" wants to emerge in us. The portal to all those qualities that Artificial Intelligence cannot produce: *Imagination, Inspiration, Intuition, Love*. These capabilities are not "given"! Life gives us the opportunity to develop them.

Human Beings aspiring "freedom" and responsibility, must conquer these largely uncharted territories of individual soul and spirit!

More than half a century of my practical experience with the masterpieces of classical music gives me the certainty and insight to unlock and deepen the fountain of everyone's potential, increase the flow of meaning, and build interdisciplinary, intercultural, and intergenerational bridges. The key is the "Miha Method".

Here are my season's greetings to all friends of Global Chamber of Business Leaders and Global Trends Magazine.

I am looking forward to meeting many of You in person and to invite You all to experience the magic of masterpieces with me.

Wishing You All a meaningful and successful outer and inner journey of 2025!

PROSE OF BUSINESS





EXCLUSIVE
COVER STORY

Alba STEINLECH

LUKAS HEIL & ISOREL INN

Exclusive Cover Story, Global Trends Magazine, 22nd Edition 2024

A portrait of a woman with short, straight brown hair and glasses. She is wearing a dark blue blazer over a black and gold patterned scarf. The background is a solid gold color. The text 'NER' is overlaid in white with a black outline on the left side of the image.

NER

NOVATION


 A portrait of Alba Steinlechner, a woman with short brown hair and glasses, wearing a light-colored jacket and a scarf. She is standing in front of a light blue background with a green plant to her right.

Alba STEINLECHNER

LUKAS HEIL & ISOREL INNOVATION

If you think of the ideology of doing business while leading from the heart, you might as well think of Alba Steinlechner. Her tireless work in the Health and Wellness industry, specifically with the advent of Cancer Therapy, has been not only a pursuit of professional profit but truly a labour of love.

Nature and natural remedies were part of her life even as a young girl growing up in Austria. What is one of her fondest memories of those times growing up in Austria?

Reflecting, Steinlechner said, *"I had the privilege of growing up amidst the diverse and invigorating natural beauty of the Southern Alps, at the border triangle of Austria, Italy and Slovenia. My family, lovingly guided by my grandmother, united aspects of the Italian-Friulian and Austrian-Slovenian traditions. Among my fondest memories are the long Summer evenings spent in alpine pastures, where we celebrated also with my extended family, filling the air with the warm sound of the traditional songs and various languages from that diverse place. Located at the*

only intersection of the Germanic, Romanic and Slavic language groups, this region is rural but steeped in tradition. It has always symbolized for me, the harmonious co-existence of mankind and serves me as a lifelong inspiration towards unity and peace."

Steinlechner has been instrumental in forging a path for Cancer Therapy, and as much as there's always a need for more advancement, she has accomplished many feats. When she reflects on her journey, what personal traits did she have to rely on to bring this dream to fruition?

"This long, arduous journey of starting a pharmaceutical manufacturing company in the very regulated pharmaceutical industry has



**Alba
STEINLECHNER**
LUKAS HEIL & ISOREL INNOVATION

required an exceptional amount of resilience and determination. Perseverance was crucial, for in the face of the inevitable setbacks, I had to keep my mind set on my greater mission. I needed to appreciate the work itself, to approach my challenges with creativity and expertise. Ultimately, a fulfilling career and life only arise when one's work is led by a greater purpose, rather than self-interest. The responsibility of a pharmacist to provide patients and doctors with natural medicines that are safe and effective is what inspires my purpose."

Undoubtedly though, there were high points etched into her story. What is she most proud of where her career in this field is concerned? What has been her most rewarding experience thus far?

"I am proud that, as a small team, we have successfully established a fully certified pharmaceutical company specializing in injectables within such a challenging industry. The relaunch of Isorel has already provided

meaningful benefits to many patients and I am pleased to see young people drawn to our project. Their enthusiasm for non-profit and sustainable projects fosters my hope for the future, as it is their creativity and innovation that will give shape to the

**"... I am proud that,
as a small team,
we have successfully
established a fully
certified
pharmaceutical
company ..."**

next generation of health solutions."

As we touched on younger influences, how did her early career pursuits influence the work that she is doing now, if at all?

Said Steinlechner, *"My professional, as well as personal life, have provided me with the essential experiences for the success of the Isorel project. During my pharmacy studies, I specialized in herbal medicine and pharmacognosy, which laid the foundation for my expertise in natural therapies. Years of experience in the pharmaceutical industry further expanded my knowledge, while my early exposure to anthroposophical pharmacy deepened my understanding of integrative approaches.*

After the beginning of this millenium, I founded my own company while working as a safety assessor and expert of cosmetics, which developed both the entrepreneurial and regulatory skills that I needed to lead complex projects. However, the



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greatest preparation for this major undertaking was raising my children, with all the joys, challenges and responsibilities involved. It was especially these experiences that strengthened me for years of developmental work. They convinced me that with competence, commitment, willpower, and creativity, any challenge can be overcome."

Her main focus is on contributing to patients' self-care, what is her personal motivating factor in the pursuit of Cancer Therapy?

"Cancer is among the most profound and challenging illnesses, confronting many people with existential questions and a great deal of fear. In spite of this, overcoming Cancer may lead to a significant personal transformation and liberation. It is common for Cancer patients to struggle to assert themselves, they are often shaped by the expectations and perceptions of others.

Recovering from this disease frequently empowers individuals to shed false, disingenuous concepts of life, and therefore, leads them back to

"... Cancer is among the most profound and challenging illnesses ..."

their very own life intentions. (Our) 'Mistletoe Therapy' plays vital role in this journey, not only by alleviating their fear and pain but also by strengthening patients to reclaim their sovereignty and experience true healing. My mission is to support patients through this challenging path by providing the remarkable Isorel therapy."

What is Traditional Mistletoe Therapy and what was



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“... Our mistletoe is harvested sustainably from pristine Austrian landscapes in all four Seasons ...”

the idea behind it?

*“Mistletoe Therapy, an integrative Cancer treatment over a century old, uses the European and Austrian mistletoe species (*Viscum album* ssp.) due to their unique properties. These special plants defy nature’s usual cycles, blooming in Winter while growing exclusively upon host trees. They produce extraordinary cytotoxic, apoptosis-inducing, antioxidant and immune-supporting substances.*

This special therapy is supported by over 150 clinical trials in addition to extensive scientific and traditional knowledge, proving its safety and efficacy. Mistletoe Therapy is applied in three key phases: prevention in cases of pre-cancerous conditions or after early diagnosis; as a complementary treatment alongside standard therapies, such as chemotherapy or radiotherapy, to improve tolerance and reduce side effects; and in post-treatment care to strengthen the patient, reduce recurrence risk and support holistic recovery.”

She shared on Isorel and its wondrous background. “Isorel, developed in the 1950s at the Ludwig Boltzmann Institute in Vienna, has been approved since 1983. It is a solely natural preparation containing only mistletoe, with absolutely pure water and salt. We oversee the entirety of the production process to ensure the highest quality. Our mistletoe is harvested sustainably from pristine Austrian landscapes in all four Seasons, and our water source is the local mountain spring



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water. Using a sophisticated and elaborate manufacturing process, we produce a concentrated yet well-tolerated Isorel injectable solution. Patients, under medical guidance, begin therapy with low doses that gradually increase, to ensure that their bodies adapt to the concentrated active ingredients. The therapy's effectiveness is indicated by a local reaction at the injection site."

She continued, also highlighting the partnership between Lukas Heil Betriebsstätte GmbH (AT) and the medical Lukas Foundation For Human-Appropriate Medicine (DE). "When the previous manufacturer of Isorel could no longer meet the mounting regulatory requirements, they ceased operations in 2012. The closure was a shock to many doctors in Germany, who understood the critical importance of this medicine. Dr. Elisabeth Krauß, the Founder of the Lukas Foundation for Human-Appropriate Medicine, particularly understood what a great loss this was, so therefore, gathered others and began to revive Isorel for Cancer therapy. As an experienced, fully qualified pharmacist, I was asked to join the project, and thus, the Isorel initiative was reborn.

In 2013, Lukas Heil-Betriebsstätte GmbH was

"... As an experienced, fully qualified pharmacist, I was asked to join the project, and thus, the Isorel initiative was reborn ..."

established under my leadership, taking over the marketing authorization for Isorel. Dr. Krauß envisioned establishing the project at the border triangle of Austria, Italy, and Slovenia – the only intersection of the three major European language groups (Germanic, Romanic, and Slavic) – to symbolize peace and unity. The following years



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were dedicated to planning, construction, qualification, and the certification of the pharmaceutical site to specialize in aseptic and sterile injectables.

Today, Lukas GmbH operates this modern facility while continuing to innovate new natural products, such as purely plant-based wound and eczema ointment produced with the most sophisticated technology. We are also experts in the production of clinical investigation products due to our research-focused, creative, and knowledgeable approach.

Now, after the intense years of establishing ourselves, we focus on the internationalization of Isorel, as well as our other products. This means building partnerships for global distribution, collaborations in drug development and further clinical research. We warmly welcome effective partners and investors who share our vision to join us in this exciting phase of development."

Keen on providing organic and integrative remedies and having an inclination to sustainable agriculture, what was her initial vision for the product and company and how do these two

"... We are also experts in the production of clinical investigation products due to our research-focused, creative, and knowledgeable approach ..."

areas of integrative remedies and sustainable agriculture align?

Steinlechner stated, "Sustainable organic but especially biodynamic agriculture not only provides people with truly nourishing food but also supports nature, restoring its vitality without exploitation. In recent decades, conventional agricultural practices have demonstrated the opposite, by destroying large amounts of crucial



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CO₂-binding humus. In contrast, biodynamic farming promotes humus formation, making a significant contribution to carbon sequestration.

The fate of our health depends critically upon an agriculture that works with and restores nature, for only a thriving, healthy environment can provide the necessary raw materials to nourish us and produce effective natural medicines. Our main shareholder, the Lukas Foundation for Human-Appropriate Medicine, is an active supporter of biodynamic agriculture and botanical research and has therefore laid plans to assist conventional farmers in transitioning to organic farming, to benefit both the health of nature and mankind. We believe such efforts are truly a support for the whole world."

Noting that therapy and recovery should be a holistic process and experience, Steinlechner gave her insights on the delicate transition to patients' renewal.

"Physical health is only one component of overall well-being. People also need a rich cultural life and the beauty of art to nurture their mental and spiritual health. This belief leads the Lukas Group

"... Artistic therapies are particularly impactful in supporting patients during recovery, especially in Cancer care ..."

to support initiatives in these areas. Artistic therapies are particularly impactful in supporting patients during recovery, especially in Cancer care. The synthesis of these values – integrative remedies, sustainable agriculture, and cultural life – reveals the heart of our mission: to support health in all areas of human life, to heal the whole human being."

Turning her attention to the White-Berried Mistletoe and its healing potential, what does she think is the



Alba STEINLECHNER

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unique selling point of it?

Explained Steinlechner, *"The World Health Organization (WHO) predicts that in the next two decades, one in two to three people in Western societies will develop Cancer. This stark reality underscores the need for treatments that not only attack the disease but also support patients' physical and mental health throughout their journey. Modern Cancer therapies, while effective, are often physically and emotionally exhausting.*

Mistletoe Therapy, and particularly Isorel, provides significant relief and support. It has been shown to improve the quality of life, reduce the side effects of standard treatments and even extend survival rates. Additionally, Mistletoe Therapy is uniquely effective in addressing Cancer susceptibility and pre-cancerous lesions, positioning it as a critical complement with early diagnostics. This holistic approach that unites evidence-based science with natural and vitalizing properties, makes it an indispensable tool in modern Cancer care."

Within recent years, there has been a significant increase in natural healthcare. Integrative Cancer

"... Mistletoe Therapy, and particularly Isorel, provides significant relief and support ..."

Therapy is becoming more aligned with Cancer patients' health goals. With the staggering data on Cancer-stricken individuals, how can such therapy become more commonplace?

"The importance of preventative care and early detection cannot be overstated, particularly in the case of Cancer. Visible tumors often develop slowly, beginning with subtle cellular changes that can go undetected for years. Regular preventive Mistletoe Therapy, initiated in midlife or even



Alba STEINLECHNER

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earlier for individuals with a family history of Cancer, can strengthen the immune system and help eliminate these early changes before they develop into more serious conditions.

A prophylactic approach, supported by robust early detection systems, should be prioritized and widely promoted. Educating both healthcare professionals and the public about the preventive and complementary benefits of Mistletoe Therapy would significantly aid its integration into mainstream healthcare."

Fully medical Cancer treatments have begun to lose their appeal as more and more Cancer-stricken individuals seek more 'body-friendly' options. However, there is much work to do yet with convincing others. What is one myth about Cancer treatment or therapy that she would like to debunk?

She remarked, *"A common myth is that natural medicine and conventional Cancer therapies are mutually exclusive. The truth is that integrative Cancer therapy combines the best of both worlds, offering patients comprehensive care suited to their needs.*

Mistletoe Therapy is an exemplary case of this synthesis. When used alongside chemotherapy, mistletoe significantly reduces side effects, resulting in fewer treatment interruptions, reduced pain and an improvement of the patient's well-being. While conventional therapies focus on tumor mass reduction, integrative approaches like Mistletoe Therapy address the patient's overall immune system and reduce recurrence risks.

"... A common myth is that natural medicine and conventional Cancer therapies are mutually exclusive ..."

By continuing Mistletoe Therapy even after conventional treatment ends, doctors can support



Alba STEINLECHNER

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long-term healing and prevent relapses, ensuring a more holistic recovery for their patients."

As we all know, the world is still travelling on a challenging route of regaining and maintaining wellness after a daunting Covid-19 pandemic. During the extended pandemic, millions were infected with the Covid-19 Virus. Now, there are countless people around the world who experience Long Covid. The White-Berried Mistletoe Therapy is said to be able to treat this. Steinlechner explained its prowess.

"Practical experience from physicians proficient in Mistletoe Therapy has demonstrated its effectiveness in supporting patients suffering from fatigue, burn-out and long COVID. The immunogenic properties of this extraordinary plant restores energy and strength.

For this purpose, Isorel is administered in lower concentrations than in Cancer therapy, typically at doses of 1mg or 6mg once or twice a week, depending on the patient's needs. This gentle approach has proven successful not only for long COVID but also for convalescence after other viral infections, such as Epstein-Barr or Influenza, and

"... Isorel supports the body's recovery processes, helping patients regain their full vitality ..."

for recurring viral illnesses. It supports the body's recovery processes, helping patients regain their full vitality."

There is some level of recognition from organizations and entities that sustainability in all areas needs co-operation and support and that they can have a social corporate responsibility even in healthcare reform. Aware of the Global Trends Magazine's managing entity, the Global

“... I am of a highly idealistic and visionary nature, with an enduring capacity for hard work ...”

**Alba
STEINLECHNER**

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Chamber of Business Leaders (GCBL), she drew an idea of how the GCBL can be encouraged to share in the movement.

“Under the leadership of Mr. Dejan Štancer, the Global Chamber of Business Leaders has already demonstrated a forward-thinking approach. This interview itself is a testament to their commitment to promoting sustainable, integrative healthcare initiatives.

For humanity to thrive, businesses must increasingly support areas of social life that cannot generate sufficient resources independently, such as sustainable agriculture, cultural development and integrative health concepts.

Networks like the GCBL play a pivotal role in fostering these efforts, enabling young generations to connect dynamically and creatively. I look forward to seeing the Global Chamber (of Business Leaders) continue setting important milestones for a more sustainable and thriving future.”

Steinlechner's quiet resolve, grace under pressure

and spirited focus emanates from her being. Her resilience and her team's unwavering dedication create beauty in hope and humanity against the sometimes ugly face of life-threatening circumstances such as Cancer.

Describing herself though, she said, “Every individual possesses both beneficial and detrimental qualities.

In my case, my adverse traits include a tendency towards impatience and also to become resigned and cynical when confronted with problems that seem insurmountable.

On the positive side, I am of a highly idealistic and visionary nature, with an enduring capacity for hard work. I am also courageous and have exceptional stamina, empowering me to overcome difficult challenges in pursuit of my greater intentions.”

Certainly, it is precisely this attitude that can and will influence others to overcome their own problems, issues and challenges, personally or professionally.

Article **END**



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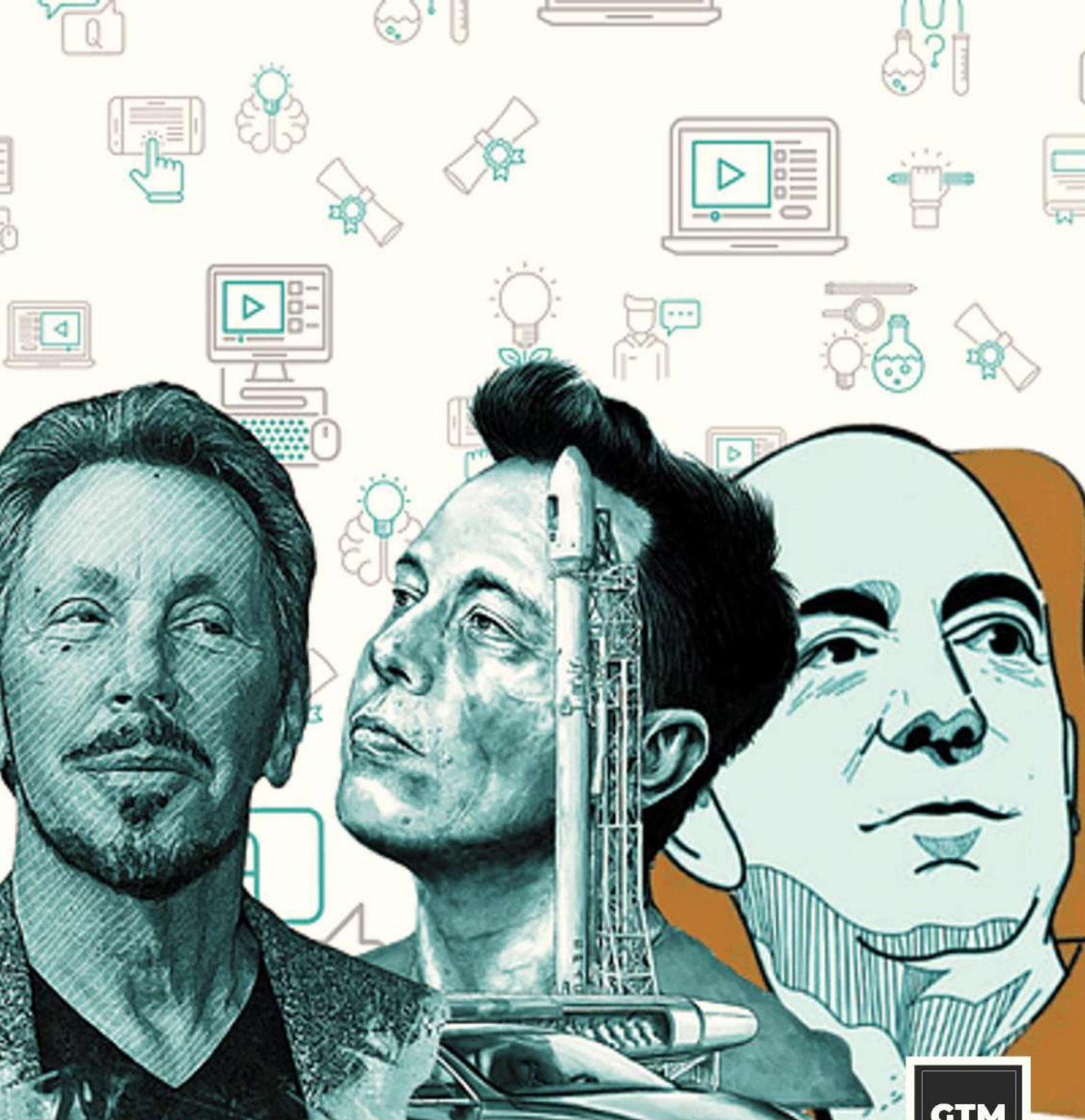
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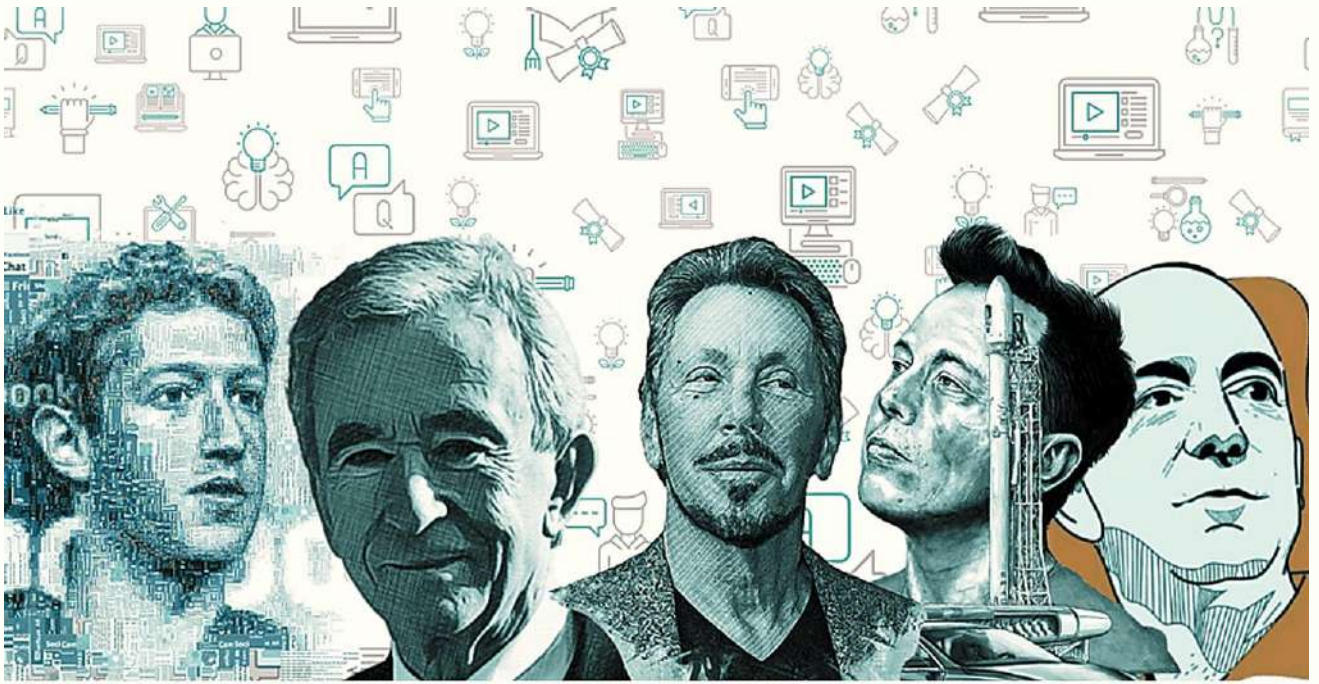


THE WORLD'S WEALTHIES
A RECORD-BREAKING Y



T IN 2024: **YEAR FOR BILLIONAIRES**

Legends Of Wealth, Global Trends Magazine, 22nd Edition 2024



THE WORLD'S WEALTHIEST IN 2024: A RECORD-BREAKING YEAR FOR BILLIONAIRES

The race for the title of the richest individual on Earth has reached unprecedented levels in 2024. Leading the pack is Elon Musk, whose net worth has soared to a staggering \$350 billion, solidifying his position as the wealthiest person in history. Here's an in-depth look at the top billionaires of 2024, their achievements, and the industries that made them titans of wealth.

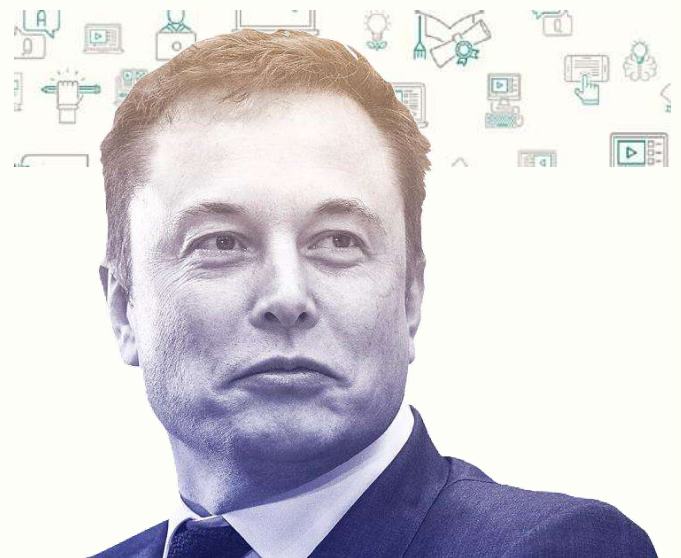
1. **Elon Musk** (\$350 Billion)

Industry: **Technology, Automotive, Space Exploration**

Companies: **Tesla, SpaceX, Neuralink, X (formerly Twitter)**

Musk's wealth saw a dramatic rise this year, primarily due to Tesla's surging stock prices and the growing success of SpaceX. His relentless drive for innovation in sustainable energy, space travel, and AI technology has not only made him the richest but also one of the most influential figures globally.

Musk's \$350 billion fortune reflects his unmatched impact on the modern economy.



2. Larry Ellison (\$226.9 Billion)

Industry: **Technology**

Company: **Oracle**

A pioneer in software technology, Ellison's Oracle continues to dominate in cloud computing.

His investments in companies like Tesla have also contributed significantly to his growing net worth.



3. Jeff Bezos (\$223.3 Billion)

Industry: **E-commerce, Space Exploration**

Company: **Amazon**

Though Bezos stepped down as Amazon's CEO, he remains deeply involved in its strategic direction. His diversified investments, particularly in space exploration through Blue Origin, continue to expand his fortune.

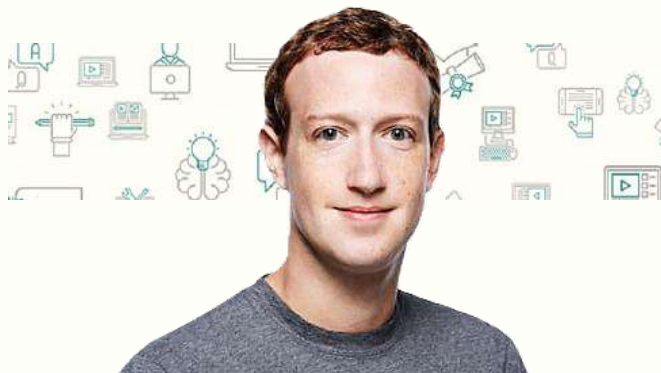
He remains a symbol of entrepreneurial excellence.

4. Mark Zuckerberg (\$198.7 Billion)

Industry: **Social Media, Virtual Reality**

Company: **Meta (formerly Facebook)**

Zuckerberg's pivot to the metaverse has paid off, with Meta's value surging thanks to innovations in AI and immersive virtual platforms. His vision for the future of communication and interaction has cemented his place among the top five billionaires.



5. Bernard Arnault (\$160,3 Billion)

Industry: **Luxury Goods**

Company: **LVMH**

The French magnate leads the world's largest luxury empire, managing iconic brands like Louis Vuitton, Dior, and Moët Hennessy.

Arnault's wealth underscores the enduring power of the luxury market, even in challenging economic conditions.

6. Warren Buffett (\$150.6 Billion)

Industry: **Investments**

Company: **Berkshire Hathaway**

Known as the "Oracle of Omaha," Buffett continues to build his fortune through strategic investments. Despite his age, his influence in the financial world remains unparalleled.

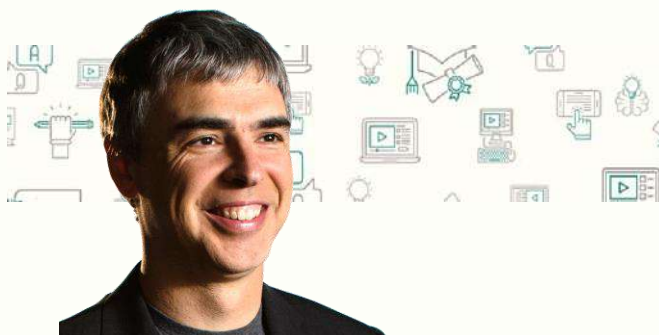


7. Larry Page (\$140.4 Billion)

Industry: **Technology**

Company: **Google (Alphabet Inc.)**

Page's work in revolutionary Internet technologies and AI advancements through Alphabet has ensured steady growth in his fortune



8. Sergey Brin (\$134.3 Billion)

Industry: **Technology**

Company: **Google (Alphabet Inc.)**

Brin's innovative pursuits, particularly in life sciences and AI, keep him among the wealthiest people on Earth



9. Steve Ballmer (\$124.8 Billion)

Industry: **Technology**

Company: **Microsoft, Clippers**

Former CEO of Microsoft and current owner of the NBA's Los Angeles Clippers. Ballmer played a pivotal role in scaling Microsoft's business during its peak years and is one of the richest tech entrepreneurs globally.

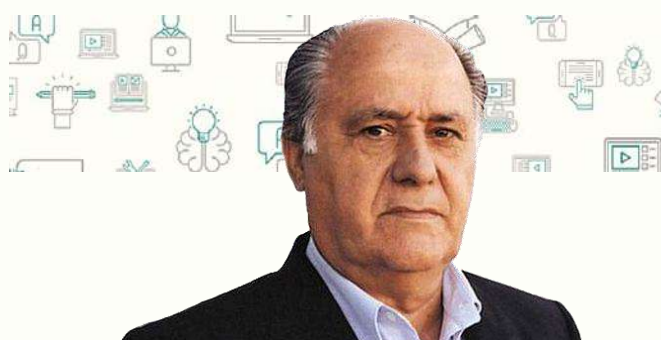


10. Amancio Ortega (\$123.8 Billion)

Industry: **Fashion Industry**

Company: **Inditex/Zara**

Founder of Inditex, the global fashion giant behind brands like Zara. Ortega is a self-made billionaire and one of the wealthiest individuals in the world, known for his low profile and influence in retail innovation.





A Landmark Year for Global Wealth Accumulation

In 2024, the collective net worth of the world's ten wealthiest individuals surpassed a staggering \$2 trillion, reflecting the transformative power of innovation, strategic investments, and luxury markets in driving unprecedented financial growth.

Leading the list is Elon Musk, whose net worth soared to \$350 billion, fueled by Tesla's dominance in electric vehicles and SpaceX's advancements in space exploration. Musk epitomizes the ability to leverage cutting-edge technology to reshape industries and amass unparalleled wealth.

Similarly, Bernard Arnault, with \$200 billion, highlights the global demand for luxury goods through his stewardship of iconic brands like Louis Vuitton and Dior. Warren Buffett, valued at \$149.9 billion, reinforces the enduring strength of long-term investment strategies through Berkshire Hathaway.

This milestone comes amid significant global challenges, from inflation to geopolitical uncertainties, yet the adaptability of these

billionaires underscores their role as visionaries driving economic transformation. Their combined fortunes not only represent financial success but also their ability to influence societal trends, redefine technological possibilities, and, in some cases, address pressing global issues through philanthropy.

Bill Gates is no longer among the ten richest people. Gates fell off the list back in October.

As the world looks to the future, the stories of these financial titans remind us that the intersection of innovation, strategy, and ambition will continue to shape the global economic landscape. Their legacies are not just about wealth—they are about the power to create and inspire change.

Article **END**



A REAL-LIFE ROBOT INSPIRED BY TRANSFORMERS

Technology Trends, Global Trends Magazine, 22nd Edition 2024

Engineer Michael Rehtin has unveiled a groundbreaking hybrid robot that seamlessly transitions between flying like a drone and driving on land. This innovative design incorporates 3D-printed prop guards that double as wheels, paired with lightweight tracks for smooth all-terrain navigation.

TECH TRENDS

The system operates using two low-speed brushless motors that drive the tracks via sprockets engaging the same teeth used by the wheels. When transitioning from ground to air, a four-bar linkage mechanism with a linear actuator rotates the wheels/prop guards into a vertical position. A servo then elevates the robot's body, completing the transformation into a flying configuration.

At its core, the robot is powered by a Teensy 4.0 flight controller running dRehmFlight, a versatile and sophisticated flight stabilization system. This cutting-edge combination of hardware and software ensures seamless transitions and precise movement, showcasing the potential of multi-functional robotics in real-world applications.

Rehtin's creation demonstrates the future of hybrid robotics, blurring the line between land and air mobility while expanding the possibilities for versatile robotic systems.



Enrique Acosta Gonzalez is a decorated U.S. Navy veteran with a remarkable 26-year military career. Following his service, he transitioned into the corporate world as a leadership expert and entrepreneur.

He is the founder and CEO of **Triad Leadership Solutions**, a firm dedicated to empowering leaders and organizations by providing specialized coaching and development programs. His focus is on fostering humility, resilience, and transformative leadership. Enrique is also a prominent figure in veteran advocacy and leadership education.

As the host of the **Developing the Leader Within Podcast**, he shares compelling stories of valor and leadership, drawing lessons that inspire and educate listeners about service, citizenship, and leadership principles. His work reflects his commitment to supporting the military and civilian communities through mentorship and skill-building initiatives.

Enrique's career embodies the values of service and excellence, and his influence continues to grow through his contributions to leadership development and community impact.

Holiday Visionary Voice:

HUMANITY AT THE HEART OF CHRISTMAS

Enrique Acosta Gonzalez,
Member of the GCBL Board of Directors, Entrepreneur, Veteran

As we gather this Winter Season to celebrate the Christmas Holiday, I am mindful that only 160 countries out of 195 celebrate this Holiday. So, I begin by saying "Season's Greetings" to all our global citizens around this amazing world and our entire GCBL Family.

This is a time for family and community gatherings, reflection, celebration and an opportunity to show generosity and goodwill. It is also a time when many remember those precious loved ones that did not get to see these festive days. Their lives live on in our memories and the traditions we've created together and we honor their contributions into our lives. In whatever situation you find yourself today, know that my heart, thoughts and prayers are with you.

I would like to share a childhood story of when I celebrated Three Kings Day in Puerto Rico. I was two years old at the time and I vividly remember getting my shoe box ready with straw and grass for the camels. I placed it under my bed and went to bed with the hopes that they would stop by our house that evening. When I rose in the morning, there was a brand-new Steve Austin Action Figure doll in place of the straw and grass. I was so happy, and I cherished that item and thought it was the best thing ever. Looking at it now from an adult perspective, I realized that the true gifts were my parents but I was too young and shortsighted to realize it at the time.

You see, it is our humanity, our families, our dear friends that are the true reason for these Holiday Seasons. They are the true gift under the trees and the blessings of life.

I want to encourage us all to look for the true treasures in life and take a moment in these festive times to share a smile, laughter and hugs because time flies by but the memories last a lifetime.

I am aware that not everyone is in a circumstance that is desirable and could be leading to desperation. You are in my prayers for a positive outcome. This is a great time to look around you and find someone to bless that may be in need, for we know what it may be like to be in want.

May we always remember that our humanity is truly defined by what we leave in each heart of the people we meet in our lives. It is these feelings that allow us to feel there is hope for the future. I wish you all an amazing rest of the year and send my hope for a very prosperous New Year full of health, joy, peace and love.

Presidential COLUMN



An Interview With:

Dottore **EZIO
STELLATO**

**Charting The Course
For Italian Business Trends**



GTM

Interview



An Interview With:

Dottore EZIO STELLATO

Charting The Course For Italian Business Trends



A

gentleman whose word is his bond. A true professional, valiant protector, reliable comrade and overall individual of good nature.

When you see the total number of Degrees and Master's Degrees that Ezio Stellato has acquired, you'd think he was a career student. From Economics and Commerce to Business and Society Management, Politics, Communication, Law, Public Affairs and Lobbying and Tax Law, he has catapulted himself to significant academic heights.

With such a diversified educational journey with Degrees and Master's Degrees in different disciplines, how has this plurality of skills influenced his approach as a business and tax consultant?

Said Stellato, *"Being specialized in three apparently unrelated and different sectors, such as economics, law and institutional relations but*

their knowledge has allowed me to have an overview, seeking even in a simple consultancy, an always different and self-critical point of view."

This Italian professional's academic success has led him to quite a rewarding career path. A Chartered Accountant and expert in Tax Law and Business Consulting, he is also the Director of Fiscal Policies at the Milton Friedman Institute. Additionally, Stellato is the President of the Centre for Studies on International Taxation (CeSFI) in Milan and Chairman of the Board of Directors of Factory Tax, a consulting firm with offices in several Italian cities.

He is also an Advisor and member of the Scientific Committee of the Milton Friedman Institute. Furthermore, he represents the National

“... History teaches us that the greatest economic empires were born from failures ...”



Anti-Racket and Anti-Usury Association in the Chamber of Deputies, Adjunct University Professor of Tax Law.

Are these non-stop pursuits all a collective indication of how he chooses to show up in life? What was his life motto?

“I have two of them: ‘Never stop dreaming.’ and ‘By giving (of) yourself, you receive; forgetting yourself, you find yourself.’ (altruism).”

Stellato's motivation, coupled with his professional and educational strengths make him a valuable asset in many quarters.

As Director of Fiscal Policies at the Milton Friedman Institute, what contribution does he think the Institute can offer to promote more efficient fiscal and economic policies in line with the principles of the free market?

“The hope of Friedman's liberal policies to date are focused on the issues of simplification aimed at the application of simple and efficient regulations in the legal field. Today in Italy, we are experiencing a phenomenon called legal uncertainty and it frightens political and economic decision-makers. In fact, the winning key of the companies that rely on the Friedman Institute is contained precisely in the competence of several specific sectors and the great ability to listen that politics lends to the Friedman Institute as an element of comparison for its political, social and economic knowledge at an international level.

This is the secret of the current success of our consortium, which has a high turnover, whose customers are also the major players in the business at a national and international level.”

There are varying growing concerns among companies and entities regarding business tax in one way or another. As someone who has worked as an insolvency practitioner and consultant for companies in difficulty, what are his insights about a company that is in crisis?

Stellato expounded, *“The real signs can be seen immediately in a company. It is a complex (set) of very precise rules and regulations. A company cannot be governed with emotions. This does not mean that we should not go beyond the probable negative economic result.*

History teaches us that the greatest economic empires were born from failures. See Bezos who worked hard to sell books in a garage. The numbers speak for themselves and it is normal



that in order not to bankrupt a company, you need to have a multi-sectoral vision."

Stellato being the President of the Center For Studies On International Taxation (CeSFI), he highlighted the main challenges that companies

"... today the richest entrepreneurs are no longer the industrialists but the influencers ..."

face in global taxation. "The new challenges of companies are all linked to welcoming the future no longer as a futuristic idea but as an idea of the imminent present. We must accept that the world has changed and with it, the businesses and the entrepreneurs themselves, today the richest entrepreneurs are no longer the industrialists but the influencers, who are much more powerful than a political body or any type of lobbying we are talking about."

As the interview moved to the subject of the future, there was a firm belief that digitization is definitely a solid aspect of future success. How does he see the role of digitalization in the tax and accounting management of companies? Does he believe that digital tools can improve efficiency and reduce errors?

"Absolutely. The role of digitization has improved and made work and control processes more efficient. What is missing is a global digital language. There are too many different platforms that don't interact with three of them and that's a big penalty point."

In his own beloved Italy, there is often talk about the need for tax reform. What changes does he think are the most urgent to make the tax system fairer and more competitive in the country and around the world?

Replied Stellato, *"The key point for a tax reform would be the implementation of the abolition of administrative penalties, which would result in greater tax revenue because the average taxpayer would no longer feel under pressure. And if with the higher revenues, the State reciprocated with adequate services, a cycle of*



tax relief would automatically be created."

With a wealth of knowledge gained over the years, he has some wisdom to impart to younger or aspiring Tax Advisors.

What key skills, including soft skills, does he think that a young Tax Advisor should develop to succeed in an ever-changing industry?

His answer was as creative as it was constructive. Said Stellato, *"He must have artistic skills because The Economy is like a great stage of a great world theatre. The script changes, the scenario changes but the economic objective of the theatre does not change. Only the choice of the customer changes but the final goal of the theatre will always be to sell tickets."*

Mention being made of the Europe-based organization, Global Chamber of Business Leaders (GCBL), which in its ten years has accrued massive success in its development and reached within the past four years or so, he was asked in what way the organization could partner with or support institutions regarding changing the face of economic policies and regulations?

"Knowledge and collaboration between the two bodies is nothing more than the creation of an international socio-cultural volcano. The skills of

the Global Chamber of Business Leaders (GCBL), combined in synergy with the political analysis of the Friedman Institute, make both Institutes acquire a dominant position at the international level."

"... Only the choice of the customer changes but the final goal of the theatre will always be to sell tickets ..."

Continuing to share his wisdom for the benefit of aspiring professionals, he turned his attention to mentorship. There is a plethora of free and paid options that seek to guide and educate this group but mentorship is a growing area of the 'giving back' trend.

There is a heavy push from some mentors to encourage start-up Founders and solopreneurs to concentrate on one product, service or idea and build on it.



As someone who has a multidisciplinary background, would he advise aspiring entrepreneurs to do this or would he encourage delving into various paths, etc.?

“... The impetuosity of twenty years ago and the person I am today – calm, reflective and mature ...”

He stated, *“Today the best solution is to pursue the saying, ‘Unity is strength.’ Today, if you have a good project, you just have to represent it well and expose it to the market of financiers. In Italy, the most concrete phenomenon is crowdfunding. Even the Italian Stock Exchange itself with the Mamacrowd platform of the Azimut Group, verified by Consob, specializes in start-ups and financing for innovative companies.”*

He has paid the price of sacrifice and has seen the trajectory of calculated risks and careful planning. In hindsight, what would he say is the biggest positive difference between his younger self and the current version of himself?

Simply put, he said, *“The impetuosity of twenty years ago and the person I am today – calm, reflective and mature.”*

Stellato has also been a Speaker for numerous conferences and is an author of scientific and popular publications on tax and tax matters. He has spoken success into his career and written and rewritten the chapters of his life.

With everything that he has encountered and experienced, is there anything at all that he'd change? *“I would do the same path because I have always been passionate about political relations and economics. I have gained a great deal of experience in these fields.”*

Article **END**

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Youth Perspective:

FROM EXPERIENCE TO INNOVATION: LEADING ACROSS GENERATIONS

Ioanna Petrochilou, GTM Columnist

In today's changing workplace, the conversation around Millennials and Gen-Zers often centers on their differences in work style, values and career approach. Leaders often feel the generational gap widening, especially when younger generations view work, purpose and success differently. While there are differences, there is also great opportunity.

Leaders today are faced with a unique challenge: balancing the goals of their organizations with developing young talent in a way that respects their values and growth. The key isn't just leading with authority but leading with understanding, recognizing the mindset and motivations of younger generations, while also valuing seasoned experience.

The Youth Mindset:

Fresh Energy, New Perspectives

For Millennials and Gen-Zers, work is no longer just about a paycheck. It's about purpose, flexibility and finding meaning in what they do. They value authenticity, connection and growth. Their minds are wired differently, shaped by the digital age and globalization. With access to information and technology like no previous generation, their ability to learn and adapt is unparalleled but they also demand opportunities to learn in ways that are engaging, interactive and relevant.

At first glance, these traits may appear to clash with the more traditional values of older generations who came from a world where work was defined by hierarchy and a more linear career path. But this is where the beauty of leadership shines. While older generations may have learned through experience, Millennials and Gen-Zers often seek to learn through collaboration, innovation and exploration. And it is in these very differences that both sides can find tremendous value.

Leadership:

Balancing Company Goals With Personal Development

The most successful leaders today are those who focus on the growth of their teams. It's no longer enough to hit targets or meet deadlines. The future of any organization depends on cultivating talent, young talent that drives innovation, pushes boundaries and inspires change. How can leaders meet today's demands while ensuring tomorrow's needs?

The key is balance. Successful leaders assert company goals while,

I'm Ioanna, a leader who believes in the power of connection, empathy, and uplifting others. With a background in Project Management and as a Certified Proposal Management Professional (CPP), I've been privileged to lead global teams, blending structured processes with a passion for people. My approach to leadership goes beyond managing tasks—it's about creating spaces where individuals can thrive, grow, and shine.

Writing and public speaking are my platforms for inspiring others. In each role, I aim to empower people to see their potential and pursue their dreams. My work centers around Talent Management and People Development, where I strive to foster cultures that value each person's unique strengths.

YOUTH PERSPECTIVE



Youth Perspective:

FROM EXPERIENCE TO INNOVATION: LEADING ACROSS GENERATIONS

understanding that developing young professionals is equally important. Without nurturing the potential of future leaders, a strong innovative future is impossible. Leaders today must create environments that encourage collaboration, continuous learning and opportunities for young people to grow.

Mentorship:

The Bridge Between Generations

One of the greatest tools a leader has is mentorship. A mentor offers wisdom but also listens and guides. Millennials and Gen-Zers often seek mentors who teach them not just the 'how' of a job but the 'why'. They want to know how their work fits into a bigger picture. How can their contributions make a real difference? How can they develop not just skills but the mindset to thrive in today's fast-paced, constantly changing environment?

Mentorship is not a one-way street. It's a dynamic exchange. In fact, one of the most rewarding aspects of mentoring young professionals is how much the mentor can learn in return. Younger generations often bring new ideas, technological savvy and creative problem-solving skills to the table. They may challenge established norms, ask tough questions and push for change in ways that may seem uncomfortable to older generations. But that discomfort is where growth happens. Leaders who can embrace this give-and-take relationship and allow themselves to learn from those they lead are the ones who will create an environment where everyone thrives.

A Learning Curve:

Embracing Change Together

For young professionals, the workplace is a learning curve. It's an opportunity to not only gain technical skills but also to understand the value of patience, resilience and long-term vision. While it's true that Millennials and Gen-Zers are often ahead of the curve in terms of technology and adaptability, they may lack experience in navigating the complexities of a professional career. They may want instant results, quicker promotions or more autonomy but the truth

is, every career path requires time, patience and a willingness to learn from the bumps along the way.

For many of them, the concept of working their way up through years of experience, learning from mistakes and persevering may seem outdated. But the reality is, in the ever-evolving world of work, these skills, patience, persistence and adaptability are what will help them succeed in the long run. They need to understand that growth doesn't happen overnight. It's a gradual process of learning, making mistakes, adapting and moving forward with even greater resolve.

The beauty of this learning curve is that it offers both sides of the equation - leaders and young professionals - a chance to evolve together. Leaders who understand this dynamic can help shape young talent into the leaders of tomorrow, while young professionals who embrace this journey will be better equipped to navigate the complexities of their careers.

Millennials, Gen-Z And The Value Of Cross-Generational Learning

The relationship between younger generations and their leaders is one of mutual learning. Leaders need to understand that the world of work is shifting and the values that drive young professionals are just as valid as the values that shaped the previous generation. At the same time, young people must recognize that experience, patience and resilience still matter. They must learn to appreciate the value of mentorship and the importance of understanding their role in the bigger picture of an organization's mission.

Millennials and Gen-Zers have the opportunity to shape the future of work but they must be willing to learn from the past and from those who have walked the path before them. It's about finding a balance between innovation and tradition, between ambition and experience. In doing so, they will not only grow as individuals but also help to build organizations that are strong, resilient and prepared for the future.

The future of work belongs to both today's leaders and tomorrow's visionaries. When we embrace our differences and learn from each other, we unlock limitless potential. By balancing organizational goals with youth development, we create workplaces that not only succeed but endure - building a legacy that lasts.

YOUTH PERSPECTIVE



A dramatic scene of a nuclear explosion. In the foreground, the silhouettes of a man and a woman are seen from behind, looking towards a massive, glowing mushroom cloud that rises into a dark sky. The explosion is intense, with bright orange and yellow flames and thick black smoke. The ground is dark and appears to be a desolate, open field. The overall mood is one of awe and potential danger.

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HUMANITY'S MOST DANGEROUS

Unpredictable Future, Global Trends Magazine, 22nd Edition 2024



THE NEW NUCLEAR ARMS RACE

WHY THIS ERA COULD BE HUMANITY'S MOST DANGEROUS

Unpredictable Future, Global Times Magazine, 22nd Edition 2024

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s the world transitions into a new geopolitical landscape, the once-fading specter of nuclear war has returned with alarming force. Unlike the nuclear arms race of the Cold War, today's competition is three-pronged, technologically advanced, and lacking in robust arms control frameworks. With tensions between global superpowers escalating and new technologies amplifying the risk of miscalculation, humanity now faces a far greater existential threat than ever before.

A Legacy of Caution, Now Abandoned

In 1985, US President Ronald Reagan and Soviet leader Mikhail Gorbachev stood united in declaring, "A nuclear war cannot be won and must never be fought." This commitment to restraint led to decades of arms control agreements, reducing the world's nuclear arsenals from a staggering 60,000 warheads to fewer than 15,000 today.

Key treaties, such as the Anti-Ballistic Missile (ABM) Treaty, the Intermediate-Range Nuclear Forces (INF) Treaty, and the New START agreement, established a framework for mutual trust and stability.

However, since the US withdrew from the ABM Treaty in 2002, this architecture has steadily eroded. With the New START set to expire in 2026, the two largest nuclear powers—Russia and the

US—will soon face an unregulated arms race for the first time in half a century.

The New Arms Race:

What Sets It Apart?

1. A Three-Way Competition

Unlike the Cold War, which revolved around the US-Soviet rivalry, today's nuclear arms race involves three major players:

- The United States, modernizing its arsenal while grappling with the challenges of deterring two adversaries simultaneously.
- Russia, aggressively advancing its capabilities with new and highly sophisticated weapons.



“... Unlike the Cold War, which revolved around the US-Soviet rivalry, today’s nuclear arms race involves three major players: The United States, Russia, and China ...”

- China, rapidly expanding its nuclear stockpile in a bid to reshape global power dynamics.

This three-way competition is inherently more volatile, with no precedent for balancing such a complex equation of deterrence.

2. Technological Transformations

Technological advances have fundamentally altered the dynamics of nuclear strategy:

Hypersonic Missiles: These weapons, capable of traveling at speeds exceeding Mach 5, are nearly impossible to intercept, reducing decision-making windows to mere minutes.

Cyber Warfare: Vulnerabilities in command-and-control systems increase the risk of unauthorized launches or system failures.

Artificial Intelligence: AI-driven decision-making could misinterpret adversarial actions, escalating conflicts without human oversight.

Space Weaponization: The targeting of satellites critical to early warning systems could blind nations to imminent threats.

These innovations add layers of unpredictability, creating an environment where miscalculation is not only possible but likely.

China’s Ascent:

The Unpredictable Factor

China’s rapid expansion of its nuclear arsenal is a central driver of the current arms race. While estimates suggest Beijing possesses around 500 nuclear warheads, it aims to double this number by 2030.

Unlike the US and Russia, China has historically avoided arms control negotiations, leaving its strategic intentions shrouded in mystery.

China’s investments in nuclear-capable hypersonic missiles, submarine-launched ballistic missiles, and space-based systems signal its ambition to challenge US dominance in strategic deterrence. This opacity heightens the risk of miscalculation, as neither Washington nor Moscow fully understands Beijing’s nuclear doctrine.

Russia’s Resurgence:

From Modernization to Escalation

Russia, under Vladimir Putin, has embraced an aggressive nuclear posture. Its arsenal includes groundbreaking systems designed to circumvent traditional defenses:

The Avangard Hypersonic Glide Vehicle, capable of evading missile defense systems.



The Poseidon Underwater Nuclear Torpedo, a weapon designed to cause widespread radioactive contamination along coastlines.

The Burevestnik Nuclear-Powered Cruise Missile, with virtually unlimited range.

These advancements reflect Russia's determination to counter US capabilities and assert its status as a global superpower.

The United States:

Caught Between Two Adversaries

For the first time, the US faces the challenge of deterring two nuclear peers. This dual threat has sparked fierce debates in Washington about how to respond:

Should the US increase the size of its arsenal to match the combined strength of Russia and China?

Or should it focus on modernizing its existing stockpile and refining its targeting strategies to ensure effective deterrence?

The Biden administration has signaled its intention to prioritize modernization, but conflicting reports suggest a growing willingness to expand the arsenal if necessary.

The Collapse of Arms Control

The unraveling of arms control agreements has left the world without the safeguards that once restrained nuclear competition. Russia's suspension of the New START treaty and its withdrawal from the Comprehensive Test Ban Treaty (CTBT) underscore the fragility of these frameworks.

The CTBT, signed by 178 countries, has prevented nuclear testing since 1998, with the notable exception of North Korea. However, without US ratification, the treaty lacks the authority to enforce its provisions, raising concerns about a return to testing.

A World Closer to Midnight

The Doomsday Clock, maintained by the Bulletin of the Atomic Scientists, now stands at 90 seconds to midnight, the closest it has ever been to global catastrophe. This grim milestone reflects the combined threats of nuclear proliferation, technological advancements, and rising geopolitical tensions.

The Road Ahead:

Urgent Action Needed

The current trajectory is unsustainable. Without immediate action, the world risks spiraling into an unregulated arms race with catastrophic consequences. Key steps include:

Reviving Arms Control: Multilateral negotiations must include China alongside the US and Russia to address the realities of a three-way competition.

Incorporating Emerging Technologies: Future treaties must account for cyber warfare, AI, and space-based systems.

Rebuilding Trust: Diplomatic efforts should prioritize transparency and communication to reduce the risk of miscalculation.

Conclusion:

A Perilous Gamble

The new nuclear arms race is not a mere repetition of Cold War dynamics—it is a far more dangerous game, played in an era of technological uncertainty and geopolitical instability. The stakes are unimaginably high, and the consequences of failure could be apocalyptic.

As the world hurtles toward an uncertain future, leaders must recognize that the only way to win this race is to stop running altogether. The time for decisive action is now.



REVOLUTIONIZING REALITY WITH FLAVOR TECH

Technology Trends, Global Trends Magazine, 22nd Edition 2024

Researchers at the City University of Hong Kong have developed a groundbreaking device that simulates taste in virtual reality. This lollipop-shaped mouthpiece leverages tiny gel-filled pockets containing food-grade chemicals to recreate up to nine distinct flavors, including sugar, salt, cherry, and green tea. By applying an electrical current, these flavors are activated and mix with saliva on the tongue, allowing users to adjust intensity by modifying the voltage.

TECH TRENDS

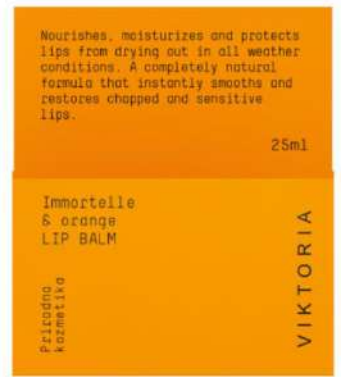
Described as a "portable gustation interface," this invention offers transformative potential in virtual environments. From enhancing remote shopping experiences to revolutionizing VR gaming and human-machine interactions, the device introduces a multisensory layer to digital spaces, paving the way for immersive virtual dining and entertainment experiences.

The interface represents a leap forward in integrating taste into the virtual world, promising exciting advancements in technology and user engagement.



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Joseph R. Cullen (Joe)

Author | Entrepreneur | Social Activist

I'm an entrepreneur with a background in broadcast and cable TV, having worked with major companies like Max Media, Sinclair, and Comcast.

I've founded five businesses, with successful exits from three. In 1995, I pioneered one of the first fully digital businesses.

Today, I focus on helping entrepreneurs through coaching, books, and digital courses via [Joe-Cullen.com](#) and [Business-Matters.us](#).

My nonprofit, [Sidre](#), supports justice-involved individuals in rebuilding their lives.

I hold a Bachelor's in Communications from Arkansas State University, with minors in Marketing and Political Science.

Visionary White Paper:

THE POST-INCARCERATION PERIOD: BUILDING PATHWAYS TO OPPORTUNITY

Joseph R. Cullen, GTM Columnist

The post-incarceration period is a pivotal moment for individuals seeking to reintegrate into society, particularly for Millennials, Gen Z and Gen X, who remain in their prime working years. Unfortunately, many face significant barriers to employment, education and entrepreneurship due to the stigma of a criminal record. A coordinated effort by governments, employers and corporate entities is essential to dismantle these barriers and promote successful reintegration.

This article explores how targeted interventions and corporate social responsibility initiatives can support these individuals and create meaningful opportunities.

Challenges Facing Post-Incarceration Individuals Employment Barriers

The unemployment rate (not including under-employment) for formerly incarcerated individuals hovers around 27%, which is nearly five times the national average (Sawyer & Wagner, 2022). This disparity disproportionately affects Millennials and Gen X, many of whom are eager to rebuild their lives but find themselves automatically disqualified.

Education Gaps

Access to quality education during incarceration is limited. While some individuals participate in programs like Second Chance Pell Grants, many lack the digital literacy and industry-relevant skills needed for today's job market (U.S. Department of Education, 2022). Without targeted educational support, their ability to compete in a tech-driven economy is severely restricted.

Entrepreneurship Challenges

Entrepreneurship offers a pathway to independence, yet systemic barriers, such as restricted access to capital and mentorship, persist. The rate of self-employment among returning citizens is less than half that of the general population, stifling the entrepreneurial potential of Millennials and Gen X (Small Business Administration [SBA], 2023).

The Role of Government Education and Vocational Training

Expanding education and vocational programs is critical. Governments should fund partnerships with community colleges and trade schools to deliver certifications in high-demand fields like healthcare, technology and skilled trades. Programs like UNICOR, which offer incarcerated individuals work experience, could be enhanced by incorporating modern training and entrepreneurship development to align with Millennials' and Gen Z's aspirations.

Enhanced Employment Incentives

VISIONARY WHITE PAPER



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POST-INCARCERATION PERIOD:
 BUILDING PATHWAYS TO
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Existing initiatives like the Federal Bonding Program and the Work Opportunity Tax Credit offer tangible incentives to employers but require modernization. The Federal Bonding Program provides \$5,000 in insurance coverage to employers who hire ex-offenders, protecting against employee dishonesty. Raising this benefit

Entrepreneurship Resources

Governments can further support returning citizens by creating microloan programs tailored to their needs, reducing reliance on traditional credit systems.



Don't wait for the right
 opportunity: create it.

George Bernard Shaw

to \$10,000 could make the program more appealing, particularly for small and mid-sized businesses (Federal Bureau of Prisons, n.d.). Similarly, tax credits for hiring returning citizens should be expanded, with higher credit amounts for companies that also provide mentorship and training.

The Clean Slate Initiative

Programs like the Clean Slate Initiative, which automate the sealing of certain criminal records, are essential for reducing employment discrimination. Many individuals are disqualified after background checks, even in States with "Ban the Box" laws. Clean Slate legislation removes this barrier by ensuring eligible records are sealed automatically, giving individuals a fair chance to compete for jobs without the stigma of their past (Clean Slate Initiative, n.d.).

VISIONARY WHITE PAPER



Expanding SBA initiatives to include targeted mentorship for formerly incarcerated entrepreneurs would provide critical guidance, particularly for individuals who see building businesses as their only way to self-sufficiency.

The Role Of Employers Fair Hiring Practices

Employers play a critical role in the reintegration process. While "Ban the Box" laws prevent initial

discrimination, the reality is that most job applicants face background checks later in the hiring process. Employers can take a more proactive approach by partnering with initiatives like the Federal Bonding Program to mitigate perceived risks. Hiring returning citizens not only diversifies the workforce but also addresses labor shortages in industries such as construction, manufacturing and technology.

Training and Development

Corporate-sponsored training programs can bridge the skills gap for returning citizens. Employers should invest in

Visionary White Paper:

THE
POST-INCARCERATION PERIOD:
 BUILDING PATHWAYS TO
 OPPORTUNITY

mentorship programs and on-the-job training to build both technical and soft skills. Flexible work arrangements, including remote work options, can also support individuals by providing a balance between employment and ongoing education or family responsibilities.

Corporate Social Responsibility

Corporate entities can drive systemic change through CSR initiatives that target education, employment and entrepreneurship for returning citizens.

Education and Skills Development

Tech companies, such as Microsoft and Google, have already established digital literacy and coding boot camps. Expanding these programs to include returning citizens would help bridge the digital divide. Scholarships or tuition reimbursement programs can further incentivize education for individuals returning to society.

Employment Pathways

Companies like JPMorgan Chase have demonstrated the success of direct hiring pipelines through their Second Chance Program, which provides career pathways for formerly incarcerated individuals (JPMorgan Chase, 2023). Expanding such initiatives across industries would create more equitable employment opportunities.

Entrepreneurship Support

Corporate-backed incubators and accelerators can nurture entrepreneurial talent among returning citizens. Offering seed funding, mentorship and networking opportunities can empower individuals to create businesses, fostering economic growth in underserved communities. These programs resonate with the entrepreneurial aspirations of many post-incarceration individuals.

The Broader Impact

The post-incarceration period should be a time of hope and renewal, not of insurmountable barriers. Governments must modernize policies, employers must embrace fair hiring practices and corporate entities must use their influence to drive systemic change. The successful reintegration of formerly incarcerated individuals benefits society. Reducing recidivism saves

taxpayers billions annually in incarceration costs, while stable employment and entrepreneurship reduce reliance on social welfare programs (Sawyer & Wagner, 2022). Inclusive hiring practices also help businesses address labor shortages and diversify their workforce, creating a more innovative and competitive economy.

For Millennials, Gen Z and Gen X, reintegration is a chance to rebuild their lives and contribute meaningfully to society. By removing systemic barriers and investing in their potential, governments, employers and corporate entities can transform the challenges of re-entry into opportunities for personal and economic growth.

**Your
 current situation
 is giving you
 an opportunity
 to re-evaluate
 what you want**

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VISIONARY WHITE PAPER





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RANKED: 25 BEST CITIES TO LIVE IN THE WORLD

Best Cities, Global Trends Magazine, 22nd Edition 2024

A

s the year 2024 winds down, many of us dream of a haven far removed from the daily chaos and global turbulence. In the search for a city that embodies tranquility, culture, and a fulfilling lifestyle, Valencia, Spain, shines brightly. According to the Expat Insider 2024 report, Valencia has reclaimed its title as the world's best city to live in, and it's easy to see why this Mediterranean gem is a beacon for expats worldwide.

Valencia:

A Mediterranean Masterpiece

Nestled on Spain's sun-drenched eastern coast, Valencia is a city where old-world charm meets modern sophistication. Its picturesque streets are lined with stunning architecture, from Gothic cathedrals to futuristic masterpieces like the City of Arts and Sciences.

The Plaza de la Virgen in the old town captures the essence of Valencia's history and heart, while its miles of pristine beaches provide a serene escape for residents and visitors alike.

One of the key reasons Valencia tops the rankings is its outstanding quality of life. Expats rave about the city's affordability,

particularly its public transportation system, which boasts a 96% satisfaction rate. Recreational opportunities are abundant, with 95% of respondents praising the variety of activities, from vibrant festivals like Las Fallas to tranquil walks in the Turia Gardens, a sprawling park reclaimed from a former riverbed.

Valencia also stands out as a haven of safety. In the survey, not a single expat reported dissatisfaction with their personal safety—a rare and remarkable statistic in today's world.

Spain's Dominance:

A Lifestyle to Envy

Valencia isn't alone in representing Spain's allure. With five cities in the top 25, Spain



"... European giants such as Munich, Berlin, and Hamburg also ranks near the bottom due to challenges like housing affordability and job market stagnation. Rome, Italy, with its breathtaking history and culture, rounds out the lowest rankings, hampered by similar issues ..."

solidifies its position as an expat paradise. Málaga, a sun-soaked coastal city, ranks second overall and is celebrated for its ease of settling in. Known as the city with the happiest expats, Málaga offers retirees and professionals alike a warm climate, rich cultural experiences, and a slower pace of life.

Alicante, another Spanish standout, takes third place on the list. This charming city excels in affordable housing and digital accessibility, making it a favorite for younger expats and families.

Meanwhile, **Madrid** (ranked seventh) and **Barcelona** (ranked 21st) continue to captivate with their dynamic energy, rich history, and culinary excellence.

A Global Perspective:

The Best and the Worst

While Spain dominates the top rankings, the list showcases a diverse array of global standouts. **Panama City** and **Mexico City**, for instance, impress with their affordability and vibrant cultural scenes.

Bangkok, Thailand, offers an unmatched combination of low living costs and a welcoming atmosphere, securing sixth place.

The World's 10 Lowest Ranked Cities To Live

- 1. Vancouver, Canada**
(ranked 53 out of 53 countries overall)
- 2. Hamburg, Germany**
(ranked 52 out of 53 countries overall)
- 3. Toronto, Canada**
(ranked 51 out of 53 countries overall)
- 4. Munich, Germany**
(ranked 50 out of 53 countries overall)
- 5. Istanbul, Turkey**
(ranked 49 out of 53 countries overall)
- 6. Cologne, Germany**
(ranked 48 out of 53 countries overall)
- 7. Milan, Italy**
(ranked 47 out of 53 countries overall)
- 8. Berlin, Germany**
(ranked 46 out of 53 countries overall)
- 9. Frankfurt, Germany**
(ranked 45 out of 53 countries overall)
- 10. Rome, Italy**
(ranked 53 out of 53 countries overall)

WORST CITIES

However, not all cities share the same fortune. The report highlights challenges faced by cities like **Vancouver**, Canada, which comes in last place (53rd). Despite its natural beauty, Vancouver struggles with skyrocketing housing costs, limited career prospects, and a lackluster social scene. Toronto, another Canadian city, fares only slightly better at 51st.

European giants such as **Munich**, **Berlin**, and **Hamburg** also rank near the bottom due to challenges like housing affordability and job



market stagnation. **Rome**, Italy, with its breathtaking history and culture, rounds out the lowest rankings, hampered by similar issues.

Valencia:

A City of Possibility

What makes Valencia so unique isn't just its location or climate—it's the lifestyle it offers. From dining on fresh paella by the sea to cycling through the city's extensive bike lanes, life in Valencia is about savoring the moment. For the 27% of expats who moved to Valencia for a better quality of life, the city has delivered beyond their expectations.

Valencia's imperfections, such as limited career opportunities, pale in comparison to its advantages. For those seeking a balance between professional pursuits and personal happiness, Valencia offers the perfect antidote to the stresses of modern living.

A Yearning for Something Better

As we close another chapter and reflect on the places we call home, Valencia reminds us of what life can be. It's a city that inspires, not just because of its beauty but because it represents what is possible when quality of life takes precedence.

Ranked: **The 25 Best Cities To Live In The World**

- 1.Valencia, Spain
- 2.Málaga, Spain
- 3.Alicante, Spain
- 4.Panama City, Panama
- 5.Mexico City, Mexico
- 6.Bangkok, Thailand
- 7.Madrid, Spain
- 8.Abu Dhabi, UAE
- 9.Dubai, UAE
- 10.Vienna, Austria
- 11.Lisbon, Portugal
- 12.Kuala Lumpur, Malaysia
- 13.Basel, Switzerland
- 14.Muscat, Oman
- 15.Athens, Greece
- 16.Luxembourg City, Luxembourg
- 17.Ho Chi Minh City, Vietnam
- 18.Amsterdam, Netherlands
- 19.Copenhagen, Denmark
- 20.Ras Al Khaimah, UAE
- 21.Barcelona, Spain
- 22.Zurich, Switzerland
- 23.Stockholm, Sweden
- 24.Taipei, Taiwan
- 25.Nairobi, Kenya

BEST CITIES

For those dreaming of a better tomorrow, Valencia stands as a symbol of hope—a city where the Mediterranean sun kisses the earth and life is celebrated in its simplest, most meaningful forms. Could this be the place you've been searching for?

Article **END**



INSPIRED BY NATURE: **SMARTER, ENERGY-EFFICIENT ROBOTS**

Technology Trends, Global Trends Magazine, 22nd Edition 2024

Researchers at the Queensland University of Technology (QUT) have drawn inspiration from nature to advance robotic intelligence. By studying how animals and insects navigate their environments, they have developed a groundbreaking, energy-efficient robotic navigation system. This innovation holds promise for robots operating in challenging environments, such as disaster zones or space exploration.

TECH TRENDS

The research, led by Dr. Somayeh Hussaini, leverages Spiking Neural Networks (SNNs), a form of artificial intelligence that mirrors the way animal brains process information through short, rapid signals. Unlike traditional AI models that demand significant computational power, SNNs operate with remarkable efficiency. This makes them ideal for robots with limited energy resources, where conserving power is critical.

In practical tests, the SNN-based system was implemented on a low-powered robot, successfully demonstrating its capacity to perform complex navigation tasks while using minimal energy. This advancement could transform the design of robotics, enabling the deployment of smaller, more cost-effective robots in scenarios where traditional robots would struggle to sustain operation.

From autonomous rescue bots in disaster-hit areas to planetary explorers in the vastness of space, this research opens the door to a new era of intelligent, energy-conscious robotics.



Her Leadership Voice:

EMPOWERING WOMEN: THE KEY TO VALUES-DRIVEN LEADERSHIP IN MODERN BUSINESS

Dr. Khomotšo Malete-Mashalane, GCBL Delegate for South Africa

In the intricate landscape of today's business world, integrating values-driven leadership is not merely an aspirational goal but a practical necessity. Insights from "Understanding Values Work: Institutional Perspectives in Organizations and Leadership" underscore the pivotal role that core values play in shaping effective leadership and achieving organizational success.

Women have emerged as vital contributors in this arena, bringing unique qualities such as empathy, resilience and strategic thinking – traits that are essential for navigating contemporary challenges. Their ability to transform abstract values into actionable principles creates environments where collaboration, transparency and ethical decision-making flourish.

The Strategic Imperative Of Inclusion

As organizations aim to align their recruitment and leadership strategies with core values, the intentional inclusion of women in leadership roles becomes a strategic imperative. This approach not only enhances diversity and inclusion but also drives innovation and sustainable growth. However, the responsibility of embodying and communicating values lies with all leaders. Consistent alignment between words and actions is crucial for maintaining organizational credibility and fostering a culture of accountability.

The example of "Shero" highlights the profound impact of values-driven leadership, demonstrating how proactive engagement and feedback can cultivate a supportive and inclusive organizational culture.

Path Forward

To advance the agenda of values-driven leadership, organizations should prioritize the following steps:

Enhance Diversity in Leadership:

Actively recruit and promote women into leadership positions to harness diverse perspectives and skills. This not only addresses

Dr. Khomotšo Malete-Mashalane, based in South Africa, is a notable figure in leadership and gender equity. She serves as a Delegate for the Global Chamber of Business Leaders (GCBL), where she contributes to advancing gender equality initiatives on a global scale. Dr. Malete-Mashalane has a Master's Degree from Edinburgh Business School and is recognized internationally as a speaker, author, and thought leader on issues like workplace equity and human capital development.

PROSE OF BUSINESS





Her Leadership Voice:

EMPOWERING WOMEN: THE KEY TO VALUES-DRIVEN LEADERSHIP IN MODERN BUSINESS

equity but also enriches the decision-making process with varied insights essential for tackling complex challenges.

Align Recruitment With Values:

Ensure that recruitment strategies reflect organizational values, emphasizing diversity and inclusion to foster innovation. Women, with their unique ability to reinforce values across generations, are instrumental in operationalizing these strategies.

Foster Open Communication:

Encourage leaders to consistently communicate and exemplify company values, reinforcing their relevance in daily operations. This transparency helps employees understand how values apply to their work, fostering a culture of trust and accountability.

Promote Continuous Learning:

Provide training and development opportunities focused on values-driven leadership to cultivate a culture of ethical decision-making. This empowers all employees to align their actions with organizational values, enhancing overall effectiveness.

Engage Stakeholders:

Involve employees, stakeholders and the community in discussions about values to build a shared understanding and commitment. This engagement ensures that values are not just theoretical but are actively integrated into the organizational culture.

Conclusion

By implementing these strategies, organizations can create a robust framework for values-driven leadership that empowers women and drives sustainable success. As highlighted by leading sources such as Forbes and the American Psychological Association, women leaders bring a results-oriented approach that is crucial for long-term success and resilience.

PROSE OF BUSINESS



Article **END**



LAMBORGHINI LANZADOR SET TO ARRIVE BEFORE 2030

Automotive Industry, Global Trends Magazine, 22nd Edition 2024

In the dynamic world of luxury automotive engineering, Lamborghini continues to defy expectations, staying resolute in its electrification journey even as other brands pivot strategies in response to global challenges in the EV market. CEO Stephan Winkelmann has reaffirmed the brand's commitment to launching its first fully electric model, the highly anticipated crossover inspired by the 2023 Lanzador concept, well before the decade's close.

Strategic Flexibility Without Compromise

Lamborghini's timeline remains firm, yet adaptable. Winkelmann emphasizes the company's readiness to adjust, stating, *"We have ample time to decide whether to accelerate or delay the introduction of EVs. For now, we're not considering postponing anything. Our plan to debut an electric vehicle by the end of the decade aligns with our vision to expand the lineup with a fourth model."*

Current offerings like the hybrid-powered Urus SUV, along with the supercars Revuelto and Temerario, have been enthusiastically embraced, underscoring the demand for Lamborghini's blend of traditional powertrain prowess and cutting-edge hybrid technology.

Unlike competitors who have committed to hard deadlines for phasing out internal combustion engines (ICE), Lamborghini's measured approach has proven advantageous.

Lessons from Competitors:

A Shifting Landscape

The broader luxury automotive sector has seen significant recalibrations in electrification strategies. Lotus, once steadfast in its ambition to be fully electric by 2028, is now incorporating range-extended hybrids. Similarly, Bentley has pushed its all-electric milestone from 2030 to 2035. Even Porsche, Lamborghini's sister brand under the Volkswagen Group, is revising certain EV projects to integrate hybrid powertrains—a pragmatic response to evolving market conditions and consumer preferences.



For Lamborghini, these developments signal opportunities to refine its roadmap without the need for abrupt course corrections. The next-generation Urus, slated for a 2029 release, is expected to be fully electric, yet industry watchers speculate a hybrid variant may accompany its debut, ensuring the brand remains versatile and competitive.

"... Our plan to debut an electric vehicle by the end of the decade aligns with our vision to expand the lineup with a fourth model ..."

Charting the Future of Luxury Evs

Lamborghini's commitment to innovation is unwavering. The Lanzador project represents more than just an electric crossover; it symbolizes the brand's ambition to redefine luxury and performance in the EV era.

As Lamborghini navigates this transformative phase, it does so with an eye toward preserving its identity—where technology serves to enhance, not replace, the visceral thrill its vehicles are known for.

By maintaining a balance between tradition and innovation, Lamborghini is not merely keeping pace with the industry but setting a benchmark for how iconic luxury brands can evolve without losing their essence. The coming years promise exciting developments, and all eyes will be on Lamborghini as it turns its electric dreams into reality.

Article **END**





CELEBRATING 53 YEARS OF UNITY AND VISION

Anniversary Celebration, Global Trends Magazine, 22nd Edition 2024

O

n the 53rd Union Day of the United Arab Emirates, leaders, citizens, and residents came together to honor a nation that stands as a global symbol of wisdom, achievement, and boundless opportunity. Over the past five decades, the UAE has united people from diverse backgrounds under its banner of peace and progress, creating a society where innovation and humanity thrive.

"We Love UAE" Initiative:

A Celebration of Unity

The centerpiece of the celebration was the "We Love UAE" initiative, organized by the Women's Business Circle Team and held at the iconic BurJuman Center.

This moving event brought together participants from over 45 nationalities, all expressing gratitude and love for the UAE—a country that champions coexistence and collaboration. This initiative embodied the nation's unique spirit of harmony and shared purpose.

GCBL's Distinguished Participation

The Global Chamber of Business Leaders (GCBL) proudly contributed to the success of

this extraordinary event. Among the distinguished guests was **Dejan Štancer**, President of GCBL, who delivered a compelling message:

"It is a profound honor to receive this extraordinary invitation, which validates my efforts in championing the success and empowerment of women in business. The world stands on the strength of women—without you, there would be no us, and nothing of true substance would exist."

Moreover, my heartfelt congratulations on the United Arab Emirates' National Day, celebrating the magnificent 53rd Anniversary of Independence and Sovereignty."

Štancer's words highlighted the vital role of women in shaping a brighter future and reflected the UAE's commitment to inclusion and empowerment on a global scale.



A Nation of Endless Possibilities

Under visionary leadership, the UAE has become a global hub for talent and innovation, attracting dreamers and doers from across the world. Its open-door policy for creativity and goodwill reinforces its status as a beacon of generosity and progress. The nation fosters a culture of empowerment, making it a land of endless opportunities.

Gratitude to the Nation That Unites Us

The event was a powerful moment to express collective gratitude to the UAE—a nation that embraces all and offers a shared pathway to progress. From small entrepreneurial endeavors to groundbreaking achievements, the UAE nurtures success and inspires a global vision of unity.

Women's Business Circle:

Champions of Achievement

The Women's Business Circle Team exemplified the UAE's ethos of collaboration and empowerment, organizing an event that seamlessly blended tradition and innovation.

Their efforts echoed the spirit of the nation, which

"... From small entrepreneurial endeavors to groundbreaking achievements, the UAE nurtures success and inspires a global vision of unity ..."

celebrates the power of unity and shared success.

A Visionary Future

As the UAE marks 53 years of unity and unparalleled achievements, it looks forward to a future brimming with possibilities. This celebration was not only a tribute to its remarkable past but also a testament to its visionary path forward.

Happy 53rd Union Day to the UAE—a land of opportunity, unity, and limitless ambition!

Article **END**



The AI Revolution:

WHICH CAREERS WILL ENDURE?

Artificial intelligence, Global Trends Magazine, 22nd Edition 2024



The AI Revolution:

WHICH CAREERS WILL ENDURE?

The rapid advancement of artificial intelligence (AI) is reshaping industries worldwide, creating both anxiety and opportunity. Businesses are integrating AI technologies at an unprecedented pace, and occupations that once seemed immune are beginning to feel its impact. However, this transformation is not just about job losses—it's also about the emergence of new, high-value roles and reshaping the workforce for the future.

AI's Impact on Jobs:

An Overview

AI's integration into the workplace has already led to reduced demand for certain roles, declining wages, and shifts in job availability. For instance, companies like BT (formerly British Telecom) have announced significant workforce reductions, aiming to replace tens of thousands of employees with AI systems.

This reflects broader predictions, such as those from Goldman Sachs, which estimates AI could replace up to 300 million jobs globally in the coming years.

Key areas affected include customer service, graphic design, programming, teaching, and content creation, where automation is replacing

routine and repetitive tasks. Advanced systems combined with hologram technology are even replacing human customer service with interactive avatars.

A Dual Perspective on AI

While AI is perceived as a threat to traditional jobs, it is also a creator of opportunity. Job postings for AI-related roles have surged. According to The Telegraph, LinkedIn saw "head of AI" roles triple globally over the past five years, with UK job postings mentioning AI more than doubling in just two years.

A PwC study reveals that while nearly half of UK employees expect AI to affect their roles in the next five years, one-third of business leaders believe it will create entirely new job categories. Roles such as AI engineers, ethicists, auditors, and trainers are



emerging to manage, guide, and refine these technologies.

Resilient Professions in the Age of AI

While some fields face obsolescence, others are thriving. Studies from the Organization for Economic Co-operation and Development (OECD) and research by the University of Pennsylvania highlight careers that are less likely to be automated. These include:

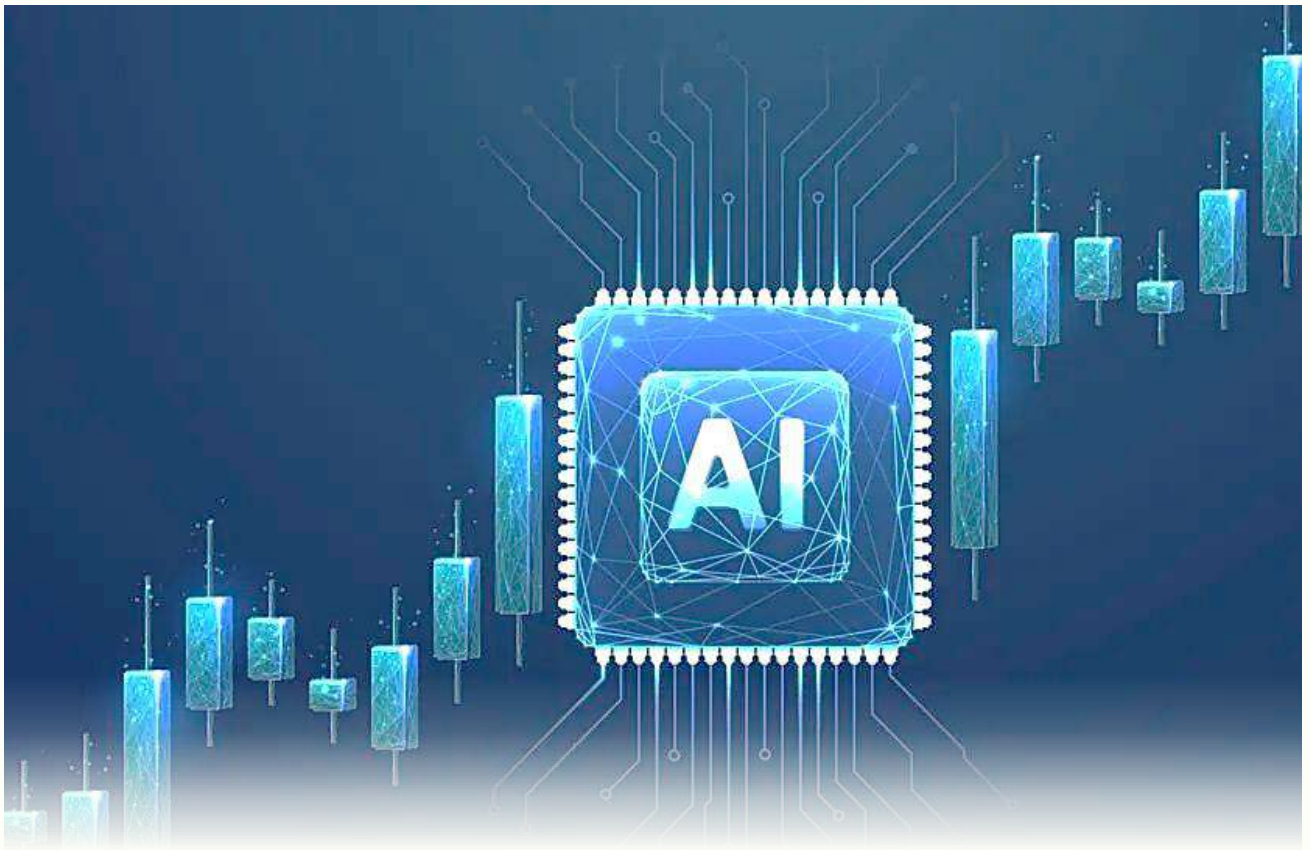
- **Healthcare Professionals:** Specialized roles like orthodontists, oncologists, and surgeons remain critical due to their reliance on human expertise and empathy. Despite fluctuations in salaries (e.g., oncology wages fell by 8.4% in 2023), the field remains resilient.
- **Skilled Trades:** Manual jobs such as plumbing, oil drilling, and carpentry are largely unaffected by AI. These roles require physical labor and hands-on problem-solving, which are challenging for machines to replicate.
- **AI-Adjacent Careers:** Jobs focusing on AI itself—like “prompt engineers” and “AI trainers”—offer lucrative opportunities. In 2023, some of these positions commanded salaries as high as £192,000 per year.

“... **“head of AI” roles tripled globally over the past five years ...”**

- **Creative Fields with a Human Touch:** Although AI can assist in tasks like writing or designing, careers that require unique personal expression, storytelling, or deep cultural understanding remain safer from automation.

The Rise of AI-Specific Jobs

The growing demand for AI-related expertise is evident. In the U.S., nearly one-third of all tech roles in 2023 were tied to AI, with salaries averaging 77%



higher than other technical jobs, according to Biz Report. Meanwhile, employees are proactively upskilling: LinkedIn reported an 80% increase in users searching for AI-related courses in just three months.

The Future Workforce:

A Collaboration with AI

Elon Musk and other tech leaders envision a future where jobs might become obsolete, with AI performing most tasks. Musk has described AI as the "biggest disruptive force for jobs," suggesting that future work could be more about personal fulfillment than necessity. However, this scenario raises concerns about inequality and workforce displacement.

Rishi Sunak, former UK Prime Minister, has advocated for viewing AI as a "co-pilot" that complements human abilities rather than replacing them. Yet, unions like Prospect warn that unregulated AI could exacerbate workplace inequalities and bias.

Adapting to the New Landscape

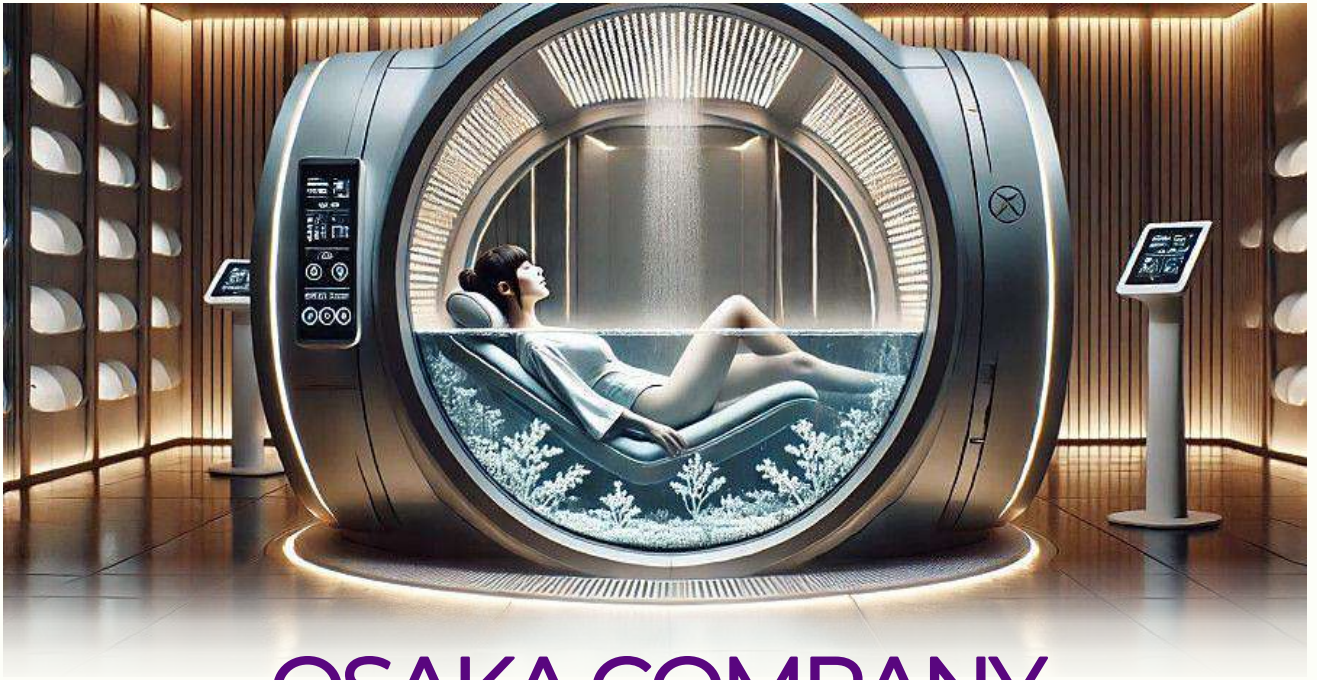
AI's influence on the job market is undeniable, but it doesn't have to be catastrophic. Proactive adaptation—through education, policy, and

**"... future work
could be more
about personal
fulfillment
than necessity ..."**

innovation—can help society harness AI's benefits while mitigating its risks. Whether embracing new roles in AI or strengthening human-centric careers, the key lies in resilience and adaptability.

As AI reshapes industries, one question remains: Are we ready to evolve with it?

Article **END**



OSAKA COMPANY INTRODUCES HIGH-TECH HUMAN WASHING MACHINE

Technology Trends, Global Trends Magazine, 22nd Edition 2024

An Osaka-based innovator has revealed a futuristic bathing experience with their "Human Washing Machine of the Future." This egg-shaped pod not only fills with water and adjusts its temperature based on your pulse but also enhances relaxation with soothing visuals projected inside.

TECH TRENDS

The pod combines ultrasound waves and massage balls for a luxurious 15-minute wash-and-dry cycle, offering a spa-like self-care routine.

Though not yet available for purchase, 1,000 lucky individuals can experience it this April at Osaka's Healthcare Pavilion by reserving online.

Plans for a home version are underway, aiming to "cleanse the mind and body." Would you dive into this next-level bath?



7 BRILLIANT IDEAS

FOR BUILDING A POWERFUL PERSONAL BRAND

Brilliant Ideas, Global Trends Magazine, 22nd Edition 2024

G

rowing up, I recall a time when generic, uninspiring brands filled supermarket shelves. Despite their comparable quality, I avoided them—my mind and taste buds gravitated toward products with a distinct identity. The packaging made all the difference. This simple idea illustrates the power of a personal brand. It's what sets you apart—transforming you from a faceless name into a recognizable, credible authority. In the past few years, my personal brand has opened doors to speaking engagements, partnerships with prestigious organizations, and countless other rewarding opportunities.

If you're ready to elevate your brand, here are seven actionable strategies to help you stand out and make a lasting impression:

1. Clarify Your Focus

Your personal brand thrives on clarity. People need to know what you stand for. Are you an innovative tech expert, a marketing guru, or a wellness advocate?

By defining your niche, you allow others to associate your name with a specific area of expertise.

Think about the best-known names in your industry. What comes to mind when you hear their names?

Chances are, it's their unique focus. The clearer your core message, the stronger your brand identity becomes.

2. Build a Community, Not Just an Audience

Instead of fixating on sales, prioritize building a tribe of loyal supporters. Your community should consist of people who know, like, and trust you. This is the foundation of any successful personal brand.

Use tools like email lists, social media platforms, and in-person networking to foster genuine connections. Encourage followers to engage with your content and participate in discussions. A strong community amplifies your reach and creates lasting loyalty.

3. Leverage Social Media Effectively

Social platforms are the backbone of modern



branding. Share insights, opinions, and updates that align with your brand identity. For example:

- Post daily on Twitter to spark discussions.
- Share thought-provoking updates on LinkedIn.
- Engage with audiences through Instagram Stories.
- Social media isn't just a broadcasting tool—it's a space to interact, build credibility, and nurture relationships.

4. Use Video to Bring Your Brand to Life

Video content bridges the gap between you and your audience, creating a personal connection. Whether it's a quick tutorial, a behind-the-scenes look, or an inspiring message, video makes your brand relatable and human.

Platforms like YouTube, Instagram Reels, and TikTok can be invaluable tools. They allow you to share your expertise while letting your personality shine.

5. Speak at Events and Host Your Own

Public speaking offers unparalleled opportunities

***"... Take it
a step further
by hosting your
own events,
whether in-person
or virtual ..."***

to position yourself as an expert. By presenting your ideas at industry events or conferences, you enhance your credibility and visibility.

Take it a step further by hosting your own events, whether in-person or virtual. These gatherings strengthen your connection with your audience and place your brand at the forefront of the conversation.

6. Write a Book



Publishing a book instantly elevates your authority. It's a tangible representation of your expertise and commitment to your craft. When people see your name on a book cover, they perceive you as credible and accomplished.

Your book doesn't have to be a bestseller to make an impact. The very act of publishing establishes you as a thought leader.

7. Secure Media Coverage

Media appearances can significantly boost your visibility and credibility. Whether it's a feature in a magazine, a guest spot on a podcast, or a segment on a local news station, media exposure positions you as a go-to expert.

To achieve this, you'll need to be proactive. Develop a press kit, pitch relevant story ideas to journalists, and make yourself available for interviews. The effort is well worth the results.

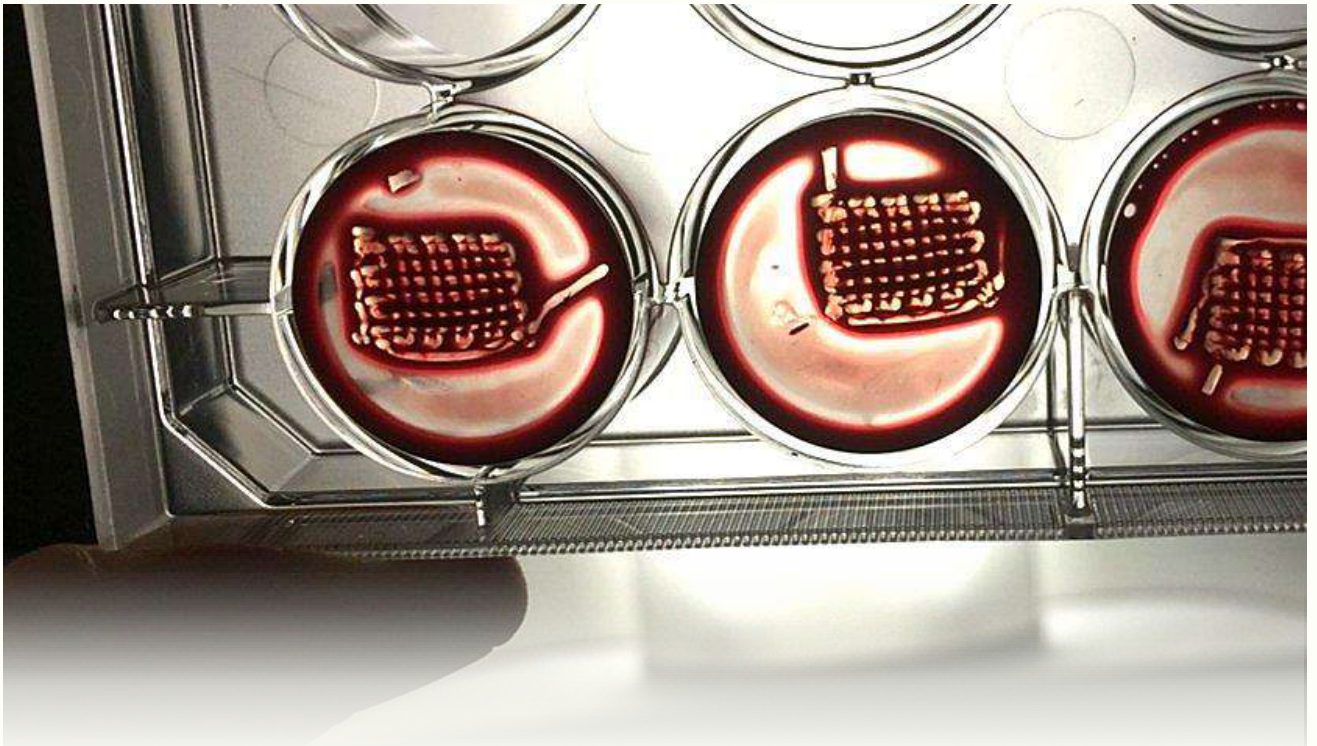
Final Thoughts

Building a strong personal brand is a journey, not a one-time effort. It requires focus, consistency, and a willingness to adapt. By implementing these strategies, you'll establish a brand that not only stands out but also resonates deeply with your audience.

Remember, your personal brand isn't just about you—it's about the value you bring to others. As you grow your brand, you'll unlock opportunities to make a meaningful impact in your industry and beyond.

Start today. The world is waiting for your brilliance.

“... Building a strong personal brand is a journey, not a one-time effort ...”



UNIVERSITY OF NOTTINGHAM DEVELOPS **BLOOD-BASED IMPLANTS** TO **HEAL** AND REGENERATE BONES

Technology Trends, Global Trends Magazine, 21st Edition 2024

Scientists at the University of Nottingham have created groundbreaking implants made from a patient's own blood to accelerate natural healing processes and even regenerate bone tissue. By combining peptides with blood, they developed a self-assembling material that mimics and enhances the structural and functional properties of natural tissue.

TECH TRENDS

This innovative material can be manipulated and even 3D-printed, paving the way for highly personalized therapies. In animal trials, it demonstrated remarkable success in repairing bone injuries by activating natural mechanisms like platelet behavior, cell recruitment, and growth factor generation.

This breakthrough could transform regenerative medicine, offering a new frontier in treating injuries and diseases with patient-specific, blood-based therapies.



WHAT TO DO IF YOU OVERINDULGE IN SUGAR: **EXPERT NUTRITION ADVICE**

Christmas Advice, Global Times Magazine, 22nd Edition 2024

It's a scenario many can relate to: enjoying too much sugar late in the evening and waking up the next day feeling sluggish or regretful. Nutritionists emphasize that occasional indulgence is normal and doesn't have to derail your health goals. Instead of guilt or extreme measures, focus on practical steps to restore balance.

Avoid Overcompensation

Marissa Besk, a nutritionist interviewed by Eating Well, advises against calorie restriction or drastic detox measures the next day. Attempting to "undo" the effects of sugar by skipping meals or cutting out carbs can backfire. Instead, return to your normal routine, listen to your body's hunger cues, and prioritize balanced, nutrient-dense meals.

"Restricting leads to bingeing, and bingeing leads to restricting. Give yourself grace, eat a balanced meal, and break the cycle before it begins," explains Besk.

Start with a Nutritious Breakfast

The morning after, kickstart your day with a

breakfast high in protein and fiber. A balanced breakfast helps stabilize blood sugar, boosts energy, and prevents cravings later in the day. Some examples include:

- Greek yogurt with berries and granola
- Scrambled eggs with spinach and whole-grain toast
- A smoothie with protein powder, spinach, and almond butter


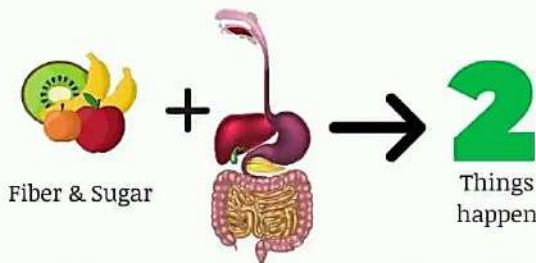
Stay Hydrated


Hydration plays a crucial role in flushing out excess sugar from the body and maintaining energy levels. Drinking water throughout the day can help reduce fatigue and support digestion.

Fiber Digestion

Sugar is broken down for energy the same way regardless of whether it's natural or added. With the exception of Fiber.

Foods like fruit contain both sugar and fiber. These foods are digested differently

1 Healthy bacteria is produced in the gut 

2 Fiber slows digestion



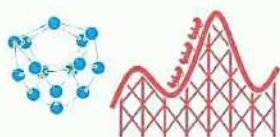
Fiber Slows Blood Glucose Levels

Sugar + Fiber



Slow blood glucose levels and improve health

Sugar Alone



Blood glucose will spike then crash

Incorporate Light Physical Activity

Taking a walk, even for just 10–20 minutes, can aid digestion and help stabilize blood sugar levels. Physical activity also improves mood and reduces the sluggish feeling often associated with sugar overindulgence.

Focus on Balanced Meals and Snacks

Throughout the day, aim for meals and snacks that include a mix of macronutrients:

- Proteins (like chicken, tofu, or legumes) for sustained energy
- Healthy fats (such as avocados or nuts) for satiety
- Complex carbohydrates (like quinoa or sweet potatoes) for energy stability

Skipping meals to compensate for overeating can lead to increased hunger hormones, resulting in more intense cravings later. Nutritionist Alexis Silver highlights that *“your overall habits and lifestyle determine your health, not occasional indulgences.”*

Tips for a Sugar Reset Day

- Add plenty of fresh vegetables to your meals to boost fiber and support digestion.
- Include probiotic-rich foods like yogurt or kimchi to promote gut health.
- Take time for mindfulness or relaxation techniques to reduce stress, which can contribute to sugar cravings.

Cultivating a Healthy Relationship with Food

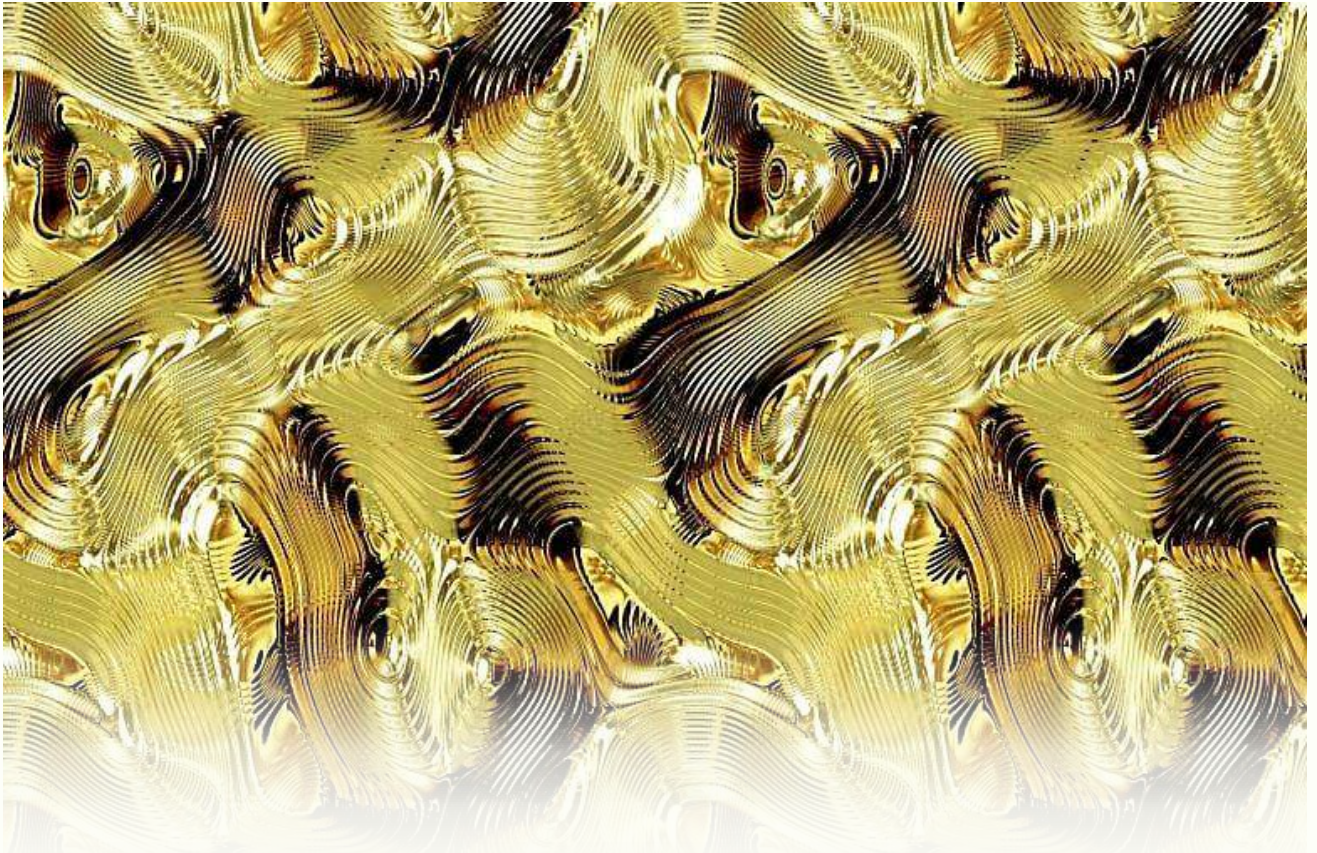
Overindulgence happens to everyone, and it's important not to dwell on it. “Some days, you'll eat more sugar, salt, or fat, but your overall habits are what matter,” Silver reminds us. A healthy approach to eating involves flexibility, self-compassion, and balance.

The Takeaway

When you find yourself indulging in sugary treats, don't resort to extreme measures the next day. Instead, focus on hydrating, eating balanced meals, and staying active. Over time, building a consistent routine with nutrient-dense foods will support both physical and mental well-being.

By following these steps, you can recover from overindulgence without guilt and keep progressing toward your health goals.

Article **END**



GOLD-BASED CANCER DRUG OFFERS HOPE BEYOND CHEMOTHERAPY

Technology Trends, Global Trends Magazine, 22nd Edition 2024

Researchers at RMIT University, in collaboration with Indian scientists, have developed a gold-based drug that shows remarkable promise in treating cancer. In preclinical trials, it slowed tumor growth by 82% and demonstrated superior effectiveness over chemotherapy by precisely targeting cancer cells.

TECH TRENDS

The drug is up to 27 times more effective than cisplatin in fighting cervical cancer, 3.5 times better for prostate cancer, and 7.5 times more potent against fibrosarcoma.

In mouse models, cervical tumor growth was significantly curbed, achieving an 82% reduction compared to cisplatin's 29%. It also prevents angiogenesis, the formation of new blood vessels that tumors need to thrive.

This innovative approach targets thioredoxin reductase, an enzyme that allows cancer cells to multiply and resist treatments. By disrupting this process, the gold-based compound offers a promising alternative to conventional chemotherapy with potentially fewer side effects, paving the way for groundbreaking cancer therapies.



Technology Trends, Global Trends Magazine, 22nd Edition 2024



OpenAI has introduced SoraAI, its cutting-edge video creation tool, exclusively for ChatGPT Plus and Pro subscribers. Now available in the U.S. and many other countries, SoraAI offers groundbreaking features such as text-to-video, image animation, and video remixing.

TECH TRENDS

ChatGPT Plus users (\$20/month) can generate up to 50 priority videos in 720p resolution, with a maximum duration of 5 seconds. Pro subscribers (\$200/month) enjoy unlimited video creations, up to 500 priority videos, 1080p resolution, no watermarks, and the ability to generate five videos simultaneously.

While accessible in most regions where ChatGPT operates, SoraAI is not yet available in Europe, the UK, or Switzerland due to regulatory hurdles.

OpenAI is committed to responsible use, with strict safeguards in place to block harmful content, including explicit deepfakes and abusive materials.



THE ENIGMA
MATA
FROM DANCER TO



ATIC
HARI
DOUBLE AGENT

Naked agent, Global Trends Magazine, 21st Edition 2024



THE ENIGMATIC MATA HARI

FROM DANCER TO DOUBLE AGENT

Mata Hari, one of the most enigmatic figures of the First World War, captivated the world with her allure, mystery, and eventual downfall. Born in 1876 in Leeuwarden, Holland, she lived a life that evolved from a glamorous dancer to a figure entangled in espionage—a journey that ultimately led to her tragic end in 1917, when she faced a firing squad in Paris.

Early Life:

Luxury to Hardship

Margaretha Geertruida Zelle, later known as Mata Hari, was born into a privileged Dutch family. Her father, a hat shop owner, had made a fortune in the oil industry, providing her and her brother with a lavish childhood. But when she was 13, her father's fortunes turned, leading to the family's financial ruin and the divorce of her parents. Margaretha went to live with her godfather and attended a school for teachers, where she began to forge her path in life.

The Quest for Stability:

Marriage and Disillusionment

In her twenties, Margaretha sought a stable life

through marriage. At 18, she answered an ad placed by Rudolf MacLeod, a high-ranking officer in the Dutch army seeking a wife. The two married and had two children, seemingly a picture-perfect family. However, the marriage soon soured as Rudolf revealed himself to be abusive, alcoholic, and unfaithful. Margaretha found solace in dance, immersing herself in a new world where she adopted the name Mata Hari, meaning "the sun" in Malay, or more literally, "eye of the day."

After a brief reconciliation, the couple ultimately divorced in 1902 following the death of their young son. Their daughter, Jeanne, stayed with Rudolf. Despite the bitterness of the separation, Margaretha acknowledged that Rudolf had always been a good father, even as she navigated the challenges of being away from her child.



Reinvention:

Mata Hari's Rise as a Dancer

Following her failed marriage, Mata Hari fully embraced her new identity, dedicating herself to the world of dance and reinvention. She became known as Lady MacLeod, a circus performer and model, and later captivated audiences as Mata Hari. Her exotic dance routines, performed in flowing veils, earned her widespread fame and curiosity. She claimed to be an Indonesian princess, crafting a mysterious backstory that made her even more alluring to the European elite.

Her performances were pioneering, bringing a new dimension of erotic dance to French clubs and salons. Some even credit her with helping to elevate this art form from the underground into mainstream popularity, paving the way for future dancers in the interwar period.

A Dangerous Game:

Mata Hari's Foray into Espionage

By the time World War I broke out, Mata Hari was no longer just a dancer—she had become a socialite, mingling with powerful men across Europe. Her life took another dramatic turn when she fell in love with a young Russian pilot named Vadim Maslov, who served in the French army. When Maslov was wounded, Mata Hari sought to

visit him, but the military protocols stood in her way.

Seizing the opportunity, French intelligence officers offered her a proposition: spy on Germany in exchange for one million francs. With the promise of financial security, she accepted, hoping it would secure her future. But Mata Hari's involvement with the world of espionage soon became far more complicated.

In 1916, she met with a German military attaché in Madrid, allegedly to share French intelligence with the Germans in return for a substantial payment. It remains uncertain whether this encounter marked her as a double agent or if it was an attempt to meet with the son of the German Kaiser. Regardless, a few months later, the same German attaché sent a coded message to Berlin about a spy known as H-21—details that aligned with Mata Hari's profile.

The Fall:

Arrest, Trial, and Execution

The message was intercepted by French intelligence, who deciphered it and concluded that Mata Hari was a double agent. It's important to note that the year was 1917, a time rife with paranoia about spies. Mata Hari's history of seducing influential men from both the French and German sides only fueled the suspicion against her.

Her arrest and trial became a media sensation, with the famous Parisian courtesan dominating headlines and conversation. Despite the lack of

"... She claimed to be an Indonesian princess, crafting a mysterious backstory that made her even more alluring to the European elite ..."

concrete evidence, the court found her guilty of espionage, condemning her to death. The judgment reflected the charged political climate of the time, more than any proven acts of treachery.

On the morning of October 15, 1917, in Vincennes near Paris, Mata Hari faced her executioners. Legend has it that she refused to wear a blindfold,



choosing instead to meet her fate with unflinching courage, staring directly into the eyes of the soldiers who would take her life.

The Legacy of Mata Hari

Mata Hari's story remains shrouded in mystery and controversy. Was she a cunning double agent or a scapegoat caught in the crossfire of wartime hysteria?

What is certain is that she lived a life defined by reinvention, ambition, and a relentless pursuit of freedom. Her journey from a Dutch girl in a small town to a global icon serves as a reminder of the allure and danger of playing with power during turbulent times.

Today, Mata Hari is remembered not just as a tragic figure, but as a symbol of intrigue and allure, a woman who danced her way into the hearts of many and left a mark on history that endures over a century after her death.

Article **END**

Mata Hari

(born **Margaretha Geertruida Zelle** on **August 7, 1876**, in **Leeuwarden, Netherlands**)

became famous as a dancer and courtesan in **Paris**. After a troubled marriage in **Indonesia**, she moved to France and crafted a new identity.

During **World War I**, she was accused of being a **double agent**, allegedly spying for both France and Germany. Her movements between countries and connections to military officials led to suspicions. She was arrested by French authorities, tried, and **executed by firing squad** on **October 15, 1917**, near **Paris**.



THE FUTURE OF SPACE TRAVEL & MEDICINE

Technology Trends, Global Trends Magazine, 22nd Edition 2024

In groundbreaking research led by Gerald Kerth at the University of Greifswald, German scientists have turned to bats to explore the potential for human hibernation—a crucial step for the future of long-duration space exploration. Published in the Proceedings of the National Academy of Sciences, the study examined the mechanical properties of erythrocytes (red blood cells) in both hibernating and non-hibernating bats, comparing these findings to human blood cells.

TECH TRENDS

The research revealed a key adaptation: during hibernation, bat erythrocytes become less elastic and more viscous at low temperatures. This transformation enables bats to endure extreme conditions, a phenomenon absent in human blood cells. These findings suggest a potential pathway for developing medically induced hibernation, which could revolutionize space travel and critical medical procedures.

Although deep-space missions are still aspirational, the ability to modify human blood cell mechanics could yield immediate benefits in medical applications. For instance, procedures like deep hypothermic circulatory arrest (DHCA), used in complex surgeries, could become safer and more effective.

This research underscores the potential of biomimicry—drawing inspiration from nature to solve human challenges. As we edge closer to ambitious frontiers like interplanetary travel, the humble bat might hold the key to unlocking one of humanity's greatest challenges: surviving the long, cold voyage to the stars.



ZODIAC SIGNS SET FOR LOVE IN THE COLD MONTHS

WINTER ROMANCE AWAITS

Romantic Zodiac, Global Times Magazine, 22nd Edition 2024

The stars have always been our silent companions, whispering secrets of love, destiny, and connection. In the vastness of the universe, astrology offers a poetic reminder that we are all intricately connected to something greater than ourselves. Each zodiac sign tells a story—a unique melody in the symphony of life—filled with passion, longing, and romance.

Imagine your sign as a guiding constellation, lighting the path to your heart's desires. Aries, with their fiery intensity, teach us the thrill of pursuing love fearlessly. Taurus reveals the beauty of steadfast devotion, while Gemini enchants with the dance of conversation and curiosity. Cancer reminds us that true love is found in vulnerability, while Leo celebrates the dazzling light of affection shared boldly.

As temperatures drop, some zodiac signs can expect their hearts to warm with romantic possibilities. This winter, the universe has aligned to bring a whirlwind of affection and connection for a select few. Whether single or taken, these signs are poised for meaningful moments of love and passion. Here are the three signs that will experience romance at its peak this season.



Cancer

Known for their deep emotional connections, Cancers are set for a love-filled winter. Singles may attract a partner who resonates with their sensitive and nurturing nature, while those in relationships will feel a renewed sense of intimacy with their significant other. Picture snowy strolls, cozy nights by the fire, and heartfelt conversations. The stars predict a season of warmth and security for Cancers, making it their time to thrive in love.

Libra

This winter, Libras exude an irresistible charm, drawing others to their balance of tenderness and passion. For single Libras, a flirty encounter could spark something long-lasting, while couples will enjoy deepened understanding and romantic gestures reminiscent of a classic love story. The harmony-loving Libra is set to embrace the magic of winter with meaningful connections and unforgettable moments.

Sagittarius

Known for their adventurous spirit, Sagittarius will find love in the most unexpected places this winter. Whether during a snowy getaway or a casual outing, romance is on the horizon. For those already in relationships, the season will be filled with joint adventures and shared excitement, strengthening their bond. Sagittarius' magnetic energy and spontaneity will attract love in a swift and surprising way, making it an unforgettable season for this fiery sign.

Virgo's quiet care speaks of love in the details, Libra's balance brings harmony to hearts, and Scorpio's depth unveils love as a profound transformation. Sagittarius ignites a longing for adventure and shared dreams, Capricorn proves that love built on loyalty lasts, Aquarius inspires us to love unconventionally, and Pisces, ever the dreamer, shows us how to lose ourselves in the boundless ocean of emotion.

Whispering of Universe

Astrology isn't just about predictions; it's a language of the soul. It reminds us that love is written in the stars—sometimes subtle, sometimes blazing, but always present. Each alignment and retrograde, each full moon and solstice, carries the promise that love, in all its forms, is as infinite as the cosmos itself.

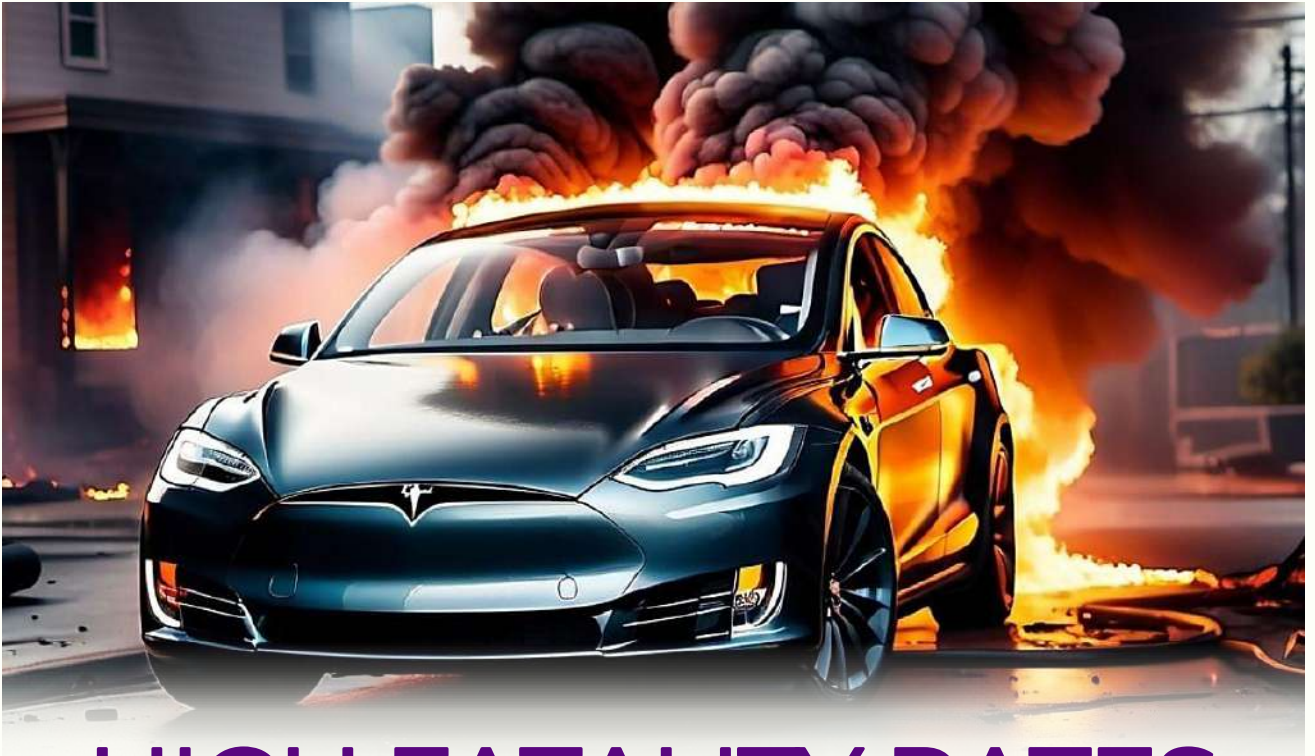
So, as you gaze at the night sky, let its quiet majesty speak to you. Somewhere up there, in a constellation crafted just for you, the universe whispers: You are loved.



The Power of the Stars

While astrology offers guidance and inspiration, it's important to remember that your actions and intentions ultimately shape your relationships. These predictions provide a playful glimpse into what could be an extraordinary winter for Cancer, Libra, and Sagittarius.

As the frost blankets the earth, the warmth of love takes center stage. For these zodiac signs, the upcoming months promise heartfelt connections, shared laughter, and perhaps even a fairy-tale romance. Will this winter be your season of love? Only time will tell!



HIGH FATALITY RATES RAISE QUESTIONS

TESLA'S SAFETY RECORD UNDER SCRUTINY

Technology Trends, Global Trends Magazine, 22nd Edition 2024

New research by iSeeCars reveals Tesla's vehicles as having the highest rate of fatal accidents in the U.S., casting doubt on the brand's reputation for safety. Analyzing data from 2017 to 2022, the study identified the Tesla Model S and Model Y as two of the most dangerous vehicles. The Model S, for instance, has a fatal crash rate 3.7 times higher than the average car and 4.8 times higher than typical SUVs.

TECH TRENDS

This troubling trend persists despite Tesla's advanced features like Autopilot and Full-Self Driving (FSD), which are designed to prevent accidents. The report found Tesla's fatality rate at 5.6 crashes per billion miles, slightly higher than Kia's 5.5 but still alarming.

Critics argue that these systems may inadvertently create a false sense of security, causing drivers to disengage and react poorly in critical situations.

While Tesla vehicles excel in crash test ratings, this data underscores a disconnect between lab results and real-world outcomes, highlighting the role of driver behavior and environmental factors. Experts are now calling for heightened awareness of autonomous technology's limitations and improved driver education to address overconfidence in these systems.



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DARWIN MX PRO MICROSCOPE: REVOLUTIONIZING MICROANALYSIS WITH PRECISION

Technology Trends, Global Trends Magazine, 22nd Edition 2024

BeverLab's Darwin MX Pro Microscope sets a new standard in the realm of microscopic exploration, blending cutting-edge technology with user-centric design for unparalleled functionality. This advanced device offers a seamless connection to smart TVs via Wi-Fi, transforming traditional microscopy into an interactive and dynamic experience. Equipped with a 9-inch touchscreen featuring 24-bit color, the Darwin MX Pro brings exceptional clarity and detail, unveiling structures as fine as 0.01 microns with its triple magnification levels and dual LED lighting system.

TECH TRENDS

Precision and convenience define this microscope's capabilities. Real-time mapping tools and 2K/30fps video recording allow users to observe and document their findings effortlessly. The 1/3-inch sensor, designed for superior image capture, delivers sharp images at 2,560 x 1,440 pixels, ensuring no detail is overlooked. With 8 GB of internal storage, users have ample space to save their discoveries, while the 5,000-mAh rechargeable battery provides up to six hours of continuous operation, making it ideal for extended sessions.

The Darwin MX Pro's design further enhances its practicality. Magnetic specimen clips provide secure placement for samples, while the foldable screen makes storage and transport easy. Charging via USB-C, the device supports modern power solutions, ensuring efficiency and reliability. Whether for professional research, educational purposes, or personal exploration, this microscope offers an intuitive platform that elevates microanalysis to new heights.

With its robust feature set, the Darwin MX Pro is not just a microscope; it's a gateway to the microcosm, empowering users to uncover the hidden intricacies of the world around us.



THE ALARMING RISE OF DEEPAKE EXPLOITATION

Deep Fakes, Global Times Magazine, 22nd Edition 2024

The United States is witnessing a surge in explicit deepfake imagery, a disturbing trend that predominantly targets women. Online safety advocates warn that the rapid accessibility of AI software capable of generating realistic but fabricated nude photos is fueling a new form of digital abuse with devastating psychological consequences for its victims.

A Harrowing Trend

Recent studies highlight the normalization of creating explicit deepfake photos using artificial intelligence, raising significant concerns among activists and educators. According to a survey by Internet Matters, 13% of U.S. teenagers have encountered nude deepfakes, underscoring the urgency of addressing this escalating issue. Schools are increasingly grappling with cases where students are both victims and perpetrators of this exploitative behavior.

Real-Life Victims:

Cally Jane Beech and Jodie

Social media influencer Cally Jane Beech became one of the many victims earlier this year

when an AI-generated nude photo, derived from an innocent lingerie picture, surfaced online. Beech described the horrifying experience:

"It looked so realistic. It was like looking at myself, but it wasn't me." She emphasized the damaging implications of such images, calling for stricter measures to combat this form of identity violation.

Jodie, another victim, endured a deeply personal betrayal. After sending a photo to a close friend, Alex Woolf, she discovered it was manipulated and shared online. Woolf was later convicted of offenses against 15 women.

Despite his conviction, current laws only penalized his abusive comments, not the solicitation or creation of the deepfakes. Jodie's advocacy underscores the urgent need for comprehensive

legislation, stating, "Abuse is not your entertainment."

Teachers and Students in the Crossfire

Deepfakes are also infiltrating educational spaces. A survey by Teacher Tap revealed that 7% of teachers had encountered incidents involving students creating fake explicit photos of colleagues. These cases often result in profound mental health impacts on young victims, who face isolation, fear, and skepticism about the authenticity of their claims.

Legislative Steps Forward

Efforts to curb deepfake abuse are gaining momentum. In November, Alex Davies-Jones, Secretary of State for Victims, announced plans to criminalize the creation of deepfakes, with legislation promised in the current Parliament. While activists welcome these steps, they stress the need for stringent enforcement, including bans on creating or soliciting deepfakes and mandating the removal of existing content.



A Call to Action

This rising tide of AI-enabled exploitation calls for decisive action from policymakers, tech companies, and society at large. As activists like Jodie and Cally warn, deepfakes are not harmless entertainment but a modern form of abuse with far-reaching consequences. Enhanced legislation, proactive technology regulation, and public awareness are vital in stemming this growing threat.

Article **END**

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SHANGHAI KEPLER ROBOTICS UNVEILS FORERUNNER K2

Technology Trends, Global Trends Magazine, 21st Edition 2024

Shanghai Kepler Robotics has launched its most sophisticated humanoid robot to date, the Forerunner K2, built to redefine commercial robotics. Featuring 52 degrees of freedom, the K2 boasts remarkably fluid movement, enhanced stability, and a design optimized for quick and efficient maintenance.

TECH TRENDS

The robot's capabilities are just as impressive: with hands capable of lifting up to 33 pounds and equipped with 96 fingertip sensors, it achieves unparalleled precision in object manipulation.

Its advanced vision system, paired with cutting-edge AI and navigation technologies, enables seamless operation in both autonomous tasks and human collaboration.

The Forerunner K2 represents a bold step forward in humanoid robotics, bridging the gap between machine efficiency and human interaction to reshape the future of automation.

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Last But Not Least

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Wishing you the very best until next month, and here's our **inspirational quote** from this month's edition.



TOP 28
SPOTLIGHT
Best Quotes of the Month

“You’re my favorite gift, wrapped in love
and tied with joy this Christmas.”

— Unknown

*At Christmas, love wraps itself
in the quiet glow of a candle,
the soft rustle of snow,
and the joy of hearts coming home.
It is the season where hope finds its voice,
and even the coldest nights feel warm
in the light of shared kindness*



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