

2024 Frost & Sullivan Institute
Visionary Leadership
Best Practices Recognition



FROST & SULLIVAN
BEST PRACTICES
AWARDS

Dr. Ken Yeang
Environment - APAC



Congratulations!

Frost & Sullivan Institute, in partnership with Frost & Sullivan, is proud to present Dr. Ken Yeang with the Visionary Leadership Best Practices Recognition, 2024. This prestigious recognition honors individuals who have demonstrated exceptional foresight and innovative solutions to global challenges, advancing a secure, equitable, and prosperous future for all.

As the world grapples with interconnected challenges like climate change, technological disruptions, and growing inequality, it is crucial to recognize and amplify the efforts of those at the forefront of addressing these issues. The Visionary Leadership Best Practices Recognition celebrates those who proactively seize emerging opportunities and tackle global challenges head-on, fostering transformative change for the betterment of society. Frost & Sullivan's global team identifies leaders who drive progress and implement solutions that benefit a wide array of stakeholders. These individuals are not only leading in their respective fields, but they are also committed to building ecosystems of change—creating sustainable impact for all those involved. Their ability to envision a better future and translate that vision into actionable, scalable solutions is what sets them apart.

This recognition highlights the importance of accelerating the implementation of visionary ideas to inspire widespread action. Through innovation, these leaders are contributing to a future where no one is left behind, advancing sustainable development, and securing long-term growth while addressing urgent global priorities.

Unlike traditional awards given to companies, the Visionary Leadership Best Practices Recognition uniquely honors individuals—those who have taken personal initiative to lead and inspire, contributing in meaningful ways toward solutions that the world urgently needs. These visionary leaders understand that solving global challenges requires not just bold ideas, but a deep commitment to putting these ideas into practice.

Once again, congratulations to Dr. Ken Yeang on your remarkable accomplishments. We look forward to seeing how your vision continues to inspire change, and we wish you continued success in your journey to build a better future for all.

Sincerely,

David Frigstad

Chairman, Frost & Sullivan and Executive Director, Frost & Sullivan Institute



Best Practices Criteria for Visionary Leadership

Frost & Sullivan Institute leverages Frost & Sullivan's rigorous analytical process to evaluate multiple nominees for each recognition category before determining the final recipients. The process involves a detailed evaluation of best practices criteria for each nominated individual.



Strategic Imperative

The Frost & Sullivan Institute's Visionary Leadership Best Practices Recognition is a significant accolade, spotlighting individuals who excel at strategically aligning their innovations with sustainable development. In today's challenging landscape, this alignment with global priorities is a key driver for societal upliftment.

Environmental sustainability has emerged as one of the most pressing global challenges, driven by the escalating impacts of climate change, the depletion of natural resources, and the rapid pace of urbanization. As cities expand and populations grow, the construction sector stands as a major contributor to greenhouse gas emissions and environmental degradation. This underscores the urgent need for sustainable development strategies that not only address these ecological challenges but also ensure long-term economic stability.

Visionary Leadership

Dr. Yeang's work exemplifies the strategic integration of environmental principles into urban development, aligning with the Frost and Sullivan Institute's aim of Innovating Environmental Issues to Zero. The Frost & Sullivan Institute is honored to present Dr. Ken Yeang with the Visionary Leadership Award for his groundbreaking contributions to environmental sustainability in the APAC region.



As a pioneering figure in sustainable architecture, Dr. Yeang has redefined the relationship between the built environment and the natural world. He has dedicated his career as the CEO and Executive Director of T.R. Hamzah and Yeang Sdn Bhd to championing ecological principles in architecture and urban planning. Dr. Yeang's work directly addresses the environmental challenges posed by the construction industry. His innovative designs emphasize energy efficiency, reducing emissions, and minimizing waste, thereby contributing to the development of a circular economy.

Impact

In an era where sustainability is increasingly driven by consumer demand, Dr. Yeang's approach serves as a blueprint for how businesses can integrate sustainable practices without compromising profitability. His contributions demonstrate how architecture can be a powerful tool for both ecological preservation and economic resilience. Additionally, his extensive writings, with over 12 books on sustainable design, have further amplified his impact on green architecture.

Key Accomplishments

Dr. Ken Yeang's projects, such as the Singapore National Library, a green library tower with large, landscaped sky courts, have earned prestigious accolades like the BCA Green Mark Platinum Award and the Singapore Institute of Architects Award.

His work has addressed the Frost & Sullivan Institute's socratic questions relevant to the intersection of sustainability, and infrastructure, providing insights into key environmental challenges. To address the question of 'What are the economic implications of biodiversity loss and ecosystem degradation, and how can we incentivize conservation efforts?', Dr. Yeang advocates for **eco-design principles** that integrate biodiversity into urban planning, reducing the economic costs associated with environmental degradation. Dr. Yeang's designs, such as bioclimatic skyscrapers, demonstrate how businesses can achieve both regulatory compliance and enhanced profitability through eco-friendly infrastructure and resource-efficient processes, thereby answering the question of 'How do environmental regulations impact business operations and profitability, and how can companies integrate sustainability into their core business models?'

Criteria

The Frost & Sullivan Institute recognizes Dr. Ken Yeang based on his innovation, impact, and implementation in environmentally sustainable architecture. Dr. Ken Yeang is recognized not just for the architectural designs he has pioneered, but for the innovative impact and tangible solutions he brings to critical environmental challenges. His work in bioclimatic design and eco-mimicry is particularly significant in addressing the construction industry's high carbon footprint and resource inefficiency. By mimicking natural ecosystems and incorporating climate-responsive features, his designs optimize energy use, reduce emissions, and create environments that work in harmony with the local climate.

Landmark projects like the Mesiniaga Tower and the Solaris Building illustrate how Dr. Yeang's bio-integrated designs address the dual challenge of urbanization and environmental sustainability. These



structures demonstrate the effective use of vertical landscaping, sky courts, and passive energy systems to reduce reliance on artificial climate control, minimizing the environmental impact of large buildings. These innovations reduce waste, improve air quality, and promote biodiversity, directly addressing the environmental challenges posed by rapid urbanization. Dr. Yeang’s visionary approach aligns seamlessly with the Frost & Sullivan Institute’s mission, showcasing the potential to create a more sustainable and resilient future for all.

Conclusion

Dr. Ken Yeang’s work exemplifies a dedication to advancing sustainable architecture through innovative approaches that prioritize energy efficiency, climate responsiveness, and the harmonious integration of human-made structures with nature. By acknowledging his contributions, the recognition not only honors his achievements but also sets a benchmark for others to follow, encouraging a wider adoption of visionary strategies that can drive meaningful change and long-term success.

Frost & Sullivan Institute awards the “2024 Frost & Sullivan Institute Visionary Leadership Best Practices Recognition” to Dr. Ken Yeang for his pioneering approach to bioclimatic design and eco-mimicry that have transformed the way the construction industry addresses environmental challenges. Dr. Ken Yeang’s impact on sustainable architecture serves as an inspiring model for global adaptation.



What You Need to Know about the Visionary Leadership Recognition

Frost & Sullivan Institute's Visionary Leadership Best Practices Recognition identifies the individuals who address the global priorities as identified by the Institute and demonstrate sustainable development of society.

Best Practices Recognition Analysis

For the Visionary Leadership Best Practices Recognition, Frost & Sullivan analysts independently evaluated the criteria listed below.

'Innovating to Zero' on Global Priorities: The individual demonstrates proactivity in 'Innovating to Zero' in terms of one of the following global priorities that form the seven pillars of the Frost & Sullivan Institute:

- i) **Environment:** Environmental initiatives can include climate change, vulnerable groups, behavioral change, international governance, waste management, or others.
- ii) **Education:** Education can encompass equal access, gender parity, EdTech, quality education, education resources, vocational training, or others.
- iii) **Infrastructure:** Infrastructure can incorporate infrastructure as a basic right, technology and infrastructure, environment and infrastructure, urban infrastructure, and financing models, among others.
- iv) **Healthcare:** Healthcare can comprise healthcare crisis, mental health, finance, healthcare systems, advanced healthcare, and technology and healthcare, among others.
- v) **Security:** Human security can refer to transnational governance, human security, food security, or others.
- vi) **Human Rights:** Human rights can involve governance, special group rights, justice, or other such elements.
- vii) **Economics:** Economics can pertain to inequality, new economic regime, FinTech, behavioral change, or others.

Innovation: The Visionary Leader has taken an innovative approach to identifying solutions to tackle one or more of the global challenges. Their innovative approach and unique ideas that challenge conventions and fuel advancement are what distinguishes them as Visionary Leaders.

Impact: The Visionary Leader's impact should be felt on a local, national, or international level, demonstrating a tangible and profound change in the lives of individuals and communities. Their ideas should have resulted in meaningful changes that improved people's lives, promoting progress, empowerment, and well-being.

Implementation: Visionary Leaders make their vision a reality through effective and strategic actions. This may include a list of the steps that were taken, the problems that were solved, and the results obtained



through their efforts.

About Frost & Sullivan Institute

Frost & Sullivan Institute (FSI) is a non-profit organization dedicated to utilizing business practices to address global priorities. The genesis of the institute goes back to our vision of either creating or becoming part of a solution that addresses threats to humanity. Frost & Sullivan Institute has identified strategic imperatives for transformation and believes that by using a Socratic approach, we can truly accelerate innovation to zero. The Institute works in collaboration with leading analyst teams, its internal research team, industry experts, and other partners. It works closely with Frost & Sullivan Inc. to leverage in-house thought leadership in order to identify opportunities for transformation that will arise from innovation, disruptive technologies, and overarching megatrends that will alter the world as we know it today. To learn more about FSI, visit <https://www.frostandullivaninstitute.org/>.

About Frost & Sullivan

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The Growth Pipeline Engine™



Frost & Sullivan's proprietary model to systematically create ongoing growth opportunities and strategies for our clients is fuelled by the Innovation Generator™.



Key Impacts:

- **Growth Pipeline:** Continuous flow of Growth opportunities
- **Growth Strategies:** Proven Best Practices
- **Innovation Culture:** Optimized Customer Experience
- **ROI & Margin:** Implementation Excellence
- **Transformational Growth:** Industry Leadership



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