

2025 Frost & Sullivan Institute Visionary Leadership Best Practices Recognition



FROST & SULLIVAN
BEST PRACTICES
AWARDS

Dr. Anil Rajvanshi
Environment - APAC



Congratulations!

Frost & Sullivan Institute, in partnership with Frost & Sullivan, is proud to present Dr. Anil Rajvanshi with the Visionary Leadership Best Practices Recognition, 2025. 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 and aggressive solutions. 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. Anil Rajvanshi 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 recipient. 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 a critical global challenge, intensified by the growing demand for energy, climate change, and the depletion of natural resources. In rural areas, where access to reliable energy is limited, the need for sustainable solutions is even more pronounced. As rural populations expand, the pressure on natural resources increases, exacerbating environmental degradation. This underscores the urgency of developing energy solutions that are both environmentally sustainable and economically viable. Focused research in renewable energy technologies and rural development strategies is essential to creating systems that reduce environmental impact while fostering long-term economic growth and energy access in underserved communities.

Visionary Leadership

Dr. Anil Rajvanshi's pioneering work in advancing sustainable energy solutions and rural development underscores the pivotal role of innovation in tackling global energy challenges. His efforts align closely with the Frost & Sullivan Institute's mission of Innovating to Zero carbon emissions. The Frost & Sullivan



Institute is proud to recognize Dr. Anil Rajvanshi with the Visionary Leadership Best Practices Recognition for his transformative contributions to promoting renewable energy adoption and fostering environmental sustainability in rural communities in the APAC region.

Benefits

Dr. Anil Rajvanshi, Director of the Nimbkar Agricultural Research Institute (NARI) in Phaltan, Maharashtra, has played a significant role in advancing renewable energy and sustainable rural development in India. With over four decades of experience, he has led numerous initiatives aimed at addressing the energy needs of rural communities through practical and scalable technologies.

Under his leadership, NARI has developed innovative solutions such as multi-fuel lanterns and stoves, improving access to clean energy for underserved populations. Dr. Rajvanshi's work reflects a pragmatic approach to sustainability—integrating scientific research with grassroots application to support rural livelihoods and environmental goals.

Impact

In agriculture, NARI has distributed over 35,000 kg of safflower and sweet sorghum seeds globally over the past 24 years, alongside 5,000+ kg of sweet sorghum syrup and 800+ kg of cactus pads for sustainable fodder solutions. In the renewable energy sector, the institute's early work on low-ethanol concentration stoves and lanstoves (lantern + stove) has influenced the global dissemination of over 500,000 ethanol-based cooking devices. Additionally, NARI's early innovations in electric mobility have contributed to the design inspiration behind more than 100,000 e-rickshaws currently operating across India. The concept of energy self-sufficient villages developed at NARI also helped inform over 1,000 megawatts of biomass power plant capacity implemented through IREDA (Indian Renewable Energy Development Agency). These outcomes highlight NARI's integrated approach to sustainability, delivering practical technologies that enhance rural livelihoods, promote clean energy, and support food and resource security.

Key Accomplishments

Dr. Rajvanshi's work at NARI reflects a holistic approach to sustainable development, combining renewable energy, agriculture, and animal husbandry to improve rural livelihoods. He also directed the world's largest program for producing ethanol from sweet sorghum, contributing to biofuel research and energy diversification. His efforts align with answering the Frost & Sullivan Institute's Socratic questions on environmental sustainability, offering a roadmap for rural communities to thrive through self-reliance and renewable energy.

Dr. Rajvanshi addresses the question of 'What are the benefits of investing in renewable energy sources such as solar and wind power compared to traditional fossil fuels?' through practical, rural-focused innovations like ethanol stoves and decentralized systems, reducing fossil fuel dependence. Dr. Rajvanshi's approach illustrates how sustainability can be embedded into the operational framework of development-oriented institutions. His work shows that sustainability is not just a compliance requirement but a strategic driver for innovation, resilience, and long-term impact, 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. Anil Rajvanshi for his innovation, implementation, and impact in advancing sustainable energy and agricultural practices. From promoting bio-based fuels to advancing low-emission mobility and decentralized energy systems, Dr. Rajvanshi's contributions offer a replicable model for reducing carbon footprints while enhancing community resilience and self-sufficiency.

Dr. Rajvanshi's approach integrates traditional knowledge with modern technology, creating scalable solutions that address pressing environmental and economic challenges. His initiatives—such as decentralized energy systems, biofuel production, and sustainable farming practices—demonstrate how innovation can drive systemic change. By prioritizing practical, region-specific solutions, Dr. Rajvanshi's efforts align with the Frost & Sullivan Institute's mission to promote sustainable progress, setting a global benchmark for how technology and community collaboration can transform rural economies and contribute to a zero-carbon future.

Conclusion

Dr. Anil Rajvanshi's dedication to sustainable energy and rural development has driven transformative change in underserved communities, offering practical solutions to critical environmental challenges. Through his leadership at NARI, Dr. Rajvanshi has empowered individuals to adopt renewable energy technologies, promote sustainable agriculture, and improve local livelihoods. His innovative work in biofuels, renewable energy, and decentralized systems addresses systemic barriers, paving the way for energy self-sufficiency and environmental sustainability.

The Frost & Sullivan Institute presents the "2025 Frost & Sullivan Institute Visionary Leadership Best Practices Recognition" to Dr. Anil Rajvanshi for his exceptional contributions to advancing renewable energy and sustainable development. Dr. Rajvanshi's pioneering efforts in community-driven solutions and clean energy innovation provide a global model for fostering resilient, equitable, and environmentally responsible communities, driving long-term progress towards a zero-carbon future.



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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