



# Empowering a Responsible Green Future

Building India's first Global Solar Glass  
& Materials Energy Transition Park



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# Building India's Renewable Future

Where innovation meets integrity to drive sustainability.

Helios Stellar is spearheading India's renewable manufacturing revolution by establishing the Helios Stellar Integrated Solar Manufacturing Park, a first-of-its-kind, fully integrated ecosystem for solar glass, BIPV (Building-Integrated Photovoltaics), and solar modules. Located in Adali MIDC, Sindhudurg, the project spans 200 acres and will set new global standards for clean energy innovation and sustainable industrial growth.



## FOUNDING VISION & MISSION

Helios Stellar was founded to strengthen India's renewable energy ecosystem through domestic manufacturing and responsible industrial development, creating a globally competitive platform that supports energy security, climate action, and self-reliance. The vision is realised through integrated solar manufacturing, advanced technologies, and sustainability across the value chain, contributing to clean energy targets, job creation, and long-term economic resilience.



# Transforming Glass Mastery into Clean-Energy Leadership

The journey began in 2009 as a family-owned venture, SACCLASS, driven by a mission to deliver high-performance, multifunctional glass with exceptional service. Over the years, it has grown into a trusted name in processed glass, recognised for its technical mastery, safety standards, and commitment to innovation. With a state-of-the-art manufacturing facility powered partly by solar energy, SAC has established itself as India's first water-positive glass-processing company, a testament to its focus on sustainability, precision, and continuous improvement.

Today, supported by strong operational capabilities, lean practices, zero non-hazardous waste to landfill, and a people-first leadership ethos, SAC stands ready for its next leap, Helios, India's first integrated solar manufacturing park. This evolution marks a shift from producing high-performance glass to shaping a new clean-energy ecosystem, combining proven excellence, responsible manufacturing, and a transformative vision for India's green industrial future.



Built on experience.  
Driven by innovation.  
Designed for India's future.

# The Visionaries Behind Helios

The founding leadership of Helios brings together deep expertise in renewable energy, advanced glass manufacturing, automation, and sustainability. Guided by a long-term vision and a commitment to building enduring institutions, they unite experience, strategic insight, and disciplined execution. Their leadership has shaped Helios and continues to drive its journey towards a sustainable, high impact future.

Together, the leadership team combines entrepreneurial drive with institutional rigour, ensuring strong governance, prudent capital deployment, and alignment with national and global best practices. Their approach emphasises technology-led growth, responsible industrialisation, and stakeholder value creation, enabling Helios to scale sustainably while delivering long-term impact for industry, communities, and India's clean energy ecosystem.

# Promoters and Founding Leadership

## NITIN SINHA

FOUNDER AND MANAGING DIRECTOR

Nitin Sinha brings over 25 years of leadership experience, driving businesses across diverse sectors and combining strategic vision and operational expertise. He has built high-performing teams, scaled ventures across industries, and delivered solutions spanning renewable energy, real estate, glass manufacturing, agro-processing, nutraceuticals, and emerging technologies.

With integrity, collaboration, and long-term thinking at the heart of his approach, Nitin regards business as a force for sustainable value creation. At Helios, he leads enterprise-wide strategy and operations, delivering high-impact, scalable, and resilient outcomes that benefit stakeholders, communities, and the wider environment.



“I enjoy building businesses that last and genuinely create value”

## SANJEEV SHARMA

FOUNDER AND CO - CEO

Sanjeev Sharma brings over 30 years of leadership experience, driving large-scale growth across renewable energy, digital infrastructure, and emerging technologies. He excels at turning high-potential ideas into scalable enterprises, structuring high-value partnerships, and delivering complex projects with long-term impact.

At Helios, he leads enterprise-wide strategy and execution to provide resilient, high-impact, and scalable solutions for industry, communities, and the planet. With innovation, sustainability, and collaborative growth at the core of his approach, Sanjeev ensures strategy is seamlessly translated into execution, fostering a culture of excellence and inspiring teams to achieve ambitious, measurable



“ I care deeply about turning good ideas into strong execution. ”



## ADITYA AGARWAL

FOUNDER AND CO - CEO

Aditya Agarwal brings over 20 years of strategic, innovation-led leadership to Helios. He began his career with Maersk in Copenhagen before choosing an entrepreneurial path driven by purpose and long-term impact. At twenty-five, he founded SACLASS and built it into a respected, high-performing industry brand defined by vision, discipline, and innovation.

“ I'm focused on building world-class, climate-positive manufacturing for India's clean-energy future. ”

At Helios, Aditya leads the manufacturing strategy, driving the development of India's first integrated solar ecosystem. His focus is on building world-class, future-ready manufacturing anchored in advanced technology, operational rigour, and sustainability. A strong advocate for equality, diversity, and climate-positive progress, Aditya is committed to shaping industrial solutions that accelerate India's clean-energy transition.

## VP ROY

### FOUNDER & PRINCIPAL DIRECTOR

VP Roy brings over 30 years of leadership in international trade, export-import businesses, and over 15 years in the natural health supplements, food ingredients, and nutraceutical industries. A strategic thinker and exemplary team leader, he is recognised for building high-performing teams and driving operational excellence across complex ventures.

He is credited as an Indian innovator of Lycopene, a powerful antioxidant with global impact, and further strengthened its legacy by merging his venture with E.I.D Parry. VP Roy continues to combine innovation, entrepreneurship, and strategic insight to create sustainable, high-impact outcomes in health, nutrition, and international business.



“ I've always believed innovation works best with solid execution. ”



## DR RAJBEER SINGH

### FOUNDER AND CTO

Dr R. Singh is a technology-driven founder building a next-generation solar & advanced materials manufacturing platform in India. With over 20 years of global experience across renewable energy, advanced glass, nanotechnology, & industrial R&D, he brings deep expertise in translating frontier research into scalable, bankable manufacturing.

He is leading the development of integrated capabilities across solar glass, BIPV modules, advanced solar panels, and proprietary high-performance coating lines. Holding a PhD with postdoctoral experience in India and the Netherlands, Dr Singh has developed patented technologies deployed commercially across Europe, India, the USA, and Asia. His vision is to localise critical clean-energy technologies while creating globally competitive, export-oriented manufacturing from India.

“ I'm driven by turning advanced technology into real manufacturing. ”

# Advisors & Governance Council

## MR R. C. SINHA IAS (Retd.)

Principal Advisor, Infrastructure & Government Affairs

Ex. Addl Chief Secretary G.O.M. & Ex. Advisor to Hon'ble Minister, MRTB, G.O.I.

R. C. Sinha is a senior government leader with extensive experience in infrastructure development and public policy. He has served as Additional Chief Secretary to the Government of Maharashtra and as Advisor to the Hon'ble Minister, Ministry of Road Transport & Highways, Government of India. He supports strategic engagement with central and state authorities to enable alignment across policy, infrastructure, and large-scale project execution.

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## MR SANJEEV BIHARI IRS (Retd.)

Principal Advisor, Taxation & Regulatory Affairs

Ex Chairman CCE & ST & Chief Commissioner Export & Import JNPT

Sanjeev Bihari brings deep expertise in indirect taxation, customs, and regulatory governance. A 1980-batch IRS officer, he has held senior leadership positions, including Chief Commissioner, Customs (Exports & Imports) at Nhava Sheva, Mumbai, and retired as Principal Chief Commissioner, Central Excise & Customs, Pune. Currently serving as an Independent External Monitor for CAIL and SECL, he advises on compliance, governance frameworks, and risk management across complex industrial operations.

## **MR NAVEEN VERMA IAS (Retd.)**

Principal Advisor, Government & Policy

Ex. Addl Secretary PMO & Ex. Secretary Ministry of DoNER, G.O.I.

Naveen Verma is a seasoned public-sector leader with extensive experience at the highest levels of government. A 1982-batch IAS officer, he has served in key roles, including Additional Secretary in the Prime Minister's Office, Secretary to the Government of India, and Principal Secretary (Industries) in the Government of Bihar. Post-retirement, he served as the Chairman of RERA Bihar. He advises on policy strategy, regulatory navigation, and government engagement to support large-scale industrial and infrastructure initiatives.

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## **MR RAKESH GARG**

Principal Advisor, Finance

Chartered Accountant & Company Secretary

Senior Chartered Accountant and Company Secretary with 33+ years of experience in corporate finance, investment banking, fundraising, M&A, and infrastructure advisory. He has advised and led projects across logistics, power, mining, manufacturing, IT, education, and infrastructure, with transactions exceeding ₹15,000 crore. Founder of Rakesh Garg & Associates and Director at Equicap Asia Management Pvt. Ltd., he specializes in project development, government liaison, and policy advisory across South Asia.

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## **DR VINOD KUMAR SINGHAL**

Principal Advisor, Finance & Legal

Founder of Vinod Singhal & Co. LLP and VSC Group

Mission-focused leader with 34 years of diverse experience across accounting, auditing, statutory compliance, business advisory, and financial and succession planning. He brings deep expertise in taxation, regulatory facilitation, relationship management, and capital and government advisory. Known for his ability to quickly assess and lead complex situations, he has successfully managed turnaround assignments and led sales functions in insurance and risk management, consistently achieving targets. A strong relationship builder and effective communicator, he combines analytical insight with practical problem-solving to deliver sustained value.

## MR ALOK PATHAK

Principal Advisor, Finance

Engineer, Technologist & Former Indian Navy Officer

Alok Pathak is an engineer and technologist with a B.E. and MTech from IIT Bombay, and a former officer of the Indian Navy, where he also served as Directing Staff at the College of Naval Warfare. He is a visiting faculty member at NMIMS and a seasoned entrepreneur with deep expertise in business and technology. Founder of Idha Soft, which he successfully scaled and exited, he has promoted multiple IT and pharma ventures and led 50+ acquisitions and mergers across the US, EU, and the Middle East. He has played a key role in raising capital from leading international private equity funds and has held senior leadership roles at Tata InfoTech and Tata Teleservices. He was appointed Chief Financial Officer of QCO Finance Limited in August 2018.

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## DR MRS. KETAKI BAPAT

Principal Advisor, Science, Technology & Research

Ex. Joint Secretary in the Ministry of Science & Technology

Dr Bapat brings deep national-level experience in scientific research, technology policy, and institutional collaboration. A former Joint Secretary in the Ministry of Science and Technology, Government of India, she has led and overseen large-scale R&D programmes across emerging technologies, including renewable energy and solar. Currently a Senior Consultant at IIT Madras, she supports strategic research partnerships and enables access to end-to-end technical capabilities across India's leading academic and innovation ecosystems.

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## DR PRASHANT V. PATIL

Principal Advisor, Governance

Independent Director TCCIL, Govt. of India, Ex. Independent Director EIL, Govt. of India

Orthopaedic surgeon and Corporate Director with over 20 years of professional experience. He has served as a Non-Official Independent Director on the Board of Engineers India Limited (EIL) and is currently a Director at The Cotton Corporation of India Limited, contributing to corporate governance and strategic oversight. He also serves as a Director at Suyash Medical Foundation Pvt. Ltd. and holds leadership roles across multiple organizations. `

# Global Technology Alliances

We believe collaboration is the key to innovation, sustainability, and lasting growth. By partnering with leading organisations across technology, research, sustainability, and finance, we strengthen our capabilities and accelerate our impact. These strategic partnerships empower us to deliver cutting-edge solutions while building a responsible and sustainable future.

Through these alliances, we foster knowledge exchange, co-development of advanced technologies, and scalable models that address complex global challenges. Each partnership brings distinct strengths and complementary expertise, enabling innovation that is technically robust, economically viable, and socially responsible, creating long-term value for all stakeholders.





# Rads Global

## DELFT, NETHERLANDS



### LEADERS IN ADVANCED GLASS COATING TECHNOLOGIES

Rads Global is a leading provider of advanced glass coating technologies. Its patented multifunctional nano-coatings enhance performance across a wide range of applications, delivering anti-soiling, anti-corrosion, anti-abrasion, anti-reflection (ARC), anti-glare, sodium migration barriers (anti-PID), self-cleaning, anti-biofilm, anti-dripping properties. These technologies enable higher efficiency, durability, and long-term reliability in solar and advanced glass applications.



**Petron  
Scientechn  
Inc. PSI**

**PRINCETON,  
UNITED STATES OF AMERICA**



# Collaboration That Propels Growth

We believe that collaboration is the key to innovation, sustainability, & growth. By partnering with leading organisations across technology, research, sustainability, & finance, we strengthen our capabilities & accelerate our impact. Our strategic partnerships empower us to deliver cutting-edge solutions while building a responsible & sustainable future.



## TECHNOLOGY & BUYERS

Advancing solar manufacturing technology in collaboration with global tech partners & industry buyers for large-scale adoption.



## FINANCE & GREEN CAPITAL

Green Bonds, SIDBI, IFC and ESC-linked funds to support project financing and long term sustainable growth.



## SUSTAINABILITY & ESC

Partnering with CII GreenCo & ESC Ecosystem to build a greener future.



## R&D & ACADEMIA

Collaborating with IIT Madras and NISE for research, development, and innovation.



National Institute of  
Solar Energy



International Finance  
Corporation



Confederation of Indian  
Industry GreenCo



Swelect Energy Systems  
Limited



Small Industries  
Development Bank of India



Sahaj Solar  
Limited



Rads Global



Petron Scientech Inc



Indian Institute of Madras

# A 200-Acre Model for Sustainable Industry

## LOCATION

Adali MIDC, Sindhudurg, Maharashtra

## CORE OPERATIONS

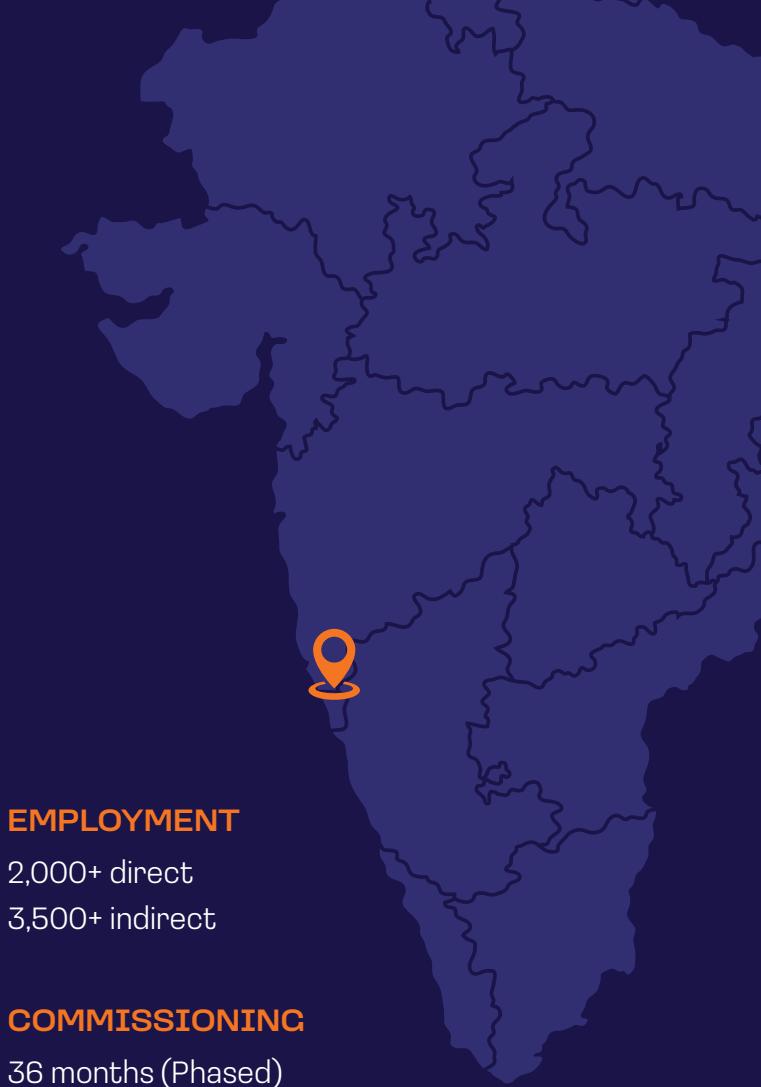
Solar Glass, BIPV, Solar Modules

## CAPACITY

1200 TPD+ Solar Glass (Phased)  
2 GW+ Solar Module, 200 MW+ BIPV

## INVESTMENT

₹4,500 – ₹5,000 crore (phased)



## EMPLOYMENT

2,000+ direct  
3,500+ indirect

## COMMISSIONING

36 months (Phased)

## Designing India's Next - Generation Responsible Ecosystem

Conceived as a next-generation industrial ecosystem, the Helios development at Adali MIDC spans 200 acres and integrates the full value chain for solar glass, building-integrated photovoltaics (BIPV), and solar module manufacturing. With sustainability, efficiency, and future scalability at its core, the project combines advanced manufacturing, infrastructure planning, and environmental responsibility within a single, coordinated campus. Planned for phased execution, Helios targets a capacity of 1200 TPD of solar glass, 2 GW of solar module manufacturing, and 200 MW of BIPV capacity.

Strategically positioned to support India's clean energy transition and set new benchmarks for industrial excellence, the project exemplifies modern, sustainable, and coordinated industrial development. With an estimated investment of ₹4,500-5,000 crore, it is set to generate substantial economic and social impact, creating over 2000+ direct and 3,500+ indirect jobs, with commissioning scheduled over a 36-month phased timeline.

# The Promise of India's Energy Transition

India's clean energy transition presents both a challenge and an opportunity: to rapidly scale domestic manufacturing while ensuring sustainability, innovation, and economic growth go hand in hand. As the world moves toward decarbonization, building a robust, self-reliant solar industry is key to meeting energy security goals and driving long-term industrial competitiveness. Helios Stellar is designed to translate this vision into action by combining advanced technology, skilled talent, and strategic partnerships.

By embedding research, manufacturing, and sustainability into a single framework, the company creates an integrated approach that strengthens India's clean energy capacity while generating measurable social, economic, and environmental impact.



# Driving India's Clean Energy Manufacturing.

## Aligning with National Priorities & Viksit Bharat 2047

Helios Stellar aligns with the national goals of Atmanirbhar Bharat, Make in India, and the National Solar Mission, creating domestic value, reducing import dependence, and strengthening India's position in global renewable supply chains. The company seeks strategic collaboration and subsidy inclusion under allied schemes to accelerate indigenous solar production and drive innovation-led exports.

By partnering with leading research institutions such as IIT Bombay and NISE, and leveraging global technology alliances, Helios Stellar aims to build an ecosystem that integrates advanced R&D, green energy systems, and inclusive economic development, shaping a transparent, self-sustaining, and carbon-neutral future for India.



# The Helios Mandate

The mandate is to build an integrated, policy-aligned solar manufacturing ecosystem that advances India's clean energy transition through domestic value creation, technology-led production, and sustainable industrial development. Nationally significant capacity will be established across solar glass, BIPV, and solar modules, with a focus on regulatory compliance, environmental responsibility, and long-term public value through employment generation, supply-chain localisation, and alignment with India's net-zero objectives.



## STRATEGIC ADVANTAGES



### END-TO-END MANUFACTURING EXPERTISE

Capability – Integrated production of solar glass, BIPV, and high efficiency modules.



### SUSTAINABILITY BY DESIGN

Circular systems, cullet recycling, and renewable, powered operations.



### TECHNOLOGY-DRIVEN INNOVATION

Advanced automation, AI-enabled quality systems, and hybrid oxy fuel furnace technology.



### NATIONAL ALIGNMENT

Supporting Atmanirbhar Bharat, Make in India, and the National Solar Mission.

## KEY MILESTONES

### 01.

Conceptualised India's first integrated solar manufacturing park.

### 02.

Technology collaborations with Fives Stein, Grenzebach, Lisec, Meyer Burger.

### 03.

R&D partnerships with IIT Bombay, NISE, and TERI.

### 04.

Sustainability partnerships with CII GreenCo, Tata Sustainability Group, and IFC Climate.

# Current Footprint

Headquartered in Maharashtra, Helios Stellar operates through a pan-India network of technology partners. The Sindhudurg site has been designated as the flagship manufacturing hub, covering 200 acres and integrating the production of solar glass, BIPV, and modules. The project includes planned expansion for domestic and international solar component markets and incorporates provisions for research, innovation, and technology development finance partners. The Sindhudurg project will serve as its flagship manufacturing hub, with planned expansion into export markets and solar component innovation.



# Powering a Sustainable Viksit Bharat 2047

## Advancing Clean Energy, Climate-Resilient Infrastructure and Inclusive Growth

Helios Stellar aligns closely with India's key national priorities, supporting Atmanirbhar Bharat and Make in India by building an indigenous solar manufacturing ecosystem that reduces dependence on imports. Its carbon-negative operations demonstrate a commitment to climate responsibility and sustainable industrial growth, while driving technological innovation and operational excellence. The company also collaborates with the Maharashtra government on infrastructure development, water stewardship, and skill-building initiatives, ensuring that regional and national priorities are integrated into every aspect of the project.

### SHAPING THE INDIA OF 2047

Viksit Bharat 2047 represents India's ambition to emerge as a prosperous, equitable, technologically advanced, and environmentally resilient nation by the centenary of independence. It calls for bold innovation, self-reliant manufacturing, and inclusive growth. Helios' 200-acre integrated solar manufacturing ecosystem in Sindhudurg embodies these priorities, strengthening energy security, enabling water-responsible industry, advancing climate-positive infrastructure, and supporting next-generation housing and industrial development.



## Driving Growth, Building Viksit Bharat

### 01.

#### **SELF-RELIANT CLEAN ENERGY MANUFACTURING**

Helios is building a fully indigenous ecosystem for solar glass, BIPV, and high-efficiency modules, reducing dependence on imports, strengthening renewable energy security, and enabling reliable, clean power for a developed economy.

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### 02.

#### **WORLD-CLASS TECHNOLOGY & INNOVATION**

In collaboration with IIT Madras, NISE, and global technology leaders, Helios integrates advanced automation, hybrid oxy-fuel furnaces, AI-driven quality systems, and next-generation photovoltaic R&D, positioning India at the forefront of solar innovation.

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### 03.

#### **CARBON-NEGATIVE INDUSTRIAL DEVELOPMENT**

Helios is pioneering Asia's first carbon-negative solar manufacturing cluster, powered by renewable energy, circular manufacturing, 100% cullet recycling, and restored green belts, aligned with India's long-term climate commitments.

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### 04.

#### **INCLUSIVE GROWTH & COMMUNITY PROSPERITY**

With 2,000+ direct jobs, 3,500+ indirect jobs, and community programs impacting 75 villages, Helios demonstrates how industrial progress can uplift communities, strengthen rural economies, and protect local heritage.

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### 05.

#### **CATALYSING REGIONAL AND NATIONAL ECONOMIC GROWTH**

The Helios ecosystem contributes over ₹7,000 crores annually to the local economy, anchors a new green-industry hub in Sindhudurg, and strengthens India's position in global renewable supply chains.

# Zones of Innovation & Impact



Spanning 200 acres, our carbon-negative manufacturing ecosystem integrates technology, people, and planet into a single, high-performance environment. Designed to drive industrial innovation while minimizing environmental impact, the campus demonstrates how large-scale manufacturing can coexist with sustainability and community development.

Each zone of the ecosystem serves a distinct purpose—from high-clarity solar glass production and advanced BIPV manufacturing to next-generation R&D and renewable energy generation—creating a seamless network where research, production, and social impact converge. Together, these zones transform the way industry interacts with its environment, setting a benchmark for sustainable industrial development in India.

# Seven Carbon - Negative Zones

A 200-acre industrial ecosystem where advanced technology, renewable energy, and community development come together to redefine sustainable manufacturing.



## Solar Glass Complex

High-clarity, low-iron solar glass production

## BIPV Manufacturing Zone

Aesthetic & structural solar integration for buildings

## Solar Module Assembly Zone

2 GW high-efficiency module production

## R&D and Innovation Hub

Next-generation solar research

## Renewable Power & Utilities

100% renewable energy generation & supply

## Employee & Administrative Zone

Inclusive regional development

## Green Belt & Biodiversity Zone

Ecological restoration & carbon capture

Building India's first

# Carbon-negative Manufacturing Ecosystem,

where innovation, industry, and community grow together.



Helios Stellar is built on a singular objective to create India's first carbon-negative manufacturing ecosystem, a self-contained 200-acre industrial environment where clean energy, technology, and community development converge. Each zone within the park has been purposefully designed to encompass high-clarity solar glass production and advanced module assembly, renewable energy generation, research, community upliftment, and biodiversity preservation.

Together, these interconnected zones form a seamless, future-ready system that drives efficient production, supports regional employment, and fosters inclusive and sustainable economic growth. The park not only accelerates India's clean energy ambitions but also sets a new benchmark for responsible, community-rooted industrial development.

## INNOVATION AND SUSTAINABILITY

This vision is anchored in five core pillars: 100% renewable energy, zero-waste manufacturing, circular systems, ESC and green certifications (LEED/ICBC Platinum), and transparent SDC-aligned reporting. Every industrial process from next-generation photovoltaic R&D and closed-loop recycling to waste heat recovery and water-positive operations is engineered for long-term sustainability and carbon-negative performance.

Powered entirely by renewable energy, the park demonstrates how industry, environment, and human well-being can thrive symbiotically. This holistic model positions Helios Stellar not merely as a manufacturing hub but as a benchmark for green industrial transformation and a defining force in India's clean energy future.

# Sustainability & Carbon-Negative Roadmap (5-Year Plan)

Turning clean intent into a measurable impact.

Helios Stellar's sustainability roadmap is built on measurable action and continuous innovation. Over five years, it transforms environmental intent into operational practice, progressing from detailed carbon mapping to complete renewable integration, circular manufacturing, and verified carbon neutrality. By Year 5, Helios aims to become India's first certified carbon-negative solar manufacturing ecosystem, setting a new benchmark for responsible, high-impact industrial growth aligned with global climate goals.

YEAR	FOCUS	KEY ACTIONS
Year 1-2	Baseline Mapping & LCA	Conduct detailed Life Cycle Assessments, perform energy and process audits, map Scope 1–3 emissions, and deploy IoT-based systems to monitor environmental parameters continuously.
Year 2-3	Renewable Energy Integration	Commission a 25 MW solar and 10 MW wind hybrid plant, integrate battery and thermal storage, electrify auxiliary processes, and implement an AI-driven smart grid for efficient power management.
Year 3-4	Circular Manufacturing	Achieve 100% cullet recycling, implement waste heat recovery systems, transition to Zero Liquid Discharge water management, and adopt a digital twin for predictive sustainability improvements.
Year 4-5	Carbon Sequestration & Offsets	Expand 200-acre plantations, restore regional mangrove ecosystems, develop biochar-based soil carbon projects, and implement community-led carbon offset programs.
By year 5	Certified Carbon Negative Status	Attain third-party carbon-negative verification under ISO 14064, PAS 2060, and UNFCCC VER certification standards.



# Building Culture, Capability, and Community

## Talent, Community, and Inclusive Growth

At Helios Stellar, people are at the heart of progress. Inspired by the timeless ethos of Tata Steel's Jamshedpur, we are building an employee-first culture where people, purpose, and progress move together. Our workplace is envisioned as a vibrant, self-sustaining community that nurtures well-being, learning, and belonging.

### EMPLOYEE-FIRST TOWNSHIP & CSR IMPACT

Designed as a modern, inclusive environment, the Helios residential township and workplace ecosystem prioritises comfort, learning, and wellness. The green campus integrates safe and sustainable housing, a healthy food system through a solar-powered cafeteria, and expansive recreation and wellness spaces, including gyms, sports facilities, and quiet zones. A dedicated Learning & Skill Academy enables continuous upskilling in solar technology, manufacturing excellence, and leadership, while scholarships for employees' children promote long-term educational advancement. Together, these initiatives create a culture where innovation thrives because people do.

# Community Development Framework

Helios Stellar believes that actual progress extends beyond factory walls. Our community initiatives are designed to foster education, health, and livelihoods while preserving the cultural and ecological fabric of Sindhudurg. Each program is rooted in long-term partnership, empowering local talent, supporting women-led enterprises, and ensuring that growth is both inclusive and sustainable.

# Empowering communities, enriching lives, sustaining futures



## BUILDING A LEGACY OF RESPONSIBILITY

Helios Stellar commits 2% of annual profits to CSR, backed by an initial corpus of ₹25 crore to ensure measurable, high-impact outcomes.

Through these investments, we aim to transform Sindhudurg - Adali into a model of inclusive industrial growth where employees flourish, communities prosper, and culture and nature thrive alongside progress.

# Driving Sustainable Industrial Growth

Our approach combines cutting-edge technology, sustainable practices, and strategic partnerships to redefine industrial growth. By integrating efficiency, resource optimization, and responsible production methods, we create a blueprint for industries that not only thrive economically but also contribute positively to society and the environment.

Beyond production metrics, we focus on empowering local communities and fostering inclusive growth. From creating meaningful employment opportunities to reducing environmental impact, every initiative is designed to deliver tangible benefits across the economy, society, and the planet. This holistic vision ensures that industrial progress aligns with long-term sustainability goals.



# Setting New Benchmarks in Industrial Transformation

By Year 5, our integrated approach to industry, sustainability, and community development will generate measurable economic, environmental, and social outcomes.



## EMPLOYMENT

2,000+ direct and 3,500+ indirect jobs, with priority given to local youth and women.



## CARBON FOOTPRINT

Net reduction of 50,000 tCO<sub>2</sub>e per year, moving toward certified carbon-negative status by Year 5.



## OUTPUT

1000 TPD of solar glass and 2 GW of solar modules, strengthening India's clean energy manufacturing capacity.



## COMMUNITY REACH

75 villages (100,000 residents), through education, healthcare, livelihood, and environmental programs.



## LOCAL GDP IMPACT

₹7,000 crore annually to the local CDP, catalysing Sindhudurg's transformation into a green industrial hub.

# Investing in India's Clean Industrial Future

Sindhudurg-Adali presents a rare and transformative investment opportunity - one that blends advanced technology, deep sustainability, and inclusive development to create India's first carbon-negative industrial cluster. Designed as a fully integrated renewable energy manufacturing hub, Helios Stellar aligns directly with India's 500 GW renewable energy target for 2030, closing critical supply-chain gaps and enhancing national energy security.

With strong policy alignment, global technology partnerships, and a Tata-inspired model of community development, Helios Stellar sets a new benchmark for responsible industrialisation, where progress powers both people and the planet.



**A TRANSFORMATIVE INVESTMENT BLENDING TECHNOLOGY, SUSTAINABILITY, AND SOCIAL INCLUSION.**

## STRATEGIC OPPORTUNITY

An integrated renewable manufacturing cluster that strengthens domestic solar capacity and reduces import dependence, fully aligned with India's 2030 clean energy targets.

## TECHNOLOGY LEADERSHIP

Hybrid oxy-fuel furnaces, intelligent automation, AI-led quality systems, and digital twin integration for predictive efficiency and long-term competitiveness.

## SUSTAINABILITY EDGE

Asia's first carbon-negative solar manufacturing ecosystem powered by renewable energy, circular systems, and verified carbon credits.

## SOCIAL COMMITMENT

A Tata-inspired township and CSR model designed to uplift local communities through education, healthcare, livelihoods, and cultural preservation.

## HIGH ROI

Access to PLI schemes, green financing, carbon credit monetisation, and strong export opportunities across Asia, the Middle East, and Europe.

# The Future is Clear, and It's Green.

## An Industrial Vision for India's Next 100 Years

Helios Stellar stands at the intersection of innovation and responsibility, redefining how industries grow, communities thrive, and the planet heals. Together, we are shaping India's clean industrial revolution, a transparent, transformative, and timeless one. By combining Indian ingenuity with global best practices, Helios Stellar sets a benchmark for sustainable manufacturing worldwide.

**200** Acres

INTEGRATED CLEAN MANUFACTURING

**2000+** Jobs

INTEGRATED CLEAN MANUFACTURING

**₹7,000** cr/year

INTEGRATED CLEAN MANUFACTURING

**50,000** tCO<sub>2</sub>e

INTEGRATED CLEAN MANUFACTURING

# India's First Carbon-Negative Solar Manufacturing Ecosystem

Every project Helios Stellar undertakes is a step toward a future where sustainability and progress coexist. By integrating cutting-edge technology with eco-conscious practices, the company delivers solutions that empower local communities, inspire industries & set new global benchmarks in renewable energy and advanced materials innovation. Its integrated approach combines carbon negative manufacturing, renewable energy generation & circular resource management, demonstrating how industrial growth can align with environmental stewardship & long-term societal benefit.

By 2030, Helios Stellar is expected to create over 2,000+ direct jobs and 3,500+ indirect jobs, contribute ₹7,000 crore annually to the regional economy, and achieve a net reduction of 50,000 tCO<sub>2</sub>e per year, strengthening India's domestic renewable manufacturing base and positioning the nation as a global leader in responsible, future-ready industrialisation. Through inclusive growth, skill development, and community-focused initiatives, Helios ensures that industrial progress uplifts people as much as it advances technology. As India approaches its centenary, Helios Stellar exemplifies a visionary industrial ecosystem that will power a self-reliant, climate resilient, and technologically advanced nation by turning ambition into action, vision into lasting reality, and inviting partners, innovators & stakeholders to join in building India's next century of sustainable industry.





**Helios Stellar Pvt. Ltd.**

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