

MALAYSIA SMART MANUFACTURING AWARDS 2027

Transform Today,
Lead Tomorrow

MSMA NOMINATION KIT



Endorsed by:



Organised by:



BIZSPHERE®
Brand & Marketing Group

SMART4WARD

www.msma.com.my



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ABOUT MSMA 2027



The Malaysia Smart Manufacturing Awards (MSMA) continues to set the benchmark as the premier recognition of excellence in Malaysia's smart manufacturing landscape. Building on the success of the inaugural MSMA 2023 and MSMA 2025, this 3rd edition honors the relentless pursuit of innovation, resilience, and intelligent transformation in the manufacturing sector.

As the industry moves forward, MSMA celebrates organizations that not only embrace Industry 4.0 technologies but also demonstrate sustainable growth, operational resilience, and a future-ready mindset. By adopting advanced automation, artificial intelligence, and data-driven processes, these trailblazers are reshaping the future of manufacturing in Malaysia.

MSMA aims to further inspire the sector by showcasing exceptional achievements in smart factory transformation, where intelligence meets endurance, and innovation leads to resilient, future-proof solutions. This year's awards spotlight the role of resilient manufacturing ecosystems, intelligent automation, and the ability to thrive in a rapidly evolving digital era.

We continue to recognize and reward organizations that have demonstrated leadership in embracing smart technologies and innovative practices, leading the charge toward a more digitally integrated, efficient, and intelligent future for Malaysia's manufacturing industry.

Transform Today, Lead Tomorrow

"Transform Today" reflects the commitment of manufacturers to embrace digital transformation, smart technologies, and continuous innovation to enhance productivity, competitiveness, and operational excellence. It highlights the importance of taking decisive action today to accelerate the adoption of smart manufacturing and drive meaningful business transformation.

"Lead Tomorrow" emphasises the vision of building future-ready manufacturers that lead with innovation, resilience, and sustainable growth. It recognizes organisations that are leading the transformation of Malaysia's manufacturing industry, setting new benchmarks for innovation, inspiring others to follow, and shaping a smarter, more competitive future.



ORGANISERS

The Malaysia Smart Manufacturing Awards is proudly organized by MIDF, BIZSPHERE, and SMART4WRD. This prestigious award, which recognizes organizations' commitment to driving advancements in smart manufacturing, is endorsed by the Ministry of Investment, Trade, and Industry of Malaysia (MITI). Together, these organizers and the ministry aim to foster innovation, promote collaboration, and accelerate the adoption of Industry 4.0 technologies to position Malaysia as a global leader in smart manufacturing.



Malaysian Industrial Development Finance Berhad

Founded in 1960, MIDF was created to accelerate Malaysia's industrialisation. From early factory floors to today's smart production lines, we've stood beside Malaysian makers as they modernised, exported, and moved up the value chain. The brief has stayed the same: finance the real economy and help ideas become industry.

MIDF, part of MBSB Group

In 2023, MIDF joined MBSB Group, forming a universal Islamic banking franchise that brings development finance, commercial banking, capital markets, and asset management under one roof. In 2025, the investment bank within the Group unified under a single brand, strengthening a seamless path from shop floor to trading floor.

What We Do Now

We design financing and advisory that unlock productivity, resilience, and scale. Manufacturers come to us to automate, digitise, strengthen halal readiness, deepen supply-chain capabilities, and prepare for regional and global markets. Our clients span precision engineering, electrical and electronics, automotive and mobility, food and beverage, medical devices, aerospace, machinery, textiles and consumer goods, energy efficiency and renewable, logistics, and manufacturing-related services. When firms are ready to raise capital or consolidate, our investment-banking platform extends the journey from factory to listing, across industries.

www.midf.com.my

ORGANISERS



Bizsphere Brand & Marketing Group

BIZSPHERE SDN BHD is a reputable business consultancy firm specializing in Strategic Marketing, Business Ecosystem Programmes, Smart Manufacturing Transformation, and Training. With deep insights into the evolving needs of SMEs and the manufacturing sector, BIZSPHERE plays a pivotal role in driving business transformation and competitiveness for both local and international markets.

The firm focuses on promoting business excellence through SME capability and capacity building, brand development, and digital transformation. Leveraging its extensive network across industry players, government agencies, and technology partners, BIZSPHERE connects and empowers businesses to unlock their full potential from strengthening operational efficiency and market presence to advancing Smart Manufacturing and Energy Efficiency initiatives.

www.bizsphere.com.my



Smart4wrld

SMART4WRD Ecosystem, initiated by BIZSPHERE, connects Malaysia's smart manufacturing ecosystem through collaborative efforts. This platform unites manufacturers, technology providers, financial institutions, talent centers, business services, and government agencies to accelerate smart manufacturing journey through automation, advanced technology, and ESG practices.

Since its inception in late 2021, SMART4WRD has fostered collaboration through various activities, including online forums, Industry 4.0 surveys, seminars, trade and factory visits, awards, and engagement with government stakeholders.

www.smart4wrld.my



SPONSORS & STRATEGIC PARTNERS

Endorsed by:



**MINISTRY OF
INVESTMENT, TRADE AND INDUSTRY**

Organised by:



Gold Sponsors:



Silver Sponsor:



SHRDC



Bronze Sponsor:



Strategic Partners:



FUNDAMENTAL VALUES

Recognizing Organizational Commitment

The Malaysia Smart Manufacturing Awards acknowledges organizations that have demonstrated a strong commitment to embracing smart manufacturing practices. It honors those who have implemented innovative solutions, leveraged cutting-edge technologies, and redefined manufacturing processes to stay ahead in today's competitive landscape. By recognizing and showcasing their achievements, the award inspires others to follow suit and fosters a culture of continuous improvement within the industry.

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Connecting Business Ecosystems

The Malaysia Smart Manufacturing Awards serves as a platform to bring together and connect members of the business ecosystem. It provides an opportunity for manufacturers, technology providers, industry experts, government agencies, and other stakeholders to network, collaborate, and share knowledge. Through this collaborative approach, the award fosters synergies, promotes best practices, and drives collective growth in the smart manufacturing arena.

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Private-Public Partnership Initiatives

The Malaysia Smart Manufacturing Awards is a shining example of successful private-public partnership initiatives. It is jointly organized by MIDF, Bizsphere, and Smart4wrd, with the endorsement of the Ministry of Investment, Trade and Industry (MITI). This partnership showcases the collective effort and shared vision of government and industry players in promoting smart manufacturing and positioning Malaysia as a leader in this transformative era.





OBJECTIVES

Establish Malaysia as a Smart Manufacturing Hub

The Malaysia Smart Manufacturing Awards aims to position Malaysia as a hub for smart manufacturing excellence. By highlighting the achievements and advancements in the local manufacturing industry, the award showcases Malaysia's capabilities and attracts international attention. This, in turn, helps attract investment, collaboration, and partnerships with global players, further strengthening Malaysia's position as a leader in smart manufacturing.

Promote Collaboration and Knowledge Sharing

The Malaysia Smart Manufacturing Awards serves as a platform for promoting collaboration and knowledge sharing among industry players. By showcasing successful case studies and best practices, the award encourages organizations to learn from one another, exchange ideas, and collaborate on projects that advance smart manufacturing initiatives.

Drive Economic Growth and Competitiveness

The Malaysia Smart Manufacturing Awards plays a crucial role in driving economic growth and enhancing the competitiveness of Malaysia's manufacturing sector. By recognizing organizations that have embraced smart manufacturing technologies, the award highlights the importance of digital transformation in staying competitive on a global scale. This, in turn, contributes to the growth of the industry and the overall economy.

Attract Investments and Talent

The Malaysia Smart Manufacturing Awards enhances the visibility of participating organizations and positions them as leaders in the smart manufacturing arena. This recognition can attract both local and foreign investments, as well as top talent, seeking to join companies at the forefront of innovation and technological advancement.

Facilitate Manufacturers to Become Smart Factories

The Malaysia Smart Manufacturing Awards aims to empower manufacturers in transforming into smart factories by adopting advanced technologies, automation, innovative practices, and data-driven solutions, enabling them to thrive in an increasingly competitive global landscape. By recognizing organizations that successfully integrate these elements, the awards drive progress in operational efficiency and inspire others to embrace Industry 4.0, advancing Malaysia's manufacturing sector on the global stage.



AWARD TIMELINE

1

Submission of Entries

October 2026 till 19th February 2027, 11:59pm

2

MSMA Roadshow & Online Submission Clinics

October 2026 till January 2027

3

Judging of Entries

February till June 2027

4

Closed Door Winners Announcement

July 2027

5

Award Presentation

September 2027

AWARD CATEGORIES

The Malaysia Smart Manufacturing Awards 2027 recognizes companies across various categories that have excelled in implementing smart manufacturing practices. The award categories include:

SMART SME

This category is dedicated to recognizing small and medium-sized enterprises (SME) that have successfully embarked on smart manufacturing initiatives, demonstrating significant improvements in operational efficiency, productivity, and business excellence. SME are the backbone of Malaysia's economy, and their digital transformation is a key driver for positioning the country as a regional advanced manufacturing hub.

Sub-Categories:

- Category 1: Annual Revenue Below RM 15 million
- Category 2: Annual Revenue Between RM 15 million and RM 50 million

SMART Mid-Tier

This category is open to Mid-Tier Companies (MTCs) in Malaysia, which contribute approximately 36% of the nation's GDP while comprising only 0.8% of registered businesses. Known for their export-driven focus, MTCs are critical players in advancing Malaysia's global trade position. Their adoption of smart manufacturing technologies not only sets a benchmark for SMEs but also enhances their capability to supply complex and innovative products to the world.

Sub-Categories:

- Category 1: Annual Revenue Between RM 50 million and RM 100 million
- Category 2: Annual Revenue Between RM 100 million and RM 500 million

SMART Corporation

This category celebrates corporations with annual revenues exceeding RM 500 million. These industry giants are recognized as leaders in innovation, with extensive resources and market reach to shape the future of advanced manufacturing. Their strategic investments in smart technologies position them as competitive forces in the global manufacturing landscape.

Sub-Categories:

- Category 1: Non-Listed Companies
- Category 2: Listed Companies or Their Subsidiaries

AWARD CATEGORIES

Special Award

Data Driven Sustainability Excellence

This award celebrates organizations that leverage data analytics as a core enabler to drive sustainable smart manufacturing practices. In today's competitive and environmentally conscious landscape, Environmental, Social, and Governance (ESG) initiatives are no longer optional but imperative for long-term success. Data-driven manufacturing empowers businesses to monitor processes, drive continuous improvements, and foster innovation with a measurable impact on sustainability. This category rewards companies that have successfully implemented ESG initiatives with data-backed evidence of progress and transformation.

People Excellence

This award recognizes outstanding workforce engagement, leadership, and skills development in advancing smart manufacturing initiatives. Achieving smart manufacturing transformation requires a dynamic team that embodies clear vision, effective planning, and collaborative execution. This award highlights organizations that prioritize their people as a critical asset for successful innovation and operational growth.

Technology Excellence

This award celebrates outstanding local technology and solutions providers that deliver innovative, practical, cost-effective, and impactful solutions, enabling manufacturers to achieve higher productivity, operational efficiency, and sustainable growth through the adoption of Industry 4.0 technologies. Recognizing that technological innovation is the driving force behind smart manufacturing transformation, this award highlights providers whose solutions significantly address critical manufacturing challenges and enhance operational performance.

Beyond improving domestic manufacturing capabilities, this award also reflects Malaysia's ambition to develop a globally competitive smart manufacturing ecosystem. It emphasizes the importance of high local content technology solutions that are ready to be exported and serve international markets, contributing to Malaysia's position as a global technology and innovation hub.

ENTRY REQUIREMENTS

SMART SME

- The corporations must be incorporated in Malaysia in accordance with the Companies Act, 2016.
- More than 50.0% of the shares of the company are owned by Malaysians.
- The corporations must have been in business operations for at least three (3) years. Proof of this requirement should be provided through audited financial statements for the past three consecutive years and latest management accounts.
- Category 1: This category is open to corporations with an annual revenue of below RM 15 million.
- Category 2: This category is open to corporations with an annual revenue between RM 15 million and RM 50 million.

SMART MID-TIER

- The corporations must be incorporated in Malaysia in accordance with the Companies Act, 2016.
- More than 50.0% of the shares of the company are owned by Malaysians.
- The corporations must have been in business operations for at least three (3) years. Proof of this requirement should be provided through audited financial statements for the past three consecutive years and latest management accounts.
- Category 1: This category is open to corporations with an annual revenue of RM 50 million and RM 100 million.
- Category 2: This category is open to corporations with an annual revenue between RM 100 million and RM 500 million

SMART CORPORATION

- The corporations must be incorporated in Malaysia in accordance with the Companies Act, 2016.
- More than 50.0% of the shares of the company are owned by Malaysians.
- The corporations must have been in business operations for at least three (3) years. Proof of this requirement should be provided through audited financial statements for the past three consecutive years and latest management accounts.

This category is open to corporations with an annual revenue of more than RM500 million.

- Category 1: This category is open to non-listed companies.
- Category 2: This category is open to listed companies or their subsidiaries.

ENTRY REQUIREMENTS

SPECIAL AWARDS: DATA DRIVEN SUSTAINABILITY EXCELLENCE

- The corporations must be incorporated in Malaysia in accordance with the Companies Act, 2016.
- More than 50.0% of the shares of the company are owned by Malaysians.
- The corporations must have been in business operations for at least three (3) years. Proof of this requirement should be provided through audited financial statements for the past three consecutive years and latest management accounts.

SPECIAL AWARDS: PEOPLE EXCELLENCE

- The corporations must be incorporated in Malaysia in accordance with the Companies Act, 2016.
- More than 50.0% of the shares of the company are owned by Malaysians.
- The corporations must have been in business operations for at least three (3) years. Proof of this requirement should be provided through audited financial statements for the past three consecutive years and latest management accounts.

SPECIAL AWARDS: TECHNOLOGY EXCELLENCE

- The corporations must be incorporated in Malaysia in accordance with the Companies Act, 2016.
- More than 50.0% of the shares of the company are owned by Malaysians.
- The corporations must have been in business operations for at least three (3) years. Proof of this requirement should be provided through audited financial statements for the past three consecutive years and latest management accounts.
- This category is open to corporations with an annual revenue of less than RM 200 million.
- Only non-public listed companies are eligible to apply, and subsidiaries of public listed companies are not eligible.
- Corporations must have completed at least 5 (five) smart manufacturing projects. Smart manufacturing projects refer to the adoption of any of the 11 Industry 4.0 technology pillars, namely Big Data Analytics, Autonomous Robots, Cloud Computing, Internet of Things (IoT), Additive Manufacturing (3D Printing), System Integration, Cybersecurity, Augmented Reality, Simulation, Advanced Materials, and Artificial Intelligence.
- Corporations must submit at least 3 (three) case studies showcasing measurable improvements achieved for their clients.

JUDGING CRITERIA

Category: SMART SME, SMART Mid-Tier & SMART Corporation



Performance of Adoption

Evaluation of how the adoption of Industry 4.0 technology has improved operational efficiency, increased productivity, reduced waste, and contributed to the overall growth of the business. This criterion focuses on tangible outcomes achieved through the implementation of smart manufacturing practices.



Level of Company-wide Involvement

Review of the level of involvement by all levels within the company, assessing whether it has taken into account the elements of people, process, technology, and financial aspects. This criterion emphasizes the holistic approach to adopting smart manufacturing practices throughout the organization.



Adoption of Industry 4.0 as Business Strategy and Sustainability

Assessment of the company's ability to leverage smart manufacturing as a strategy to innovate, compete, and become a leader in the global value chain. This criterion considers the long-term sustainability of the business through the integration of smart manufacturing practices into the overall business strategy.

JUDGING CRITERIA

Category: Data Driven Sustainability Excellence



Data Utilization for Sustainability

- Use of data analytics to reduce waste, energy, or resource consumption.
- Integration of IoT, AI, or other digital tools for real-time monitoring and decision making.



Sustainable Product Design & Lifecycle Management

- Use of data to optimize product design for sustainability.
- Monitoring and extending the product lifecycle using smart technologies.
- Evidence of reduced environmental impact through data-driven strategies.



Environmental Impact Metrics

- Measurement and tracking of carbon footprint, energy efficiency, or waste reduction.
- Use of data to set and achieve measurable environmental goals.



Collaboration and Ecosystem Integration

- Use of data to improve supply chain sustainability.
- Collaboration with partners to achieve shared sustainability objectives.
- Case studies highlighting the role of data in sustainable innovation.



Outcomes and Scalability

- Tangible results in sustainability metrics
- Scalability and replicability of the data-driven initiatives.
- Testimonials or case studies demonstrating success.

JUDGING CRITERIA

Category: People Excellence



Workforce Development and Training

- Structured upskilling/reskilling programs aligned with smart manufacturing.
- Digital platforms (e-learning, AR/VR, simulators) for training.



Employee Engagement & Inclusion

- Initiatives to foster employee involvement in smart manufacturing practices.
- Programs that encourage staff to involve or co-develop smart solutions.
- Use of feedback mechanisms to improve support for digital transformation.



Leadership in Change Management

- Leadership's role and initiatives in driving smart manufacturing.
- Strategies to manage resistance to change and promote innovation.
- Structured change management processes (eg. ADKAR, Kotter)

Category: Technology Excellence



Impact on Manufacturers and Industry

- Results & Impact on Manufacturers
- Implementation & Practical Use
- Operational & Business Pain Points Addressed
- Project Case Studies



Innovation & Differentiation

- Explain how the technology is innovative and distinctive from competitors
- Highlight any local R&D efforts or proprietary methods developed in Malaysia
- Specify any local patents, licenses, or intellectual property



Alignment with National & Ecosystem Goals

- Workforce Development & Training
- Sustainability & ESG Alignment
- Local Content & Ecosystem Contribution
- Market Potential & Export Readiness
- Commitment to National Ecosystem



JUDGING PROCESS

Phase

01

First-Level Review:

All applications received will go through a rigorous first-level review process. This review will be based on weighted marks assigned to pre-determined criteria, aiming to identify the best performance entries.

Phase

02

Finalists Selection:

After the first-level review, the shortlisted entries will be selected as finalists for the award. These finalists will then be invited to present their smart manufacturing projects before a panel of judges. The presentations can be conducted virtually or in a physical setting, depending on the circumstances and preferences.

Phase

03

Judging by Panel of Judges:

The panel of judges, composed of industry experts and professionals, will evaluate the presentations and assess the finalists based on predetermined criteria. The judges will thoroughly review and validate each finalist's smart manufacturing projects, including their impact on operational efficiency, productivity, innovation, sustainability, and overall performance.

Phase

04

Decision and Naming of Winners:

The naming of the winners will be based on the final decision made by the panel of judges. Their decision is considered final and authoritative. The judges will carefully consider all the presentations, deliberating on the merits of each finalist's smart manufacturing initiatives and their alignment with the award criteria. The winners will be announced and recognized for their outstanding achievements and contributions during the Award Presentation Ceremony.

HOW TO PARTICIPATE

Step

01

Open an Online Nomination Account

- Visit www.msma.com.my.
- Register a MSMA Online Nomination Account by filling in the Company and Contact Person Details.

Step

02

Select Your Award Categories

- Once you select the award categories, you will need to answer questions in the respective categories.
- Kindly note that one company can apply for multiple categories

Step

03

Submit Required Supporting Documents

- Nominees submit documents to support their answers given and related duly filled templates.

Step

04

Make Payment for Processing Fees

- Pay processing fee and email a copy of your receipt to msma@bizsphere.com.my
- Please note that award entries will only be processed upon confirmation of receipt of the full processing fee.
- Non-refundable Nomination Fees for each Award Category is RM 2,000.00.
- If there is more than 1 nomination, payment of nomination fees must be separated.
- Payment of Nomination Fees is only via Online Transfer or Cash Deposit, payable to BIZSPHERE SDN BHD Bank details:

Account Name : BIZSPHERE SDN BHD

Account Number : 056 0033 7673

Bank Name : Hong Leong Bank

HOW TO PARTICIPATE

General Guide and Check List



Declaration Form: Download and must be signed with the company stamp.



Latest Three Years' Audited Financial Statements.



Latest Annual Return.



SSM E-info Profile.



Nomination Fees Payment Slip



Smart Manufacturing Project (PDF/Power Point)



Option To Attach X 1 Relevant Supporting Video



Option To Attach X 3 Relevant Supporting Docs

FREQUENTLY ASKED QUESTIONS

A. Eligibility

Q Who can participate in MSMA 2027?

A MSMA 2027 is open to all manufacturing companies in Malaysia, including SMEs, Mid-Tier, and Large Corporations, that have implemented smart manufacturing projects.

Q Can 1 company apply for more than 1 award categories in MSMA 2027?

A Yes. One company can apply for more than 1 category. Yet, participation in each of the categories will incur processing fees separately.

Q Can MSMA 2023 and 2025 past winners participate in MSMA 2027 again?

A Yes, past winners of MSMA 2023 and 2025 are welcome to participate in MSMA 2027. However, they must submit a different project from the one awarded in both MSMA. This ensures that the awards continue to recognize new innovations, improvements, or initiatives within smart manufacturing.

B. Award Winners

Q How many winners are there for each award category?

A MSMA 2027 is open to all manufacturing companies in Malaysia, including SMEs, Mid-Tier, and Large Corporations, that have implemented smart manufacturing projects.

SMART SME	SMART Mid-Tier	SMART Corporation
3 winners x Category 1 3 winners x Category 2	3 Winners x Category 1 3 Winners x Category 2	Target number of winners: 10 (by Invitation & no ranking)
Special Awards		
Data Driven Sustainability Excellence	People Excellence	Technology Excellence
3 Winners	3 Winners	10 Winners

Organizers of the MSMA 2027 reserves rights to add on or reduce the number of winners if deemed fit.

Q Is there a chance of being awarded more than one Awards?

A Yes.

FREQUENTLY ASKED QUESTIONS

Q What will the winners get?

A Winners will receive MSMA Award Trophy and a Certificate of Achievement. In addition, winners will be rewarded with exclusive benefits offered by sponsors that will be announced during the closed-door winner's announcement event.

C. Submission of Nomination

Q Can we submit a physical application for the award nomination?

A No. All submissions must be done online via MSMA website, www.msma.com.my.

Q What will be the best way to get clarification on the nomination form and expectation of submission information?

A For any inquiries, please contact us at msma@bizsphere.com.my or reach out via WhatsApp support at 019-6381006 (Monday - Friday, 9 AM - 6 PM, WhatsApp only).

Additionally, starting from Oct 2026, we will be organizing the MSMA 2027 Online Submission Clinic at least once every two weeks to provide briefings and clarifications on the nomination process. Interested participants are encouraged to register an account with MSMA, as registered nominees will receive exclusive invitations to these clinics.

Q Will the nomination be based on particular process improvement or company overall adoption?

A Nomination can be for both specific process improvement or companywide projects. Yet, nominees is encouraged to scope it as a project with specific objectives, deliverables and performance.

Q What if our online nomination is not complete?

A Organisers of MSMA 2027 reserve the right to reject the nomination without a refund of processing fee. Nominees are encouraged to review completeness of submission before submission

FREQUENTLY ASKED QUESTIONS

Q What happens after online nominations have been made?

A Organisers will compile and summarize your nomination ready for review by a panel of judges. Organisers may contact you for further information, documentation, or clarification when required.

Q Is there a nomination fee?

A Yes, a nomination fee of RM2,160 inclusive of 8% SST per submission applies.

D. Judging

Q What will be the core judging criteria?

A MSMA 2027 judging process is based on three fundamental criteria:

- Performance of Adoption
- Level of Company-Wide Adoption
- Adoption of Industry 4.0 as Business Strategy and Sustainability

These form the core evaluation framework. However, specific judging considerations may vary by category, so please refer to the respective award categories for more details.

Q Who will be the panel of judges?

A Member of judges will be appointed by Organisers. They will be the captains of the industries, technical experts, with representatives from government agencies.

E. Relevance and Benefits to participate in MSMA 2027

Q What is the profile of companies which are most relevant to participate in MSMA 2027?

A

- Adopted any/combination of Industry 4.0 Technology Pillars and contributing to company growth in every aspect.
- SMEs which are part of the supply chain of Local Large Companies, MNCs or presently exporting. Winning the award will enhance the company's image/branding, showcasing its capability and competitiveness in the manufacturing sector.
- Companies who wanted to benchmark their smart manufacturing initiatives for continuous improvement.
- Companies who wanted to motivate their team members in the journey of digital transformation.

CONTACT US

**For more information, please drop us a message
and we will get back to you as soon as possible.**

Bizsphere Sdn. Bhd. (860222-P)

msma@bizsphere.com.my

019 - 6381 006 (WhatsApp Support, 9am-6pm)

41-3, 3rd Floor, Block C2,

Jalan PJU 1/39, Dataran Prima,

47301 Petaling Jaya, Selangor, Malaysia.

APPENDICES

GENERAL GUIDE

Award Category: Smart SME, Mid-Tier, Corporation

Format	Presentation Slides Saved in PDF format
File Size	Not more than 15 MB
Content	Encouraged to use tables, Diagrams, Flow Charts & Images to support your text
Supporting Document	Nominees can attach videos or other document in the online form where deemed fit to support your nomination.
Pages	Maximum 25 Pages including Cover Page

1. Company Overview

A. Corporate Information

- Years of Establishment
- Annual Revenue for past 3 years
- Number of Full Time Employees
- Ratio of Local vs Foreign Employees
- Share ownership (local vs foreign)
- Factory location (Nominated Project)
- Any other related information

B. Business Information

- Nature of Business – Short Brief
- Products and Services
- Brand(s) if available
- Ratio of Local vs Export Market
- Key export market
- Any other related information

2. Smart Manufacturing Project

A. Project Overview

Project Title	
Project Start and End Date	
Brief Description of Project	
Estimated Investment	
Technology Provider(s)	
Key Technologies Adopted	

- Objectives of project
- List and explain pain points to be solved
- Innovative product development and service delivery (if any)

B. Integration and Intelligence

- How Technology(s) are used to solve manufacturing pain points or innovate products and service delivery
- Demonstrate how it is integrated
 - System and Information Architecture
 - Seamless Integration from In-coming goods to out-going products
- Process Optimisation : Before and After
- Integration within single and multiple factories
- Stakeholder Involvement
- Describe change management (if applicable)
- How is it scalable & replicable ready for future development?
- Any other related information

C. Facilities

- Smart Facilities
- Warehouse & Material Handling
- Building & Facility Management
- Asset Maintenance
- Safety & Security
- Environmental & Sustainability
- Any other related information

D. Team Involvement

- Leadership in Change Management
- Employee Readiness, Engagement and Inclusion
- Upskilling and Reskilling
- Promoting Transformation Culture and Acceptance
- Any other related Information

E. Performance (Return on Investment & Return on Value)

- Process Improvement & Optimisation
 - Innovative Products and Service Delivery
 - Cost Savings
 - Improves Quality and Consistent capacity
 - Low Skill to High Skill tasks
 - Making Informed and Intelligent Decision
 - Increase Marketability of Business
 - Supports Long Term Business Strategies & Sustainability
 - Unquantifiable values and benefits gained
 - Any other related information
- 

APPENDICES

GENERAL GUIDE

Special Award: Data Driven Sustainability Excellence

Format	Presentation Slides Saved in PDF format
File Size	Not more than 15 MB
Content	Encouraged to use tables, Diagrams, Flow Charts & Images to support your text
Supporting Document	Nominees can attach videos or other document in the online form where deemed fit to support your nomination.
Pages	Maximum 25 Pages including Cover Page

1. Company Overview

A. Corporate Information

- Years of Establishment
- Annual Revenue for past 3 years
- Number of Full Time Employees
- Ratio of Local vs Foreign Employees
- Share ownership (local vs foreign)
- Factory location (Nominated Project)
- Any other related information

B. Business Information

- Nature of Business – Short Brief
- Products and Services
- Brand(s) if available
- Ratio of Local vs Export Market
- Key export market
- Any other related information

2. Data-Driven Sustainability

A. Project Overview

Overview of Sustainability Initiative(s)	
Project Start and End Date	
Estimated Investment	
Solution Provider(s)	

- Key Motivation behind the sustainable initiatives

1) Data Utilization for Sustainability

- Use of data analytics to reduce waste, energy, or resource consumption.
- Integration of IoT, AI, or other digital tools for real-time monitoring and decision-making.

2) Sustainable Product Design & Lifecycle Management

- Use of data to optimize product design for sustainability.
- Monitoring and extending the product lifecycle using smart technologies.
- Evidence of reduced environmental impact through data-driven strategies.
- Eg. Use of digital twins, CAD/CAE tools with sustainability simulation ; Lifecycle tracking using barcodes, RFID, or cloud databases ; Data-informed decisions for recyclable/eco-friendly materials.

3) Environmental Impact Metrics

- Measurement and tracking of carbon footprint, energy efficiency, or waste reduction.
- Use of data to set and achieve measurable environmental goals.
- Eg. Specific KPIs tracked ; Data used to set and track environmental goals (e.g., Net Zero plans); Visual dashboards, reports, or historical trend data.

4) Collaboration and Ecosystem Integration

- Use of data to improve supply chain sustainability.
- Collaboration with partners to achieve shared sustainability objectives.
- Case studies highlighting the role of data in sustainable innovation.
- Eg. Tracking scope 3 emission ; collaborative data with suppliers to improve sustainability

5) Outcomes and Scalability

- Tangible results in sustainability metrics (e.g., reduction in emissions, cost savings).
- Scalability and replicability of the data-driven initiatives.
- Testimonials or case studies demonstrating success.
- Eg. Actual & Quantifiable sustainability Improvements ; verification, validation, certification or testimonial from 3rd party

Special Award: People Excellence

Format	Presentation Slides Saved in PDF format
File Size	Not more than 15 MB
Content	Encouraged to use tables, Diagrams, Flow Charts & Images to support your text
Supporting Document	Nominees can attach videos or other document in the online form where deemed fit to support your nomination.
Pages	Maximum 25 Pages including Cover Page

1. Company Overview

A. Corporate Information

- Years of Establishment
- Annual Revenue for past 3 years
- Number of Full Time Employees
- Ratio of Local vs Foreign Employees
- Organisational Chart with number of team members in each dept/unit
- Share ownership (local vs foreign)
- Factory location (Nominated Project)
- Any other related information

B. Business Information

- Nature of Business – Short Brief
- Products and Services
- Brand(s) if available
- Ratio of Local vs Export Market
- Key export market
- Any other related information

2. People Excellence

A. Overview

- Overview of People Development Supporting Smart Manufacturing Initiatives
- List of key programmes in table
- Dedicated team or committee members and their roles in driving Smart Manufacturing

B. Workforce Development & Training

- Structured upskilling/reskilling programs aligned with smart manufacturing.
- Digital platforms (e-learning, AR/VR, simulators) for training.
- Tangible improvements in staff competency, certifications, or skill level. Please list down

C. Employee Engagement & Inclusion

- Initiatives to foster employee involvement in smart manufacturing practices.
- Programs that encourage staff to involve or co-develop smart solutions.
- Use of feedback mechanisms (e.g., kaizen teams, idea boxes) to improve support for digital transformation.

d. Leadership in Change Management

- Leadership's role and initiatives in driving smart manufacturing.
- Strategies to manage resistance to change and promote innovation.
- Structured change management processes (eg. ADKAR, Kotter)
- Clear communication and alignment of goals with the workforce.

E. Safety, Health, and Well-Being

- Integration of smart technologies to enhance workplace safety (eg. Ai smart camera, wearables)
- Programs addressing physical and mental well-being.
- Data-driven safety tracking and continuous improvements.

F. Outcomes and Impact

- Clear results of people-centric initiatives: productivity, morale, quality.
 - Employee success stories, testimonials, or retention improvements.
 - Data showing impact of workforce engagement on smart manufacturing success.
- 

Special Award: Technology Excellence

Format	Presentation Slides Saved in PDF format
File Size	Not more than 15 MB
Content	Encouraged to use tables, Diagrams, Flow Charts & Images to support your text
Supporting Document	Nominees can attach videos or other document in the online form where deemed fit to support your nomination.
Pages	Maximum 25 Pages including Cover Page

1. Company Overview

A. Corporate Information

- Years of Establishment
- Annual Revenue for past 3 years
- Number of Full Time Employees
- Ratio of Local vs Foreign Employees
- Team Members Technical Qualifications in a Table
- Share ownership (local vs foreign)
- Any other related information

B. Business Information

- Nature of Business – Short Brief
- Products and Services
- Brand(s) if available
- Ratio of Local vs Export Market
- Key export market
- MDEC MD Status Company (Yes/No)
- Highlight key accomplishments, certifications, or partnerships, particularly those involving local institutions, universities, or Malaysian companies
- List of Existing Digital Solutions for Manufacturing Sector Developed by the Company
- Any other related information

2. Smart Manufacturing Technology Solution

A. Solution Overview

- Name of Nominated Technology Solution
- Brief Description of Nominated Technology Solution
- Explain key features and unique selling points
- Ratio of locally developed vs foreign developed
- Highlight any collaborative R&D with manufacturers, institute of higher learnings, engineers etc

B. Operational and Business Pain Points Addressed

- Problem statement in the manufacturing sector to be addressed by this solution
- Provide specific examples of operational problems solved
- Explain how the solution is tailored to the needs of Malaysian manufacturers or SMEs, supporting the local business environment

C. Implementation and Practical Use

- Explain the ease of implementation and scalability of the solution for different manufacturing sectors
- Describe any customization or flexibility offered to meet unique requirements
- Detail any support services provided locally (e.g., local technical support, training, or system integration)

D. Project Case Studies (Minimum 3)

- Client Company Name
- Overview of the client's business or industry
- Project Value
- Date Completed
- Solution/Services, Key Features and Functionalities Provided
- Pain Points Addressed
- Highlight measurable outcomes / improvements / performance achieved
- Use visuals, graphs, or charts to demonstrate before-and-after performance

E. Client Testimonials (Minimum 3 – Signed by Client))

- Project implemented in Malaysia Factory
- Client name, title, and organization (with consent –)
- Testimonials should highlight the solution's impact on operational efficiency, cost reduction, productivity, or sustainability

F. Innovation and Differentiation

- Explain how the technology is innovative and distinctive from competitors
- Highlight any local R&D efforts or proprietary methods developed in Malaysia
- Specify any local patents, licenses, or intellectual property

G. Local Content and Ecosystem Contribution

- Explain the percentage of local technology, components, or human resources involved
- Highlight partnerships with local institutions, universities, or Malaysian SMEs
- Describe efforts to develop local talent, skills, and knowledge-sharing
- Share initiatives that contribute to the growth of Malaysia's smart manufacturing ecosystem

H. Market Potential and Export Readiness

- Discuss the solution's scalability and export readiness
- Highlight its potential for export market including compliance and acceptance level.

I. Commitment to Developing Malaysia's Smart Manufacturing Ecosystem

- Outline specific initiatives aimed at supporting local SMEs, startups, or technology providers
- Describe any contributions to government programs or industry associations

J. Conclusion

- Summarize key points
- Reinforce the impact of the technology on local manufacturers
- Share future aspirations for advancing Malaysia's smart manufacturing capabilities and global competitiveness

.....

Additional Submission Guidelines

- Presentations must be in PowerPoint or PDF format
 - Include visuals, graphs, diagrams, or photographs to support your explanations
 - Local content should be clearly highlighted in each relevant section
 - Attach additional documentation, such as patents, white papers, or reports
 - Client testimonials must be authentic and signed, with client consent if required
- 



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- In operation for at least 2 years
- For Manufacturing & Services sectors (excluding finance & insurance)

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*Subject to annual review

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100%



Up to
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Up to
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*Applicable to SMEs only

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Backed by technology partners and solution providers, Future Ready Financing (FRF) offers financing, consultation, and advisory support for businesses adopting automation and smart technologies.

Eligibility:

- Registered with SSM
- Annual sales or turnover of more than RM200,000
- At least 51% equity held by Malaysians
- Minimum of 2 years in operation
- A quotation from a panel technology solution provider is mandatory
- Sectors: Manufacturing and Manufacturing-Related Services (MRS)

Financing Purpose

Commercial Property

Machinery & Equipment

IT Hardware & Software

Commercial Vehicles

Working Capital

Tenure

Up to 25 years

Up to 10 years

Up to 10 years

Up to 10 years

Up to 7 years

Our Technology Providers:



Our Solution Partners:



Application Procedure

If you are ready to embrace innovation and automation, reach out directly to any of our technology solution provider.

Step 1

Scan the QR code or visit our website.



Step 2

Contact one of our partners to discuss your needs and get a quotation.



Step 3

Use the quotation to apply for financing on our website.



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- Registered with SSM
- Annual Sales or Turnover more than RM300,000
- At least 51% equity held by a Malaysian woman/women or a CEO/MD who is a Malaysian woman that owns at least 10% equity
- In operation for at least 2 years
- Manufacturing, Manufacturing Related Services (MRS) & Services sectors

Financing Purpose

Working Capital

Machinery & Equipment

Tenure

Up to 7 years

Up to 10 years

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*M-WiSE: MIDF/MBSB - Women (independent) SME Entrepreneurs.



Financing
Amount

**RM50,000 –
RM1 million**



Financing
Rate

3% p.a.
(monthly
rests)



Margin of
Financing
100%



Up to
10 years
Payment
Tenure

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Eligibility:

- SME incorporated under the Companies Act 1965, Companies Act 2016 or Registration of Business Ordinance 1956
- Annual Sales or Turnover more than RM200,000
- At least 51% equity held by Malaysians
- Possesses valid business premise license by local authority
- SMEs with shareholding not exceeding 20% held by public-listed companies (only if applicable)

Financing Purpose

Tenure

Commercial Property	Up to 25 years
Machinery & Equipment	Up to 10 years
Working Capital	Up to 7 years
IT Hardware & Software	Up to 10 years
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