

IMPACT

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Manufacturing Excellence: Strategies for Success

A Proven way by ACMA Mobility Foundation



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Chairman's Message

ACMA – Technology and Industrial Competitiveness



Dear Reader,

At the outset, let me wish you a very Happy and Prosperous New Year - 2025!

It gives me great pleasure to share with you Volume 17, Issue 3 of **IMPACT**, themed "*Manufacturing Excellence: Strategies for Success - A Proven Path by the ACMA Mobility Foundation.*"

The Olympic motto, *Citius, Altius, Fortius* (Faster, Higher, Stronger), aptly reflects the aspirations of the automotive components industry today. We are living in transformative times where vehicles are expected to be faster, more efficient, and stronger than ever. This evolution is driven by breakthroughs in materials and manufacturing techniques, enhancing performance, safety, and efficiency. Lightweight materials, high-performance components, and advanced manufacturing techniques are at the forefront of this revolution—achieving greater speed, precision, and durability.

These innovations will be a key focus at the upcoming **Components Show at Bharat Mobility Global Expo 2025**, scheduled to be held in New Delhi from **18th to 21st January 2025**. I warmly invite you to join us at this grand celebration of growth and innovation, the largest extravaganza of the Indian automotive components industry.

In today's rapidly changing industrial landscape, manufacturing excellence is not just a goal—it's a necessity. Companies that adapt, innovate, and excel in their processes gain a competitive edge, ensuring long-term success. The **Pillar-III at ACMA** is at the forefront of this transformation, guiding organizations to adopt best practices and strategies for success. Over the past two decades, we have played a pivotal role in enabling the auto components industry to achieve higher efficiency, minimize waste, embrace advanced technologies, and foster a culture of continuous improvement. These efforts have resulted in higher-quality products, reduced costs, and faster time-to-market.

Key strategies championed by ACMA for achieving manufacturing excellence include:

1. **Adopting Lean Manufacturing:** Eliminating waste and optimizing resource utilization.
2. **Leveraging Digital Transformation:** Embracing automation and advanced technologies for operational efficiency.
3. **Workforce Development:** Upskilling employees, fostering leadership, and cultivating a culture of innovation through training and workshops.
4. **Sustainability:** Advocating eco-friendly practices such as energy-efficient processes, waste reduction, and sustainable sourcing.
5. **Collaboration:** Facilitating peer learning and knowledge-sharing through national and international forums, creating a collaborative ecosystem for innovation.

Through its bouquet of ESG programs, ACMA not only enhances operational efficiency but also bolsters brand reputation while contributing to environmental stewardship. By fostering collaboration and peer learning, AMF accelerates problem-solving and drives innovation across the industry.

Manufacturing excellence is more than just a buzzword; it is a strategic imperative for thriving in today's competitive market. With the proven strategies championed by the ACMA, businesses can confidently navigate challenges, embrace innovation, and achieve unparalleled success. By investing in lean practices, digital transformation, workforce development, sustainability, and collaboration, manufacturers can lay a strong foundation for long-term growth and resilience.

I encourage you to take full advantage of the opportunities offered by ACMA and contribute to nation-building, helping us achieve the vision of a Viksit Bharat.

Wishing you a safe, fulfilling journey of learning, and I look forward to receiving your valuable feedback on this publication to help us improve further.

Best wishes
Vikrampati Singhania

ACMA Mobility Foundation Programs - Towards VIKSIT Indian Auto Component Industry



Mr. Dinesh Vedpathak

CEO - Technology & Industrial Competitiveness, ACMA

The ACMA Mobility Foundation Programs focus on fostering the development of the Indian auto industry by addressing the challenges and opportunities faced by auto component manufacturers. Through these programs, companies can enhance their operations, adopt new technologies, develop in-house talent, and prepare for global competitiveness. The approach is based on a comprehensive, step-by-step process to improve business performance and streamline operations.

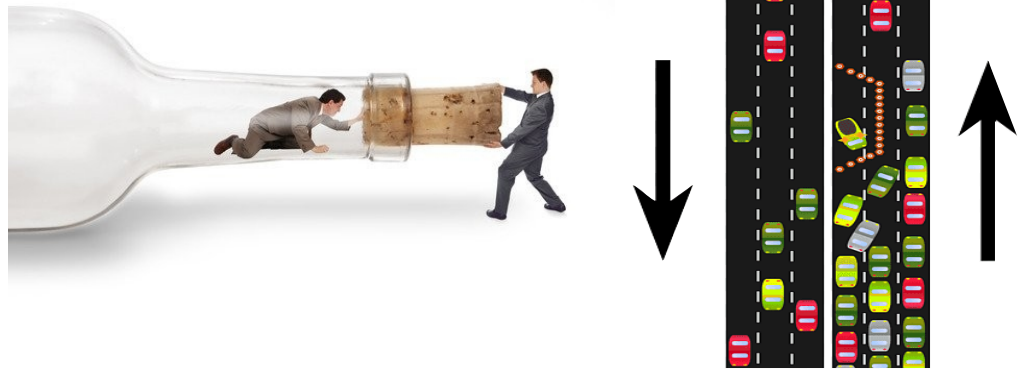
SUCCESS



Here are the key steps to drive business growth and operational excellence:

1. Revisit Organization Structure

- **Identify Overlaps & Gaps:** Review your organizational structure to uncover inefficiencies or skill gaps. Ensure you have the necessary talent to handle current and future challenges.
- **Skill Availability:** Recognize the areas where skill development is needed and address those gaps to enhance overall productivity and effectiveness.



2. Define and Monitor Key Performance Indicators (KPIs)

- **Set Hierarchical KPIs:** Finalize clear KPIs for each level of your hierarchy, ensuring that performance can be monitored and trends tracked.
- **Regular Monitoring:** Keep track of these KPIs consistently to identify areas that need improvement and take corrective action early.

3. Seek External Support for Talent Development

- **Develop In-House Talent:** Seek outside support not just to solve existing problems, but to develop your internal workforce through mentoring, training, and systems development.
- **Cultural Transformation:** Emphasize the importance of building a culture that aligns with business goals and enhances long-term sustainability.



4. Improve Plant Hygiene and Safety

- **Create a Safe Environment:** Prioritize the safety, upkeep, and hygiene of your plants and facilities. A well-maintained, safe, and clean environment not only boosts morale but also creates a professional image.
- **Ventilation & Well-Being:** Ensure proper ventilation and other factors that contribute to the overall health and well-being of your workforce.



5. Set Challenging Targets for Employees

- **Stretch Targets:** Give employees challenging targets to help them stretch their capabilities, akin to stretching a rubber band. By pushing their limits, they develop resilience, and when they achieve these targets, it encourages growth and performance.
- **Recognition of Excellence:** Encourage employees to participate in programs like the ACMA Excellence Awards, which recognize and reward achievements in various categories. Visit www.acmaawards.com



6. Empower Employees with Ownership

- **Clear Accountability and Authority:** Empower employees by making them owners of their processes. Provide clear accountability and authority, and ensure that they are equipped to make decisions regarding budgets and process improvements without waiting for approvals.
- **Foster Autonomy:** Eliminate the “approval waiting” culture, which slows down decision-making and inhibits operational efficiency.

7. Celebrate Achievements Continuously

- **Reward and Recognition:** Celebrate small achievements regularly through rewards and recognition. Acknowledging progress keeps the team motivated and reinforces positive behaviour.
- **Continuous Improvement:** Make recognition and celebration a continuous part of your organization's culture to maintain momentum and morale.



Conclusion:

The ACMA Mobility Foundation offers a structured approach to transforming auto component industries in India. By adopting the outlined steps, companies can overcome operational bottlenecks, foster continuous improvement, and build a sustainable, competitive edge. Over 1,600 plants have already benefited from these programs, underscoring their effectiveness in driving success and growth in the Indian auto industry.

For more details, you can reach out to Ms. Sangeeta Sharma at sangeeta.sharma@acmamf.in and Ms. Surekha Deshmukh at surekha.deshmukh@acmamf.in about the programs and how they can help your business thrive.

AMF Mobility Foundation's ESG Programs : End to End Solutions in Sustainability Domain

Purpose

A few decades ago, a company was trusted if their products were liked by their customers. Today, a company is only trusted if its employees, customers and other stakeholders are satisfied with the economic, social, and environmental outcomes. In recent years, sustainability has become essential in measuring brand equity due to its increasing influence on consumers' active consciousness and purchase decisions. The automotive customers (OEMs, After-market), whether domestic or overseas, have started demanding reduction in product carbon footprints.

Reporting frameworks like BRSR are monitoring year on year reductions in GHG (Green House Gases) emissions and improvements in social and governance indicators. Similarly, for those wanting to export their products the European Union's CBAM regulation mandates reporting of product emissions data, based on which a so-called 'carbon-tax' will be levied starting Jan'2026. Various countries, including UK, USA, Canada, Australia, Korea, Japan among others, are mulling introducing their own versions of CBAM regulation. The component industry is expected to respond to these mandates expressly.

ACMA Mobility Foundation (AMF) being custodian of business interest of auto component sector, is working to support its member companies to meet their obligations against ESG and CBAM requirements – regulatory and those mandated by customers. The services start with status quo assessment of the company, conducting a gap analysis and move on to defining sustainability roadmap, building capability within the company to consistently meet all said requirements, measuring and reducing carbon footprint, implementing employee & community engagement practices, establishing a governance structure to drive these practices across organisation and finally publishing disclosures in specified reporting formats viz. BRSR / GRI / CBAM.

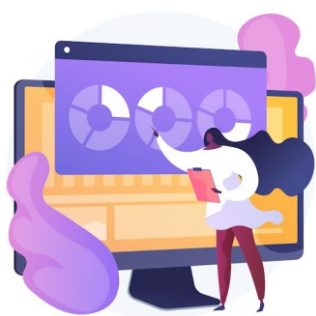
What is AMF doing to achieve the purpose

To achieve the above purpose, AMF offers multiple short-term and long-term interventions in ESG / CBAM domains. Brief about each program is listed hereunder:

1.0: Five days certification program on ESG

DAY-1

- Concept of Sustainability
- Environmental, social and Economic Governance of Sustainability



Mr. V. K. Sharma
Mentor - Clusters & Projects, AMF



Mr. Abhinav Rastogi
Dy. Director & CBAM Expert, ACMA

- Importance of balancing these aspects for long term success
- Group Exercise
- Sustainable Manufacturing
- Introduction to ESG and its impact on auto-component manufacturers
- UN Sustainable Development Goals

DAY-2

- Purpose statement
- ESG policy and frameworks
- Group exercise
- Carbon emissions accounting : Scope 1,2,and 3
- Carbon emission reductions : Illustrations and case studies

DAY-3

- Group Exercise
- Responsible Business
- Mindful Leadership
- Safety, Training & Development
- Diversity, Equity and Inclusion
- Code of Ethics

DAY-4

- Reporting frameworks – BRSR, GRI, SBTi, CDP
- Sharing reports : BRSR, GRI
- Integrated report : importance of transparent reporting on sustainability efforts
- Group exercise
- Greenwashing

DAY-5

- Clean energy, Water harvesting, Afforestation
- Sharing of sustainability journey by company
- Commitment to sustainable change
 - Encouraging participants to take active roles in promoting sustainability within auto companies
- Continuous learning and improvement
 - Emphasising the importance of ongoing education and adaptation to evolving sustainability trends
- Conclusion and Call to Action

2.0: ESG Assessment and Report

The two days in-company assessment will help companies understand their current level of maturity against the ESG requirements. This realization can then help in formulating focused strategies to achieve the desired levels of ESG performance.



AMF will conduct a detailed data collection, assessment and analysis at the client company and will submit a comprehensive report. The assessment deliverables are:

- Thorough investigation of parameters under three pillars of ESG
 - Environment
 - Social
 - Governance
- Identification of major AFIs to enhance ESG performance
- Indicative recommendations on interventions in identified areas
- Detailed assessment report, with scope of improvement

3.0: Two years (24 months) AMF ESG Program

With a view to secure holistic improvements in all three pillars of ESG, various interventions, and deliverables, will include:

Interventions	Deliverables
<ul style="list-style-type: none"> • ESG – Understanding and Rollout • GHG inventorisation • De-Carbonisation (Scope-1 and Scope-2) • De-Carbonisation (Scope-3) • Transition to Water Neutral • Circular Economy • Employee well-being • Occupational Health and Safety • Human Rights • Diversity, Equity and Inclusion • Community Engagement • Business Ethics • Corporate Governance 	<ul style="list-style-type: none"> • Competence for self-assessment against ESG requirements • Report disclosures in defined framework formats eg.BRSR • Create ESG policy, strategy and roadmap for improvement • Carbon emissions quantification, Corporate carbon footprint calculation • Carbon emissions reduction – Scope-1, Scope-2 and Scope-3 • Water neutral, Zero water discharge • Material circularity, Waste reduction • Energy bill reduction • Material cost reduction • Employee engagement – Attrition/Absenteeism reduction • Productivity improvement • Brand image improvement through DEI and Community engagement • Creating appropriate governance structure • Transparent disclosures reporting • Building Brand Equity

AMF will provide experts for guidance, counselling and hand holding of participating company's team as follows:

- Regular AMF Counsellor's visits to company
- Regular Mentor Review Meetings at company
- Mentor's inputs / trainings during MRMs
- Model Plant Visits



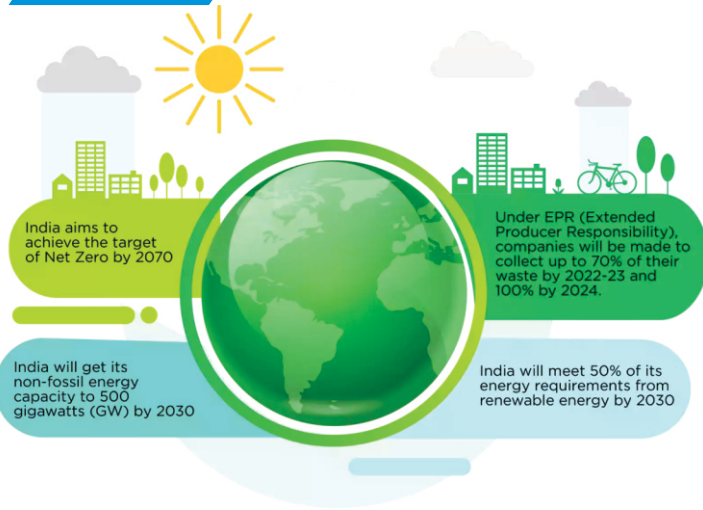
4.0: One & half years (18 months) AMF De-Carbonisation Program

With a view to secure specific improvements in the Environment domain, various interventions, and deliverables, will include:

Interventions	Deliverables
<ul style="list-style-type: none"> • Establishing KPIs and target setting • GHG inventorisation • De-Carbonisation (Scope-1 and Scope-2) • De-Carbonisation (Scope-3) • Transition to Water Neutral • Circular Economy 	<ul style="list-style-type: none"> • Carbon emissions quantification, Corporate carbon footprint calculation • Carbon emissions reduction – Scope-1, Scope-2 and Scope-3 • Water neutral, Zero water discharge • Material circularity, Waste reduction • Energy bill reduction • Material cost reduction

AMF will provide experts for guidance, counselling and hand holding of participating company's team as follows:

- Regular AMF Counsellor's visits to company
- Regular Mentor Review Meetings at company
- Mentor's inputs / trainings during MRMs
- Model Plant Visits



5.0: One & half years (18 months) AMF BRSR Core Compliance Program

With a view to meeting value chain data reporting & improvement requirements for customers with mandatory BRSR reporting, various interventions, and deliverables, will include:

Interventions	Deliverables
<ul style="list-style-type: none"> BRSR Core - Attributes, Parameters and Measurement Establishing KPIs and target setting GHG inventorisation – Scope-1&2 De-Carbonisation (Scope-1 and Scope-2) Water Footprint Reduction Embracing Circularity Employee wellbeing & Safety Diversity, Equity and Inclusion Fairness and Openness of Business 	<ul style="list-style-type: none"> Grasping mandatory regulatory requirements Total scope-1 and scope-2 emissions per unit of sales Carbon emissions reduction – Scope-1 and Scope-2 Water neutral, Zero water discharge Material circularity, Waste reduction Fuel and Gas bill reduction Energy bill reduction Material cost reduction Renewable energy enhancement Employee engagement – Attrition/Absenteeism reduction, Productivity improvement Brand image improvement through DEI Fair engagement with Customers and Suppliers

AMF will provide experts for guidance, counselling and hand holding of participating company's team as follows:

- Regular AMF Counsellor's visits to company
- Regular Mentor Review Meetings at company
- Mentor's inputs / trainings during MRMs
- Model Plant Visits

6.0: One & half years (18 months) AMF CBAM-Assessment, Guidance, Reporting and Impact Reduction Program

With a view to meeting all regulatory and customer mandated obligations for exporting companies, various interventions, and deliverables, will include:

Interventions	Deliverables
<ul style="list-style-type: none"> CBAM - Awareness and Guidance on implementation GHG Emissions quantification and Reporting in specified format De-Carbonisation of Direct Emissions De-Carbonisation of Indirect emissions De-Carbonisation of Pre-cursor emissions Carbon Pricing Data collection and Reporting 	<ul style="list-style-type: none"> Grasping mandatory requirements Quarterly reporting in specified format Product level Carbon emissions quantification De-Carbonisation – Direct, Indirect and Pre-cursor emissions Direct fuels cost reduction Energy bill reduction Material cost reduction Carbon pricing – carbon certificates calculation Establishing Data collection protocols

AMF will provide experts for guidance, counselling and hand holding of participating company's team as follows:

- Regular AMF Counsellor's visits to company
- Regular Mentor Review Meetings at company
- Mentor's inputs / trainings during MRMs
- Model Plant Visits

7.0 ESG Assurance and Certification

AMF will provide assistance to member companies to secure Assurance and Certifications in the areas of 'GHG Emissions Reduction' and 'ESG' from AMF's partner agencies - authorised third party assurers / certifiers.

Conclusion

ESG compliance and reporting gives companies the opportunity to be transparent with customers and stakeholders about their approach to environmental, social, and corporate governance topics. It's quickly becoming a necessary part of operating an enterprise business. Awareness is growing that a strong ESG proposition correlates with higher equity returns. Sustainable practices attract more customers, allows better access to resources, lowers energy and water consumption and therefore also reduce operational costs. While building a robust ESG ecosystem in the organisation, the improved efficiencies bring sustained economic gains making it a win-win initiative.



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ACMA Excellence Awards 2024



As we strive for excellence in our operations and partnerships, we are excited to encourage our valued suppliers to participate in the prestigious ACMA (Automotive Component Manufacturers Association) Excellence Awards 2024.

These awards recognize outstanding achievements in quality, innovation, and sustainability within the automotive component supply chain. Your commitment to excellence aligns with our shared goals, and we believe your contributions deserve acknowledgment.

The Award is meant for ACMA Members as we believe this is an opportunity to showcase their capabilities and celebrate the achievements that enhance the industry's standards.

You can view ACMA Excellence Awards session recording for understanding complete process, please visit

The relevant details for ACMA Excellence Awards 2024, Guidelines for the application process is available at the website www.acmaawards.com.

The key highlights of ACMA Excellence Awards 2024 , guidelines are mentioned as under: (for detailed reference visit the website www.acmaawards.com)

- 1) ACMA Awards Digital System - The Applications is accepted and submitted on the dedicated ACMA Awards web based Portal for the subject at www.acmaawards.com.
- 2) Online Registration by applicants.
- 3) ACMA Excellence Awards 2024 the Categories are: (Refer guidelines for turnover criteria & fees)
 - (i) Excellence in Exports (Plant Level & also for Corporate Level)
 - (ii) Excellence in New Product Design & Development (NPDD) & Localization (Plant Level & also for Corporate Level)
 - (iii) Excellence in ESG (Plant Level & also for Corporate Level)
 - (iv) Excellence in Manufacturing (Plant Level)
 - (v) Excellence in Digitalization (Plant Level)
 - (vi) Excellence in Safety (Plant Level)
 - (vii) Excellence in Tier 2 Supplier Development (Plant Level)
- 4) Awards applicants (company) categories are based on company /group turnover criteria (FY 23- 24) – (i) Small: Up to INR 50 Cr (ii) Medium: > INR 50 Cr to 250 Cr (iii) Large > INR 250 Cr to 750 Cr (iv) Very Large > INR 750 Cr
- 5) Terms and conditions to apply for the awards
ACMA Membership clause
 - Companies below and up to 50 Cr – May apply to ACMA Awards without becoming ACMA Member and no fees to be paid for all 7 categories

- Companies having group turnover more than 50 Cr. - To become the ACMA member for applying to this award, kindly contact ACMA team as per details provided.

Awards Application fee - One Fee either for one category application or for all 7 categories of applications.

- i) Small size companies up to turnover of 50 Cr – No awards application fee hence can apply without fee and no membership clause apply on companies below and up to 50 cr. Company turnover (Applicable for Auto Component Suppliers only)
 - ii) Medium: > INR 50 Cr to 250 Cr – Fee 40,000/- + GST (in one fee you can apply to all 7 categories)
 - iii) Large > INR 250 Cr to 750 Cr - Fee 55,000/- + GST (in one fee you can apply to all 7 categories)
 - iv) Very Large > INR 750 Cr – Fee 80,000/- + GST (in one fee you can apply to all 7 categories)
 - v) Awards application Fee for the Corporate Category Level (can apply in three categories of awards (i)Excellence in Export, (ii)Excellence in NPDD (New Product Design and Development) & Localization and (iii) Excellence in Environment, Social and Governance (ESG) and fees to be paid as per category applied, you can apply to all 3 categories by paying separate fees
 - a) Medium size - INR 1,2,5000/-
 - (b) Large size- INR 1,65,000/-
 - (c) Very large size – INR 2,20,000/-
 - vi) Special Encouragement to apply for the awards for the Companies at plant level (Not applicable for corporate level awards) - Complete waiver of awards application fee at plant level awards for the Companies operating with
 - 15% or more female employees and
 - 5% differently abled employees
 - vii) Last Date to Apply for ACMA Excellence Awards 2024 was 30th Dec 2024
- 6) ACMA Excellence Award, 2024- Evaluation Criteria (for more details, please download applications for each category from “Download” section at www.acmaawards.com home page for collecting data, applications to be submitted online)

- Key Performance Indicators (KPI) is mentioned in application for each category
- Processes to achieve results, Leadership drive by answering relevant questions
- 3 Customer feedback are obtained by ACMA Team as per details mentioned by applicant
- Information about plant hygiene factors
- Employee Involvement, and business results
- Each application is evaluated out of 500 marks under each of the categories of awards.
- Online assessment will be done by ACMA empanelled assessors before Dec, 2024 and the online assessment date will be chosen and selected by the applicant company after successful submission of applications.

- 7) Benefits to the company after applying of ACMA awards –Refer guidelines from homepage at www.acmaawards.com
- 8) OEM as Awards Jurors and final Jury Evaluation of shortlisted application: Renowned OEMs are the eminent Jurors for ACMA Excellence Awards who will do final evaluation of the applications and announce the winners based on performance.
- 9) Gala event 59th ACMA Excellence Awards and 10th Technology Summit in Delhi on 4th March, 2025 where Ministers, GOI officials, OEMs, will bestow the awards to the winners and event will be covered by Media agencies Pan India and winners' profile is printed in ACMA IMPACT magazine.

For details on ACMA Excellence Awards winner for the last year – kindly take a look at total event and panel discussions at [ACMA 58th EXCELLENCE AWARDS & 9TH TECHNOLOGY SUMMIT \(youtube.com\) and Winners profile in IMPACT magazine at The Automotive Component Manufacturers Association of India - ACMA](https://www.youtube.com/watch?v=...)

Should you need any assistance or have questions, feel free to reach out to Awards Team, ACMA

Smita Kulkarni, Smita.kulkarni@acma.in, +91 9922922500

Pallavi Gosavi, Pallavi.gosavi@acmamf.in, +91 8308964921

Revised criteria for Best performing Companies for 2024

Current Recognition Methodology-

- Top Scorers among the shortlisted applicants are awarded trophies - Gold, Silver & Bronze
- No recognition for those that are shortlisted but fail to get an award

Proposed additional Criteria for Recognition -

Considering the ACMA Awards are inclusive and are meant to encourage, it is proposed to introduce an additional criteria for recognising those applicants, subject to discretion of jury, that are shortlisted but do not make it to awards/gat a trophy. The recognition will be based on scores out of 500, as a percentile.

SCORE	RECOGNITION	AWARDS	REMARK	RECOGNITION
Top Scorer	Platinum Trophy	Trophy	Winners for Gold / Silver / Bronze trophies are based on Jury Discretion Winners of Trophies are recognised as outstanding performers	Formal ACMA awards ceremony (In physical) Publication of company's name in "IMPACT" magazine.
Top Scorer	Gold Trophy	Trophy	Winners for Gold / Silver / Bronze trophies are based on Jury Discretion Winners of Trophies are recognised as outstanding performers	Formal ACMA awards ceremony (In physical) Publication of company's name in "IMPACT" magazine.
Top Scorer	Silver Trophy	Trophy	Winners for Gold / Silver / Bronze trophies are based on Jury Discretion Winners of Trophies are recognised as outstanding performers	Formal ACMA awards ceremony (In physical) Publication of company's name in "IMPACT" magazine.
Top Scorer	Bronze Trophy	Trophy	Winners for Gold / Silver / Bronze trophies are based on Jury Discretion Winners of Trophies are recognised as outstanding performers	Formal ACMA awards ceremony (In physical) Publication of company's name in "IMPACT" magazine.
Scores above 50%	Sorting / classification of shortlisted companies (Recognition for Companies - do not win trophies but performed well)	Progressive Certificate of Merit	Shortlisted companies who are showcasing continuous improvement and advancement	Digital Certificate
Scores above 50%	Sorting / classification of shortlisted companies (Recognition for Companies - do not win trophies but performed well)	Striving Certificate of Merit	Shortlisted companies demonstrating potential for growth and innovation.	Digital Certificate
Scores above 50%	Sorting / classification of shortlisted companies (Recognition for Companies - do not win trophies but performed well)	Emerging Certificate of Merit	Shortlisted companies actively working to grow, improve, and achieve success.	Digital Certificate
Scores less than 50%	Certificate Acknowledging the Participation in Awards	Certificate of Participation	Certificate Presented as recognition of companies valued participation and commitment, contributing to the success of ACMA Awards.	Digital Certificate

The ACMA Excellence Awards provides the platform to create a benchmark in the industry. Non-ACMA member companies may like to make use of this opportunity to apply for ACMA Excellence Award 2024 by becoming ACMA member.

As a special encouragement, complete fees for the plants operating with 15% or more female employees or 5% differently abled employees is waived off.

ACMA Technology Summit 2025

Join Us on March 4th 2025 | Hotel Le Meridien

We are almost a month and half away from the 10th Technology Summit organized by ACMA Mobility Foundation. The theme for the 10th AMF Technology Summit is "**Viksit Bharat: Innovating for an Inclusive, Sustainable & Resilient Manufacturing Future**". This summit will be a key platform for exploring these ideas and will also serve as a celebration of the prestigious *ACMA Excellence Awards*

WHAT TO EXPECT DURING THE SUMMIT

As we move towards a future defined by innovation, sustainability, and inclusive growth, India's manufacturing sector is poised to become a global leader. We are committed to harnessing advanced technologies, sustainable practices, and inclusive policies to build a manufacturing ecosystem that drives economic growth, uplifts communities, preserves natural resources, and strengthens India's resilience to future challenges.

The Conference Programme includes 2 Power Packed Panel Discussions on the topic

- **Innovating for an Inclusive, Sustainable & Resilient Manufacturing Future**
- **Resilient Manufacturing**

Event is intended to host Global thought leaders from Government, Industry, Academia and Think tanks alongside the much-anticipated ACMA Excellence Awards 2024 which will celebrate the achievements of auto component companies in various categories. Summit promises to have 20+ Industry Speakers from Govt, Auto OEM and Auto Industry.

The upcoming event promises to be just as impactful, serving as a vital platform to shape the global course. The summit will have key deliverables for Industry:

- CEREMONY: ACMA EXCELLENCE AWARDS 2024
- Success stories of manufacturing excellence
- Developing world-class manufacturing facilities
- Meeting global customer expectations
- Building a resilient and inclusive manufacturing ecosystem for a prosperous India
- BCG Competitiveness Study report launch

The Technology Summit will attract more than 1000 delegates and you have opportunity to meet & network with peers from across the globe.

Why Attend?

Learn: Gain insights into emerging trends and innovations transforming the manufacturing landscape.

Collaborate: Engage with like-minded professionals and explore partnerships.

Inspire: Take away actionable strategies to drive growth and resilience in your organization.

A. Brand Recognition Opportunities at the event

Being a much sought-after event, the platform provides great mileage and excellent opportunity for companies to be visible and get brand recognition through various sponsorship opportunities. As a sponsor, your organization will receive unparalleled exposure. ***Please refer to the sponsorship chart overleaf with benefits to choose from and confirm your option of the category your brand would like to be associated with.***

Please note that the sponsorship opportunities are limited, and delegate registrations will be accepted on a first-come, first-served basis. Please do confirm your sponsorship category through email to Raginee.singh@acma.in or call her at +91 9999197693.

B. Participation as Delegates

Companies can nominate delegates to attend the ACMA Excellence Awards and 10th Technology Summit 2025. Delegates will have access to an array of engaging sessions, panel discussions, and presentations by industry experts, providing valuable insights into the latest trends, emerging technologies, and best practices.

To help defray administrative expenses, a nominal delegate fee will be charged as follows:

- Rs. 4,500/- + GST for ACMA Members
- Rs. 5,500/- + GST for non-members

A 10% discount is available for companies nominating five or more delegates.

C. ACMA Excellence Award 2024 Applicants and Winners

ACMA Excellence Awards 2024 applicants are eligible for complimentary registration for one participant per submitted application. Additionally, award winners are entitled to nominate Four additional participants per winner category for complimentary registration.

Link for Registration: <https://forms.gle/ngVJAVr7iTRnu84t5>

D. How to Get Involved

Should you have any questions or need further details on the event, registration, or sponsorship opportunities, please contact Ms. Raginee Singh, Director, ACMA, at raginee.singh@acma.in, or call +91 9999197693.

We encourage you to confirm your participation as soon as possible to secure your preferred sponsorship package and delegate seats.

We look forward to welcoming you to this transformative event on 4th March 2025. Thank you for your attention, and we hope to see you there.

59th ACMA Excellence Awards & 10th Technology Summit 2025

CATEGORY (1): Cluster & Program Linked Sponsorship Opportunity

S. No.	Deliverables Benefits to Sponsoring Partners	Titanium Partner	Platinum Partner	Diamond Partner	Gold Partner	Silver Partner	Bronze Partner
		Rs. 18 Lakh	Rs. 15 Lakh	Rs. 10 Lakh	Rs. 8 Lakh	Rs. 6 Lakh	Rs. 3 Lakh
1.	<p>Get fee discount by joining cluster program/individual company Projects (cluster / program enrolment with effect from Dec, 2024 till March, 2026</p> <p><i>a. Companies enrolling for ACMA/ AMF cluster / programs during period starting from Dec,24 – 31st March,26 will stand eligible to gain cluster enrolment discount, which can be used by company a) up to 50 % or 1st phase part payment of cluster / program fees, whichever is less. Companies can avail total discount amount by joining multiple programs before March 2026. Offer for the discount validity ends on 31st March 2026.</i></p> <p><i>b. The cluster / program fee discount mentioned as per category (1) of individual title/ categories of sponsorship is not applicable for GOI supported programs such as ACMA- UNIDO programs/ MSME Ministry Linked Programs etc.</i></p>	Discount 8 lakh on ACMA Cluster / Program Fees	Discount 5 lakh on ACMA Cluster / Program Fees	Discount 4 lakh on ACMA Cluster / Program Fees	Discount 3 lakh on ACMA Cluster / Program Fees	Discount 2 lakh on ACMA Cluster / Program Fees	Discount 0.5 lakh on ACMA Cluster / Program Fees
2.	Social Media display – success story	Yes	Yes	Yes	-	-	-
3.	60 Second corporate film screen play	Yes	Yes	Yes	-	-	-
4.	Company Name /Logo on event banner	Yes	Yes	Yes	Yes	-	-
5.	Display of Company Name & Logo on the Landing Page of event & side wings of the Stage screen backdrop	Yes	Yes	Yes	Yes	Yes	-
6.	Company Branding in e-documentation pack/ Session e-compendium, and article in newsletter of CoE (SAKSHAM SAMVAD and IMPACT)	Yes	Yes	Yes	-	-	-
7.	Custom Integration (Custom message or segments during the event)	Yes	Yes	-	-	-	-
8.	Complimentary delegate registrations	10	9	7	5	4	2

CATEGORY (2): IN KIND SPONSORS

S. No.	Deliverables Benefits to Sponsoring Partners	Venue Partner	Lunch Partner	Dinner Partner	Dock Pack Sponsor	Hydration Partner	Green Corridor Sponsor	Publication Partner
		Rs. 7 Lakh	Rs. 6 Lakh	Rs. 5 Lakh	Rs. 4 Lakh	Rs. 3 Lakh	Rs. 2 Lakh	Rs. 1 Lakh
1.	Screening company promotional film of 60 seconds during Session Breaks, start & at the end of an event	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2.	Display of Company Name /Logo on event banners at prominent locations	Yes	Yes	Yes	Yes	Yes	Yes	-
3.	Display of Company Name & Logo on the Landing Page of event & side wings of the Stage screen backdrop	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.	Live Social Media Coverage the sponsor in live social media posts, stories, and videos from the event, tagging them for added visibility to audience.	Yes	Yes	Yes	Yes	Yes	Yes	-
5.	Company Branding in e-documentation pack/ Session e-compendium, and article in newsletter of CoE (SAKSHAM SAMVAD & IMPACT)	Yes	Yes	Yes	Yes	-	-	-
6.	20 sec Media clip/messages from company CEO/Corporate Advertisement on ACMA/ AMF social media platform(s)	Yes (2 media clips)	Yes (2 media clips)	Yes (1 media clips)	Yes (1 media clips)	-	-	-
7.	Complimentary delegate registrations for the summit	14	12	10	8	6	4	2

CATEGORY (3): PODCAST SPONSOR (INR 15 Lakhs)

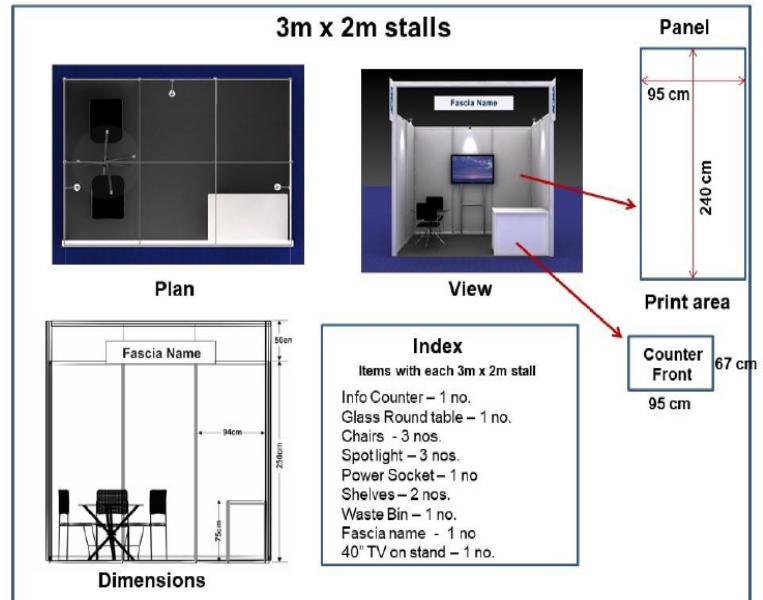
Benefits	Description
Exclusive podcast title sponsorship	The partner's name will be integrated into the podcast title or tagline
High-Frequency Mentions	Partner is mentioned at the start, middle, and end of every episode with a custom message and a call-to-action (CTA) tailored to the partner's brand.
Custom Ad Spots	Longer, unique ad spots (60-90 seconds) featuring custom messaging or storytelling that aligns with both the podcast and partner's goals.
Collaborative Episode Content	Dedicated segments where the partner can share expertise or discuss industry-relevant content, or even an entire episode featuring their brand.
Guest Appearance Opportunities	Opportunity for a representative from the partner company to appear as a guest, contributing valuable content and showcasing the brand authentically.
Social Media Campaign Integration	Co-branded social media campaigns on both the podcasts and partner's platforms (01 no).
Logo on All Podcast Art	Prominent logo placement on 6 podcast cover art, episode images, and promotional graphics on podcast channel. (03 Podcast)
Website & Podcast Page Promotion	Featured on the homepage and sponsor page of the podcast channel, with a direct link to the partner's website.
Podcast in association with	Sponsor will appear as "Pod Cast – In Association with" during (03) live podcast events or webinars, with logo presence
Summit Branding	Branding at Summit Venue along with PODCAST Branding

- Sponsoring podcast partner will get high level of visibility, direct integration into the content, and the chance to shape the listener experience.
- Podcast 1st episode will be tentatively launched in Mar/ April 2025.

CATEGORY (4): STALL SPONSOR

PRIME EXHIBITOR Rs. 3 Lakh

Benefits	Description
Prime Booth Placement	High-traffic booth space near event entrances, breakout sessions, or food areas to maximize visibility.
Space 3 x 2 for Branded Booth Setup	Sponsor to customize the booth design with their logos, colours, and branding elements for strong visual impact.
Product & Service Showcases	Provide space for the sponsor to showcase their products, services, and marketing materials
Branded Giveaways	Featured branding inside the compendium of summit dock pack to increase brand recall.
Audience Engagement	Sponsor to run interactive activities, such as games or prize draws, that draw attendees to the booth and provide memorable interactions.
Exclusive Branding on Attendee Materials	Logos on lanyards or event programs that all attendees receive, enhancing exposure.



For Brand Promotion - Contact

Raginee Singh +91 9999197693 raginee.singh@acma.in
Pallavi Gosavi + 91 8308964921 pallavi.gosavi@acmamf.in

The DEI Intervention

An Initiative towards Diversity, Equity & Inclusiveness (DEI)

Unexpected Value

Unique Feature of DEI Cluster

DEI Expert / Counsellor visit to the company's premises followed by the Mentors (DEI Doctor's) Review

Model plant visits for enhanced learnings (3 plants)

Trainings, project implementation, support for DEI policy drafting.

Quarterly review meetings and Cross Learnings within cluster companies.

Hand Holding & Post cluster AMF will extend support for its expert intervention as needed

All relevant course material as per road map topics will be provided in soft form to company to enable in-house training across the company / plant.



ACMA
Mobility Foundation

**Technology and Industrial Competitiveness
(Pillar 3)**

6th Floor, The Capital Court, Olof Palme Marg,
Munirka, New Delhi - 110 067, India
Tel: + 91-11-43520361-64

? WHY DO WE NEED TO IMPLEMENT DEI BASED POLICIES

Customer's reaction on non-implementation of DEI framework.

Many Original Equipment Manufacturers (OEMs) and Tier-1 suppliers have adopted strict DEI benchmarks in their supplier evaluation processes. Suppliers failing to demonstrate DEI initiatives may be disqualified from contracts.

OEMs often align with globally recognized standards (e.g., ISO certifications, ESG frameworks) that prioritize DEI. A lack of DEI compliance could lead to suppliers being dropped from preferred vendor lists.

Government of India promoting various initiatives to encourage industry to adopt wide scale Diversity and Inclusiveness.

ACMA, MF intention to be one of its kind a first Foundation to promote Guide and handhold companies through this unique initiative.

Global Market Demands

Automotive markets in regions like the EU and North America prioritize DEI and sustainability. Suppliers without these frameworks risk losing access to these markets.

Companies who implement DEI may be seen as more progressive and aligned with customer priorities, making them more attractive partners.

SDP (Sustainable Development Goals), DEI principles tied to the following SDGs:

- SDG 5 - Gender Equality
- SDG 10 - Reduced Inequalities
- SDG 8 - Decent Work and Economic Growth
- SDG 16 - Peace, Justice, and Strong Institutions

The Purpose for DEI Intervention

Reframing of companies Recruitment & Hiring Policy : Implement practices that attract, retain and groom diverse talent. Foster Creativity to breed Innovative work culture

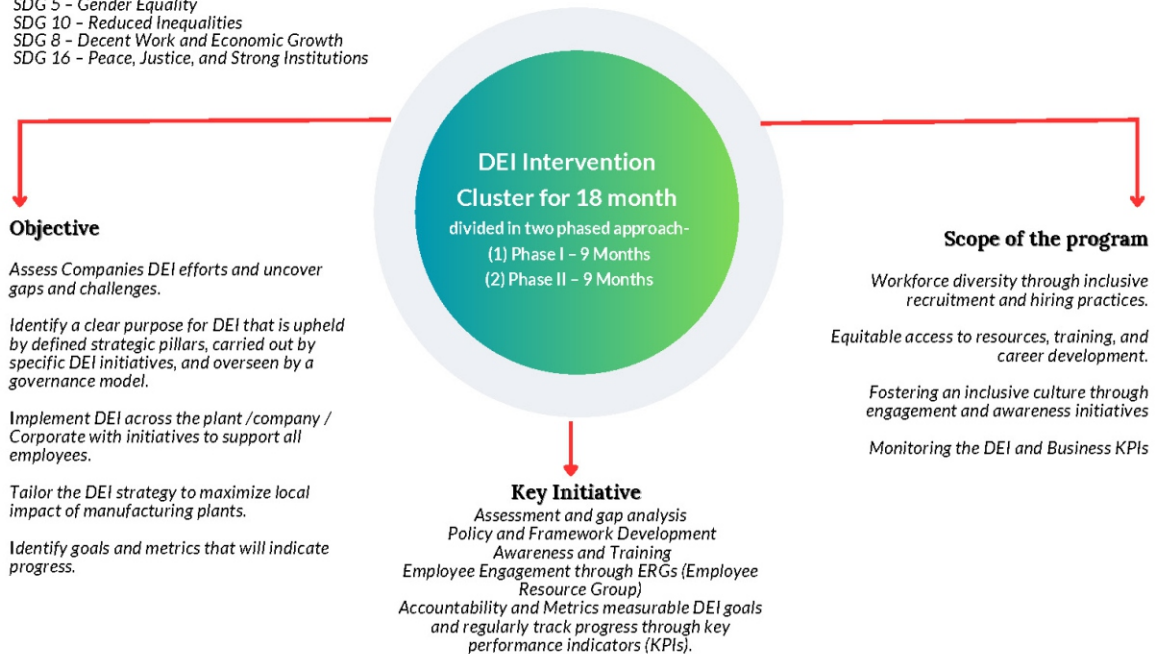
Crafting Training & Development : DEI training to build awareness and reduce unconscious bias.

Setting up Fair and Just Feedback Mechanisms: Establish safe channels for employees to voice concerns and provide suggestions to feel them Safe , Respected and Connected.

Standard Operating Procedure: Track DEI metrics and share progress through regular reports.

Improved Business Performance : Thriving to achieve Excellence

When we are delivering DEI cluster, one of the first questions we ask company is, "What are the unique needs of your workforce, and how can we tailor DEI content to address them effectively. Explore the possibilities through cross learning mechanism , the interventions of ACMA experts will explore ideas , conceptualize and hand-hold implementation of DEI initiative. Expert lectures and Guidance , Visits to industries ahead in DEI initiatives.



Approach towards DEI Intervention in cluster	Methodology to Kick Start	Deliverables
<ul style="list-style-type: none"> Assess Companies DEI efforts and uncover gaps and challenges. Identify a clear purpose for DEI that is upheld by defined strategic pillars, carried out by specific DEI initiatives, and overseen by a governance model. Implement DEI across the plant /company / Corporate with initiatives to support all employees. Tailored DEI strategy to maximize local impact of manufacturing plants. Identify goals and metrics that will indicate progress. 	<ul style="list-style-type: none"> The AMF Cluster clustering is the grouping of companies pan India under common topic of program in this case (cluster program for DEI). The cluster program is unique concept of AMF where our experts deliver training and implementing program across the companies located in different regions and removing duplication of underpinning knowledge and skills. Encouraging Cross learning through quarterly review approach, where once in a three-month status review of program and benefits drawn is presented by companies in the premises of cluster companies one by one on rotational basis. Checks and balances throughout the program and involvement of top management for feedback and inputs. 	<ul style="list-style-type: none"> Helping to create legally aligned framework /policy on DEI Designing and implementing SOPs for DEI strategy and policy implementation DEI - Company's self-assessment checklist / toolbox Accountability matrix to implement DEI Compliance with Regulations and Standards

FOR PROGRAM DETAIL & TO REGISTER WRITE TO

DEI efforts are no longer a "nice to have," but a "must-have" component for attracting and retaining talent, strengthening relationships with customers and stakeholders, and achieving long-term success.

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sangeeta.sharma@acmamf.in



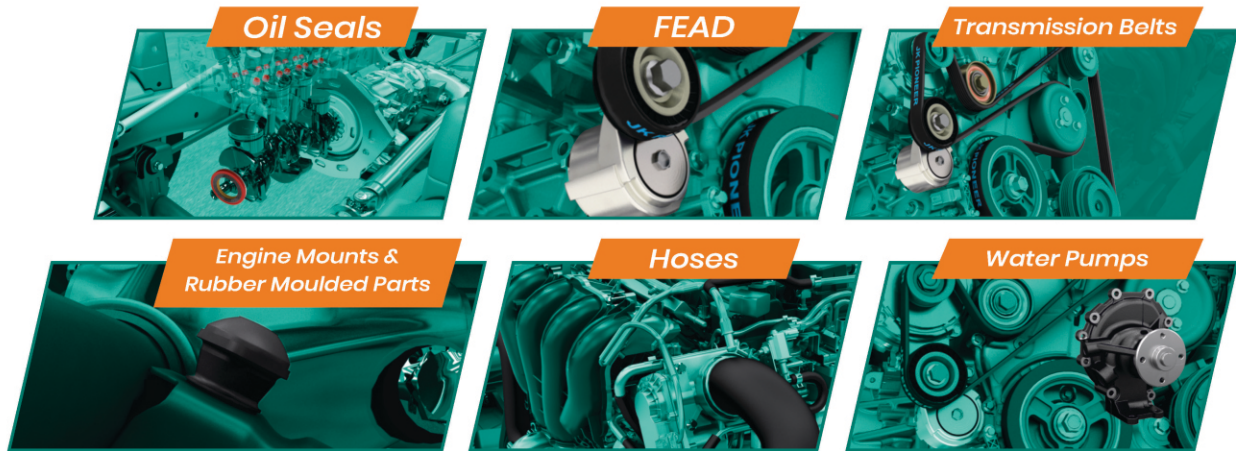
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APPLICATIONS



Engines



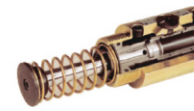
Transmission



Wheel End



Steering



Shock Absorber

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A large, stylized graphic featuring a central yellow banner with a 3D effect. The banner is surrounded by various colorful geometric shapes, including triangles and squares in shades of orange, red, teal, and blue. The overall design is modern and celebratory.

Celebrating Success: Milestones of AMF Programs



ACMA Turnaround (WOW) Project for Stumpp Schuele & Somappa Springs Pvt. Ltd., Sohna

TEAM MEMBERS



Mr. P. Thirumal
VP-Operations & Program Leader, SSS Springs



Mr. Dinesh Vedpathak
CEO - Technology and Industrial Competitiveness & Program Mentor, ACMA



Mr. Girish Govande
Head - Supply Chain Engagement & Program Counselor, AMF

ACMA WOW Project Launch



Roadmap & strategy for overall improvement

1. The ACMA Turnaround WOW project, launched on 17th March 2023, was successfully completed in September 2024.
2. VSM Re-layout for each cell to make lean line.
3. Automation at lean line to flow the material to next operation.
4. Space saving with relay outting of lean manufacturing line
5. Manpower saving to implement the automation.
6. Next gen machine installed to improve the Quality/Productivity/Safety.
7. IOT implemented for 25% of first operation winding machine. Rest will be completed by Dec'24. Total identified 45 machine to implement IOT till date completed for 12 machines
8. IOT planned for measuring instrument also by Dec'24.
9. ESG carbon footprint data collection started,
10. Improvement in material handling by removing the pallets & putting the conveyor
11. Online packing & packaging @ each cell
12. Training given to the person @ DOJO Room
13. Implemented the QR code for traceability & identification & correct qty also
14. Re designing the final inspection stations with required lux level & control of non confirming products
15. Improving the floor by epoxy coating to improve dust condition

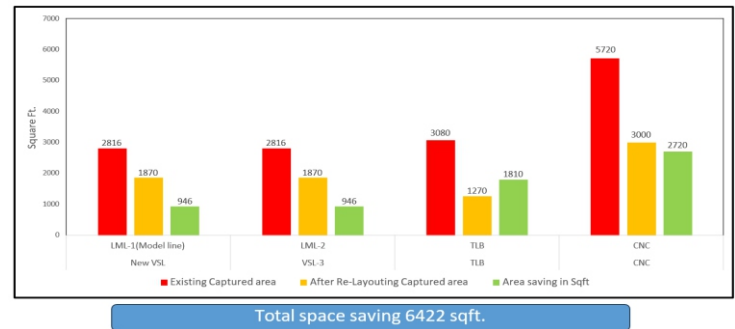
Condition of shop floor Before WOW project started



Condition of shop floor After journey of WOW project



Area saving through Re-Laying out



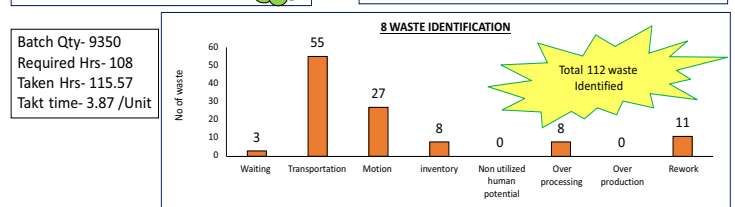
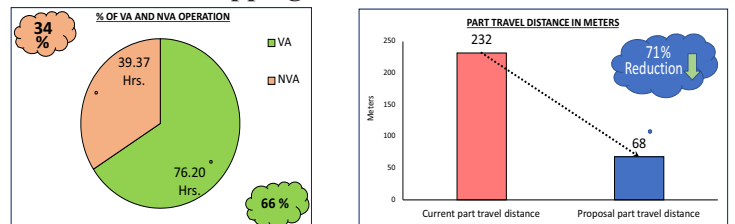
Top view of plant



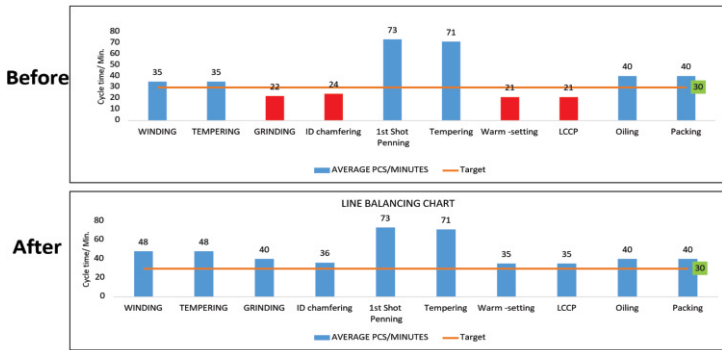
Before

After

Value Stream Mapping



Line Balancing



Before



TLB Line Before Modification
Covered Area (35x88)=3080sqft

After



TLB Line After Modification
Covered Area (22x85)=1870 Sqft
Area Saved-1270sqft

Before



LML-1 Line Before Modification
Covered Area (32x88) = 2816 Sqft

After



LML-1 Line After Modification
Covered Area (22x85) = 1870 Sqft
Area Saved-946sqft

Before



Vacated Area Not In Use

After



LML-2 Line After Modification
Covered Area (22x85)=1870 Sqft
Area Saved-946sqft

New Machines Overview

Existing Machine



In existing machine, parts fallen down on conveyor belt due to backlash effect.

Upgraded Machine



BENEFITS:

Aesthetics and Ergonomics improvements. Machine program has been updated, and backlash phenomena is eliminated. Machine will run smoothly without vibration. Guided pins is provided with pick and drop catcher system to avoid springs fallen down on conveyor belt.

Before



Grinding plate loading manual

After



Grinding plate loading through Jib crane

Reward & Recognition of staff



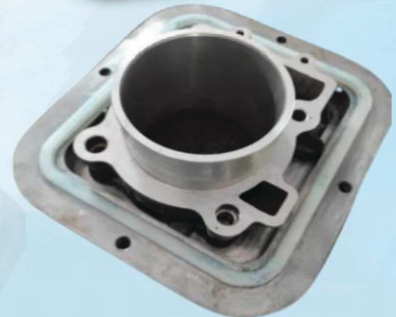


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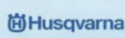
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Website: www.aippistons.com



ACMA Turnaround (WOW) Project for Pushkar Techno, Jamshedpur

TEAM MEMBERS



Mr. Amit Roy
Managing Director
Pushkar Techno



Mr. Sunil Mutha
Dy. CEO
ACMA



Mr. Anupam Dass
Dy. Principal Counselor
ACMA

Before



Production office on shop floor no available

After



Dedicated Production office for shop floor Supervisors

ACMA WOW Project Launch



Breakthrough Achievements

1. QCC Project 1- Elimination of Paint peel off 100%.
2. QCC Project 2- FIFO maintain at Raw material storage area.
3. QCC Project 3- Elimination of wrong part assemblies in Cross member 100%.
4. QCC Project 4- Reduction of Compressed air leakage by 63%.
5. Plant Pneumatic Pressure system reduce down from 7.2 bar to 6.5 bar
6. Implementation of Digital Planning Platform (Factory Net)

Before



No proper gangway
No Jogging Track

After



Gangway Created
Jogging Track Created

Before



Lux level low below 200lux

After



Lux level above 300lux



Before



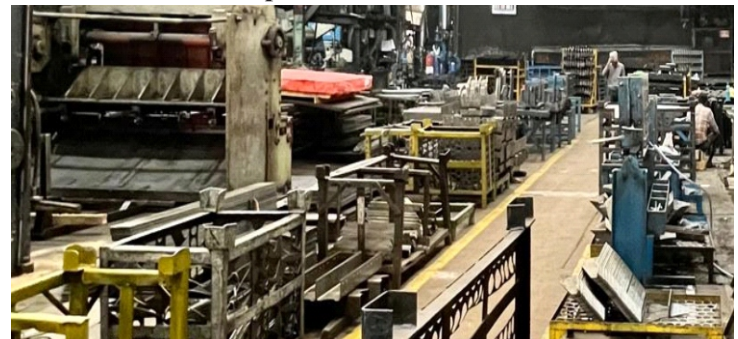
Unpainted Shed
Area blocked with bins/pallets

After



Newly Painted Shed
Bin & Pallets storage stopped

No Material On Shopfloor



- No material on shopfloor drive was run across the plan
- 95% adherence achieved by Dec 2023
- Storage and material Handling improved leading Zero Rejection of Painted Material



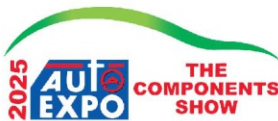
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ACMA Quality System Adherence Program for JK Fenner, Sriperumbudur

TEAM MEMBERS



Mr. Dinesh Vedpathak
CEO - Technology and
Industrial Competitiveness &
Program Mentor, ACMA



Mr. Sunil Mutha
Dy. CEO, ACMA



Mr. V. K. Sharma
Mentor - Clusters & Projects
AMF



Mr. Arup Kumar Basu
Expert Cluster Program
AMF



Mr. Krishnan Nagarajan
General Manager
Chennai Plant Operations
JK Fenner



Mr. B. Nateshkumar
Deputy General Manager
Quality Assurance
JK Fenner

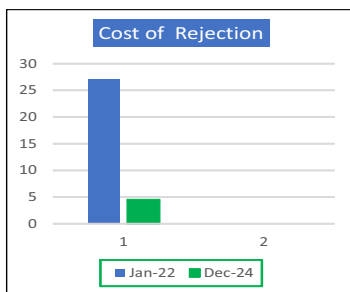
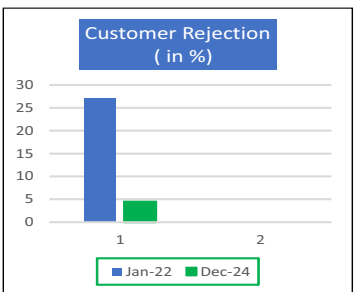
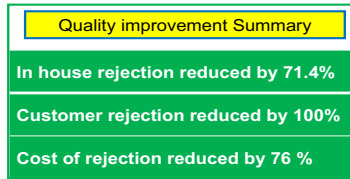
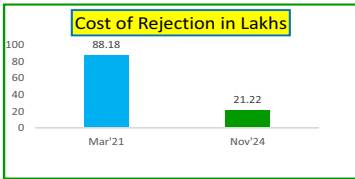
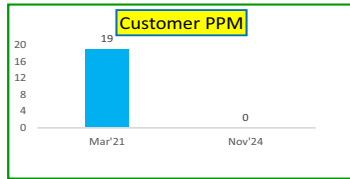
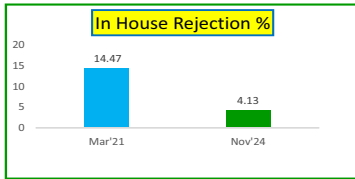


Mr. A Narender Babu
Head Process Excellence
JK Fenner

Team's Performance / Inputs Summary

Actions includes all the road map's topics	Total no of improvement actions	Total no of Significant improvement actions
Identified	40,115	478
Implemented	38,059	461

Quality improvement



Summary - DRVME

S.no	Description	Remarks
1.	Total no of defects	25
2.	Total no of DRVME prepared	25
3.	Total no of action identified	180
4.	Total no of action implemented	180

Nos Defects	No. of DRVMs Prepared	Master Pert Chart Prepared	Pert Chart Created	TTC Monitored daily	Defects Killed	Defects Trend Positive	Defects Trend negative	Defects Trend Not Stabilized
25	25	1	25	25	14	4	0	7

Summary - QCC

S.no	Description	In nos
1.	Total No of manpower	156
2.	No of QC group made	33
3.	Total Defect Assigned	77
4.	No of actions Identified	143
5.	No of Actions Implemented	130
6.	Nos of defects / Rejections % improved	30%

SUMMARY - De Skilling

S.no	Description	In nos
1.	Total no of processes.	14
2.	No of Desking sheet made.	14
3.	No of desking identified.	37
4.	No of actions identified.	41
5.	No of actions implemented.	37

SUMMARY - Ergonomics

S.no	Description	In nos
1.	Total no of processes.	14
2.	No of process mapped	14
3.	Total abnormality observed	58
4.	No of actions identified.	14
5.	No of actions implemented.	14

Remarks

Only significant observation are given priority, action identified on significant * 14 significant had given priority

SUMMARY - 5 Senses Abnormalities Killing

S.no	Description	In nos
1.	Total No of Manpower	430
2.	Abnormalities Killing Target	55,900
3.	No of abnormalities Captured	39,627
4.	No of abnormalities Killed	37,598
5.	Pending (to be killed by next 2 months)	2029



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ACMA Special Program on Advanced Lean Implementation for Sadhu Forging (Gear Division), Faridabad

TEAM MEMBERS



Mr. Manjit Singh
Plant Head, Sadhu Forging



Mr. Sunil Mutha
Dy. CEO, ACMA & Program Mentor



Mr. Rajiv Khanna
Expert Cluster and Program, AMF & Program Counselor

Before

1. No. of cutting egde = 2.
2. Insert cost = 3060 Rs.
3. Life of insert/ corner = 90 pieces.
4. CPC= 17 Rs.

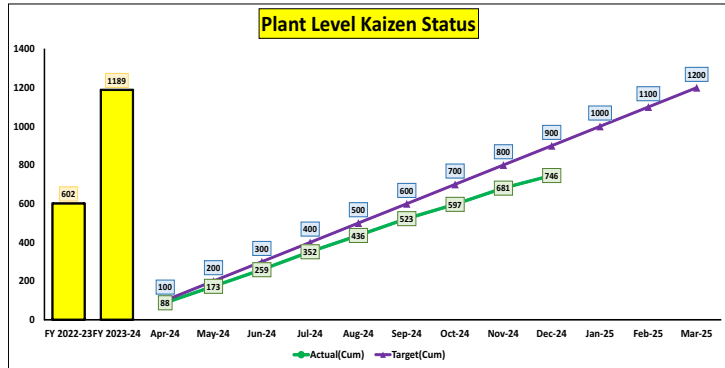
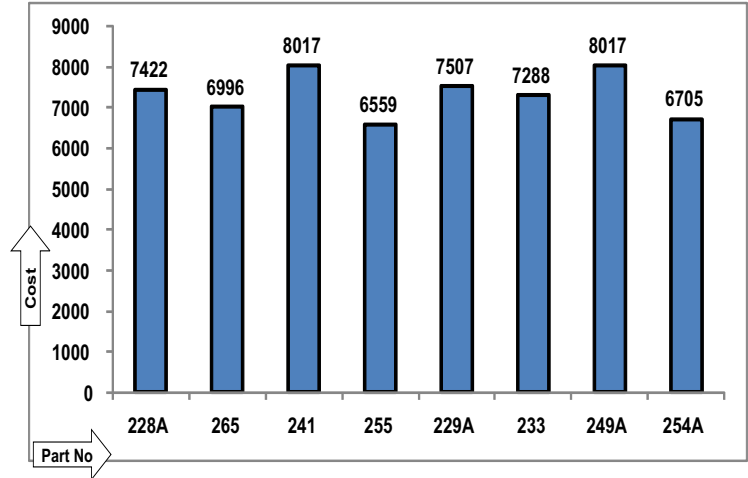
After

1. No. of cutting edge = 4.
2. Insert cost = 2300 Rs.
3. Life of insert/ corner = 90 pieces.
4. CPC = 6.4 Rs.

Daily Review Meeting



Cost Saving Partwise



Description	Unit of Measurement	Before	After
5 S Score	%	32	70
Undesirable Habits Score	%	45	70
Undesirable Practices Score	%	48	70
Wet to Dry Score	%	49	68
Must be Facilities	%	30	75
Involvement of workers in Quality Circles	%	0	25
Involvement of workers in Suggestions	%	0	100
Involvement of staff in Kaizens	%	5	89
SMED	in Minutes	180	90
Other Significant Improvements			
Cost saving of Rs 1 Crores in 2 years (Pay back Period 150 days)			
Received Silver Trophy in the year 2023 for improving 100 % Productivity on Kubota Line From Customer Kubota faridabad			
Received Gold Trophy in the year 2024 for improving 100 % Productivity on Kubota Line From Customer Kubota faridabad			
Productivity Improvement by 25 %			

Before



1. Single part loading fixture at hobbing
2. Low productivity
3. Fixture is designed for single part loading.
4. Productivity is 8 Nos/ hour.

After



1. Provide the two part loading fixture
2. Increase productivity
3. Fixture is deigned for 2 part loading at a time.
4. Productivity is 12 Nos./hour

Reward & Recognition of Staff



ACMA Special Program for Lean Introduction for Jamna Auto Industries Ltd., Jamshedpur

TEAM MEMBERS



Mr. Sudheer Chandele
Plant Head
Jamuna Auto Industries,
Jamshedpur

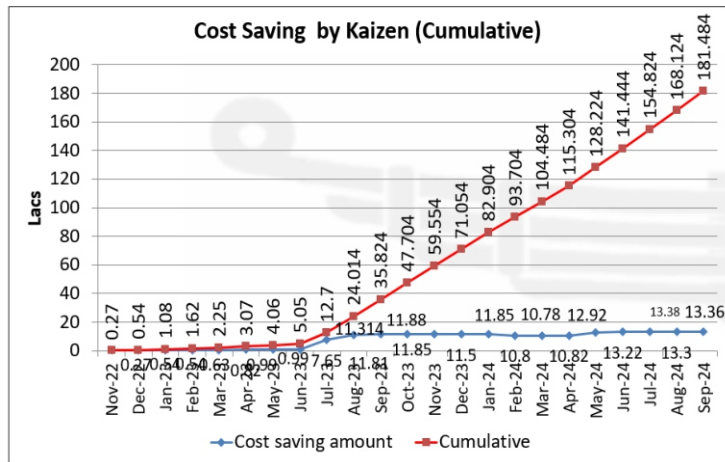
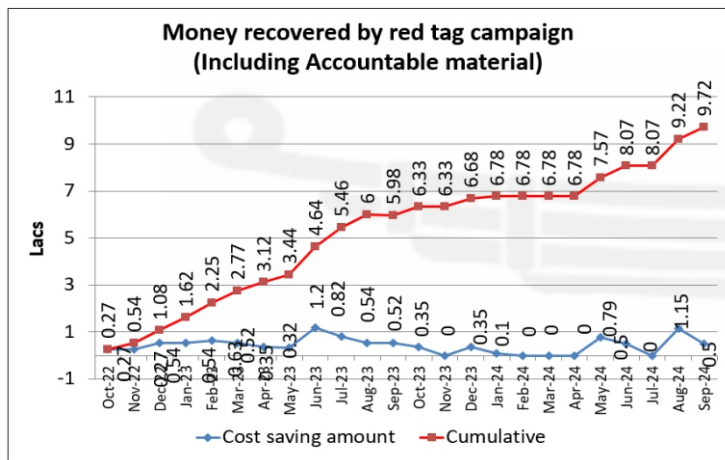


Mr. Sunil Mutha
Dy. CEO, ACMA &
Program Mentor



Mr. Rajiv Khanna
Expert Cluster and Program, AMF &
Program Counselor

Red Tag Campaign



WIP Reduction

S.N.	Description	Unit of Measure	Before	After
1	5 S Score	%	40	75
2	Undesirable Habits Score	%	58	95
3	Undesirable Practices Score	%	70	96
4	Wet to Dry Score	%	39	75
5	Must be Facilities	%	55	90
6	Involvement of workers in Quality Circles	%	0	84
7	Involvement of workers in Suggestions	%	0	55
8	Involvement of staff in Kaizens	%	20	70
9	SMED	in Minutes	25	9
Other Significant Improvements				
1	Cost saving of Rs 2 Crores in 2 years (Pay back Period 75 days)			
2	Space Saving of 2000 Square Meters			
3	Received Best Kaizen award on Safety from ACMA Eastern Region			
4	Productivity Improvement by 25 %			
5	Overall Inventory reduced from 2782 tons to 1551 tons (44 % Reduction)			

Quality Circles

- Total no of Workers (Including Contractuals):-400nos
- No of Quality Circles :57nos
- No of Workers involved in Quality Circles:363 nos
- % Workers involved in Quality Circles: 84%
- No of Quality circles for Productivity Improvements:2 nos
- No of Quality Circles for Quality Improvements:23 nos
- No of Quality Circles for Safety and Environment improvements: 4 no
- No of Quality circles for Cost reduction: 6 nos
- No of Quality circles for Productivity 10 nos
- **Total Cost saving due to Quality Circles: Rs. 2,52,000.00**

Achievements

- Reduction in FG, WIP and Raw Material in terms of tons and Value
- Cost saving
- Rejection and rework reduction
- Productivity Improvement
- Energy saving
- Consumables saving
- Customer and In-house defects reduction
- Material movement Saving
- Reduction in Accidents
- Morale of workers and staff

Reward & Recognition of Staff



ACMA Special Program for Lean Introduction for JAI Suspension Systems Pvt Ltd, Pantnagar

TEAM MEMBERS



Mr. Sanjay Kapoor
Plant Head
JAI Suspension Systems Pvt Ltd,
Pantnagar



Mr. Sunil Mutha
Dy. CEO, ACMA &
Program Mentor



Mr. Rajiv Khanna
Expert Cluster and Program, AMF &
Program Counselor

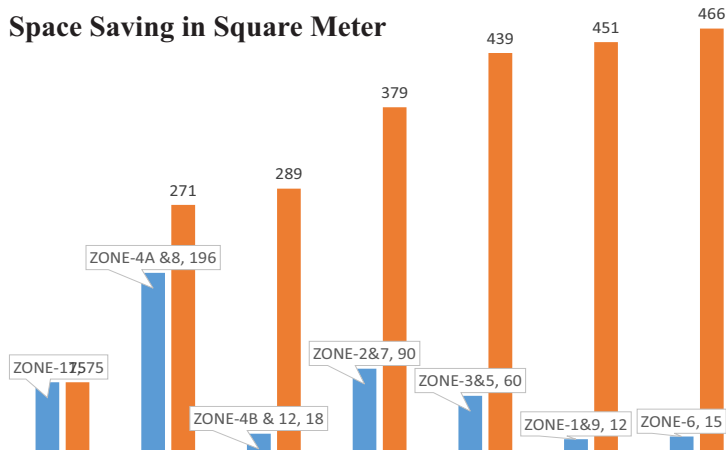
ACMA is the platform that makes industries aware of improving Efficiency, Cutting down on wastage, Optimizing production times, Encouraging innovation & Looking for process improvements opportunities.

ACMA has evaluated our business and gave us new ideas for process improvements & skill development which has opened new opportunities and enabled us to work towards continuous improvement and I am thankful to Mr. Sunil Mutha and Mr. Rajiv Khanna for support and guidance.

- Sanjay Kapoor

S.N.	Description	Unit of Measurement	Before	After
1	5 S Score	%	50	80
2	Undesirable Habits Score	%	47	94
3	Undesirable Practices Score	%	74	92
4	Wet to Dry Score	%	47	82
5	Must be Facilities	%	38	76
6	Involvement of workers in Quality Circles	%	0	90
7	Involvement of workers in Suggestions	%	0	90
8	Involvement of staff in Kaizens	%	20	100
9	SMED	in Minutes	12	1
Other Significant Improvements				
1	Cost saving of Rs 80 lacs in two years (Pay back Period 180 days)			
2	Space Saving of 500 Square Meters			
3	Received Best Kaizen award from TATA Motors			
4	Productivity Improvement by 65 %			
5	Overall Inventory reduced from 2600 tons to 1200 tons (54 % Reduction)			

Space Saving in Square Meter



Before



Problem : Not make proper arrangement of scrap & disposal frequency

After



Outcome : Made proper arrangement of scrap & disposal frequency

Before



No proper arrangement for keeping the damper during dispatch

After



Now we have made a trolley for keeping the damper during dispatch

Before



No Single Piece Flow
Productivity increased

After



Single Piece Flow,
Next process run proper

Reward & Recognition of Staff



ACMA Maintenance & Engineering Program Wheels India Limited, Rampur

TEAM MEMBERS



Mr. G. Mohankrishna
VP & Plant Head
Wheels India Ltd., Rampur



Mr. V. K. Sharma
Mentor - Clusters & Projects, AMF
& Program Mentor

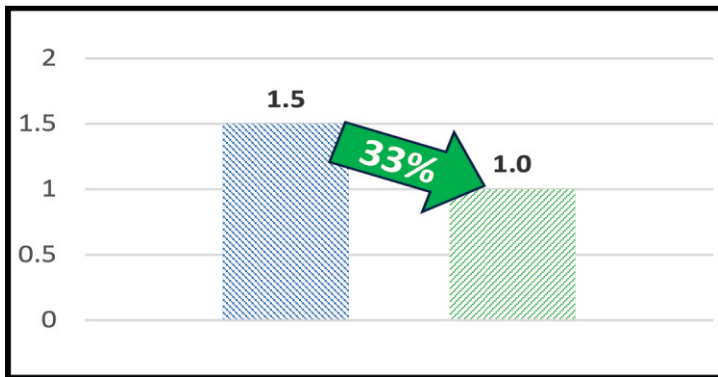


Mr. Pankaj Mathur
Asst. Principal Counselor, AMF &
Program Counselor

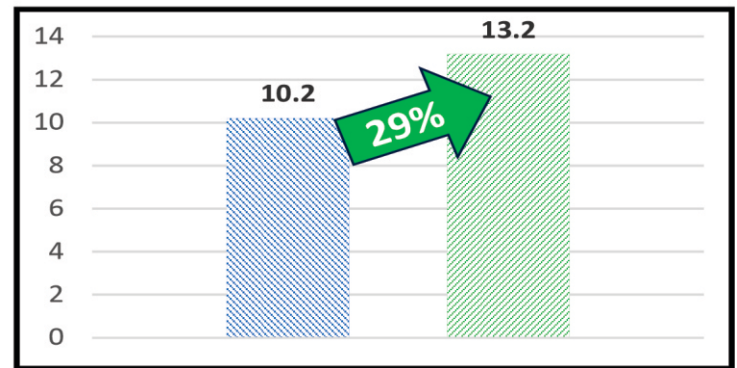
The auto components Industry is constantly demanding to remain competitive. ACMA's customized programs are very useful for organizations to enhance performance to meet the competitive requirements. ACMA's Maintenance & Engineering program is one such program which helps to identify the critical areas which would be identified to reduce the gap. This helped us to identify and de-risk to ensure that the operations run smoothly to achieve desired results and meet customer expectations. The module of training by skilled experts is always been fruitful.

- G. Mohankrishna

MTTR



MTBF



Major Benefits Achieved

S.N.	Description	Unit	Benefits
1	Reduction in Machine Breakdowns	%	17
2	Sales Capacity Generated	(Cr)	9.5
3	MTTR Reduction	%	33
4	MTBF Improvement	%	29
5	Cost Savings	(Cr)	1.73

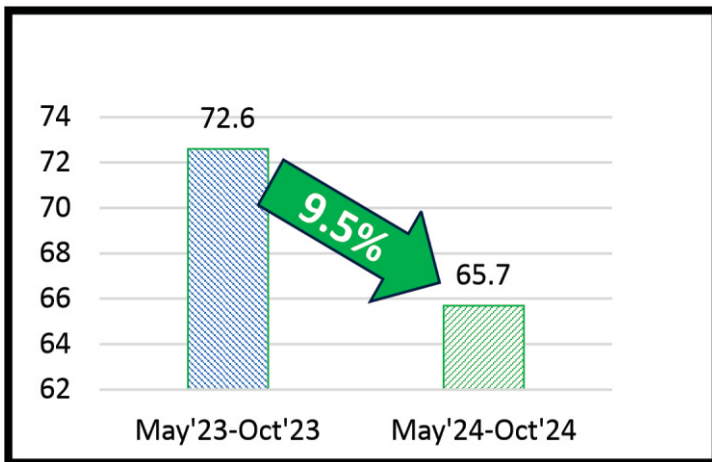
Overall Savings ₹ 1.73 Cr

Major Achievements through ACMA Maintenance & Engineering Program:

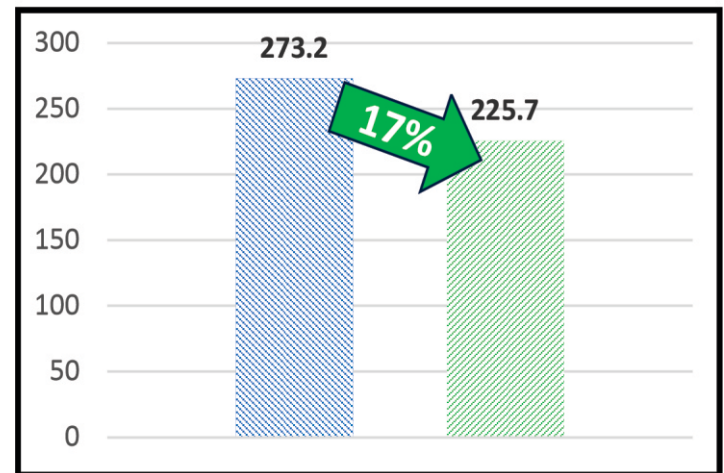
- ➔ Compressed air consumption cost reduced by Rs. 29.5 Lacs P.A.
- ➔ Hydraulic Oil consumption reduced by 34.8 Lacs P.A.
- ➔ Energy consumption reduced from Average Rs.72.6/Wheels to Rs.65.7/Wheel
- ➔ Machine Downtime Reduced by 47 Hrs./Month.
- ➔ MTTR Reduced by 33%
- ➔ MTBF Improved by 29%
- ➔ Machine Breakdowns Reduced by 17%.



Energy Cost (Rs./Wheel)



BREAK DOWN HRS.



Coolant Management System Re-Engineered to enhance Quality and save coolant

ACMA Zero Defect Quality Cluster Program - 2

TEAM MEMBERS



Mr. Sunil Mutha
Dy. CEO, ACMA & Program Mentor



Mr. Arup Kumar Basu
Expert Cluster Program, AMF & Program Counselor



Mr. Ashok Havanurkar
Expert Cluster Program, AMF & Program Counselor

Overall Feedback Rating

96%

Total Savings

₹ 6.62 Cr.

Participated companies in ZDQ Cluster Program - 2

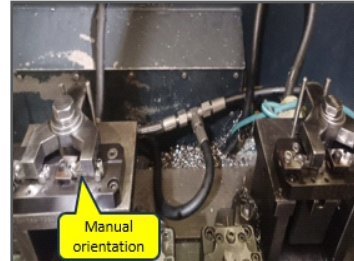
- 1) Sansera Engineering Ltd plant 2, Bengaluru
- 2) JKFenner India Ltd, Hyderabad
- 3) DANA Anand India Pvt Ltd., Pune
- 4) Kusalava International Limited, Vijayawada
- 5) Sansera Engineering plant 7, Bengaluru
- 6) MT Autocraft Unit-7, BAROTIWALA, Dist. Solan, (H.P)

Executive Summary

ZDQ Cluster Program - 2 has overall placed excellent results. Following are the cumulative gains achieved by the companies-

Topics	Results Achieved
Total actions implemented	127401
Total significant actions implemented	1906
Nos of Documents/ Manual/ SOP/ check sheet / Format prepared	79
Cost savings in Rs in Cr	6.62
Inhouse rejection PPM improvement %	47
Customer PPM Improvement %	78
Nos of Defects killed in Nos or in Possitive trends	886
Undesireable habit Improvement %	61
Undesireable habit Improvement %	56
IS of Machine rating Improvement %	41
De skilling :Total nos of activities deskilled	64
Star diagram : Total nos of storage location eliminated	320
QA and QC concept implemented in nos of functions	23
Five senses abnormalities killed nos	88190
Total Training imperted in Man Hrs	17653
Eargonomics : Nos of Actions implemented	57
AGIP : Nos of Actions implemented	87
CTC & CTQ parameteres reviwed	179
CRV actions implemented	64

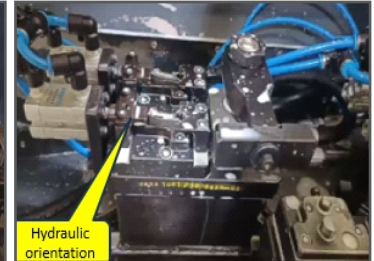
Before



Manual orientation

Issue : Main boss center cross.
Observation : Manual orientation & Hydraulic clamping.
Before : 32000 PPM

After



Hydraulic orientation

Action : Pneumatic orientation & Hydraulic clamping introduced
Benefit : Main boss center cross rejection eliminated.
After : 0 PPM

Before



Analog Air gauge

Issue : Bearing hole dia undersize / Oversize.
Observation : Analog gauge setting error (Parallax error)
Before : 5500 PPM

After



Digital Air gauge

Action : Digital gauge introduced.
Benefit : Analog gauge setting error eliminated & Compressor air consumption cost saved.
After : 1300 PPM

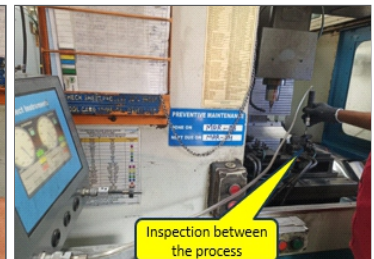
Before



Inspection after process

Issue : Bearing hole dia undersize / Oversize.
Observation : Component taken out from fixture & Adjust the process result oversize / Undersize during insert index.
Before : 5500 PPM

After



Inspection between the process

Action : Gauge with extension pipe provided. Without De-clamp operator can check the dia and adjust the process.
Benefit : Process adjustment on the machine can be done.
After : 1300 PPM

ACMA CBAM Reporting Program for India Forge and Drop Stampings Limited, Faridabad & Rudrapur

TEAM MEMBERS



Mr. Vayam Tiwar
Deputy Manager-QMS
India Forge



Mr. Sachin Moralwar
Leader - AMF Sustainability Solutions
& Program Mentor



Mr. Abhinav Rastogi
Dy. Director, ACMA &
Program Counselor

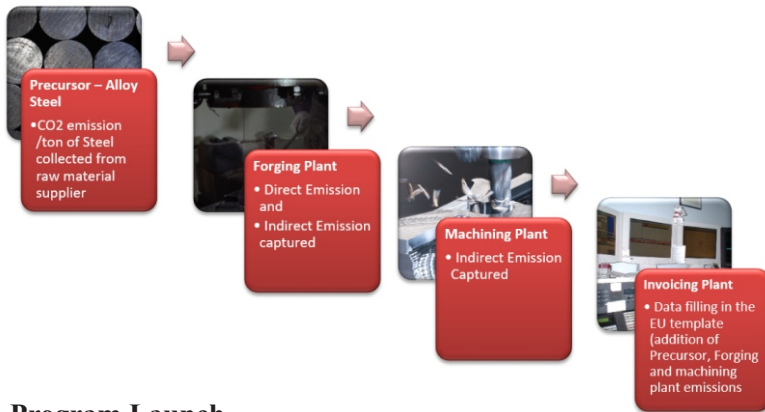
Introduction and Objective

Objective:

To ensure India Forge's compliance with CBAM requirements through accurate emissions data collection and reporting.

Scope of Work:

- Give training about CBAM and its requirements.
- Data collection on emissions (direct, indirect, precursor).
- Emission calculations and CBAM format preparation.
- Customer collaboration
- Train the India Forge team for filling the CBAM format.



Program Launch



Key Activities:

- Total 13 parts selected for CBAM reporting.
- Study and analyzed the data received.
- Segmented data for detailed emissions calculations.
- Divided all the data part wise.
- Emissions Calculation:
 - Verification and review all the data received.
 - Began calculating direct emissions for each part.
 - Identified discrepancies in electricity data

Key Achievements:

- Data Accuracy: Collected and verified emissions data for the 13 parts.
- Customer Satisfaction: Customer highly appreciated the work and data transparency.
- Capacity Building: India Forge team successfully trained on CBAM reporting processes.

Customer Feedback:

- Customer has acknowledged and appreciated India Forge's emission reporting in CBAM Format.

Conclusion:

- The successful completion of the CBAM program at India Forge was marked by strong collaboration and precise data management.
- Considerable efforts were required to capture emission data due to absence of measuring setup.
- Timely reporting helped to avoid late reporting penalties. Also has given insights to focus areas to reduce carbon emission.

REDEFINING INDIA'S MOBILITY



ZF is a global technology company supplying advanced mobility products and systems for passenger cars, commercial vehicles and industrial technology.

At ZF Group in India, we're redefining mobility for a safer, smarter, and more sustainable world. Our cutting-edge technologies empower vehicles to see, think, and act, making driving safer, efficient and comfortable.

We are investing in the technology fields that are particularly promising for the future, as they make a major contribution to the mobility of tomorrow.

E-Mobility | Vehicle Motion Control | Automated Driving |
Digitalization & Software

www.zf.com/india

ZF Group Region India, Corporate Office Address:
6th Floor, Amar Tech Park, Balewadi,
Pune: 411045
Maharashtra

see. think. act.



A large, stylized graphic featuring a central yellow banner with a 3D effect. The banner is surrounded by various colorful geometric shapes, including triangles and squares in shades of orange, red, teal, and blue. The overall design is modern and dynamic.

Transformational Success: Inspiring Journeys with AMF Programs

IP Rings Limited - ESG Program

Journey so Far.....

- During its ongoing journey of AMF ESG program, IP Rings team has achieved some remarkable achievements
- Reduction in Scope 1 Emission
 - From 2MT / Crores of sales to 1.5MT/ crores of sale.
 - The company plans to become Carbon Neutral by 2033
- Reduction in Scope 2 Emission
 - From 6.3MT / Crores of sales to 5.6MT / crores of sale
 - The company plans to become Carbon Neutral by 2033

Sustainability Initiatives

- Migrate from Grid power to Solar Power
- Replace Wind power with Solar Power
- Plan Renewable energy sources as a contingency for peak power.
- Establish dedicated solar power source
- Migrate from Hot forging to warm forging
- Eliminate annealing with continuous cooling furnaces.
- Develop Coining process as an alternative to OCF.
- Eliminate rough machining process by modifying the preform design.
- Reduce lead time by Layout modification

Social Initiatives

- Increase in Employee well-being spending
- Improved gender diversity
- Zero posh Complaint
- Reduction in Attrition rate
- Reduction in Absenteeism
- Improved Safety
- Near Miss reporting system through QR code
- Community engagement through - awareness rally, Pond cleaning, PPE kit distribution etc.

Governance Initiatives

- 100% regulatory compliances
- Customer's Appreciation – from Hero Motocorp
- Inclusive development for MSME
- Job Creation in Rural / Urban Areas
- Fairness in engaging with Customers and suppliers

Energy Efficiency – Renewable Energy



ESG - “Consumption Reduction & Cost Saving”

S. No	Area of Focus	No of Projects Completed	CO2 Emission Reduction in MT	Consumption Reduction	Potential Annual Savings In Rs.
1	Material Efficiency	27	699	143 MT	269
2	Energy Efficiency	41	1258	17,16,000 KWH	159
3	Water Efficiency	4	NA	6099 KL	2.25
4	Waste Management	5	7.5	--	8
5	Logistics Improvement	3	1	1.7	0.64
TOTAL		80	1965.5	--	438.89

1966 MT reduction in CO2 emissions

INR 4.30 Crore savings

Customer Appreciations – Hero Motocorp

Re: HMCL : SPDP (ESG) targets for FY25 | IP Rings-29.04.24

Dear IP rings team,

Thank you for the valuable contribution in ESG initiatives.

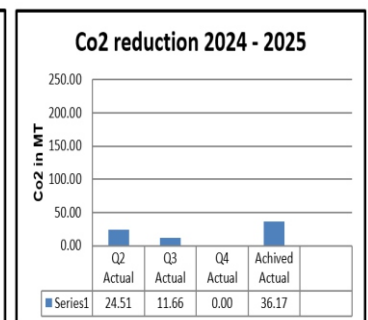
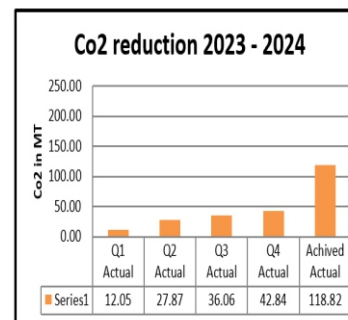
It is commendable work from the team in identifying ~ 9 projects in carbon emissions reduction and ~3 water consumption reduction projects.

Hope the team will complete all these projects within the current F.Y and will be able to identify even more projects as per our expectations.

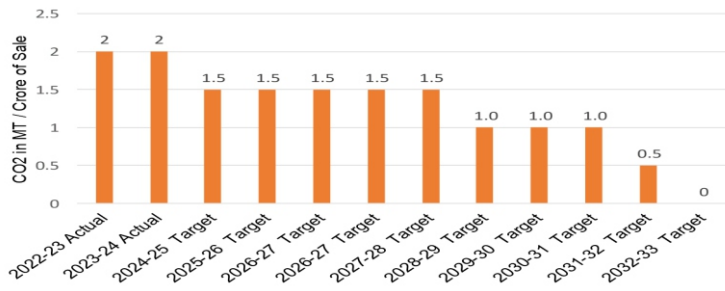
Special appreciation to Mr. Komal Raghav, Mr. Suresh and Ms. Malathi for leading from the front.

Zero Land Fill & 100 % Circularity by 2027

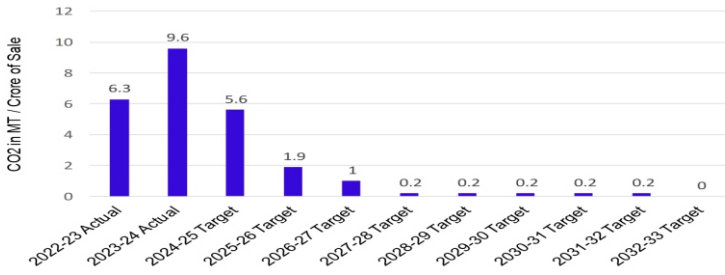
Scope 3 – Material Efficiency



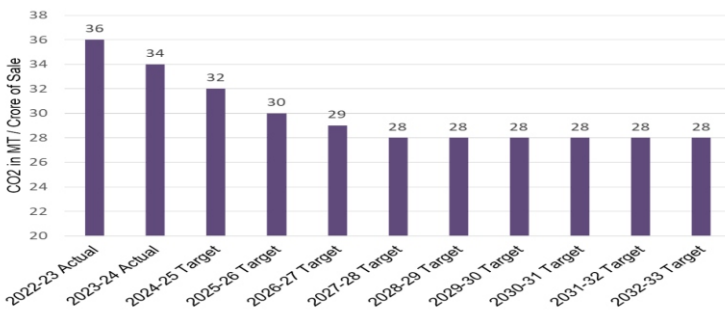
Scope 1/2/3 – De-carbonization Plan



Scope 1 – Co2 Emission Trend



Scope 2 – Co2 Emission Trend



Scope 3 – Co2 Emission Trend

Water

- Water Consumption should not increase beyond: (a) Raw Water <= 10KLD & (b) DM Water <= 40KLD by implementing following projects
 - Productivity Improvement Projects
 - Process & Product Optimization Initiatives
- Reduce Water Usage by 1/3rd from Current Level of 74KLD (Raw Water)
 - Implement (a) Cistern Water Immersifiers, (b) Water Saving Shower Heads, (c) Waterless urinals and (d) Self Closing Taps in Toilets and reduce water usage from 40KLD to 29KLD
 - Implement (a) Self Closing Taps with Aerators Fitted in canteen to reduce water usage from 20KLD to 13KLD
- Eliminate DM Water Consumption 30KLD in Main Plant by Re-Using STP water
 - Implement MBR technology system for STP water and Reuse STP water in place of DM water
- Offset Water Consumption by implementing offset scheme in following areas (Local Council in Kancheepuram)
 - Retrofit Energy / Water Saving Devices
 - Fund Water Efficiency Audits
 - Educating people about saving water

Zero Discharge Company and Water Neutral By 2028

SOCIAL - Overview for following subareas

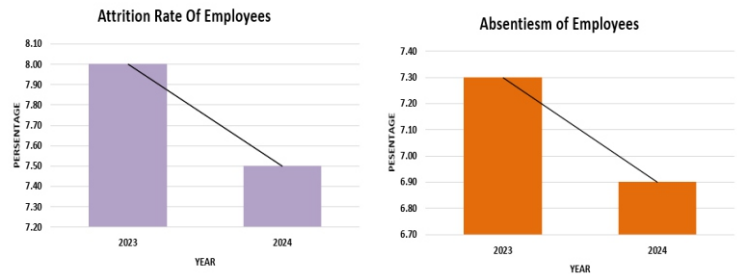
Achieve 0.6% of Annual sales turnover spending on Employee Wellbeing projects from Current 0.44%

SOCIAL - Community Engagement

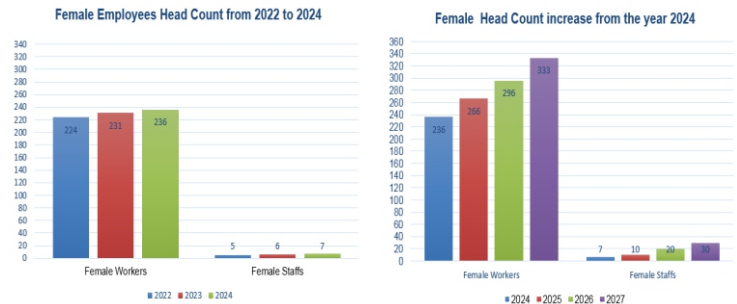


Kadambur Pond Cleaning

SOCIAL - Employee Well-being

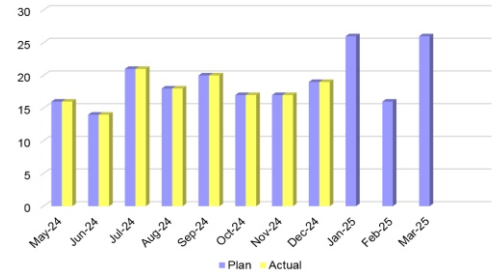


SOCIAL - Gender Diversity



Strategy For Governance

- Adherence of Legal Compliances - Monthly



Mrs. M. Malathi received the Outstanding Woman Award from ACMA



Mr. M. Mani received Green Rank Sustainability Ambassador

Kiswok Industries Pvt. Ltd



Mr. Mayank Kejriwal
Managing Director

Engineering Cluster 6

“The engineering cluster program transformed our team, challenging standard practices and deepening our engineering understanding. Initially, our junior staff struggled with machine design intricacies, but the program's insights led to significant process

redesign and optimization. These changes revitalized outdated processes, boosting efficiency and innovation. This experience has strengthened our engineering foundations and enhanced our team's problem-solving skills, marking a critical step in advancing our technical capabilities and operational effectiveness”.



Mr. Rejnish Chandra
Plant Head

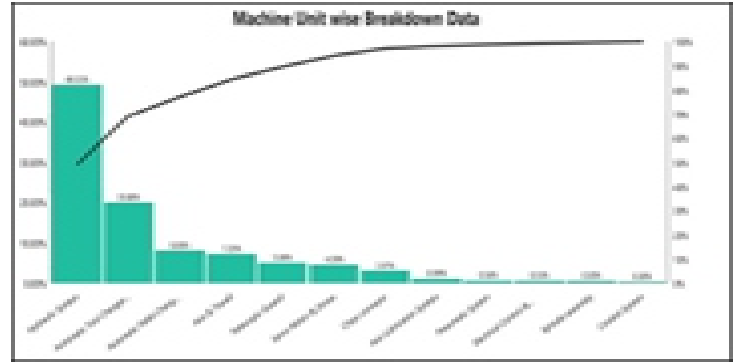
“Since joining ACMA’s cluster from the year 2010, our association with this Engineering Cluster has provided a unique and invaluable learning platform. Through it, we've grasped fundamental lean tools and successfully implemented them on the shop floor. By

challenging conventional requirements with engineering concepts, we've achieved significant cost savings in plant operations and directed investments towards future projects. Our team's mindset has been transformed towards lean engineering principles.

Project Theme

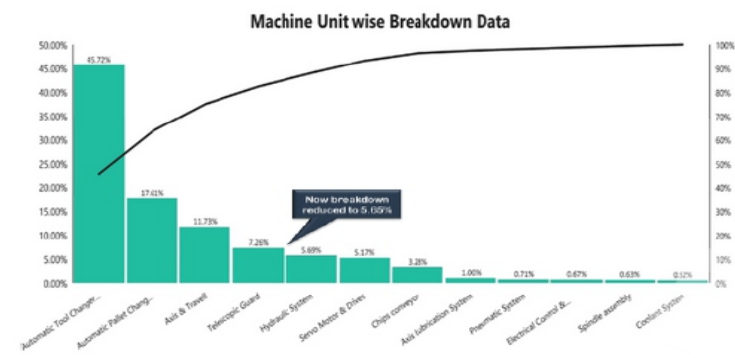
Optimize Continuous Runninoft of Hydraulic Pump to Eliminate Breakdown. Breakdown Pareto analysis (Before implementation of project) : Feb 2024 to Apr 2024

Unit Wise CNC Machine Breakdown Analysis				
Machine Unit	Breakdown (In HRS)	Cumulative	Percent	Cumulative %
Hydraulic System	199.7	199.7	49.31%	49.31%
Automatic Tool Changer (ATC)	80.5	280.2	19.88%	69.18%
Automatic Pallet Changer (APC)	32.65	312.85	8.06%	77.25%
Axis & Travell	29.36	342.21	7.25%	84.49%
Telescopic Guaard	20.5	362.71	5.06%	89.56%
Servo Motor & Drives	18.6	381.31	4.59%	94.15%
Chips conveyor	12.02	393.33	2.97%	97.12%
Axis Lubrication System	4.02	397.35	0.99%	98.11%
Pneumatic System	2.28	399.63	0.56%	98.67%
Electrical Control & System	2.15	401.78	0.53%	99.20%
Spindle assembly	2.03	403.81	0.50%	99.70%
Coolant System	1.2	405.01	0.30%	100.00%



Breakdown Pareto analysis (After implementation of project) Feb 2024 to Apr 2024

Unit Wise CNC Machine Breakdown Analysis				
Machine Unit	Breakdown (In HRS)	Cumulative	Percent	Cumulative %
Automatic Tool Changer (ATC)	146.2	146.2	45.72%	45.72%
Automatic Pallet Changer (APC)	56.32	202.52	17.61%	63.34%
Axis & Travell	37.5	240.02	11.73%	75.06%
Telescopic Guard	23.2	263.22	7.26%	82.32%
Hydraulic System	18.2	281.42	5.69%	88.01%
Servo Motor & Drives	16.53	297.95	5.17%	93.18%
Chips conveyor	10.5	308.45	3.28%	96.46%
Axis Lubrication System	3.2	311.65	1.00%	97.46%
Pneumatic System	2.28	313.93	0.71%	98.18%
Electrical Control & System	2.15	316.08	0.67%	98.85%
Spindle assembly	2.03	318.11	0.63%	99.48%
Coolant System	1.65	319.76	0.52%	100.00%



Windals Precision Pvt. Ltd



Mr. Vaibhav Vinzanekar
Director

It is with immense pride and gratitude that to acknowledge and celebrate a significant milestone in our journey of continuous improvement and excellence. As a company, we have always been committed to achieving operational excellence, ensuring customer satisfaction, and fostering a culture of growth and innovation. The successful implementation of Total Productive Maintenance (TPM), in collaboration with the incredible team at ACMA, marks a pivotal step in this direction. I want to express my heartfelt thanks to the ACMA team for their unwavering support, guidance, and expertise throughout this journey. Your dedication and structured approach have not only helped us understand the core principles of TPM but also enabled us to put them into practice effectively. Looking ahead, I am confident that the skills, tools, and mindset imparted through TPM will continue to drive us toward even greater achievements. This transformation is not just about systems and processes—it's about empowering our people and fostering a culture of excellence that will benefit all stakeholders.



Mr. Vijaykumar Anantpurkar
Cluster Plant Head

When we started this journey, we had a clear vision of elevating our performance across all critical aspects—Productivity, Quality, Cost, Delivery, Safety, and Morale (PQCDSM). Today, I am thrilled to say that this vision is becoming a reality. Thanks to the unwavering guidance and collaborative efforts of the ACMA team, we have achieved measurable growth by Increased Productivity, Enhanced Quality, Cost Optimization, by Timely Deliveries, Improved Safety & Boosted Team Morale. The ACMA team has been instrumental in not just transferring knowledge but ensuring its practical application, aligning with our unique organizational needs. Their dedication, professionalism, and commitment to excellence have been key drivers of our success. Thank you to ACMA team, for invaluable support & Guidance. Together, we are building a brighter, stronger, and more competitive future for our organization.



Mr. Pravin Deshmukh
Cluster CEO

It is with immense pride that to reflect on the remarkable strides our company has achieved through the implementation of Total Productive Maintenance (TPM) in collaboration with ACMA. This initiative has proven to be a game-changer, not just in improving operational efficiencies but also in solidifying our commitment to sustainable and responsible growth. I am thrilled to share some key milestones that highlight the impact of our collective efforts:

- Productivity has increased by Double showcasing the dedication of our teams in optimizing processes and reducing downtime.
- Power savings have reached 30%, reflecting our commitment to resource efficiency and cost management.
- We have achieved a 70% reduction in energy consumption, an extraordinary leap toward sustainability and a greener future.
- Perhaps most significantly, these improvements translate to a cost saving of toward sustainability and a greener future. Perhaps most significantly, these improvements translate to a cost saving of ₹8,40,000 annually, directly contributing to our bottom line and enhancing our competitive edge. These results are not just numbers; they represent the passion, perseverance, and innovative thinking of our entire organization. Each one of team member played a vital role in bringing TPM to life, from embracing new processes to championing a culture of continuous improvement & this happens because of Valuable guidance from ACMA Team. Looking ahead, let us continue to build on this momentum. By fostering a mindset of collaboration, innovation, and accountability, I am confident that we will unlock even greater opportunities for growth, efficiency, and excellence. I extend my heartfelt thanks to every team member who contributed to this success story, and I am excited about the journey we have embarked upon. Together, let's aim higher and set new benchmarks for the industry.

Benefit After Plant Layout Changed

S.N.	Layout Comparison	After	After
1	Safety	Safety burden	Safety burden reduced by 50% Operator moral improved
2	Quality	Quality communication	Quality information improved Support for stop & fix culture
3	Flexibility	Operation flexibility was not there	Operation flexibility improved
4	Space	No space for new development	Space created for new development Space saved = 6000 Sq. ft. Cost of Space saved = Rs. 1,32,000 / Month
5	Workflow	Part distance travel was more i.e. 0.5 Km	Part distance travel reduced by 30 % i.e. 330 Meter
6	Energy (Diesel) Consumption	Forklift travelling was more i.e. 70 Litre Consumption / Month	Forklift travelling reduced by Zero i.e. Zero Consumption/ Month

Delux Bearings Pvt Ltd, Surendranagar



Mr. Govind Deshpande
Vice President

- Guidelines given by ACMA is inline with our Lean practices and helping us to gain knowledge and improve further.
- Also After this cluster training our Total employee involvement for plant level improvement is significantly increase.
- Also we got to know more details of lean toolings, lean automations, Lean Hydraulics , Lean Pneumatics , Lean electrical etc.
- During many customer visits they are asking for quality defects, controls , addressed through ACMA engineering cluster. We implemented through this ACMA cluster programme.
- Overall we are fully satisfied with ACMA’s training.

Delux makes record in one product with 550% Productivity increase

Before



Cage seal assly

Induction machine

After



Before



After



Benefits of Layout change

A	Workforce Optimization = 14 workers / shift
B	Space increase for 03 more lines.
C	Material movement decrease approx. 15 meter per line.
D	4 times hand touch decrease.

Team Motivation



Ramkrishna Forgings Limited



Mr. Chetan Murthy
Cluster - Plant Head



Mr. Jayadev Patasani
Plant Head - Plant IV

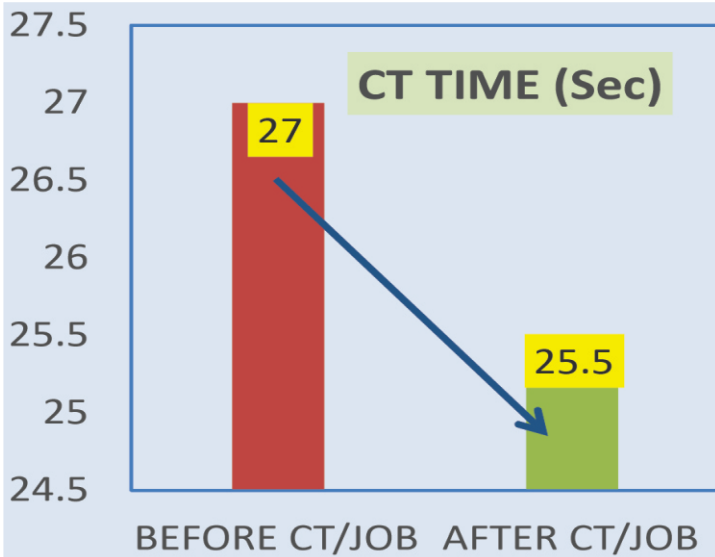
We got the following benefits from ACMA EEC6

- Total employee involvement improved.
- Team is ready to take challenge for out of box ideas.
- The new concepts like lean hydraulic, lean pneumatic, lean coolant, lean tooling is very useful for improvement.
- The VA NVS concept useful tool for faster productivity improvement.
- The ACMA staff and cluster companies provided technical support & solution, which made all of this feasible.

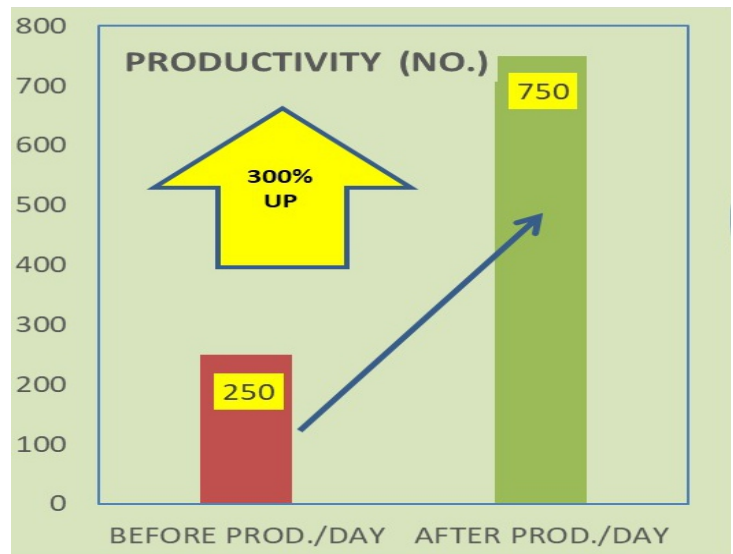
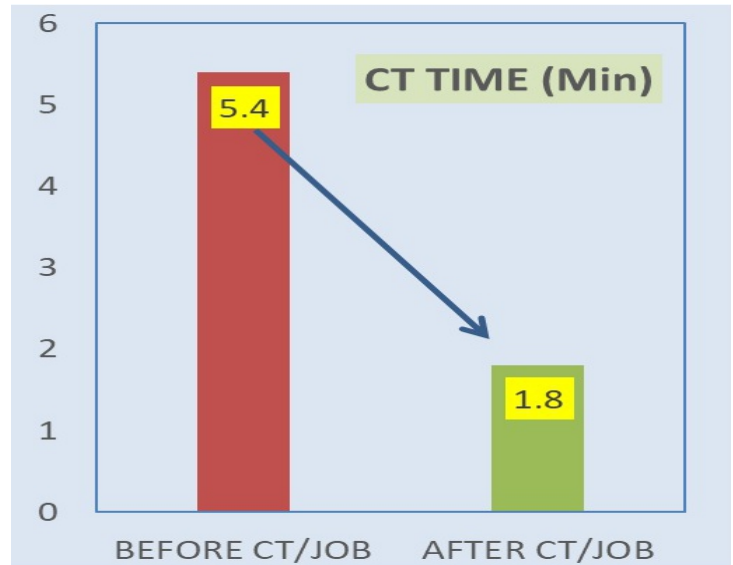
- Chetan Murthy

Customer complain on key way milling operation missing (2 to 3 times faced)

In process Rejection on key way milling missing (Avg 2 nos. per month)



Breakthrough Achievements



Total Cost Saving Done Approx ₹ 129 LPA

- 123 Products productivity improved ranging between 50% to 200%
- **Overall Cost Saving Rs. 24 Cr.**
- **Electrical Power Saving & Carbon Footprint reduction Per Annum = 92503 Kg**
- Total Employee Involvement 100 %

Trinity India Forgetech Pvt Ltd, Pune



Mr. Vikas Agarwal
Director

EEC helped us for Finding out of Large ideas & implementing same.

- Big Targets are reality - this was experienced in the ECE journey
- Team Work in Converted in to team Leaders.

- Team working improved.
- Confidence building throughout the team. improvement is a continuous journey learning again reinstated in teh team.
- All this was possible due to excellent support from ACMA team and cluster companies.



Mr. Ganesh Kshirsagar
Director Operations

- **Industry Networking:** Breaking team barriers and connecting with automotive professionals and partners.
- **Industry Insights:** Gaining updates on trends, market

data, and regulations.

- **Standard Guidelines:** Implementation best practices and industry standards.
- **Training:** Overcome fear and participating in workshops and seminars for skill development.
- **Advocacy:** Benefiting from representation and policy advocacy.
- **Market Access:** Exploring new markets and business opportunities.
- **Innovation Exposure:** Integrating new technologies and innovations.
- **Compliance Support:** Receiving help with regulatory compliance and certification.
- **Benchmarking:** Utilizing tools to measure and enhance performance.
- **Recognition:** Engaging in awards and recognition programs.

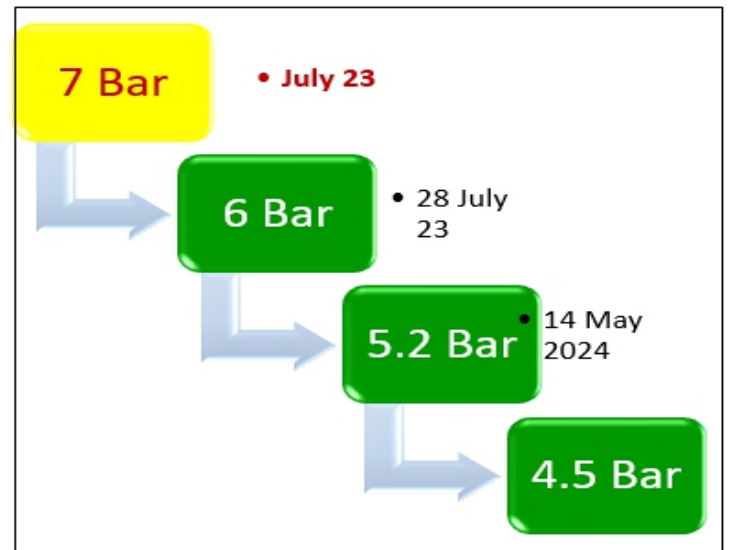


Mr. Yashwardhan Agarwal
Director

- Breaking team Barriers, Culture change.
- Overcome fear and Skill Developments.
- Lots of Lean Methodology Implementing and Magic Ideas From VA & NVA Activities.

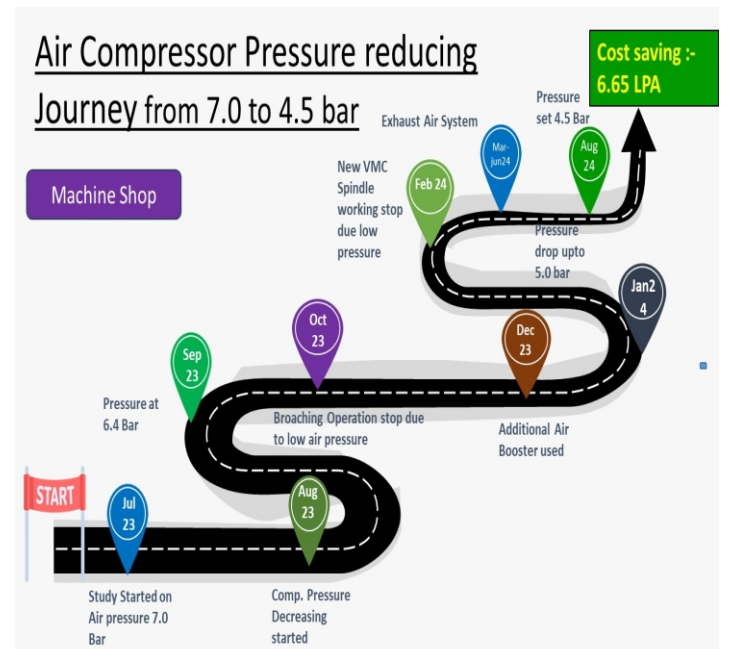
- Co Learning, Co-Growing along with Cluster Companies.
- Optimum Utilization of Rehouses.
- Insightful Guidance from ACMA team Jayantiji and Mentor Sunilji.

Pressure Reduction



Air Compressor Pressure reducing

Journey from 7.0 to 4.5 bar



New Swan Enterprises : Unit -VI



Mr. U. S. Ahuja
Managing Director

We at New Swan Group are proud to share our prestigious journey of manufacturing excellence, which we have undertaken with the support of ACMA Mobility Foundation. Our aim is to meet world class manufacturing standards, deliver customer satisfaction and remain competitive in the market through the adoption of lean concepts. Over the past one year we have seen remarkable progress through our engagement with ACMA. Our teams have initiated numerous innovative

projects, including cost-effective automation creative process improvements, and efforts to achieve total employee engagement.

We are deeply grateful to ACMA mobility foundation for their continuous support, training and guidance, which have enabled us to maximize our capabilities and fully utilize the talents of our human resource.

- U. S. Ahuja

Before Improvement



After Improvement



Some Impact of Initiatives:

- Overall Cost savings of 10 Millan PA.
- Single Piece Flow on Model Line
- Merging of operations using VSM to increase yield.
- Substantial increase in Productivity.
- Improved 5'S & visualization.
- Total employee involvement through QC circles and Suggestions.
- Low cost automation on production lines



Mr. A. Akhtar
AVP, New Swan

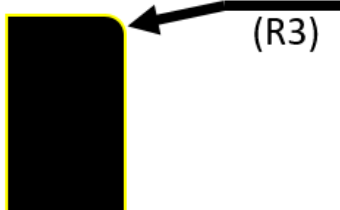
We are proud to share that we have reached a significant milestone at New Swan Enterprises Unit-VI, thanks to the technical assistance provided by ACMA Counselor.

Our collaboration with the ACMA Mobility Foundation focuses on improving manufacturing process capabilities, enhancing operational efficiency, Strengthen of quality, reducing variation and waste, developing human resources and fostering total

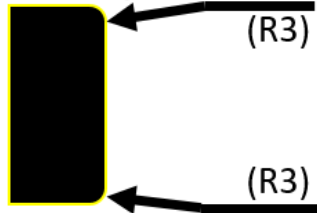
employee involvement. We would like to express our gratitude to the top management of New Swan group for giving us the opportunity to work with ACMA. Their positive assistance and training have been instrumental in helping us identify gaps and discover valuable opportunities for improvement.

- A. Akhtar

Before Improvement



After Improvement





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Partners for Safe Mobility

New Swan Multitech Ltd, Vithlapur



Mr. U. S. Ahuja
Managing Director



Mr. K. D. Singh
Director



Mr. Manjeet Singh
VP



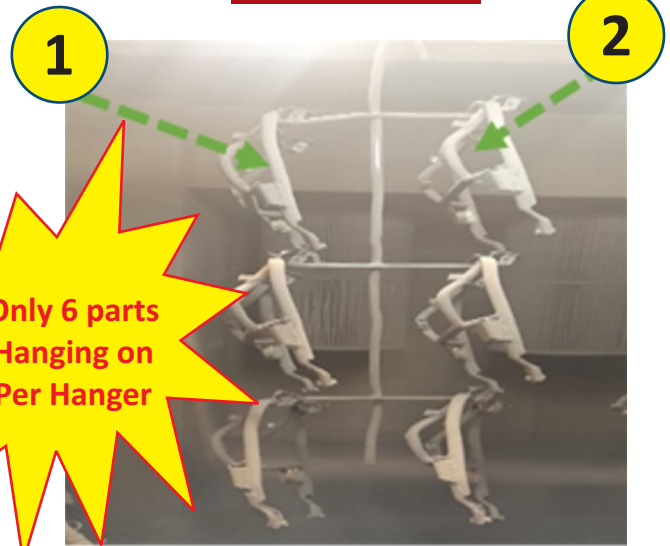
Mr. Ashish Kumar
Plant Manager



I'm thankful to New Swan Management, specially our MD Sir and Manjeet Sir for giving me the opportunity to lead an ACMA Program in our plant. The ACMA Advance Lean program currently in progress at our Vithlapur Plant has resulted to develop a continuous improvement culture in the plant. The lean practices being implemented are helping us to improve Manufacturing Processes, Productivity, Quality & Shop floor 5S. ACMA also helped us largely to improve morale of the employees working in our plant.

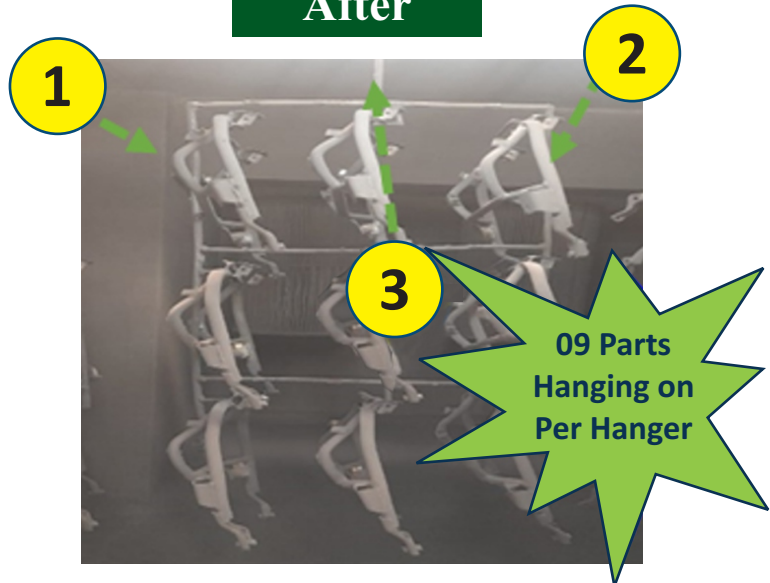
- Ashish Kumar

Before



Only 6 parts
Hanging on
Per Hanger

After



09 Parts
Hanging on
Per Hanger

Some Achievements through ACMA Advance Lean program:

- Overall Cost Savings of about Rs. 1.28 Cr
- Productivity on line stay comp fender (KOLA) increased by 50%
- Space Savings of over 900 Sq feet.
- Reduction of gas consumption on Weld Shop through Kaizens & Layout improvement
- Productivity improvement on Paint Shop through Kaizens on Hanger designs
- Manpower Reduction by line balancing & VA NVA analysis on weld Line
- Quality Improvements through Kaizens on CKD Line

Full Spectrum of AMF Programs

Futuristic/Upcoming Programs

- Industry 4.0 / AI
- Electric Vehicle Support Program
- Enhancing Innovation

Assessment Programs

- Safety
- Manufacturing Excellence
- Productivity
- Skill
- Energy Efficiency
- Digitalization / Industry 4.0
- Environment, Social & Governance (ESG)

List of Clusters Programs

- AMF Program on Environment, Social and Governance (ESG)
- AMF Special Program for Business Responsibility and Sustainability Reporting -Core Compliance Program
- AMF Program on CBAM- Assessment, Guidance, Reporting and Impact Reduction
- AMF Carbon Footprint Reduction Program
- AMF Zero Defect Quality Cluster
- AMF Zero Defect Plus Cluster - Zero defect in NPD process (only after ZDQ completion)
- AMF Engineering Excellence Cluster
- AMF Advance Cluster - Lean Manufacturing
- AMF New Product Development Foundation Cluster
- AMF New Product Development Design Cluster
- AMF Tool Engineering Cluster
- AMF Low Cost Automation Cluster
- AMF Rudimentary Framework Program
- AMF Human Resource Cluster
- AMF Program on Robotics & Automation - maintainability & Optimization
- AMF Aesthetics Quality and Customer Delight Enhancement Program
- AMF Program for TPM Practices Implementation
- AMF Special Program for Corrosion Control, Dents & Damage Prevention
- AMF special Program for Equipment and Utility Maintenance
- AMF Supply Chain Improvement Program
- AMF Program for Quality System Adherence

List of Programs / Projects

- AMF Wow Effect - Complete turn around project
- AMF Robotics and Automation Program
- AMF Deskillling of Manufacturing Activities
- AMF Equipment Maintenance & Optimization Program
- AMF Special Lean Process Engineering for Plastic Industries
- AMF Special Lean Process Engineering for Forging Industries
- AMF Special Lean Process Engineering for Foundry Industries
- AMF Special Lean Process Engineering for Fabrication Industries
- AMF Daily work Management Program
- AMF Uptime Improvement
- AMF Lean implementation Program
- AMF Special Projects on Zero Defect
- AMF Asset Turn Ratio Improvement Project
- AMF Productivity Improvement Project
- AMF Quality Adherence Project
- AMF Breakeven Point Reduction Program
- AMF New Plant Initiation Project
- AMF Material Flow Cost Accounting - MFCA program
- AMF Management By Objective - Improvement Project
- AMF Paint shop Optimisation & Modernization Project
- AMF Through Put Rate Improvements Project - Bottleneck Management
- AMF Working Capital Improvement Project
- AMF Performance Enhancement Project
- AMF Employee Participation, Involvement and Engagement Project
- AMF Manufacturing and Process Engineering Project
- AMF Safe Working Culture development program
- AMF Engineering Improvement Project
- AMF Inventory Improvement Project

To know more about program please contact :

Surekha Deshmukh
surekha.deshmukh@acmamf.in

AMF Special Program on Corrosion Control and Prevention

Topics Covered

- Understanding & Mapping of Corrosion
- Economics, Impact and Causes of Corrosion
- Addressing Corrosion and Corrosion Prevention
- Process Controls for Corrosion Prevention
- Corrosion Control
- Auditing for Corrosion Free Plants

AMF understands the challenges you face and is committed to empowering your organization with a strategic approach that can transform the way you operate. Corrosion is the deterioration of materials, typically metals, due to chemical reactions with the surrounding environment. It can lead to the weakening, degradation, or failure of equipment, structures, and components, and it can have significant economic, safety, and environmental consequences.

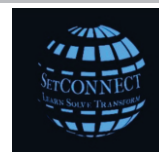
AMF Corrosion Control and Prevention Program is necessary for industries to enhance asset reliability, reduce costs, ensure product quality, promote environmental responsibility, enhance safety, and maintain competitiveness. By implementing these practices, industries can operate more efficiently, sustainably, and profitably.

Program Duration - 18 Months

For more details please contact:

Mr. Sunil Mutha | ✉ sunil.mutha@acma.in
Mr. Jayant Thipse | ✉ jayant.thipse@acmamf.in

Set CONNECT: Lighting the Path to AI Transformation Through Discovery, Education and Solutions



In the bustling landscape of digital transformation, where data reigns supreme, one company stands out as an example of innovation and expertise: SetCONNECT.

Founded in 2019 and headquartered in the vibrant city of Austin, Texas, SetCONNECT brings together a dynamic team of visionaries blending academic excellence with real-world industry experience.

Their mission:

To seamlessly integrate the power of data analytics, education, and technology, paving the way for the leaders of tomorrow to thrive in the digital revolution.

Visionary Goal:

At the heart of SetCONNECT's mission lies a visionary goal: to connect the next generation of leaders with the transformative potential of data analytics, education, and technology. Their vision is not just about embracing change but actively shaping it, leading organizations into a future where data-driven decision-making is the norm.

Global Analytics

With deep expertise in advanced analytics, including AI, Machine Learning, Data Science, and Predictive & Prescriptive Analytics, SetCONNECT stands as a global leader in harnessing the power of data to drive business success.

SetCONNECT strives to be a trailblazer not just another player in the AI analytics arena.

Crafting Value through AI Solutions

SetCONNECT's suite of AI solution offerings is designed to catalyze transformation. From the succinct yet powerful AI Discovery and Advisory Services to the comprehensive Executive Immersion in AI Program and the hands-on Real-world Analytics Challenge (RAC) projects, SetCONNECT empowers organizations to unlock the full potential of AI and analytics.

SetCONNECT successfully completed a project for the Indian a reputed auto component manufacturer who wanted to work on extended warranty policy. The modelling work in this project was done by Dr Ghaffari (LinkedIn profile: <https://www.linkedin.com/in/novin-ghaffari-638b41180>) under the overall mentorship of Dr Ramesh Rajagopalan (LinkedIn profile: <https://www.linkedin.com/in/rameshraj05>)

Successes in India

SetCONNECT possesses a track record of success in the AI/ ML landscape of India. Through Awareness Sessions, Discovery Workshops, Executive Immersion Programs, and ongoing

Advisory Services for AI Projects, SetCONNECT has carved out a unique path – providing world- class academic inputs to clients backed by expertise acquired by successfully implementing AI/ ML projects internationally.

Helping Executives Discover AI



In a world where AI and analytics are no longer optional but essential, SetCONNECT serves as a guiding light for top management teams. Through AI Discovery Workshops for Executives, SetCONNECT empowers leaders to understand the strategic importance of AI/ML and business analytics - as applied to their own business/ function, and become catalysts for change within their organizations.

SetCONNECT successfully conducted a Discovery workshop for a CEO of a reputed Indian auto component manufacturing company. It was attended by 35 of his team members. During the course of this workshop, the team identified 15 projects that could be taken up by the organization using AI/ Analytics.

Facilitating Transformative Journey in AI



SetCONNECT's Executive Immersion in AI (EIA) programs offer a transformative journey for senior management personnel. With a focus on practical, hands-on experiences and problem framing using the patented Real-world AI Challenge (RAC) methodology, SetCONNECT ensures that executives are equipped to drive real business value through AI and analytics.

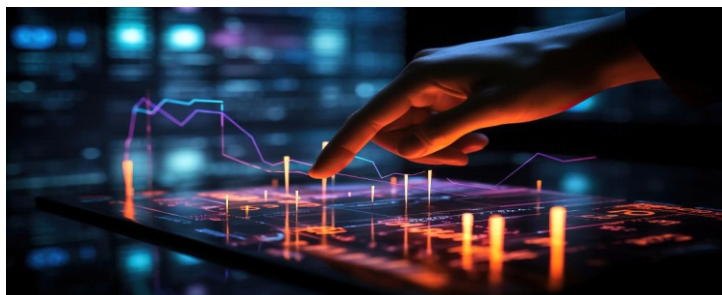


As an example, SetCONNECT successfully conducted this program for more than 75 executives of an Indian multinational corporation involved in manufacturing. This program was facilitated by Dr Ramesh Rajagopalan supported by Mr Douglas Gray (LinkedIn profile: <https://www.linkedin.com/in/doug-gray-06bb4a4>) and Dr Novin Ghaffari. The participants identified 15 projects across the value chain of the organization – with clear-cut calculations of business benefits. Mr Muralidhar Rao facilitated the project related activities (LinkedIn profile: <https://www.linkedin.com/in/muralidharrao>).

Mr Mike Masterson, seasoned IT industry veteran, (LinkedIn profile:

<https://www.linkedin.com/in/mjmasterson>) helped the participants understand the challenges associated with the technology adoption process during the panel discussion

Navigating Advisory Horizons



At the core of SetCONNECT's ethos lies a commitment to customer success. Through close collaboration and mentorship, SetCONNECT guides customer teams in identifying, defining, and executing high-value business problems, ultimately creating tangible business benefits and fostering a culture of innovation.

Unveiling the Real-world AI Challenge (RAC)

The Real-world AI Challenge (RAC) isn't just a competition; it's a catalyst for change. By empowering corporate decision-makers to define and solve business problems with AI, ML, and Analytics, RAC helps organizations cultivate a data-driven culture and access top-tier talent skilled in AI and Data Analytics.

Conclusion

Led by the founder Dr. Ramesh Rajagopalan, SetCONNECT emerges as a driving force in the digital transformation landscape. With a focus on innovation, education, and real-world impact, SetCONNECT is not just a company; it's a partner in the journey towards a data-driven future. Whether it's through advisory services, education programs, or project implementation, SetCONNECT is committed to helping organizations navigate the complexities of the digital age and emerge stronger, smarter, and more resilient than ever before.

Visit us at: <https://setconnectglobal.com/>
To get more information, write to us at: info@setconnectglobal.com

AMF Program Launches



ESG Program at Nirotech Industries Pvt. Ltd., Faridabad



Advance Cluster 18 at Choudhry Enterprises, Sonipat



Quality for Business Program at JK Fenner Srepermbudur



Advance Cluster 18 at Ved Industries, Ichalkaranji

AMF Program Launches



Machinshop Improvement Project for 2 plants (Hospet and Solapur) at Kirloskar Ferrous Industries Limited, Hospet



ZDQ Project at Micropack Pvt Ltd, Bengaluru



ESG Program at Jamna Auto, Malanpur



ZDQ Cluster Program-3 at JK Fenner, Madurai-Plant 1

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Connectivity

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*Data as on 1st January 2025

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