SUSTAINABILITY SOLUTIONS FOR MANUFACTURING BROCHURE
Summary

Today most of the companies are trying to find the sweet spot in their business strategy whether they can both “do well” and “do good”. Managing expectations of stakeholders, adhering to regulations and norms, and meeting consumer expectations need to be given equal importance. Tech Mahindra believes in business with a purpose: Sustainability is deeply rooted within our internal processes & our technological innovations. We are an end to end sustainability partner for our customers enabling their journey towards net zero emissions.

Introduction

A large and growing number of manufacturers are realizing substantial financial and environmental benefits from sustainable business practices. Sustainable manufacturing is the creation of products through economically-sound processes that minimize negative environmental impacts while conserving energy and natural resources, has transformed the manufacturing landscape. Sustainable manufacturing also enhances employee, community and product safety.

The increasing scarcity and cost of material resources and energy linked to waste management problems has encouraged manufacturers to be more proactive in improving the environmental performance of their processes and treat “sustainability” as an important objective in their strategy and operations to “do well” and “do good” in the society.

There are several reasons why companies are making sustainability their No.1 priority:

- Reduce carbon emissions to minimize the negative environmental impact
- Increase operational efficiency by reducing costs and waste
- Respond to or reach new customers and increase competitive advantage
- Protect and strengthen brand and reputation and build public trust
- Build long-term business viability and success
- Respond to regulatory constraints and opportunities

As a global company, our end to end solutions offerings play a huge part in enhancing manufacturing in the modern world. We believe it is our responsibility to protect the wider ecosystem in which we all live and act on the universal shift towards more sustainable ways of working and help improve productivity for the manufacturers.
### Solution Offerings

#### Sustainability Consulting
- Sustainability driven by digital
- Carbon Pricing
- Measures for emission reduction
- (SBTi) Science Based Targets
- ISO 14001, 50001, 45001
- Resources usage efficiency – energy, water, material
- Water Audits, Energy Audits

#### Sustainability Optimization
- Solar energy management platforms
- Digital energy efficiency platform
- Drone based ocean sludge collection
- Sustainable Manufacturing
- Sustainable Ports
- End to end traceability
- Waste Optimization

#### Global Reporting & Rankings
- Carbon disclosure board
- Dow Jones Sustainability Index
- Integrated reporting
- GRI Reporting standards
- FTSE4Good
- Sustainability development goals
- Industry specific global standards
- Helping to improve ESH rating

## Our solution to Net Zero

![Evolve, Monitor, Achieve]

### Use Cases

Tech Mahindra’s vehicle sequence optimization has reduced energy consumption for one of the largest vehicle manufacturers by production in India.
- Sync with shop-floor disruptions
- Real-time decision support

Tech Mahindra’s cognitive inspection solution combines image analytics and prediction models to ascertain the impact of deviation and suggests the necessary actions to be taken in order to get the component back on to the assembly line. Thereby **reducing material loss** for a global leader in aviation.
Tech Mahindra Proven Position in Sustainability

ISS ESG Corporate
Awarded with a Prime Status

FTSE4Good Index 2020
Constituent of the FTAESGood Index 2020

Sustainalytics
Leader in Sustainalytics with 99 percentile, & an overall ESG Score of 84

2021 Global 100
by the Corporate Knights

2021 Global 100 Most Sustainable Corporations in the world
Only Indian company ranked in 2021 Global 100 Most Sustainable Corporations by Corporate Knights

Carbon Disclosure Project
Recognized as Global leader on Climate Change and Water Security. The only Indian IT company to score double ‘A’ in CDP Climate and CDP Water 2020

DJSI World Index 2020
Amongst only 3 companies from India to make it to the DJSI World Index 2020

Sustainability Award
Bronze Class 2021
S&P Global

The Sustainability Yearbook-2021
by S&P Global
Received the Bronze Class distinction for Excellent sustainability performance. Included in the Top 10 IT Services Companies Globally

Ecovadis Sustainability Rating-2021
Awarded Highest ‘Gold CSR Rating-2021’ by Ecovadis for Second Year in a Row with 94%