First level Assessment

Vision

Policies

Leadership

Sustainable Development and Growth

First Level Assessment

- Name of the organization:

- Year established:

- Classification of organization:

- Role in the industry:

- Evolution of the organization since inception:

- Any accreditation (today or planned):

- Any quality level adhered to (today or planned):

- Type of facilities or buildings constructed:

First Level Assessment

- Does your organization recognize the need to make a (project, product or service) lifecycle sustainable? Yes/No

- Additional details:

- Does your organization recognize the challenge of making a (project, product or service) site, facility or building sustainable? Yes/No

- Additional details:

- Can your organization proactively respond to an increasingly complex and pressing task of making a (project, product or service) lifecycle high-performing and sustainable? Yes/No

- Additional details:

First Level Assessment

- **What are the main motivators for your organization to plan for and work towards sustainability?**
- Gaining of market share? Yes/No

- Total cost of ownership or a combination of financial incentives? Yes/No

- Environmental or compliance regulations? Yes/No

- Community pressures? Yes/No

- Corporate image building and communication strategies? Yes/No

- Public affairs opportunities? Yes/No

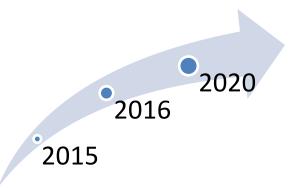- Contractual agreements used in managing the facility or building? Yes/No

First Level Assessment

- **What is your organization's background in planning for and achieving sustainability?**
- Your organization will be doing it for the first time? Yes/No

- Your organization has studied the issues over time and is aiming to develop some expertise? Yes/No

- Your organization has studied the issues over time and has developed some expertise? Yes/No

- Your organization does have little or no support at all for this aspect? Yes/No

- Your organization needs a clear and justifiable reason to invest in this aspect? Yes/No

- Your organization has tried certain implementations but you are not satisfied with the results? Yes/No

- Your organization has a wealth of in-house resources and corporate support for "greening" your lifecycles and operations? Yes/No

First Level Assessment

- **Does your organization plan to implement solutions for aspects such as**
- Increasing operations and maintenance costs for facilities or buildings? Yes/No

- High electric power costs? Yes/No

- Worsening power grid problems such as power quality and unavailability? Yes/No

- Possible water shortages, and waste water disposal issues? Yes/No

- Need to control waste generated via proper eco-friendly and conservative approaches? Yes/No

- Pressure and responsibility to control utilization and reduce causative effect of harmful chemicals, and criteria pollutants? Yes/No

- Growing concern about the aspect of Global warming and unprecedented climate change? Yes/No

First Level Assessment

- **(Continued) Does your organization plan to implement solutions for aspects such as**

- Need to acknowledge environmental safety related product declarations? Yes/No

- Health and productivity of occupants? Yes/No

- Related need for risk mitigation and disaster management? Yes/No

- Rising incidence of allergies and asthma in children due to increasing air pollution in neighborhood/city/state? Yes/No

- Need for autonomic involvement for environmentally safe and sustainable practices by a cycle of decisions taken by organizations/people belonging to different networks like construction/healthcare/manufacturing/transportation & utilities? Yes/No

- **For your reference**

- To summarize, all these aspects for continual services are collectively part of what AOEC & SSHGIEC projects as a **Predictive Lifetime Model** for organizations interested in delivering quality with sustenance. This model began with certain expectations which have evolved keeping in mind what has been happening in the industry for sustainability.
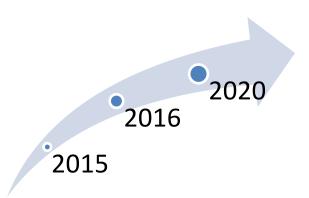
First Level Assessment

- **Does your organization plan for improvements in existing technology for areas such as**
- Equipment and machinery having sustainable cradle to grave lifecycles (based on high-performance, energy efficiency, low emissions, safe disposal etc)? Yes/No

- Energy use? Yes/No

- Water consumption? Yes/No

- Waste management? Yes/No

- Materials management? Yes/No

- Natural systems interface to take advantage of the natural assets at the site, use of day-lighting, the prevailing winds, the microclimate at the building location? Yes/No

- Eco-friendly facility design? Yes/No

- Human health influencers? Yes/No

- Carbon accounting for the built environment? Yes/No

Your notes for why your organization thinks sustainability is important

Describe your value acceleration scenarios

2020

2016

2015

Your notes for why your organization thinks sustainability is important

2020

2016

2015

First Level Assessment

Please post your completed questionnaire to the company's address (53, East Park Road, Between 15th & 16th cross, Malleswaram, Bangalore – 560055) or email the same to venkataoec@gmail.com, so your case for sustainable development and growth is well-understood.

For any further enquiries, or for any clarification you can call us on 91-080-23347424 or +9342867666.

High-order thinking in the business vision
AOEC & SSHGIEC expects its MIR 2020 and its Service Evaluation Review Techniques (SERT) to essentially introduce Quality of Service (QoS) and sustainability in project, product or service lifecycles and associated facility management.

The vision of AOEC & SSHGIEC is to design business lifecycles, facilities, offices and buildings, where there is uninterrupted reliability, safety, fault tolerance, and culture (via a Predictive Lifetime model that simplifies what can be done to control unknown domino effects that can affect the vision for quality, sustainability and excellence).

First Level Assessment

AOEC & SSGGIEC expects its MIR 2020 & SERT initiative to help progressive evolution for adherence towards norms and standards set for sustainable business lifecycles, facilities, offices and buildings.

This initiative complements any business vision, governmental regulation or timely effort for sustainable thinking and delivery via different strategic, tactical or operational steps based on a Predictive Lifetime model.

Take your NEXT Step , place your order for AOEC's MIR (Gap Analysis) Standard for sustainable development and growth.

You can refer to the Foreword that follows to understand the meaning of sustainability,

Quality and Sustained success

Best Practices and Endeavour

Mission and Vision

Towards Sustainable Projects, Products & Services (MIR 2020)

By,

K.S.Venkatram

AOEC & SSHGIEC, 2015-2019

Foreword

What is being sustainable?

(1) **Improving energy use, controlling water consumption, controlling waste generation, reducing occupancy risks and costs**; getting ahead of the regulatory curve; enhancing the environment for day to day living and also improving a project's and its site's, facility's or building's standing in the community.

(2) These goals and initiatives are mainly part of a vision for sustainability that develops a strategic framework that unifies everyone around the aim to optimize benefits in three realms: the environment, the economic, and the social—also known as the triple bottom line.

(3) Every delivery model and its site, facility or building faces a different set of issues, motivators, economic strengths, and environmental forces, so there is no "one-size-fits-all" solution for implementing sustainable practices across the industry.

Foreword

(4) As challenges, pressures and motivations vary from one delivery model to another depending on the location, standards set and circumstance, each project and its site will have its own internal reasons and additionally establish a business case for pursuing any sustainability initiative.

(5) AOEC's toolkit helps in assessing such needs and thereon helps in planning for this effort via a standardized methodology called **MIR 2020**. You can find more details on this in the proof of concept website
www.venkataoec.wixsite.com/mir2020

Foreword

What does sustainability mean?

One explanation could be, it refers to the ability of a system to keep doing what it's doing with excellence over time. A system that is not continually excellent and unsustainable collapses, by extending the previous theoretical argument.

A growing number of research organizations, and scientists are publishing reports on the need for sustainability with information about how global trends such as—climate change, deteriorating natural resources, increasing waste, aggressive competition for market share, political instability is making it difficult for organizations to conduct "business as usual" or for people to live in today's interrelated and interconnected global world.

What is becoming important to conduct "business as usual" or simply live?
We must recognize the sizable impact that projects, or the operating of sites, facilities, or buildings and day to day practices have on the health and safety of occupants, neighbors and on the rest of the world/environment.

Foreword

People must accordingly **understand the importance** (1) of planning for sustainability, (2) of identifying stages for adaptation or implementation and (3) of maintaining their facilities or buildings, where they must take decisions that simultaneously improves the interrelated and interconnected bottom line to not only serve themselves, the community and other businesses, but to also conserve and preserve the environment.

The vital focus must be that all these actions must be good for profitability, for our planet, and for society as a whole.

To plan for and achieve sustainability, we must see things from a **demands based utilization of systems** perspective. In other words, any typical operating environment is made up of countless systems and practices linked together in different cause and effect relationships, and that these systems and practices on being used affect one another, the ecosystem and the environment.

Foreword

A delivery model, its projects, its site, facility or building is a system, and therefore we must understand its structure, key elements and linkages in order to take decisions that lead to a more sustainable and healthy for the environment infrastructure.

Though this may be well-known, it needs to be said, that a site, facility or building requires energy, water, materials, set of practices for operations & maintenance and it produces waste.

AOEC's toolkit includes self-assessments that helps design a strategic plan that recognizes common needs for holistic quality, addresses energy and water use, waste generation, dependency on supply chain elements and outlines what construction companies, third party companies or occupants can do in these areas to work ones way to sustainable project management and delivery.

AOEC's toolkit can help decision-makers prioritize what one must take as most relevant steps to stay ahead in the millennium's path to sustainability.

About the standard

AOEC has put together the MIR 2020 standard that includes an easy-to-adopt self-assessment and guidance framework that can complement existing lifecycle management, project management, site or facility management or building management endeavors.

The handbooks have the following goals:

1. Elevate the recognition and visibility of the need to plan for and work towards sustainability

2. Help differentiate between what is generally known today (about sustainability) and the actual uniqueness /exclusiveness of your project and its site, to thereon help plan for and achieve what is important for your lifecycles

3. To encourage well-understood and credible strategic activity that can draw results for sustainability

About the standard

4. To help understand responsibility and to encourage involvement for a greener tomorrow

5. To develop an in-house methodology /structured management system to periodically evaluate needs for continual excellence and sustainability and to make a meaning of the assessed information

You can read more about this in the complete edition of the standard to make your delivery model for projects, products or services sustainable.

The proof of concept website www.venkataoec.wixsite.com/mir2020 contains a MIR enabling knowledge base to help get your teams started.

MIR stands for Management Index Regulation for Sustainable Development and Growth.

Exclusive insights for sustainability

Exclusive insights for sustainability

- **Exclusive insights for sustainability (continued)**
- Keeping the future in mind, it is important for today's manufacturing organizations to design, implement and support "Clustered business environments with Quick organizational frameworks to accelerate conditioning for Governance, Management and Quality with Autonomous Control".

- AOEC finds that organizations need to immediately assess lacunae, bridge gaps, or orchestrate demand fulfillment with the help of new Sustainable Resource Centers, that can accelerate and improve norms/patterns/behaviors of manufacturers, which can in turn design and control cradle-to-grave lifecycles to suit different needs for climate change mitigation.

- These Resource Centers can be located in industrial zones or belts or mandatory or vulnerable locations, so as to help organizations achieve a new set of practices that add self-fulfillment, self-conditioning and self-critical management for sustainability.

- For first level details refer to the proof of concept websites
- www.venkataoec.wixsite.com/resourcecentre
- www.venkataoec.wixsite.com/exportscentre
- www.venkataoec.wixsite.com/gbrc
- www.venkataoec.wixsite.com/consciousacts

Exclusive insights for sustainability

- **Exclusive insights for sustainability (continued)**

- These Resource Centers could house resources, knowledge bases and assistance to help manufacturers achieve

o Green lifecycles to orchestrate self-healing and self-control

o Certainty control to manage emerging patterns and behaviors

o Hardiness or conditioning for quality, and improved problem determinism

o Desensitization, self-critical risk management and autonomous resolution for climate change related risks, threats, hotspots etc where different issues like in-house latencies, lack of planning, or even failures and problems due to deficient systems can further worsen the situation.

Exclusive insights for sustainability

- **Exclusive insights for sustainability (continued)**

- More specifically, these Resource Centers could bundle **Body of knowledge** specific information for member organizations such as:

- 1. Sustainable quality management theories, programs, structures and functions

- 2. New global (I-catalog) synergy based control systems, management accelerators, gap analysis bridges, delivery systems and assets to achieve the standardizations and conformance deemed necessary

- 3. New sense and respond QoS lifecycles to act according to current or emerging situations for global warming and climate change (QoS stands for Quality of Service lifecycles)

- More details on I-catalog synergy are available in the MIR 2020 (Gap Analysis) standard, where this standard / framework bundles different assessments to help organizations move towards unified preparedness, standardization, and methodologies for continual excellence.