

YOUR 2026-2027 ROAD SUPPORT + ALLY PLANNER

By
AOEC, Gap Analysis 2026-2027

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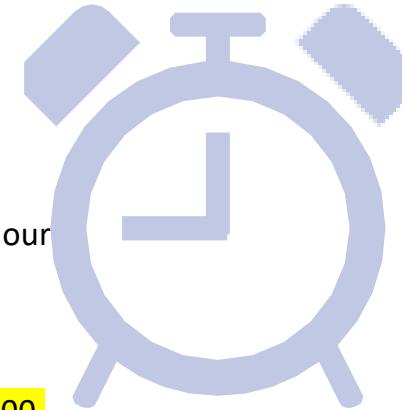
Version: v1.00a.2026 (EARLY EDITION)

Available on Purchase
Planner to sensitize,
review and implement
Quality promotion for
road infrastructure
support and allied
condition management



Onboarding the Planners for Educational institutions

- To get started, Please find our **Road Safety & Accountability Calendar** for the year 2026-2027
- To delve further, We offer subscription-based **Road Safety & Accountability Planners (2)** for the year 2026-2027 at the **price of INR 1,000/- for unlimited distribution** of the Planner PDF(s) to the departments/faculties/students via our subscription-based website.
- To work ahead of baseline planning, We also provide solution finding for your specific Road Safety & Accountability needs via our case studies, empirical studies and NSC/NSSR training programmes priced at **INR 10,000 and above** for an institution, its admissions & supportive management offices and business units/channels.
- Contact us for more details or use the **included QR code / invoice details** for payments for unlimited distribution
- Regards
- Venkatram K S and team
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भारत सरकार वाला उपयोगम् A Government of India Undertaking

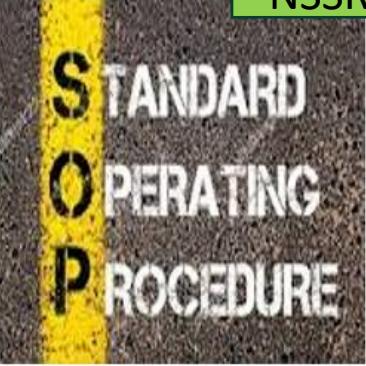


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UNIVERSAL PLANNER



NSSR Objectives



SOCIAL
RESPONSIBILITY

SA 8000

NSSR THEME
HANDBOOKS

Trends and
Investment Cycle

NSSR Theme
Quality
Promotion
for a Voice of
Value



Right to Education



Green Thinking



End of lifecycle



Lite emergence

Quality Promotion

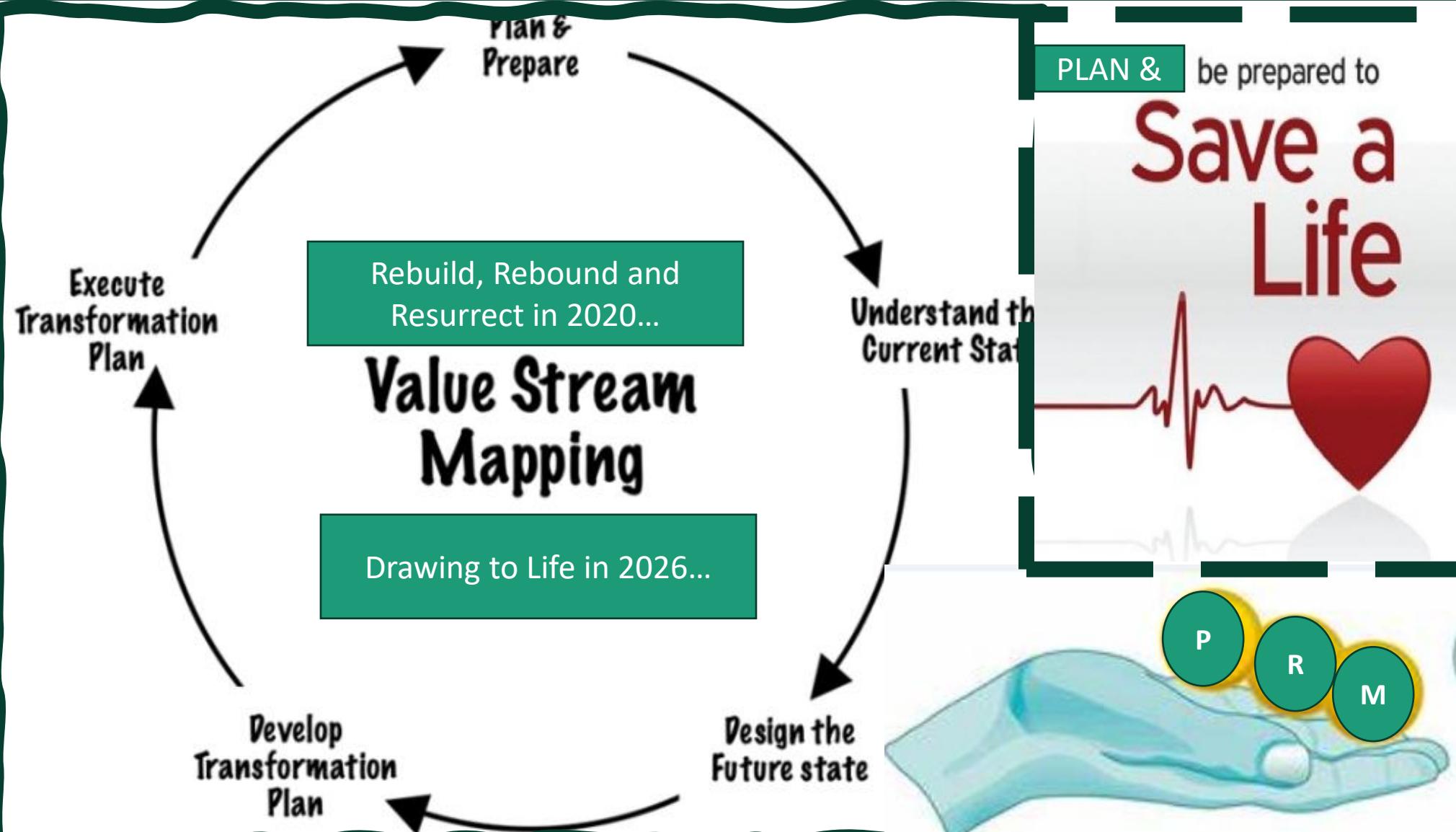
Value Stream
Mapping



UNIVERSAL ASSISTANCE



- ✓ *WE BELIEVE THAT helping institutions in being well informed is a year long motto rather than a visionary after-incidence-or-supportive policy.*
- ✓ *Our vision is to enable a school, college, institution, department, project team, student, family or social circle with or without alpha (young, afflicted or impaired or aged) dependents to*
- ✓ *Use our Planner (though detailed) to be proactive for life saving health & wellness*
- ✓ *Use our different strategies and cards to plan what is to be done while experiencing a breakdown or incidence on-road*
- ✓ *Record important details for the year 2026 to keep safe and keep sensitized*



2026 January*

START OF THE YEAR GOAL SETTING



SUN		4	11	18	25
MON		5	12	19	26
TUE		6	13	20	27
WED		7	14	21	28
THU	1	8	15	22	29
FRI	2	9	16	23	30
SAT	3	10	17	24	31

2026 February



SUN	1	8	15	22	
MON	2	9	16	23	
TUE	3	10	17	24	
WED	4	11	18	25	
THU	5	12	19	26	
FRI	6	13	20	27	
SAT	7	14	21	28	

2026

March



SUN	1	8	15	22	29
MON	2	9	16	23	30
TUE	3	10	17	24	31
WED	4	11	18	25	🚫
THU	5	12	19	26	
FRI	6	13	20	27	
SAT	7	14	21	28	

2026 April



SUN		5	12	19	26
MON		6	13	20	27
TUE		7	14	21	28
WED	1	8	15	22	29
THU	2	9	16	23	30
FRI	3	10	17	24	🚫
SAT	4	11	18	25	

2026

May

MAY DAY / MID YEAR GOAL REVIEW



SUN	31 	3	10	17	24
MON		4	11	18	25
TUE		5	12	19	26
WED		6	13	20	27
THU		7	14	21	28
FRI	1	8	15	22	29
SAT	2	9	16	23	30

2026

June



MONSOON SEASON ISSUES REVIEW

SUN		7	14	21	28
MON	1	8	15	22	29
TUE	2	9	16	23	30
WED	3	10	17	24	🚫
THU	4	11	18	25	
FRI	5	12	19	26	
SAT	6	13	20	27	

2026

July



MONSOON SEASON ISSUES REVIEW

SUN		5	12	19	26
MON		6	13	20	27
TUE		7	14	21	28
WED	1	8	15	22	29
THU	2	9	16	23	30
FRI	3	10	17	24	31
SAT	4	11	18	25	🚫

2026

August



MONSOON SEASON ISSUES REVIEW

SUN	30	2	9	16	23
MON	31	9	10	17	24
TUE	🚫	4	11	18	25
WED		5	12	19	26
THU		6	13	20	27
FRI		7	14	21	28
SAT	1	8	15	22	29

2026

September

MONSOON SEASON ISSUES REVIEW



SUN		6	13	20	27
MON		7	14	21	28
TUE	1	8	15	22	29
WED	2	9	16	23	30
THU	3	10	17	24	🚫
FRI	4	11	18	25	
SAT	5	12	19	26	

2026

October



MONSOON SEASON ISSUES REVIEW

SUN		4	11	18	25
MON		5	12	19	26
TUE		6	13	20	27
WED		7	14	21	28
THU	1	8	15	22	29
FRI	2	9	16	23	30
SAT	3	10	17	24	31

2026

November

WINTER SEASON ISSUES REVIEW



SUN	1	8	15	22	29
MON	2	9	16	23	30
TUE	3	10	17	24	
WED	4	11	18	25	
THU	5	12	19	26	
FRI	6	13	20	27	
SAT	7	14	21	28	

2026

December



WINTER SEASON ISSUES REVIEW AND END OF YEAR DASHBOARD DETAILING

SUN		6	13	20	27
MON		7	14	21	28
TUE	1	8	15	22	29
WED	2	9	16	23	30
THU	3	10	17	24	31
FRI	4	11	18	25	
SAT	5	12	19	26	

Road safety and Accountability Dashboard for the Year

- Certificate of Excellence YES / NO / NOT SATISFACTORY
- Traffic issues or incidences YES / NO / NOT SATISFACTORY
- Compliance with FMVSS standards YES / NO / NOT SATISFACTORY
- Onboarding of NSSR Road Safety objectives YES / NO / NOT SATISFACTORY
- Upgradability of NSSR Road Infrastructure objectives YES / NO / NOT SATISFACTORY
- Traffic Engineering Assets planning YES / NO / NOT SATISFACTORY
- Traffic Engineering Defects Liability YES / NO / NOT SATISFACTORY
- Improved on-road assistance YES / NO / NOT SATISFACTORY
- Cost of Quality /Cost of Poor-Quality Project Assistance YES / NO / NOT SATISFACTORY
- Complexity for Road Safety and Accountability YES / NO / NOT SATISFACTORY

Year:



**STRATEGIC
PLANNING**



**TACTICAL
PLANNING**

**OPERATIONAL
PLANNING**



Road safety and Accountability Dashboard for the Year/Season 1

- Certificate of Excellence YES / NO / NOT SATISFACTORY
- Traffic issues or incidences YES / NO / NOT SATISFACTORY
- Compliance with FMVSS standards YES / NO / NOT SATISFACTORY
- Onboarding of NSSR Road Safety objectives YES / NO / NOT SATISFACTORY
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- Improved on-road assistance YES / NO / NOT SATISFACTORY
- Cost of Quality /Cost of Poor-Quality Project Assistance YES / NO / NOT SATISFACTORY
- Complexity for Road Safety and Accountability YES / NO / NOT SATISFACTORY

STRATEGIC PLANNING



OPERATIONAL PLANNING

Road safety and Accountability Dashboard for the Year/Season 2

- Certificate of Excellence YES / NO / NOT SATISFACTORY
- Traffic issues or incidences YES / NO / NOT SATISFACTORY
- Compliance with FMVSS standards YES / NO / NOT SATISFACTORY
- Onboarding of NSSR Road Safety objectives YES / NO / NOT SATISFACTORY
- Upgradability of NSSR Road Infrastructure objectives YES / NO / NOT SATISFACTORY
- Traffic Engineering Assets planning YES / NO / NOT SATISFACTORY
- Traffic Engineering Defects Liability YES / NO / NOT SATISFACTORY
- Improved on-road assistance YES / NO / NOT SATISFACTORY
- Cost of Quality /Cost of Poor-Quality Project Assistance YES / NO / NOT SATISFACTORY
- Complexity for Road Safety and Accountability YES / NO / NOT SATISFACTORY

STRATEGIC PLANNING



OPERATIONAL PLANNING

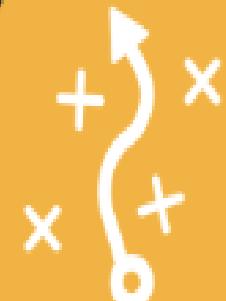
Season: Summer / Spring/ Monsoon/ Winter

Road safety and Accountability Dashboard for the Year/Season 3

- Certificate of Excellence YES / NO / NOT SATISFACTORY
- Traffic issues or incidences YES / NO / NOT SATISFACTORY
- Compliance with FMVSS standards YES / NO / NOT SATISFACTORY
- Onboarding of NSSR Road Safety objectives YES / NO / NOT SATISFACTORY
- Upgradability of NSSR Road Infrastructure objectives YES / NO / NOT SATISFACTORY
- Traffic Engineering Assets planning YES / NO / NOT SATISFACTORY
- Traffic Engineering Defects Liability YES / NO / NOT SATISFACTORY
- Improved on-road assistance YES / NO / NOT SATISFACTORY
- Cost of Quality /Cost of Poor-Quality Project Assistance YES / NO / NOT SATISFACTORY
- Complexity for Road Safety and Accountability YES / NO / NOT SATISFACTORY



STRATEGIC PLANNING



TACTICAL PLANNING



OPERATIONAL PLANNING

Road safety and Accountability Dashboard for the Year/Season 4

- Certificate of Excellence YES / NO / NOT SATISFACTORY
- Traffic issues or incidences YES / NO / NOT SATISFACTORY
- Compliance with FMVSS standards YES / NO / NOT SATISFACTORY
- Onboarding of NSSR Road Safety objectives YES / NO / NOT SATISFACTORY
- Upgradability of NSSR Road Infrastructure objectives YES / NO / NOT SATISFACTORY
- Traffic Engineering Assets planning YES / NO / NOT SATISFACTORY
- Traffic Engineering Defects Liability YES / NO / NOT SATISFACTORY
- Improved on-road assistance YES / NO / NOT SATISFACTORY
- Cost of Quality /Cost of Poor-Quality Project Assistance YES / NO / NOT SATISFACTORY
- Complexity for Road Safety and Accountability YES / NO / NOT SATISFACTORY

STRATEGIC PLANNING



OPERATIONAL PLANNING

Season: Summer / Spring/ Monsoon/ Winter

Ease of Doing Business in 2026-2027





Quality Promotion for Road Safety/Support

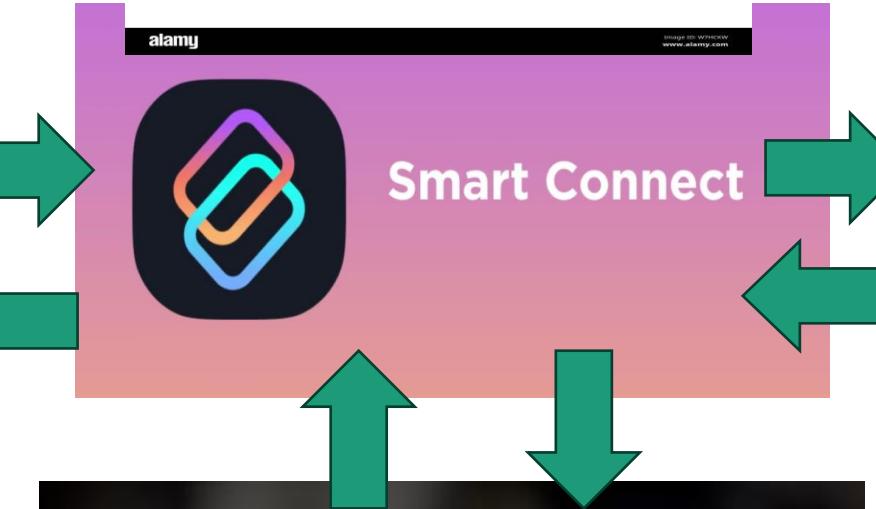
REDUCING COST OF POOR QUALITY VIA NSSR SAFETY / SUPPORT PROGRAMMES



Road Safety / Support Planner (2026)



KNOWLEDGE MANAGEMENT INDEX



PROCESS CAPABILITY INDEX



Accountability/
AI/BI/CQI



Ward(s)

- _____ Ward No

Help Accountability/AI/BI/CQI for

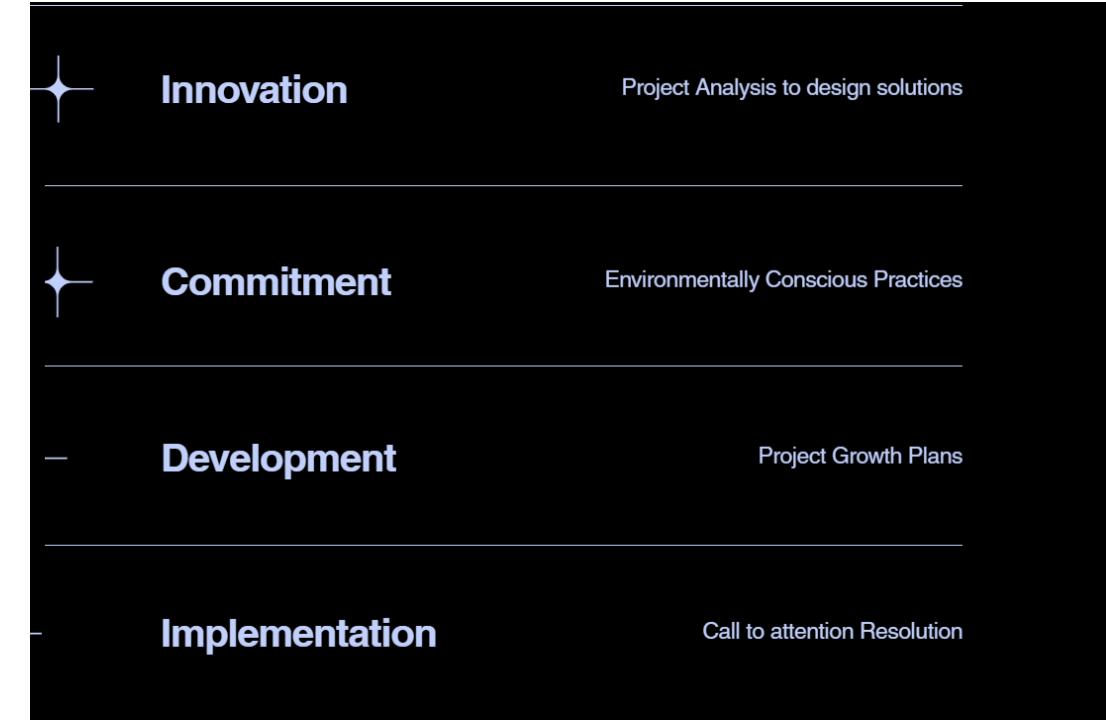
**National Safety Social Responsibility Top
10 insights for (Road) Safety
Programmes**

**National Safety Social Responsibility Top
10 insights for Co-achieving Support
Programmes**





(P-R-M) Preparedness- Readiness-and-Mitigation is a key to Road Safety / Support management



Ask for a case study / empirical study by sending us a message with the subject “Case study” and your Whatsapp number

Ask for a report by sending us a message with the subject “EIA” and your Whatsapp number

Environmental Impact Assessment

Our climate change assessment services focus on evaluating the impact of different management concepts that align with sustainable development and growth objectives, ensuring long-term social wellness and environmental sustainability

NSSR (RS*) Road Safety / Road Infrastructure Support for: Year 2026-2027

NSSR (RS*) version: 1.00.2026 (WIP 2)

NSSR (RI QoS Foundation) version: 1.00.2026 (WIP 2)

NSSR (RSI and RI-QoS) Ward: _____, _____, _____, _____ and _____ Ward Nos

- NSSR Programme solutions: Road Safety Intelligence
- Summary: This Planner includes a highlight of the NSSR Programme with applicable membership details and subscription based links to URL(s) that contain upto-date information

- NSSR Programme solutions: Road Infrastructure Support QoS Foundation
- Summary: This Planner includes a highlight of the NSSR Programme with applicable membership details and subscription based links to URL(s) that contain upto-date information



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NSSR Road Safety Intelligence (Selection as applicable):

- Top 10 Questions/Issues (via Bulletins)
- Baseline Solutions (via the Road Safety/Support Planner)
- Case Study Solutions (via the Road Safety/Support Planner + Case studies)
- Empirical Study Solutions (via the Road Safety/Support Planner + Empirical studies)
- Dashboard and Reports (via the Road Safety/Support Planner + Engaged Leadership and Learning)

NSSR (RI QoS Foundation) (Selection as applicable):

- Top 10 Questions/Issues (via Bulletins)
- Unique Needs Solutions / Unique Requirements Solutions (via the Road Safety/Support + **Ally Planner**)
- Case Study Solutions (via the Road Safety/Support + **Ally Planner** + Case studies)
- Empirical Study Solutions (via the Road Safety/Support + **Ally Planner** + Empirical studies)
- Dashboard and Reports (via the Road Safety/Support + **Ally Planner** + Engaged Leadership and Learning)

NSSR Membership Benefits Analysis via (Selection as applicable):

- Monthly Bulletins (Top 10 Issues and NSSR Objectives)
- Staged Analysis (via Case studies and/or Empirical Studies)
- CQI Feedback (via Logistics Assessments)
- NSSR RS* Ticketing (via the COPQ Project Centre)

NSSR Membership (Level of data analysis and reportability) (Selection as applicable):

- Top 10 Issues Guidance (via the NSSR Road Safety/Support Programme)
- NSSR Objectives Guidance (via the NSSR Road Safety/Support Planner)
- COPQ Project Centre Guidance (via NSSR Road Safety/Support Asset Development)
- COPQ Case Study / Empirical Study Guidance (via NSSR Road Safety/Support Asset Development and CS/ES)
- NSSR Road Safety Hub Guidance (via NSSR Road Safety/Support Asset Development and Road Safety Hub Assessments)

NSSR Road Safety
Intelligence (Access will be
enabled as applicable):

- COPQ Ward related Project Centre
- URL: Will be disclosed on subscription
- COPQ Environmental Impact Assessment / Edu System Essentials Project Centre
- URL: Will be disclosed on subscription
- Ease of Education Intelligence (NEXT Generation)
- URL: <https://venkataoec.wixsite.com/ease-of-education>
- Road Safety Intelligence (NEXT Generation)
- URL: <https://venkataoec.wixsite.com/roadsafety-edu-centr>



NSSR RI QoS Foundation(Access will be enabled as applicable):

- COPQ Ward related Project Centre
- URL: Will be disclosed on subscription

- COPQ Environmental Impact Assessment / Edu System Essentials Project Centre
- URL: Will be disclosed on subscription

- Road Infrastructure Support (Legacy)
- URL: <https://venkataoec.wixsite.com/safercommuting>

- Road Safety Intelligence (NEXT Generation)
- URL: <https://venkataoec.wixsite.com/roadsafety-edu-centr>



QR code for subscription payments

Small Office Home Office Consultancy name: AOEC

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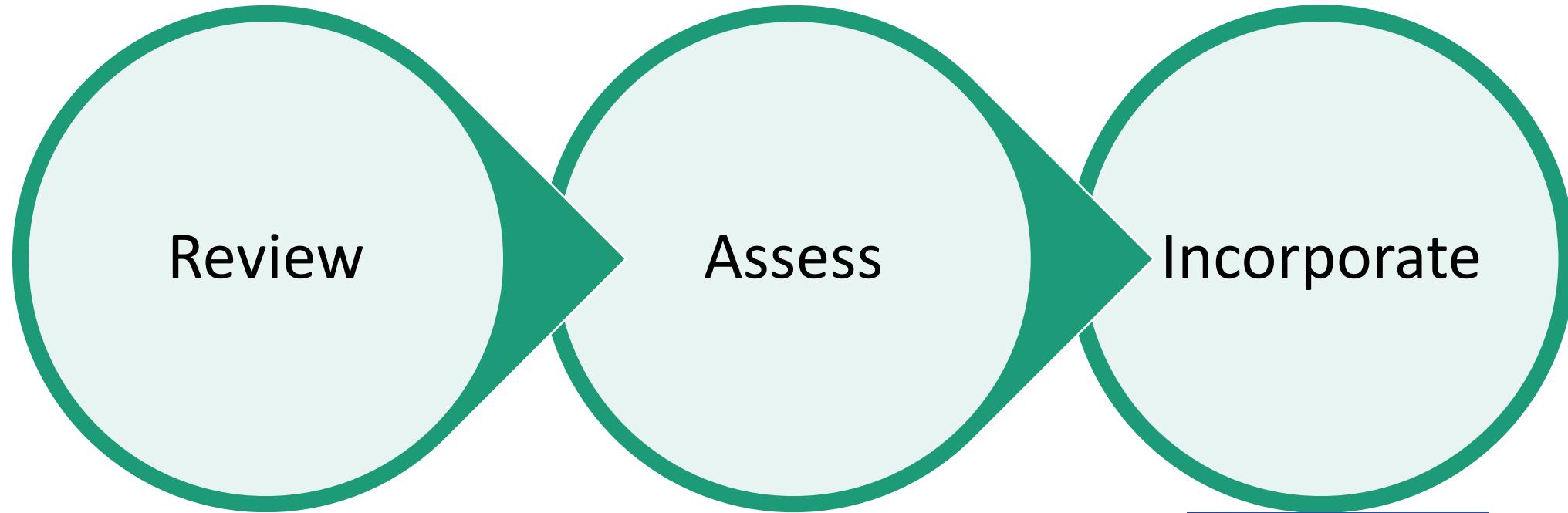
Call for estimates based case studies, empirical studies, events and training programmes

Vision:

Road Safety/Support
Planner

**Deliver targeted need,
analytics, reports and
case studies via a
Project Centre**

(Vision for the Road Safety/Support Planner)



NSSR ROAD SAFETY PROGRAMME (2026)

- Planner for Accountable Participation -



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By our planner/programme, your institution is ready to step further for road safety. Your next steps are to – Review Line icons & actions for

Drive India NSSR-RS Unit 1 (Mandatory Traffic Signs)

Drive India NSSR-RS Unit 2 (Cautionary Traffic Signs)

Drive India NSSR-RS Unit 3 (Information/Danger/Alarm/
Emergency Traffic Signs)

Drive India NSSR-RS Unit 4 (Drowsy Driving)

Drive India NSSR-RS Unit 5 (Fog or Night Driving)

Drive India NSSR-RS Unit 6 (Road System
Responsiveness)

Drive India NSSR-RS Unit 7 (Driving conditions
Responsiveness)

Drive India NSSR-RS Unit 8 (First Aid and Fire Safety
Responsiveness)

Drive India NSSR-RS Unit 9 (Alpha Assistance
Responsiveness)

Drive India NSSR-RS Unit 10 (CCMA & Route Editioning)

TOP 10 QUESTIONS FOR ROAD SAFETY...

Centre of Excellence-integrated facility

Ease of Education

Risk Profile

Edu System Essential Requirements

Liquidity and Income need

Asset Plan

Contingency Plan

PESTLE implications

Public Welfare / CSR

Organizers:

> AOEC, Gap Analysis

IT and non-IT

> NSC, Safety Council

Bengaluru Chapter

2W Performance Analysis,
Information, Components
and Systems for NSSR-RS

PASS-4W Performance
Analysis, Information,
Components and Systems for
NSSR-RS

CMMV Performance Analysis,
Information, Components
and Systems for NSSR-RS

Ambulances, Air Ambulances

Graded payload or goods
movement

Special Needs Vehicles

Over the air / supportive
communication

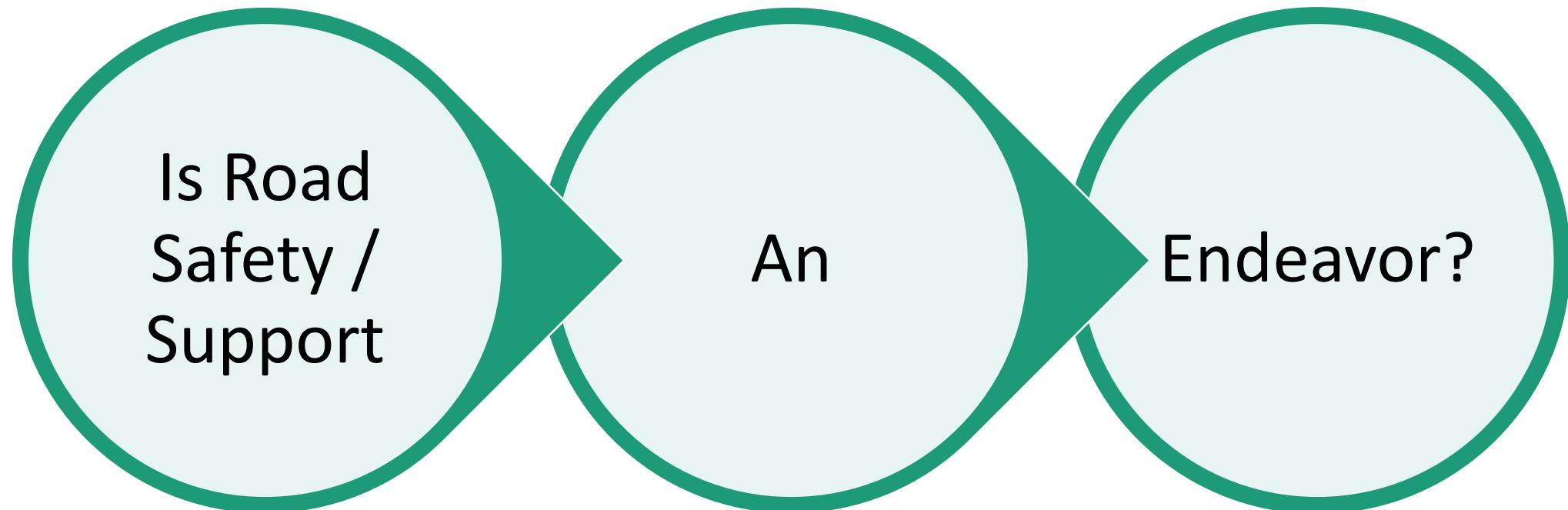
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Subscription Index	Subscription Name	Details	Amount (in INR)
RSS-SUB-1A	Road Safety Planner	Electronic version of the Road Safety Planner with connected distribution rights for the institution	1,000
RSS-SUB-1B	Road Safety Planner and Road Support Ally Planner	Electronic version of the Road Safety Planner and Ally Planner with special distribution rights for the institution	Work in progress
RSS-SUB-2A	Active Biz programme for Road Safety Intelligence	Electronic version of the RSS Planner with connected distribution rights for the institution with monthly bulletins of COPQ issues and NSSR objectives 	10,000 to 15,000
RSS-SUB-2B	Active Co-achieving programme for Road System Infrastructure	Electronic version of the Ally Planner with connected distribution rights for the institution with monthly bulletins of COPQ issues, NSSR objectives and NSSR Ally services for condition monitoring and reporting	Work in progress
RSS-SUB-3A	Active In-time EASE OF EDUCATION/EDU SYSTEM ESSENTIALS (Support Centre) programme	Subscription URL:	Work in progress
RSS-SUB-3B	Active In-time COPQ-Q-CENTRE (Support Centre) programme	Subscription URL:	Work in progress

Subscription Index	Subscription Name	Details	Amount (in INR)
RSS-SUB-4A	Active In-time EASE OF EDUCATION/EDU SYSTEM ESSENTIALS (Support Centre) programme plus Case Studies and Empirical Studies	Subscription URL: Case studies URL: Empirical studies URL:	Work in progress
RSS-SUB-4B	Active In-time COPQ-Q-CENTRE (Support Centre) programme plus Case Studies and Empirical Studies	Subscription URL: Case studies URL: Empirical studies URL:	Work in progress
RSS-SUB-5A	Accelerator EASE OF EDUCATION/EDU SYSTEM ESSENTIALS (Support Centre) programme plus E2L, Asset Development, Dashboards and Reports	Subscription URL: Accelerator URL:	Work in progress
RSS-SUB-5B	Accelerator COPQ-Q-CENTRE (Support Centre) programme plus E2L, Asset Development, Dashboards and Reports	Subscription URL: Accelerator URL:	Work in progress

QUALITY PROMOTION? OR ASSET DEVELOPMENT?





SMARTER CONDITION
MONITORING
SOLUTIONS
2026-2027



Asset Catalogue

[ə-,set]

A resource with economic value that an individual, corporation, or country owns or controls with the expectation that it will provide a future benefit.



Top 10 Opportunities for your

Asset Catalogue

1. Quality programming of Supply chain
2. Dealer/Vendor Relationship Management
3. Supplier Relationship Management
4. Customer Relationship Management
5. Evaluation and management of STRIDE & PESTLE issues
6. Inventory Management
7. Warehouse Management
8. Vehicle Learning
9. SD&G Intelligence
10. Engaged Leadership and Learning

Asset Catalogue based PROJECT performance AND service assessment features

Engaged leadership for capturing opportunities for improvement, evaluating them, implementing them, measuring them and sharing the knowledge / learning, where this is assisted by

- Compliance With Standards
- Practicing of Process Discipline
- Process and operational efficiency
- Maximum and Sustainable resource utilization
- Teamwork and organizational culture
- Definition of value from the Customer's Point of View
- Common understanding of Performance Budgeting and Cost of Quality
- Incorporation of PROCESS / QCD METHOD VARIATION studies
- Holistic Problem solving
- Leveraging of Improvement specific Management methods/tools/techniques



Degradation in Quality and Accentuated Logistics

To deploy transformative CMS solutions for a quality accentuated ward or connected ward experience, there are factors such as:

- Demand/supply planning & Logistics
- CCMA / Degradation in Quality algorithm programming or CMS Process improvement (CMSPI) without disruption, with adherence to multi-regulated norms, and the protection of organizational or connected investments
- Right to choreographed Information/Sensitization for addressable areas and problem solving
- Dealer/Vendor Relationship Management
- Supplier Relationship Management
- Customer Relationship Management
- STRIDE & PESTLE issues



Understanding Logistics

Manufacturing and Parts production organizations depend on Quality programming of Supply Chain Logistics for

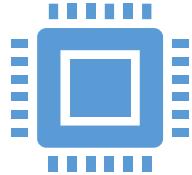
- ❖ Packaging
- ❖ Transportation via Air, Ocean, Rail, Surface (Road)
- ❖ Distribution
- ❖ Warehousing
- ❖ Insurance Brokerage
- ❖ Delivery

where there is focus on inelastic, elastic and semi-elastic need for the supply chain's products, for improved responsiveness.

We recommend a CMS solution where there is an effort to map, choreograph or reduce issues due to road systems and infrastructure.

Without Quality programming for CMS solutions, the supply chain logistics for all this is wide open

Specific Logistics and need for Data



Data needed for Logistics

- Product descriptions
- Inventory (Source) volume
- Demand (Sink) volume
- Location information (name, city, country)
- Time period descriptions
- Route descriptions
- Transport modes types and costs



Sources of data for Logistics

- ERP systems
- Order management systems
- Material management systems
- Route optimization systems
- IoT systems



Specific Logistics and Data available

Data available for Logistics

- Product descriptions
- Inventory (Source) volume
- Demand (Sink) volume
- Location information (name, city, country)
- Time period descriptions
- Route descriptions
- Transport modes types and costs

Where is data science used in logistics and supply chaining

- Inventory management
- Autonomous delivery
- Autonomous delivery vehicles
- Autonomous assistants (Lowe bots in stores to guide by details on location of goods)

Logistics and Analysis

Road systems and Analysis to improve Logistics

- ❖ Inventory management
- ❖ Warehouse management
- ❖ Supplier Risk management
- ❖ Maintaining perishable products integrity
- ❖ Increased customer satisfaction (based on returns of goods, damaged goods, or returns to vendor stock)
- ❖ Demand forecasting
- ❖ Route optimization
- ❖ Developing metrics
- ❖ KPI Performance management

Logistics and Metrics/KPI(s)

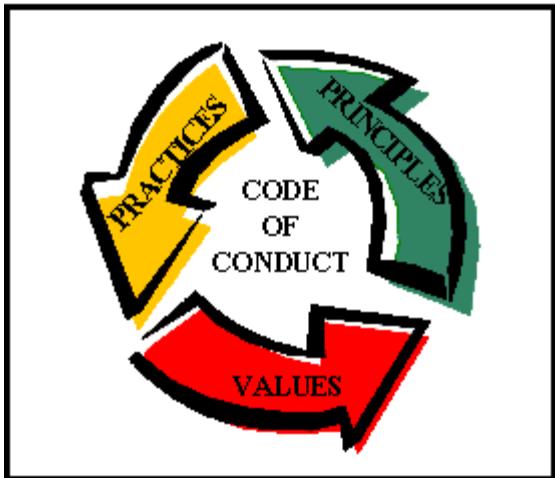
Metrics for Logistics

- Sourcing metrics
- Facility metrics
- Inventory metrics
- Information metrics
- Pricing metrics
- Big data metrics

KPIs for Logistics

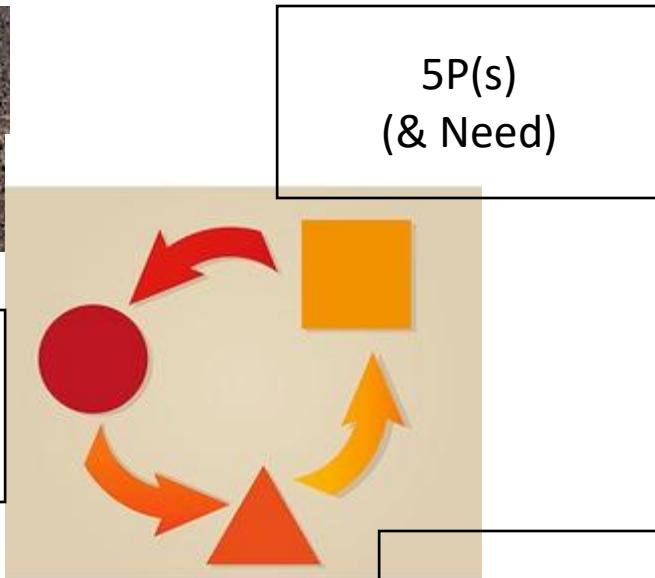
- Supplier KPIs
- Warehouse KPIs
- Transportation KPIs
- Customer KPIs

The theory behind Quality programming of Supply chains



Producers
(& Supply)

5P(s): Products, Places, Promotions, Prices,
PROFILES



Connect Demand
with Supply

Logistics and Sourcing metrics



5P(s) and Sourcing metrics

- Supplier relationship
- Supply lead time
- Supply quality
- % of on-time deliveries
- Average purchase price
- Range of purchase price
- Average purchase quantity
- Days payable outstanding

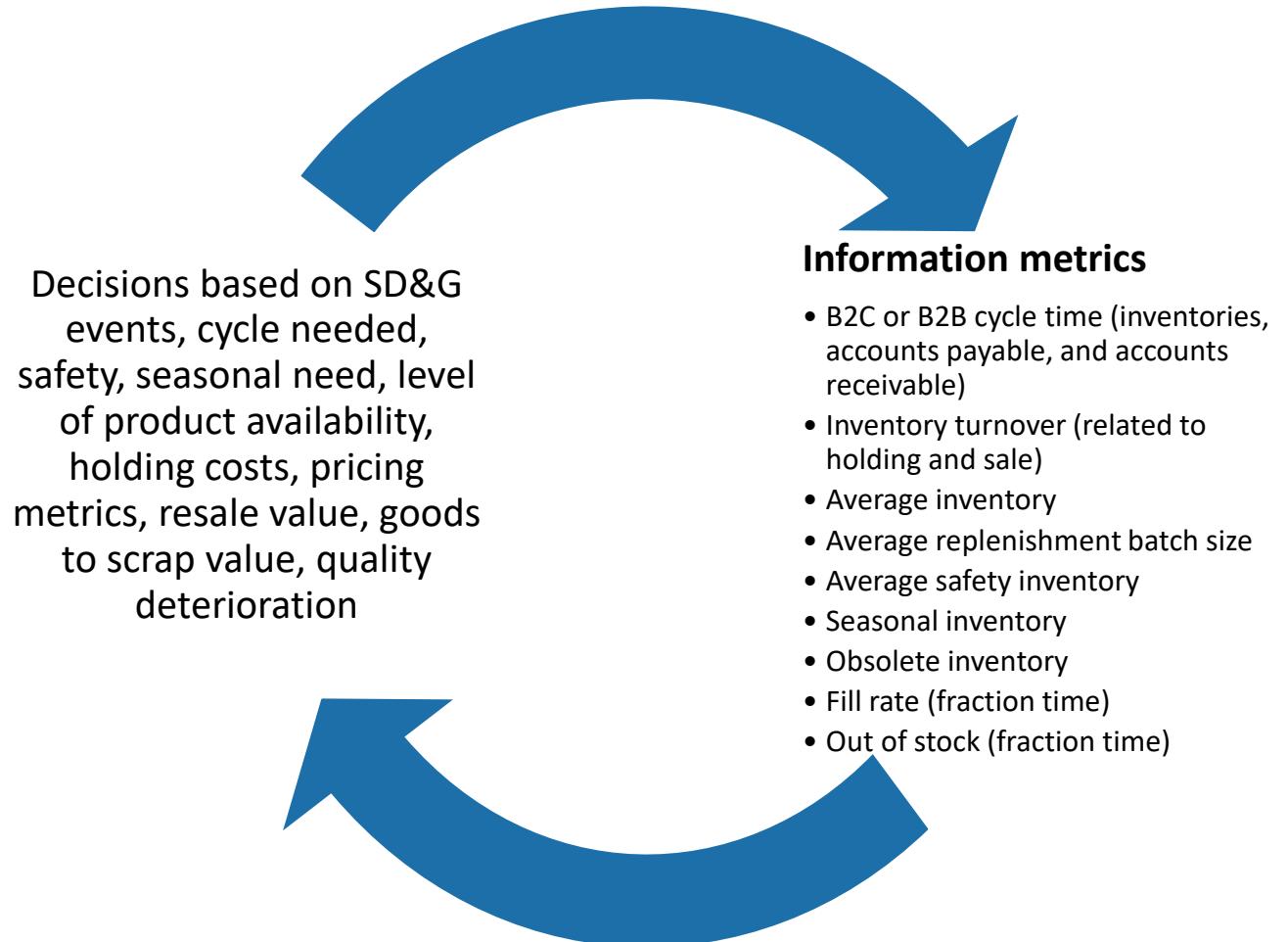
Logistics and Production metrics

5P(s) and Production metrics

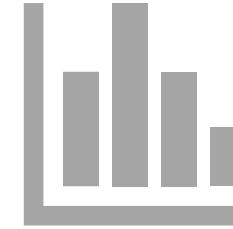
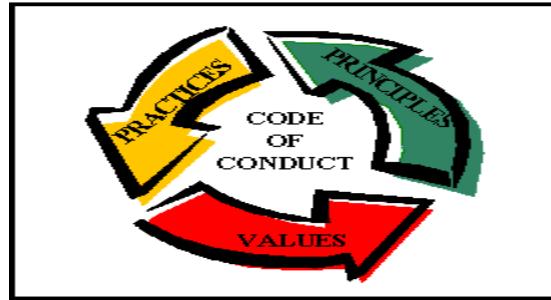
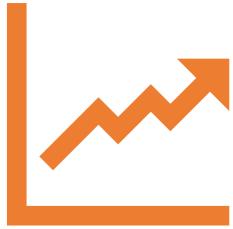
- Capacity
- Utilization
- Downtime or idle time
- Product Variety
- Average product size
- Production service level
- Volume contribution for 20% of customers
- Quality losses
- Cycle specific Setup time or processing time
- Production cost per unit
- Theoretical flow or cycle time
- Actual average flow or cycle time



Logistics and Information metrics



Logistics and evolving metrics for production / supply



Information metrics

Forecast horizon
Forecast error
Variance from plan
Ratio of demand variance and order variability
Frequency of updation

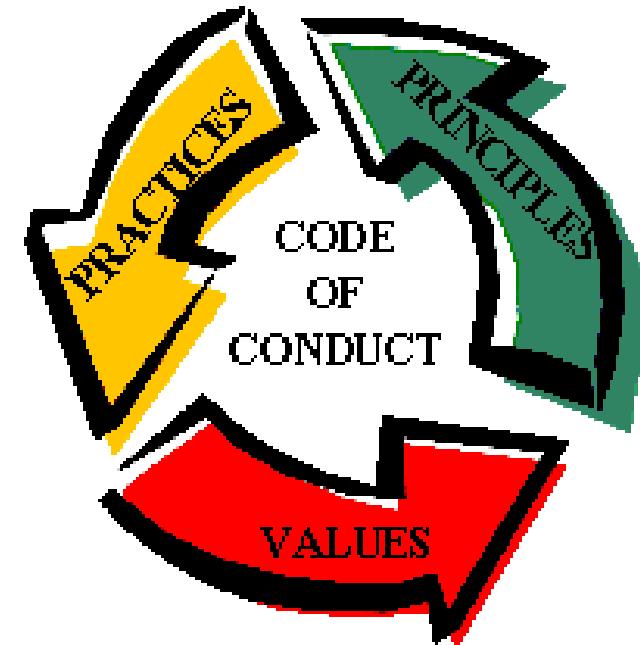
Big data metrics

Volume
Variety
Velocity of updation
Veracity or conformity to facts

Logistics and Pricing metrics

Pricing metrics

- Profit margin
- Average production rate
- Average range of production
- Range of production versus sales
- Average order size
- Increased fixed cost per order
- Increased variable cost per order
- Dynamics afflicted cost per order



Logistics and 5P(s) specific KPI(s)

5P(s): Products, Places, Promotions,
Prices, PROFILES

- SMART Crisis Reduction (CR) Integration specific TR Studio Profiles
- SMART Ward Integration specific TR Studio Profiles
- SMART Buildings/Facilities Integration specific TR Studio Profiles
- SMART Organization Integration specific TR Studio Profiles

Business Network Demand/Supply KPIs

- Reliability, that is the number of goods supplied on time and in good condition (as a batch/shipment, total goods)
- Multiple new stocks or demand-fulfilling deliveries each B2C or B2B cycle

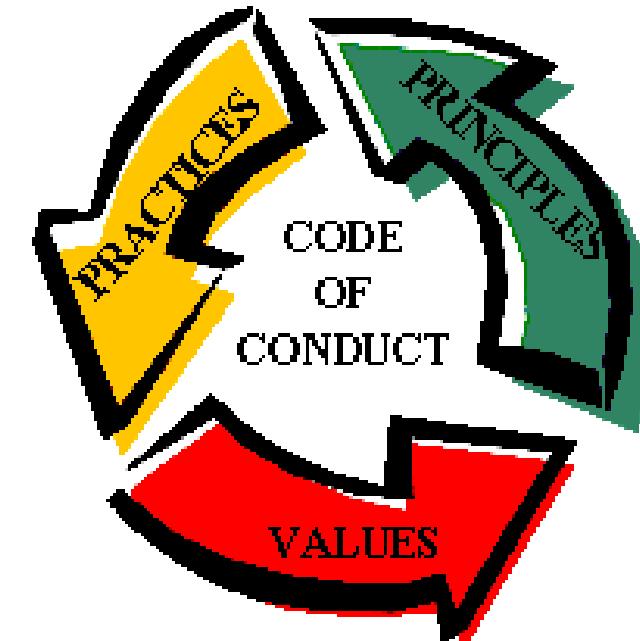
Business Network Warehouse KPIs

- Warehouse utilization (occupied area/total area)
- Storage duration
- Inventory cost rate (inventory cost/inventory value)
- Sum of material outflow

Logistics and Transportation KPI(s)

Transportation KPIs for Supply Chain/Business Network

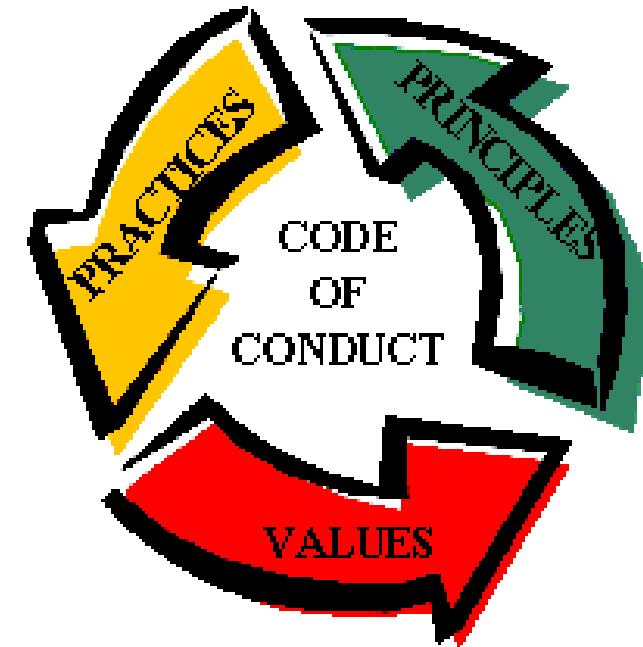
- Road System Analysis for B2C or B2B cycle time
- On-time deliveries
- Cost per transport
- Average outbound and inbound transportation cost
- Average outbound and inbound shipment size
- Fraction transported by a mode
- Average outbound and inbound transportation cost per shipment



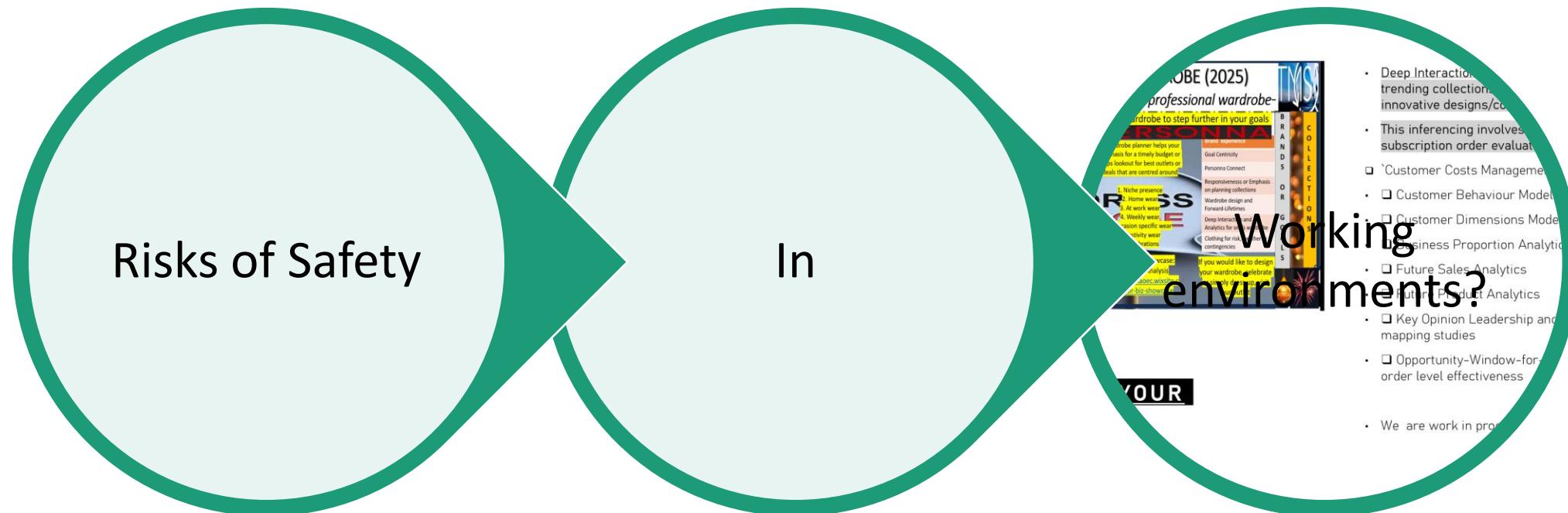
Logistics and Supply Chain / Business Network/Team KPI(s)

Supply Chain/Business Network KPIs

- SMART Resolution of logistics issues
- Network satisfaction (based on returns of goods, damaged goods, or returns to vendor stock)
- Timing and frequency of need
- Complaints and redressal
- Needs-understanding trends
- Demand-fulfilment trends
- Defection trends for next events
- Responsiveness for road system dynamics



QUALITY PROMOTION? OR ASSET DEVELOPMENT?







WHAT IS SAFETY IN THE WORKPLACE?



Employee Health and Safety programme

Audits & Inspections

Alertness Tracking

Document Control

Incident Management

Journey Management

Lone Worker

Risk Management

Safety Observations

Roster Analysis

Fatigue Analysis

Training Tracking



Safety audits and inspections are proactive processes designed to identify hazards, assess compliance, and evaluate the effectiveness of safety programs.

Inspections focus on observing and correcting immediate risks in the workplace, audits take a broader view—examining systems, policies, and procedures to ensure long-term compliance and continuous improvement.

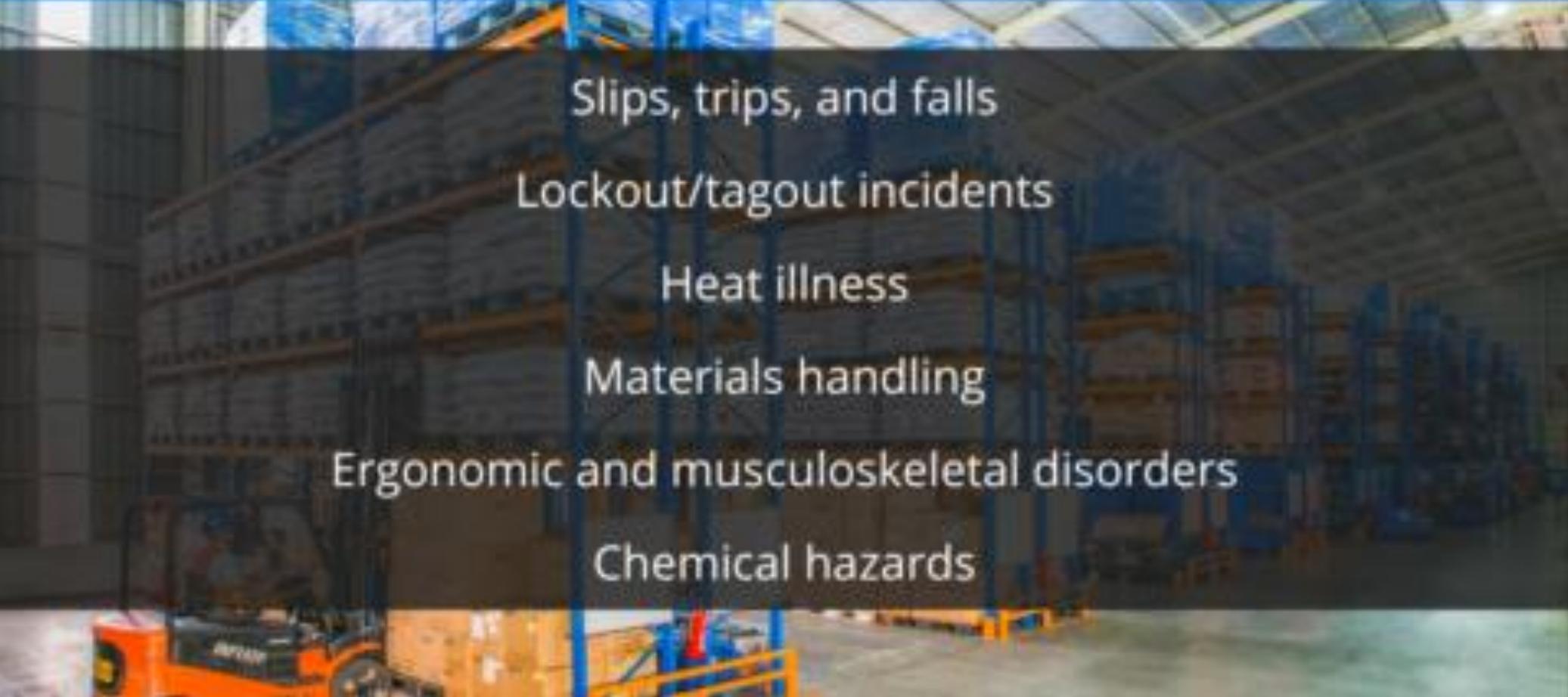
Conducting regular audits helps organizations maintain regulatory readiness, uncover gaps before they result in incidents, and foster a culture of accountability and prevention across every level of the business.

Risks Associated with Lone Workers

- 1 Physical Violence
- 2 Health Emergencies
- 3 Environmental Dangers
- 4 Mental Health Challenges
- 5 Limited Access to Opportunities



Common Warehouse Safety Hazards



Slips, trips, and falls

Lockout/tagout incidents

Heat illness

Materials handling

Ergonomic and musculoskeletal disorders

Chemical hazards

Signs of unsafe work conditions

- Poor housekeeping
- Faulty equipment
- Lack of safety training
- Inadequate ventilation
- Unsafe work practices





WARNING
CCTV and VIDEO RECORDING
IS BEING USED ON THESE
PREMISES FOR CRIME
PREVENTION & PUBLIC
PROTECTION

SITE SAFETY

All visitors and drivers must report to site office



High visibility
jackets
must be worn



Report all
accidents
immediately



Protective
footwear
must be worn



Safety helmets are
provided for your safety
and must be worn



Site speed limit



Danger
Deep excavations



Danger
Stop. Look. Listen.
Beware of trucks



Danger
Overhead cables



No access
for unauthorised
personnel



Children must not
play on this site



Risks to Health & Safety in workplaces

Workplace hazards refer to anything in a work environment that can cause harm to employees or pose a risk to their health and safety. Here are 10 common types of workplace hazards and ways to prevent them:

- 1. Slips, Trips, and Falls
- 2. Ergonomic hazards
- 3. Fire and Explosion hazards
- 4. Electrical hazards
- 5. Chemical hazards
- 6. Biological hazards
- 7. Noise hazards
- 8. Working at heights
- 9. Workplace violence and disturbances
- 10. Vehicle accidents and crashes

Proactive hazard management

By identifying and addressing potential hazards before they lead to accidents or injuries, employers can significantly reduce the risks associated with various workplace activities.

Implementing effective prevention strategies for the top workplace hazards, as outlined in the ally planner, can help protect employees from harm and minimize the costs associated with accidents, injuries, and lost productivity.



Impact Risk



Cut Risk



Electrical Risk



Abrasion & Scrapes



Extreme Temperatures



Musculoskeletal Disorders



Chemicals Burns



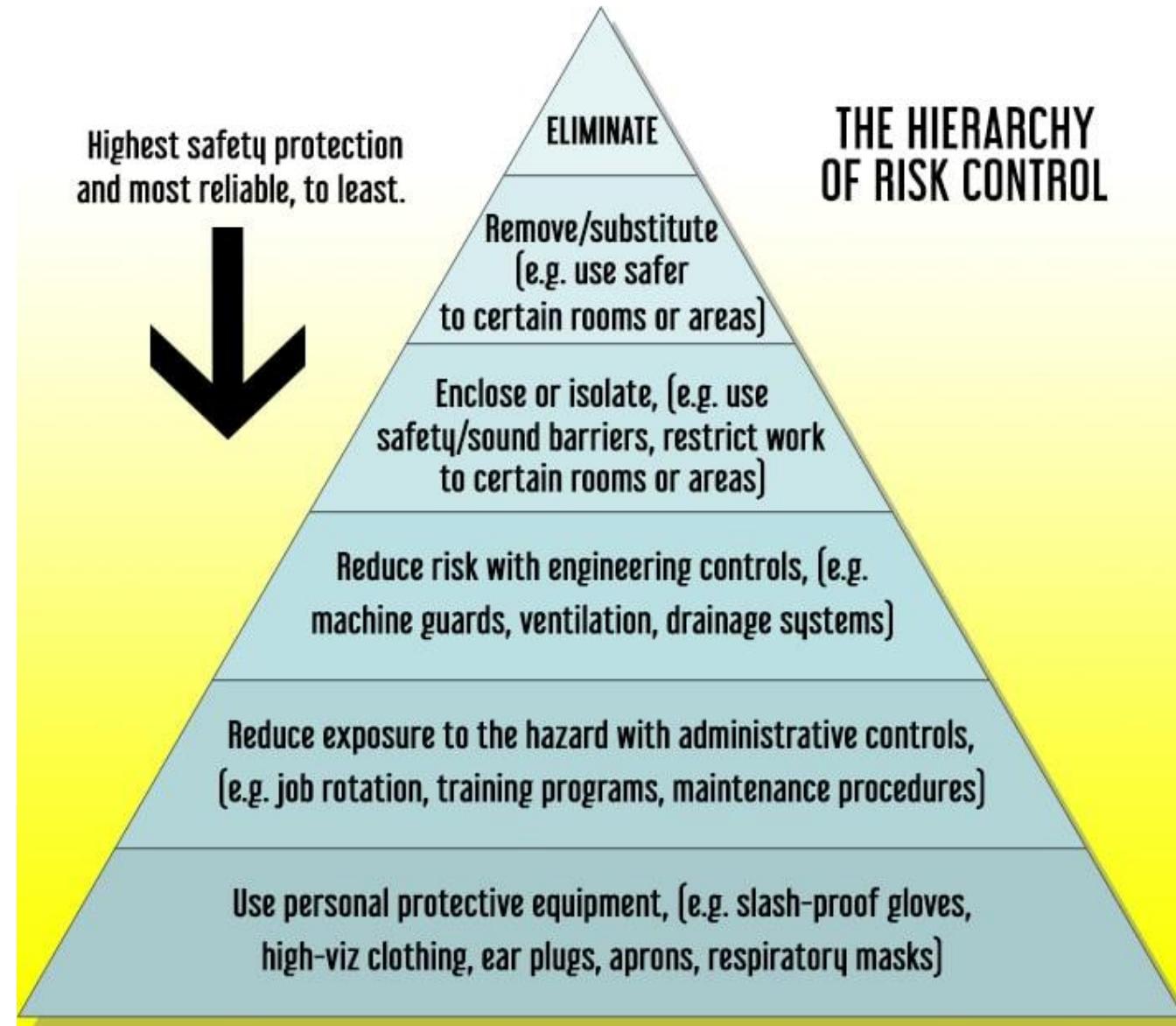
Viral Infections





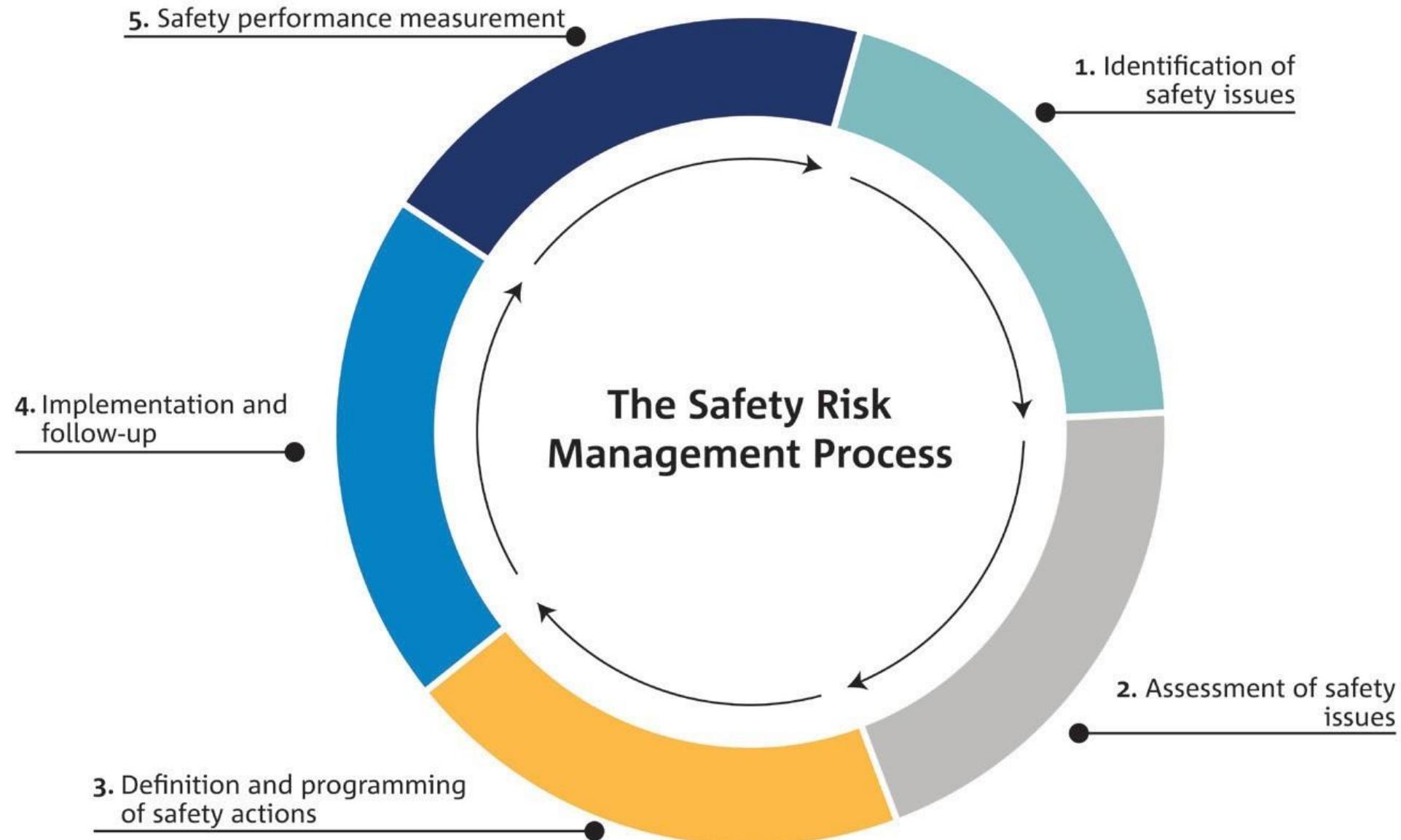
Our Presence: United Kingdom | UAE | India | Saudi Arabia | Canada

THE HIERARCHY OF RISK CONTROL

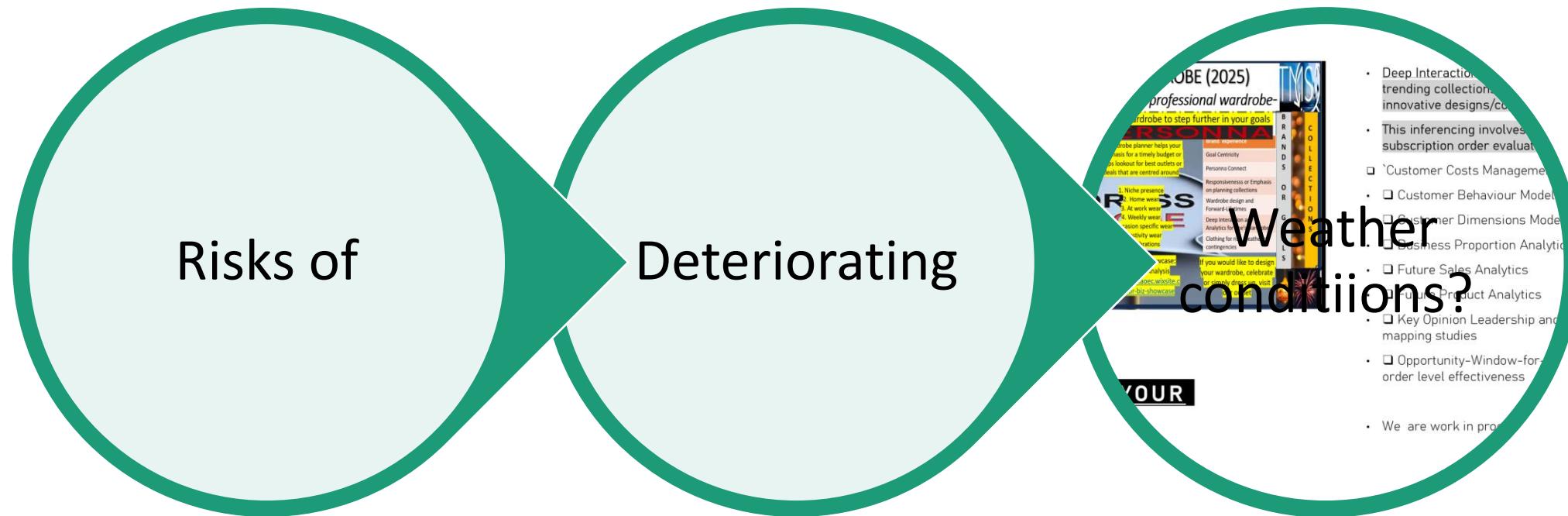






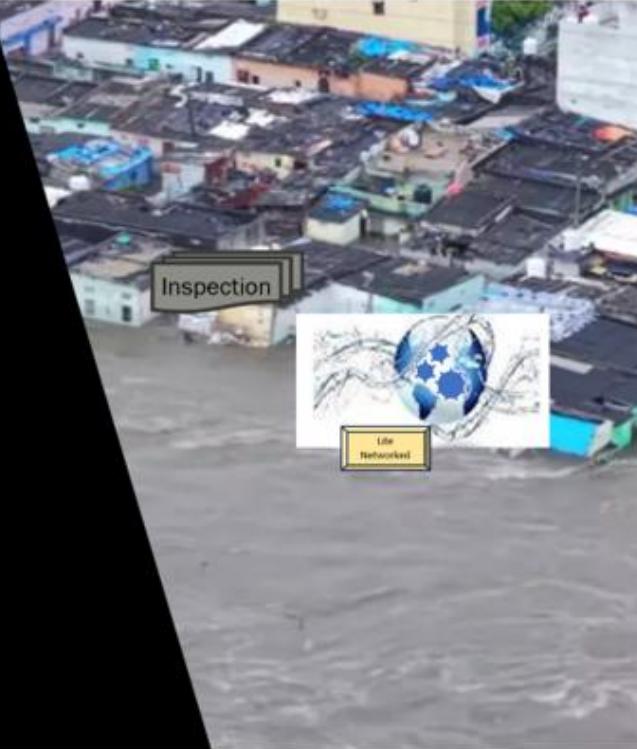


QUALITY PROMOTION? OR ASSET DEVELOPMENT?



AEROAIDE REFLECTION OF THE DRONE VIEW OF THE MUSI RIVER

Motion and Time studies



TRANSFORMATION MODEL SIMULATION INFLUENCERS

Control and Impact Siddhis, Riddhis, and Projectized Embankment

Drone Studio Coverage for (ticked Use cases) TMS plotted/interlinked Viewpoints, Relief and Rehabilitation like:

- ✓ Motion and Time studies
- ✓ Water body level rise
- Coastal adaptation for warming and acidification
- Increasing flood level issues
- Saltwater Intrusion
- Erosion and land loss
- Ecosystem degradation
- Improved coastal management
- ✓ Community transformation



TRANSFORMATIONS

CONDITIONS TO BE CONSIDERED FOR FLIGHT CHARACTERISTICS

Strategically mapped conditions

- Severely affected conditions
- Less dynamic conditions
- Associated mountainous areas
- Storm afflicted conditions
- Contingency Solution lacking conditions
- Frequently affected or dynamic conditions
- Rooftop affected conditions

Evacuation Zone affected conditions

- Communication network-affected conditions
- Rescue or Emergency Services affected condition
- Out-of-known DaaS network-coverage conditions
- Site to DaaS zoning of conditions
- Trip or journey parameter affected conditions
- DaaS showcased conditions
- Other Continuum conditions

UAV enabled Perspective Imagery Data Solutions

CONDITIONS TO BE CONSIDERED FOR SAFE COMMUTING BY ROAD

Driving in dusty road conditions

- Driving in road systems degraded by salt/corrosive toxins/ emissions
- Driving in the condition of inflowing dust/sand/ water
- Driving in mountainous areas
- Towing related driving conditions
- Driving in afflicted conditions (like low fuel or undue contingency or contaminated fuel, degraded parts, poor or damaged head lights, ...)
- Driving in frequent stop and start conditions or brake affected conditions
- Driving in sunroof affected conditions

Driving in dealer-network-affected conditions

- Driving in Emergency Services affected conditions
- Driving in out-of-network-coverage conditions
- Driving in reverse gear specifically conditions
- Driving in journey parameter affected conditions
- Driving in non-showcased conditions

Lack of Demand estimation for the NSSR
Theme of Transformative and Accountable
Road Safety

Road Safety Assist enabled Data Solutions

The Drone Studio Continuum evaluations for **Critical path resolution systems** And **Automobile Dealer** use case purpose or influencers are related to a List of Failure Costs

List of Failure Costs (General description)

1. **Loss of business** or TMS experience in using vehicles for commuting
2. **Time overrun costs** in not having ready to use vehicles for commuting
3. **Quality issue costs** in repairing or replacing parts of vehicles
4. **Workflow / process costs** in supply chains or service centres or workshops
5. **Material management costs** due to demand/supply dynamics
6. **Shipment and delivery costs** due to demand/supply dynamics and limited spare part inventory or stockouts
7. **End objectives of EVALUATED OR PURPOSED continuum not met influencers** on the Control and Impact matrix for managing or mitigating Cost of Poor Quality on “potential” SMART City components, or on existing locations, or potential SMART City locations and the universal need for safe & sustainable commuting
8. **The virtue of a potential SMART City is in its ability to combat change and detrimental situations to a SMART City system**

The NSSR Road Safety programme lifecycle

Step 1: Automobile Dealer introduction into a simple or techno savvy COPQ-SMART-CITY system for COPQ – SMART – CITY system bulletins for

1. transportation safety
2. optimized embankment for inter-linked failures and
3. conspicuity of afflictions leading to fatal accidents or degradation

The Automobile Dealer will need to register into the COPQ-SMART-CITY system for COPQ – SMART – CITY system bulletins to thereon connect to needs for supporting the NSSR Road Safety programme for options mentioned above

The Automobile Dealer will need to support the NSSR RS core areas like Driver Fitness, Vehicle Fitness, Road System understanding and Alpha Assistance for Control and Impact matrix coverage for the transportation safety option

The Automobile Dealer will need to support the Cost of Quality criteria for Control and Impact matrix coverage for the optimized embankment for inter-linked failures option

The Automobile Dealer will need to support the Graded Transportation Conspicuity and Safety Markings for Control and Impact matrix coverage for the conspicuity of afflictions leading to fatal accidents or degradation option

Step 2: Automobile Dealer contact for NSSR RS programme lifecycle

The Automobile Dealer will need to define the contact options like (1) support for COPQ enabled I3 regulated and non-regulated vehicles, (2) support for Heuristics (or coefficient of I3 transformation or intervention), or (3) support for the Hub and Spoke model

Step 3: Automobile Dealer priority or needs understanding

The Automobile Dealer will need to define the interest to support (1) the Prevention of failure coverage, or (2) the Appraisal of failure coverage, or (3) the Internal lifecycle failure continuum, or (4) the External lifecycle failure continuum

Step 4: Automobile Dealer Control & Impact coverage contract development and finalization

The Automobile Dealer will need to subjectively agree to a Control and Impact coverage contract that covers multiple or singular scenarios depending on the priority and needs understanding of the dealer

The scenarios could include coverage to manage issues of the brand or brands that are part of its business interests for the work in progress logo called “Enabled for I3 regulations”, where the scenarios could cover options like

- Vehicles in Key affliction and visible degradation scenarios
- Vehicles with Key affliction without visible degradation scenarios
- Vehicles with Visible degradation without key affliction scenarios
- Vehicles under deserving I3 regulation scenarios

Key afflictions could include

- Affected by dirt/fallen debris/contaminants
- Affected by storm water flooding/rain/seepage
- Affected by external conditions like damage caused to body/engine/accessories/vehicle sheet Q1/Q2/Q3/Q4 indications
- Affected by lack of Service Anywhere Anytime scales

Visible degradation could include

- Conspicuity degradation that could lead to vehicle or usage degeneration
- Conspicuity degradation that could lead to high maintenance
- Conspicuity degradation that could lead to limitation of liability for standard or extended warranty or interlinked Quality of performance / discerners like health and safety expectations or product/part/sub-system/system codification for transportation safety

Deserving I3 regulations for older or not too techno savvy brands could include

- Degradation or loss of quality functions for nutshell inventory
- Limited Health maintenance or low useful lifetime for nutshell inventory
- Degradation or loss of quality functions for Service Quality Model

The PRM SCALE & VISION FOR GRADED TRANSPORTATION

The Automobile Dealer/network/business will need to incorporate Graded Transportation Warehousing for CCMA Transformation and Degradation & Graded Transportation Conspicuity and Safety Markings for the newer COPQ enabled I3 regulation for its vehicles on road on the basis of the

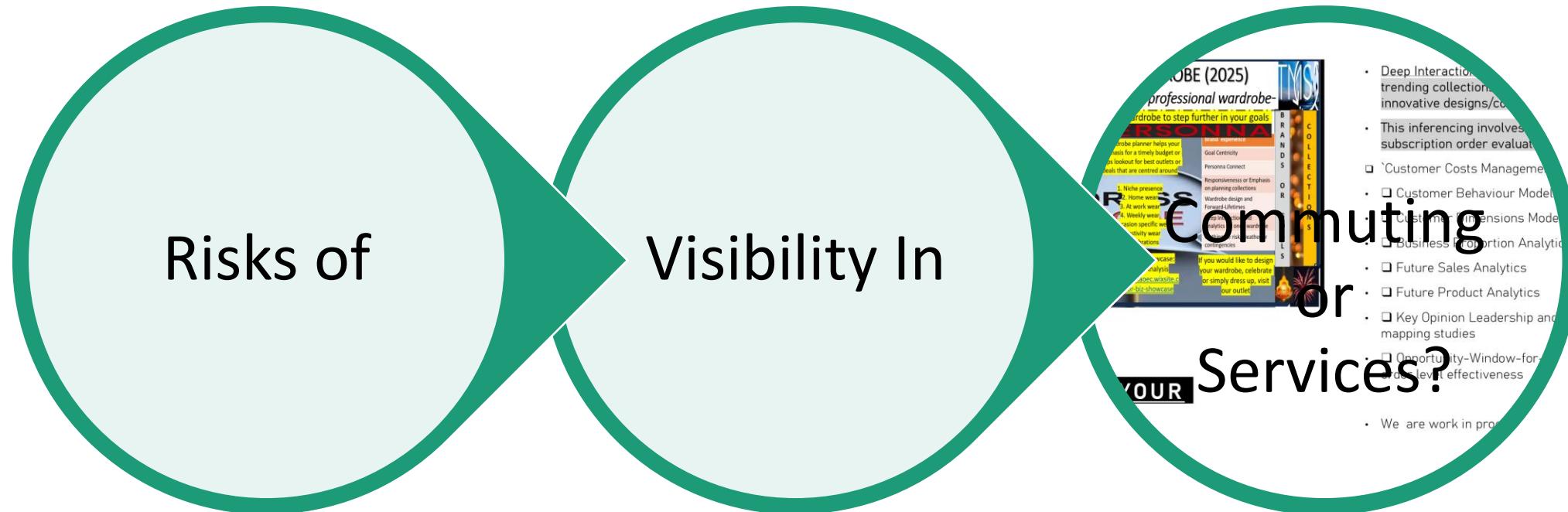
- Vehicle brand
- Vehicle model
- Vehicle type
- Configuration
- Size
- Warranty scale
- Graded Transportation Warehousing for CCMA
- Heuristic system enablers or discerners
- Drone Studio enabled COPQ-SMART-CITY contract programmes / services
- COPQ SMART City System based Galaxy Booster Policy subscriptions

- Automobile Dealer feedback management

All NSSR RS Programme feedback/issue elevation/complaints & redressal for the Automobile Dealer/network/business will be as per the COPQ-SMART-CITY contract programmes



QUALITY PROMOTION? OR ASSET DEVELOPMENT?



Close connects for sustainable commuting and service anywhere anyhow wardrobes

4P*s) to 8P(s)
Products
Prices
Places
Promotions
People focus
Process focus
Physical evidence
Project Management



DEEP LEARN YOUR PURCHASES

- Deep Interaction Link for purchases or re-orders of trending collections, specialty products and/or innovative designs/concepts
- This inferencing involves purchase evaluation or subscription order evaluation for
 - 'Customer Costs Management'
 - □ Customer Behaviour Modeling
 - □ Customer Dimensions Modeling
 - □ Business Proportion Analytics
 - □ Future Sales Analytics
 - □ Future Product Analytics
 - □ Key Opinion Leadership and Brand value-stream-mapping studies
 - □ Opportunity-Window-for-order level or subscription order level effectiveness
- Climate Change influences on Personal and Professional Clothing in-turn leading to new demands for field level clothing

Climate Change influences on Personal and Professional Clothing in-turn leading to new demands for field level clothing

Simple or standard protection field level clothing

Mission critical field level clothing

Relief work field level clothing



dress code policies/uniform code policies **may save life**

Focus on Remedial Lifestyles

Focus on Affirmative Lifestyles

Focus on Functional Lifestyles

Climate Change influences on Personal and Professional Clothing in-turn leading to new demands for field level clothing where dress code policies/uniform code policies **may save life**

Simple or standard protection field level clothing

- Protective glasses
- Visible clothing
- Helmets / Hard hats
- Clothing / Wear to commute in climate impacted days
- Driving or wear to commute gloves
- Firm sole shoes/ boots
- specific color coding for health and wellness indications
- specific color coding for school/college/work/religious work supporting clothing/uniforms
- specific color coding for Raincoats/vests/pants

Mission critical field level clothing like the ones needed by

- BESCOM
- BWSSB
- BBMP ROAD REPAIR
- BBMP TREE CONSERVATION
- BBMP ROAD ARBORICULTURE
- BBMP TRAFFIC ENGG
- TRAFFIC DEPARTMENT PERSONNEL
- HEALTH/ACCIDENT/EMERGENCY RESPONSE TEAMS
- ANIMAL / LIVESTOK HEALTH/ ACCIDENT/EMERGENCY RESPONSE TEAMS
- FIRE AND EMERGENCY RESPONSE TEAMS
- ACTION FORCES AT THE CIVILIAN LEVEL
- LOGISTICS/COURIER SERVICES
- CYBER SECURITY SERVICES
- Navigation and field mapping services
- PAYLOAD/DMS KIT DELIVERY SERVICES
- AUTOMOBILE AND EV SERVICES/REPAIRS
- PUBLIC TRANSPORT SERVICES//REPAIRS
- Warranty / Insurance Claim Services

Relief work field level clothing like the ones reflective of

- Social responsibility duty
- Civil assistance/defence duty
- Aged/Disabled/Afflicted duty
- Certified responder duty
- Mission critical
- Segmentation/Target Group duty
- Celebration/Festivity/Tourism duty
- State level duty
- National level duty
- Global level duty
- anti-aircraft defense duty
- Ground station system duty

QUALITY PROMOTION? OR ASSET DEVELOPMENT?



- **Deep Interaction Link for purchases or re-orders of trending collections, specialty products and/or innovative designs/concepts**

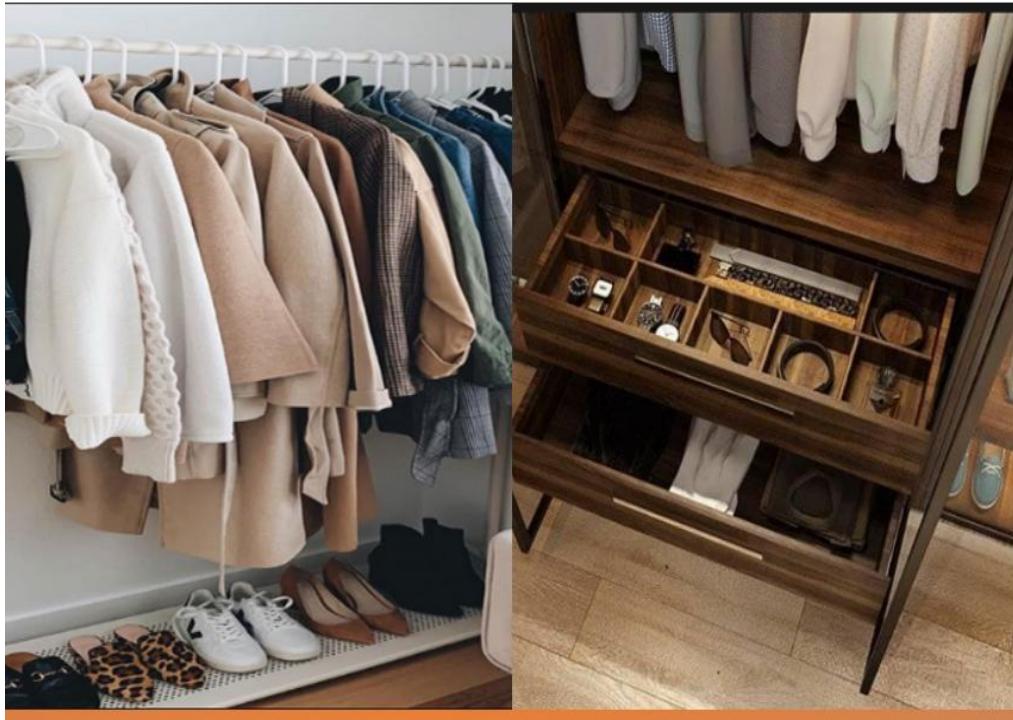
- **This inferencing involves purchase evaluation or subscription order evaluation for**

- 'Customer Costs Management
 - Customer Behaviour Modeling
 - Customer Dimensions Modeling
 - Business Proportion Analytics
 - Future Sales Analytics
 - Future Product Analytics
 - Key Opinion Leadership and Brand value-stream- mapping studies
 - Opportunity-Window-for-order level or subscription order level effectiveness
- We are work in progress

DEEP LEARN YOUR PURCHASES

- **Deep Interaction Link for Inventory Management**
- DIL Analysis helps make the DYW inventory systems more responsive
- Though a retail outlet competes with other same brand retail outlets, this function of product inventory management and stock keeping must be measured, monitored and managed from an individual retail outlet point of view.
- This point of view depends upon the current retail market, its economics & the responsiveness needed from garment manufacturers and retail or online practices
- Managing the product inventory is a complex system of processes and responsibilities for driving RoI, profitability, performance and customer retention

INVENTORY TURNOVER AND STOCK KEEPING POLICIES



INVENTORY TURNOVER AND STOCK KEEPING POLICIES

- **Deep Interaction Link**
- **Products Inventory Management**
- The retail outlet and its inventory department deals with challenges such as
 - 1. Product Sales/Showcase/Stock Workflow planning and Re-ordering intervals and requirements
 - 2. Increased dynamics or competition from the after-market, the grey market and the unbranded suppliers
 - 3. Increasing costs for infrastructure, sales and customer service technology and showcasing for virtual interactions or order placement
 - 4. Impact of product inventory on sales, customer service productivity, and digitally-connected retail outlets or online catalogues & manufacturing businesses etc
 - 5. Impact of eCommerce or online selling on product supply or sourcing for retail sales

INVENTORY TURNOVER AND STOCK KEEPING POLICIES



- **Deep Interaction Link**
- **Product Inventory Management**
- **Observations**
- For sustainable development and growth of the retail business or brand sales outlet, the product inventory management systems must focus on 4 areas
 - 1. Order levels
 - 2. Profitability
 - 3. Retail or catalogue subscription sales
 - 4. Design your Wardrobe Value Addition
- **AOEC finds that areas 3 and 4 are new innovations for most retail businesses and must evolve further.**

INVENTORY TURNOVER AND STOCK KEEPING POLICIES

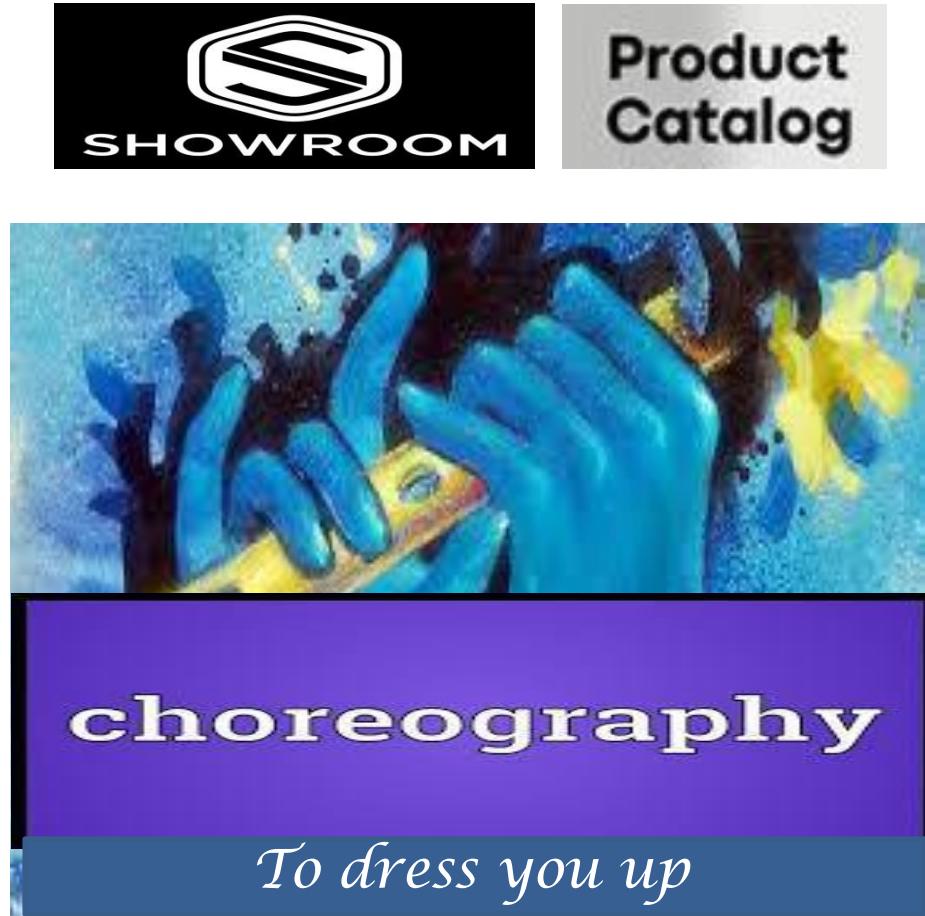


*Connect,
Decide &
Enrich*



- **Deep Interaction Link**
- **Products Inventory Management**
- Here inventory levels help a retail outlet improve overall customer retention and in time increase market penetration via different types of sales or repeat purchases
- Some key metrics for improved inventory management and profitability of business are
 - 1. Days supply/sales/repeat purchases
 - 2. Fill rate
 - 3. Obsolescence
 - 4. Non-stock investment
 - 5. Non-stock garment / accessory usage in customer requests or alterations
 - 6. Sudden repeat or replacement purchases
 - 7. Lost customer numbers

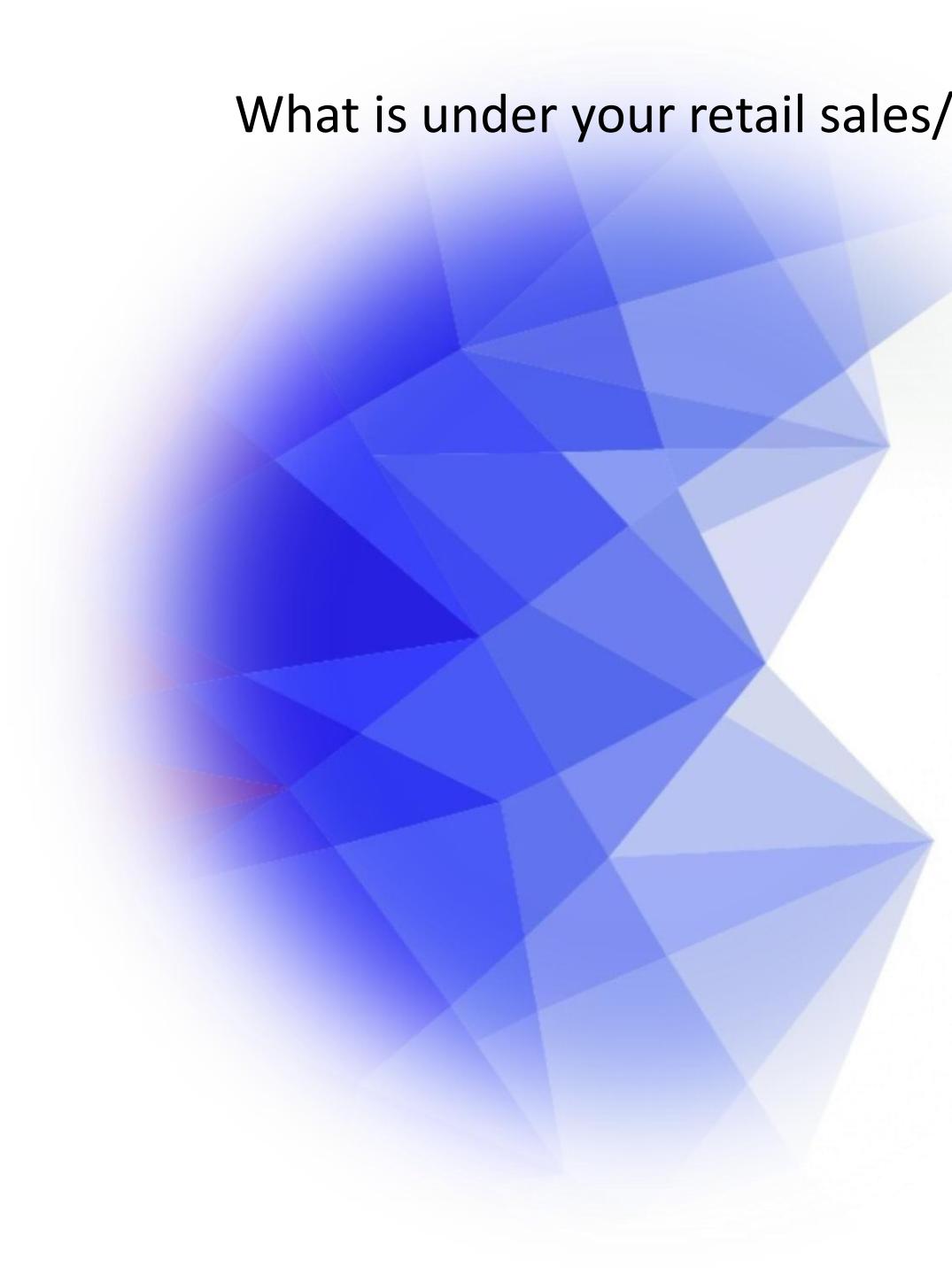
INVENTORY TURNOVER AND STOCK KEEPING POLICIES



- **Deep Interaction Link**
 - In these scenarios any definition or redefinition of product obsolescence must concern itself with associated issues such as
 - (1) Order, Repeat order or Catalogue order delays
 - (2) Additional handling
 - (3) Emergency or contingency purchases
 - (4) Retail policy or Catalogue Subscription policy expenses
 - (5) Costs to retail sales or online catalogue orders
 - (6) Reduction in customer satisfaction and retention leading to reduced overall profitability



RETAIL OUTLET SALES OR
ONLINE CATALOG
PURCHASES— FUTURE
CONNECTED ANALYTICS



What is under your retail sales/catalogue order system's umbrella?

Deep
Interaction
Links FOR A
JURAN
TRILOGY for
clothing and
Brands



GROWNG Innovation for CLOTHING and brands

- Garment manufacturer connected retailers or independent retailers in a city, neighborhood and strategic location are most frequented by people of different backgrounds.
- Along with any interest for a brand/category/choice specific product, most of the people select retailers based on a
 - A. Desire to Buy, Celebrate or Simply Dress up
 - OR
 - B. Guided Showcase response, where the important quality attributes for the clothing are
- **1 Product details**
- **2. Value for money**
- **3. Aesthetics**
- **4. Perceived Quality**
- **5. Forward Lifetime theory, 6. Brand Value** pertaining to the clothing and its detailing, or insights for any **voice of customer innovation**



GROWNG Innovation for CLOTHING and brands

- **Innovation in voice of customer information** is evolving to include
 - The unique features of the brand,
 - the value for the category of the product,
 - the brand variant sales and retail business practices, with any care for clothing grade to help VOC influencers
 - We call this Deep interaction for the insight called Juran Trilogy, as this is seen as inferential rather than today's custom previews or showcasing of fashion/products for
 - the targeted market,
 - the customer segment,
 - the manufacture-AND/OR retail-AND/OR import to sell brand programme via
 - a brand vision specific retail outlet and its demand and supply networking, where there are many service-to-customers processes, brand or retail assisted delayering of the product's quality attributes and its catalogue showcasing for different customer expectations

GROWING Innovation for CLOTHING and brands

- For the personal or professional clothing needed today, Expectations of product detailing, connected analytics information and care for clothing or brand-quality attributes are emerging to be important for brand identity and brand-value-stream-mapping.
- AOEC's idea or innovation is to add a Deep Interaction Link (label or tag) to the product/creative designs/accessories in its original branding, in order, to help a manufacturer/supplier/stakeholder/customer enter the link into a web browser, or assess the unifying showcase to review an Integrated principle for quality control factors and attributes.
- The integrated principle for quality control is known to add pertinent or deep interaction attributes like reliability, procurement enablers, process levels, and verification attributes like the ease of doing business factors, service quality model, service anywhere anytime norms like showcase/catalogue inventory, sales or re-order fitness, (location sensitive or virtual visit) customer-interaction-management, deep interaction ticketing and innovative “voice of customer” features that help infer more about the right product suitability, right advertising, right channelling, right influencing and if possible inferential quality analysis like links to reviews, shelf or product lifecycle-assessments, fashion conscious groups, staff/spokesman reviews, “Brand unifying-points” that evaluate the principle for quality control for the cost of quality for one's personal or professional clothing, wardrobe or collections .
- The ideated Deep Interaction Link (label or tag) is based on the Juran Trilogy of implementing Quality Planning, Quality Control and Quality Improvement to manage the cost of poor quality or quality recognition and brand equity enablers for product suitability for voice of the customer factors, global & DYW beneficial attributes

GROWING Innovation for CLOTHING and brands

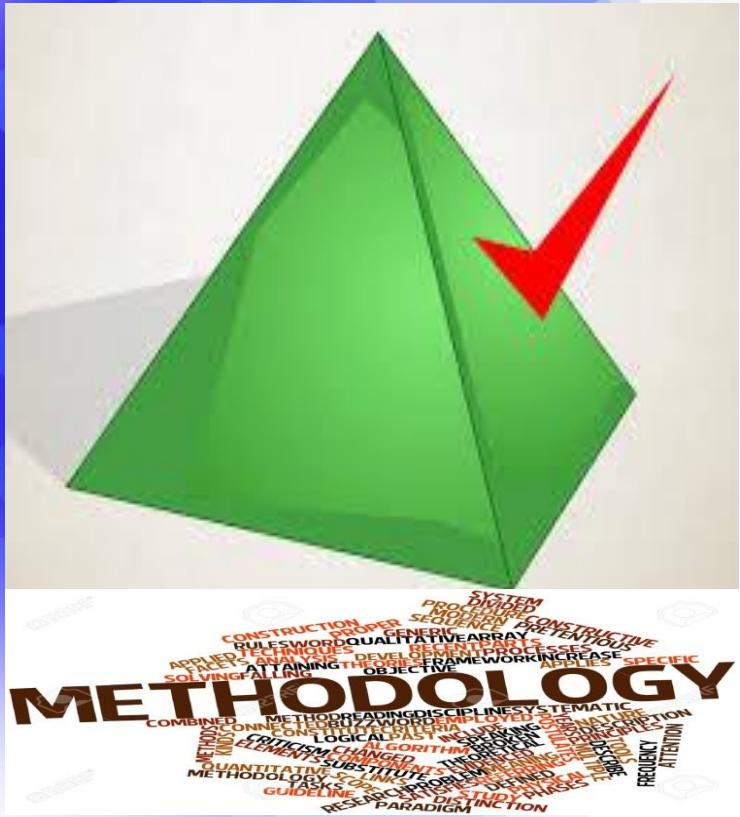
The Deep Interaction Link (DIL) will also need the retail outlet to integrate Voice Of Customer activities like

- Complaints redressal for brand integrity or value
- Quality-loss liability details for VOC principles or brand value
- Product recall, returns for brand satisfaction or value
- Management of waste and with or without salvaging of items that can be reused/recycled, to manage the issues of loss of reputation, loss of goodwill, loss in business share, delay or stoppage of supply

GROWING Innovation for CLOTHING and brands

- The emphasis for this innovation is to help retailers or subscribers of catalogues incorporate **BI/CQI facts based or quality based decision making, Voice of Customer relationship management** for
- (1) the growing principle for quality control,
- (2) the inter-related quality management concepts and
- (3) brand principles for lean-transactions that reduce gaps for brand accountability, incidences of redressal for defects, manufacturing or supply variance, waste in what is seen as returns or rejects or low salvage levels due to the need to be responsive & integral for the need for quality, when today's low DIL retail or online business framework cannot ensure that business standards are always adherent to BI/CQI guidelines or multi-regulatory practices.

Pyramidal framework for planning your personal and professional wardrobe



Voice of customer and point of view transactions

Point of view Interactions that can emerge into Transformations or Ripple effects





Designer

PLANNER CHECKLIST

5. Is the clothing you want to purchase
 - a. Multi-purpose
 - b. Unique to your personality
 - c. Trendy or Purpose based
 - d. High usage based
 - e. Needing a longer Lifetime
 - f. Needing you to care for your purchase and do you want to know how to do it



Designer

PLANNER CHECKLIST

- g. Will the product be available continuously or will it available via a catalogue subscription
- h. Is your shopping lean and does it promote the quality of your wardrobe or collection
- i. For your shopping to be lean, would you want to use the I3 Deep interaction while you continue with your purchase



Designer

PLANNER CHECKLIST

- j. The first step in the I3 Deep Learning is to help protect the assets involved in the making of this product, if you would like to do so, then
- k. You must complete a Social Responsibility form on completing your purchase or order
- l. While responding you may be called a non-certified responder or certified responder



Designer

PLANNER CHECKLIST

We are all non-certified responders but to become a certified responder you must enrol yourself and keep abreast via the connected NSSR Programme

m. On completing your Social Responsibility form, you will be issued a ticket



Designer

PLANNER CHECKLIST

n. The ticket will help connected thinking and solution finding via three areas, that is Cost of :Poor Quality, Retail branding or Export Centre based decision-making



Designer

PLANNER CHECKLIST

o. The ticket or your interactions will also help build an integrated picture of the 4Ps that is the Design your Wardrobe Pro-activation scores for the outlet/online subscription to decide on the products that will be offered, pricing for the products, places where they will be available and promotions for your wardrobe or collection



Designer

PLANNER CHECKLIST

p. The ticket or your interactions will also help build an integrated picture of the road safety or connected issues in visiting the outlet or in supplying for your online subscription in social responsibility enabled effort to help design your wardrobe or collection



Designer

PLANNER CHECKLIST

q. The ticket or your interactions will also help forward sustainability for products that suit your lifestyle and whether it is functional / essential, affirmative / unique or purposeful, or remedial / cause based



Designer

PLANNER CHECKLIST

r. The ticket or your interactions will also help forward sustainability for the food chains or agri-raw materials used to make it



Designer

PLANNER CHECKLIST

s. The ticket or your interactions will also help forward sustainability for the supply chains that manage your needs for close connects with Mission critical domains, Weather based cycles, Disaster or mitigation of risk-based cycles, Relief and rehabilitation-based cycles

The terrarium need is one that will need leaner thinking and virtual CRM based Quality Promotion for cost of poor-quality issues and important synergy for

need,

development of ability and

future forward sustainability for

demand & supply integration, where the demand could be for

apparel exports promotion,

brand equity in the retail business network, or

universally sustainable project management in the rate of innovation that matches global,

country-wide and

regional interests or asset protection for new-age reasoning.



FUTURE SALES ANALYTICS FOR GRADED brands AND SLOTHING

- The Future Sales Analytics and important Business Proportion Interactions to meet this target or guided planning, for a retail outlet or online business is decided by .
- Future Sales Product Culture for the brand/category/choice specific product, where the business expects its customers to reorder or repurchase products or services with a Graded Product Culture that helps their
 - A. Desire to Buy, Celebrate or Simply Dress up OR
 - B. Guided Showcase response, where the important 7 Quality Attributes for the clothing are
 - **1. Design your wardrobe or collection planning**
 - **2. Product details**
 - **3. Value for money**
 - **4. Aesthetics**
 - **5. Perceived Quality**
 - **6. Forward Lifetime theory,**
 - **7. Brand Value or Voice of Customer** pertaining to the clothing and its detailing, or insights for any **ease of repeat business innovation**

The Difference Between LEADERSHIP & MANAGEMENT



Business Intelligence Planner

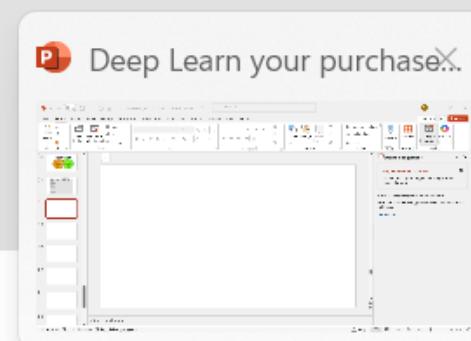
- Name :

Category ID: [H/M/L/U][E O S W]

Ease of Doing Business Element	Past rating L/P/R/B	Current Rating L/P/R/B	Steps for Improvement
1. Quality or Average number of stages to know about product availability			
2. Quality or Average number of stages to understand product particulars			
3. Quality or Average number of stages to confirm or cancel product purchase			

Business Intelligence Planner

Ease of Doing Business Element	Past rating L/P/R/B	Current Rating L/P/R/B	Steps for Improvement
4. Quality or Average number of stages to discuss and confirm supply chaining			
5. Quality or Average number of stages to confirm, track and control supply logistics			
6. Quality or Average number of stages to confirm or cancel delivery			



Business Intelligence Planner

Ease of Doing Business Element	Past rating L/P/R/B	Current Rating L/P/R/B	Steps for Improvement
7. Quality or Average number of stages to discuss & confirm stock and prevent stock-outs			
8. Quality or Average number of incidences affecting ease of doing business			
9. Quality of checklists for doing business			
10. Quality of payments and/or priority			

Business Intelligence Planner

Ease of Doing Business Element	Past rating L/P/R/B	Current Rating L/P/R/B	Steps for Improvement
11. Relative aspect of investment for good Response or ensured ROI			
12. Relative aspect of feedback and/or follow-ups when applicable			
13. Relative flexibility in doing business when applicable			
14. Relative improvement in SOP(s) when applicable			

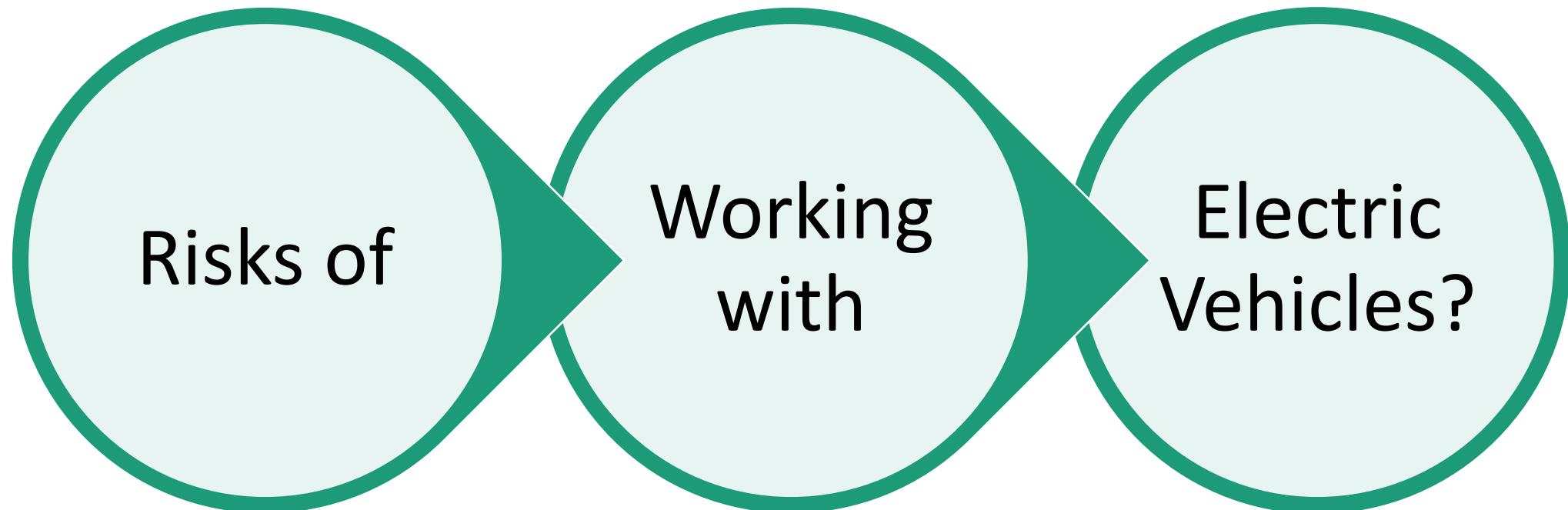
Business Intelligence Planner

Ease of Doing Business Element	Past rating L/P/R/B	Current Rating L/P/R/B	Steps for Improvement
15. Relative aspect of Risk identification and mitigation for Ease of doing business			
16. Relative aspect of controlling issues in Ease of doing business			
17. Relative aspect of controlling ROI deterioration or profitability			
18. Tech-savvy (ness) or modernization			

Business Intelligence Planner

Ease of Doing Business Element	Past rating L/P/R/B	Current Rating L/P/R/B	Steps for Improvement
19. Relative aspect of helping measures for Ease of doing business			
20. Relative aspects of problem analysis for economic slowdown/dynamics			
21. Relative aspects of creativity to control issues like slowdown, demonetization, losses, failure of communication due to language barriers			

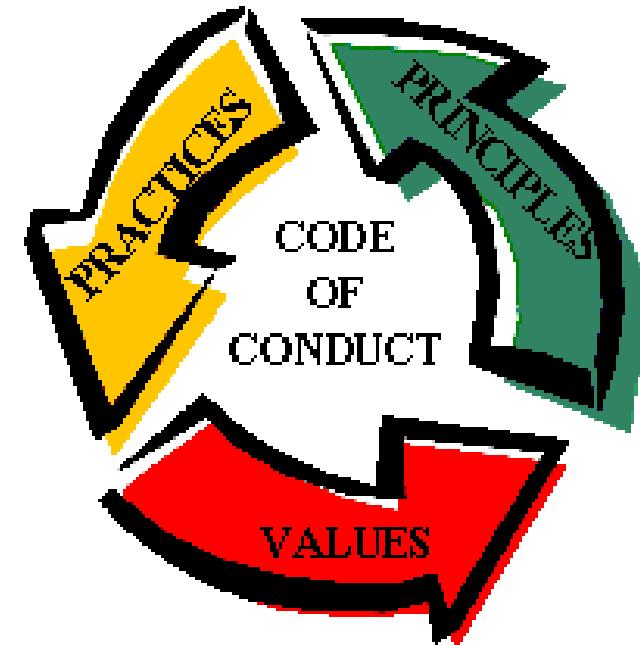
QUALITY PROMOTION? OR ASSET DEVELOPMENT?



Risks of working with EV(s)

Risks

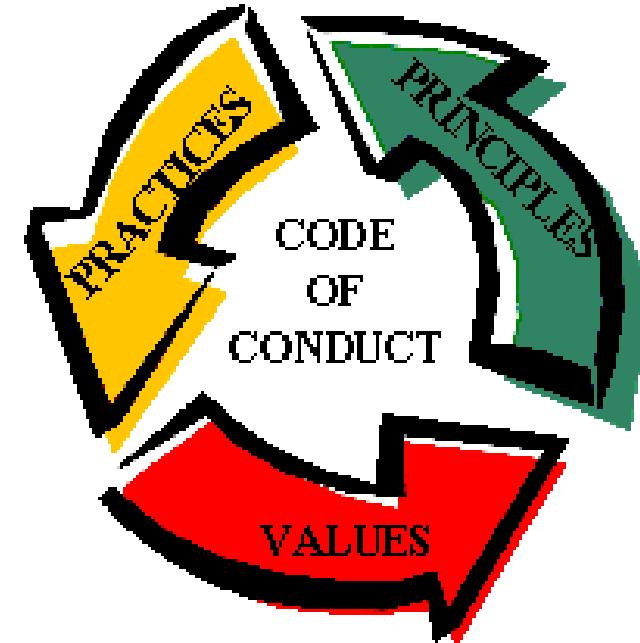
- Electrical Hazards due to high voltages
- Battery Safety
- Chemical Exposure
- COPQ of Charging Infrastructure
- Cyber-security risks
- Environmental impact
- Regulatory Compliance
- RoI/Economic downturn risks



Protection devices for high voltages

Protection devices/systems

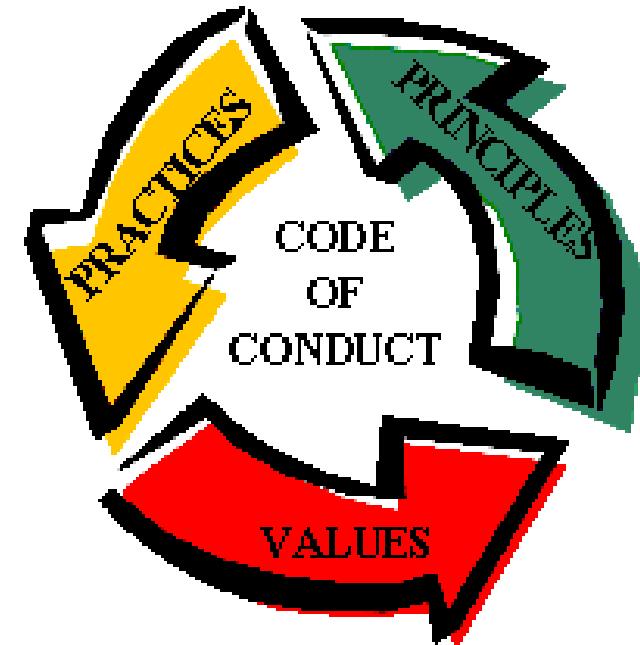
- Isolation Monitoring
- Ground Fault Protection
- Voltage Limiting Devices
- Over Current Protection
- Temperature Monitoring
- Emergency Disconnect Systems
- Tools and Equipment for Safety and Hazards Management
- Charger and Expected Performance Management
- Onboard Diagnostics



Tools and Equipment for Safety and Hazards Management

Tools and Equipment

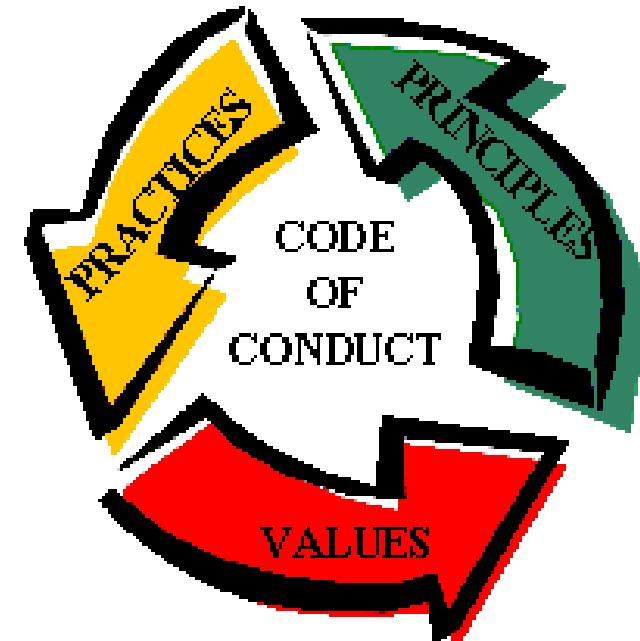
- Personal Protection Equipment
- Fire Extinguishers
- Insulated Tools
- Lock Out / Tag Out (LOTO) Equipment
- Voltage Testers
- Battery Management System Testers
- Battery Handling Equipment
- EV Charging Equipment
- Emergency Response Equipment
- Electrical Safety Equipment



Tools and Equipment for Safety and Hazards Management

Tools and Equipment (continued)

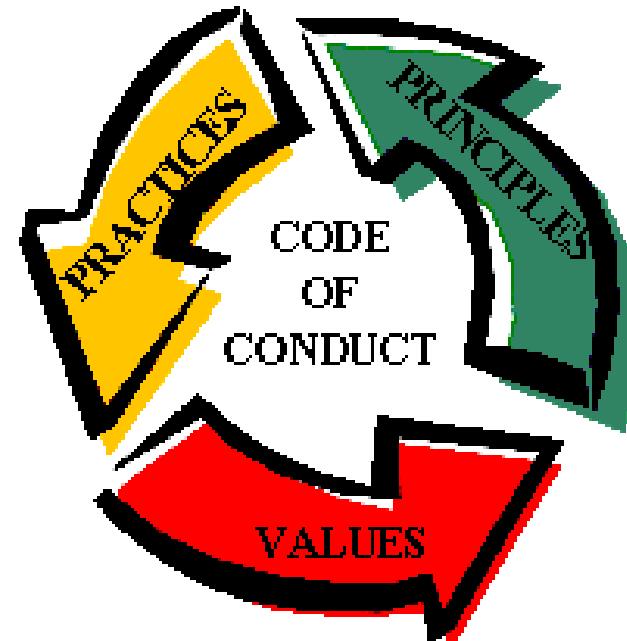
- ❑ Testing Material and Resources
- ❑ Hazardous Material Handling Equipment
- ❑ Vehicle Lifts and Hoists
- ❑ Environmental Monitoring Equipment
- ❑ Locking Mechanism and Safety Enclosures
- ❑ Hazard Signage and Warning Labels



Charger and Expected Performance Management

Charger and its delivering expected current

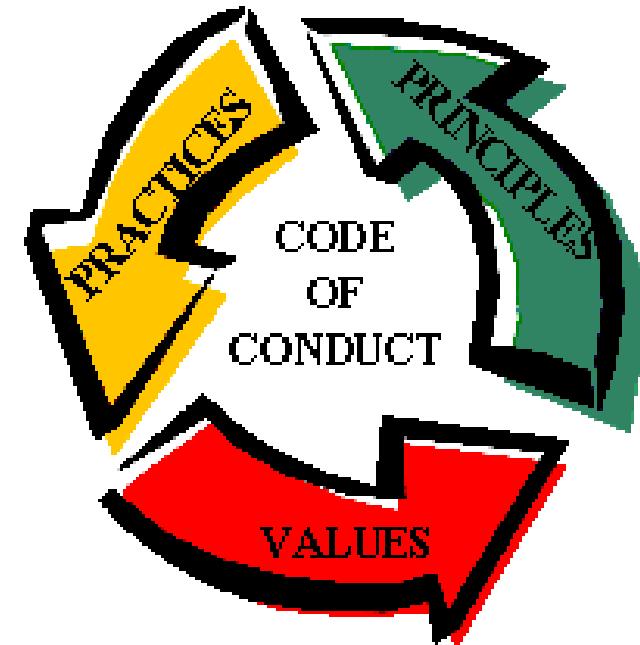
- Charger Compatibility
- Right voltage and uninterrupted power supply
- Charging cable
- Charger settings
- Charging Station Maintenance
- Temperature conditions
- Battery Health
- Software Updates



Charger and Expected Performance Management

Charger and not working / delivering expected current

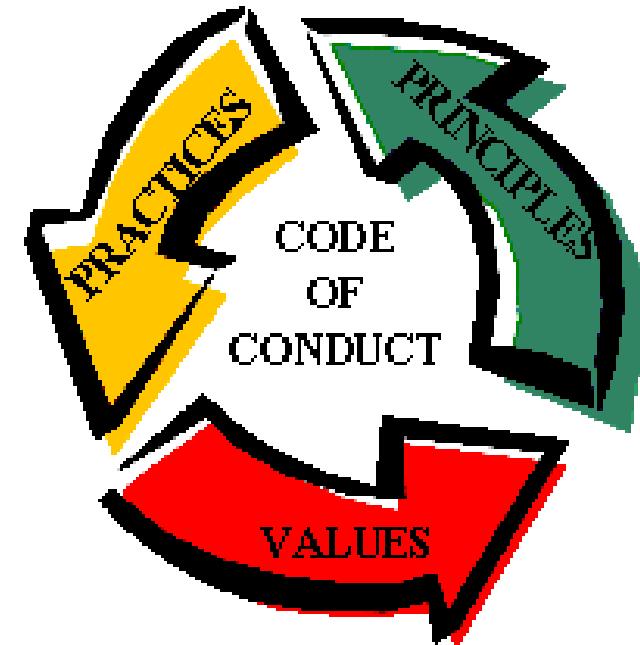
- Check Power Supply
- Inspect Charging Cable
- Restart Charging Process
- Reset Charging Station
- Check Error Codes/OBD
- Consult EV Manual
- Try another charging station
- Contact Manufacturer or Support Desk



OBD and Expected Performance Management

On-board Diagnostics and benefits

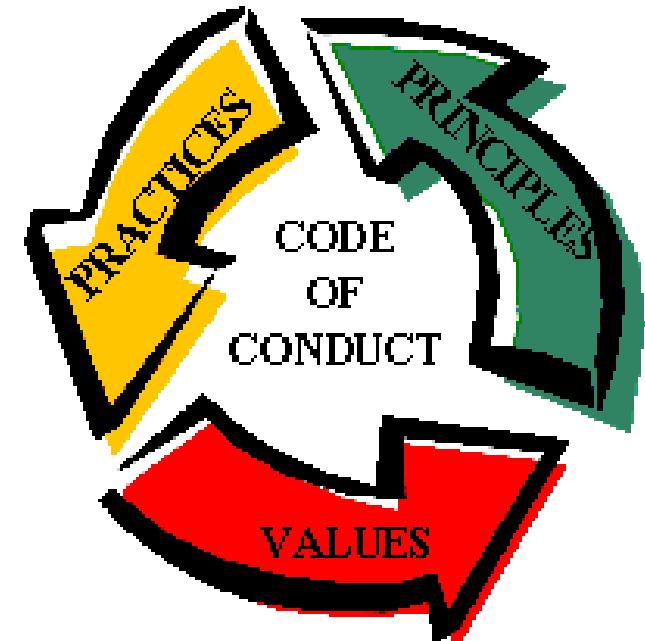
- ❑ Improved vehicle reliability and performance
- ❑ Enhanced Safety Features
- ❑ Reduced Maintenance Costs
- ❑ Increased Driver / Commuting Convenience
- ❑ Support for Advanced Driver Assistance Systems
- ❑ EV specific features
- ❑ EV specific Diagnostic capabilities
- ❑ Standardized Communication Protocols



OBD and Expected Performance Management

EV specific features

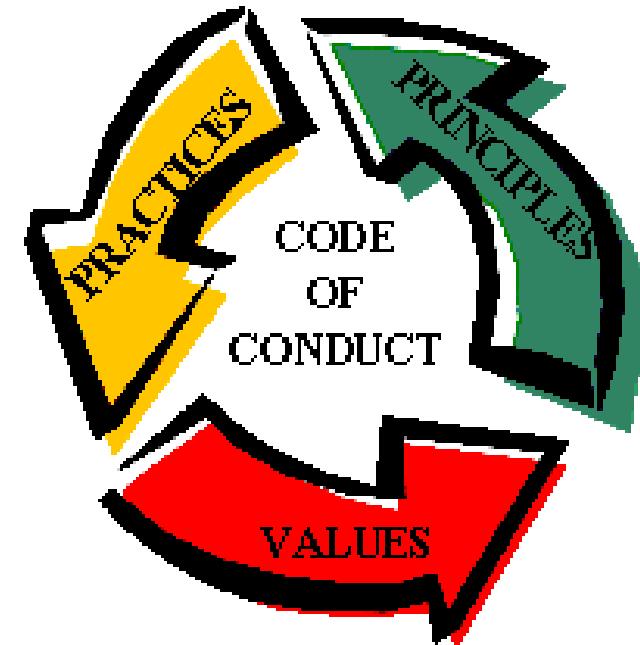
- Monitoring of Battery Management System
- Charging system optimization
- Electric Motor Performance optimization
- Regenerative Braking System Monitoring
- Regular and Added Vehicle System Monitoring
- Regular and Added Diagnostic capabilities



OBD and Expected Performance Management

EV specific Vehicle System Monitoring

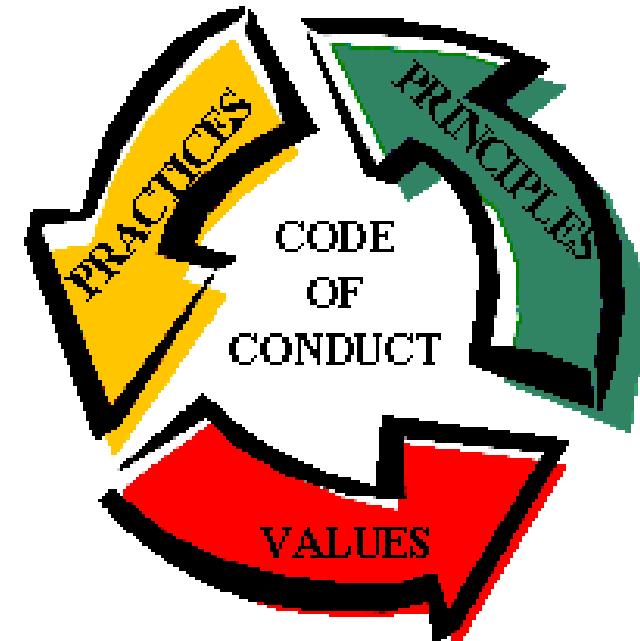
- ❑ Electric Motor Performance
- ❑ State of charge and health of battery
- ❑ Charging system performance
- ❑ Electric Power Train Control
- ❑ Thermal Management System
- ❑ Regular and Added Diagnostic capabilities



OBD and Expected Performance Management

Regular and EV specific Diagnostic Capabilities

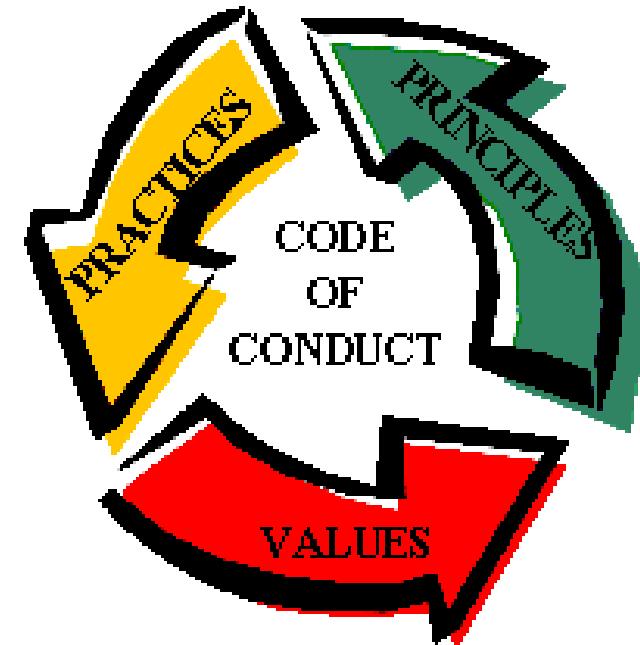
- Real time fault detection and diagnostics
- Added trouble shooting capabilities
- Data logging and analysis
- Remote diagnostics and software updates
- Standardized Communication Protocols



OBD and Expected Performance Management

Standardized Communication Protocols with Region based common usage

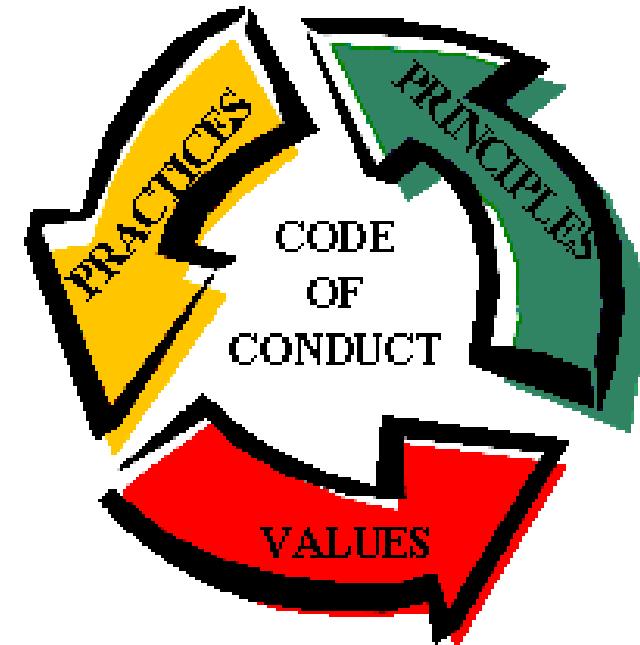
- SAE 11939, Europe and Asia
- ISO 15765 / SAE J2480(CAN), Global usage
- ISO 14230 Keyword Protocol (KWP2000), Europe and Asia
- Some other communication protocols as applicable to the manufacturer/model/region
- [SAE J1850 PWM \(Pulse Width Modulation\)](#), USA
- [SAE J1850 VPW \(Variable Pulse Width\)](#), USA



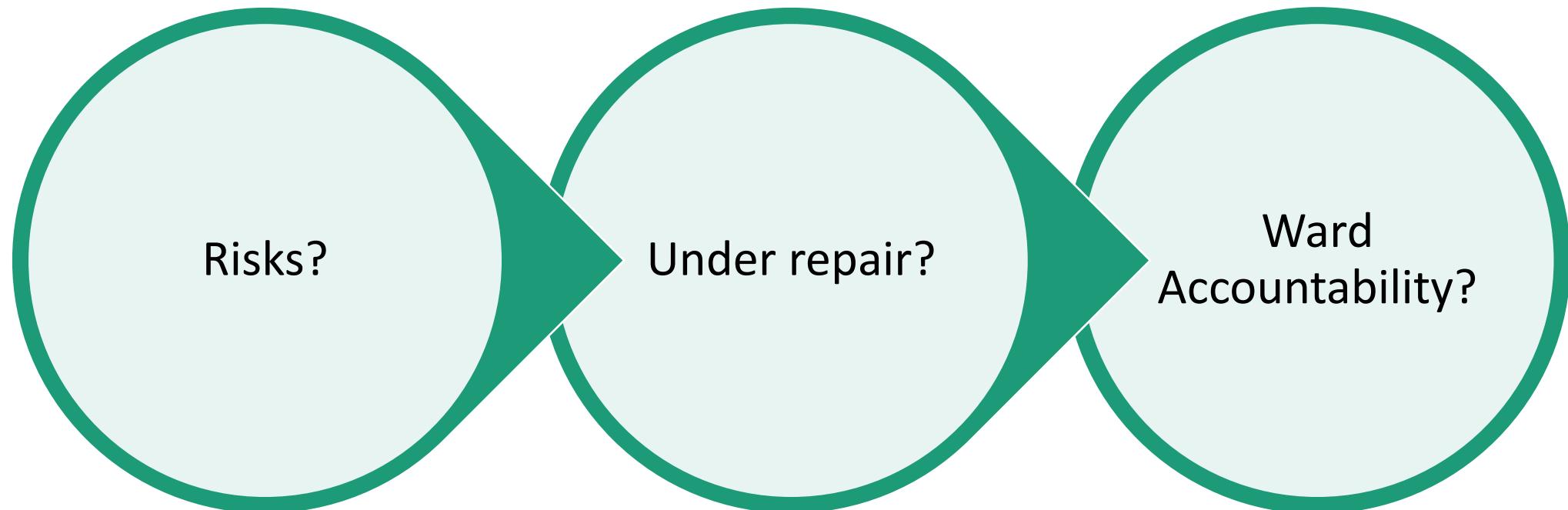
Post incidence actions

Post incidence actions

- Code of conduct or protocol agreement
- Investigation
- Recall and Remediation
- Public Awareness and Education
- Drawing to Life more Value Stream Mapping
- Emergency Response Training
- Building more safety and risk mitigation in Ally Planner like practices, principles and values



QUALITY PROMOTION? OR ASSET DEVELOPMENT?





- Roads & Road Systems
- Road Arboriculture
- Road Infrastructure
- Traffic Engineering (TE)
- Traffic Control deployments
- Immersive TE deployments
- Commuter safety deployments
- Goods transportation networks/supply chains
- BSNL/TELECOM/similar deployments
- BESCOM /similar deployments
- BWSSB / similar deployments
- Healthcare services deployments
- Medical supply services
- Educational institutions/in-situ sites/campuses
- EV Infrastructure/Flexi-fuel pumps
- Automobile dealer networks
- Automobile service centres/businesses
- Mobile Vehicle Assistance Units (MVAU)
- MSME Manufacturers
- MSME Service deployments
- Corporate offices/campuses
- KSFES deployments
- FESA auditable buildings/sites/complexes
- Fast Track PRM deployments

SMART Ward Accountability

Domains

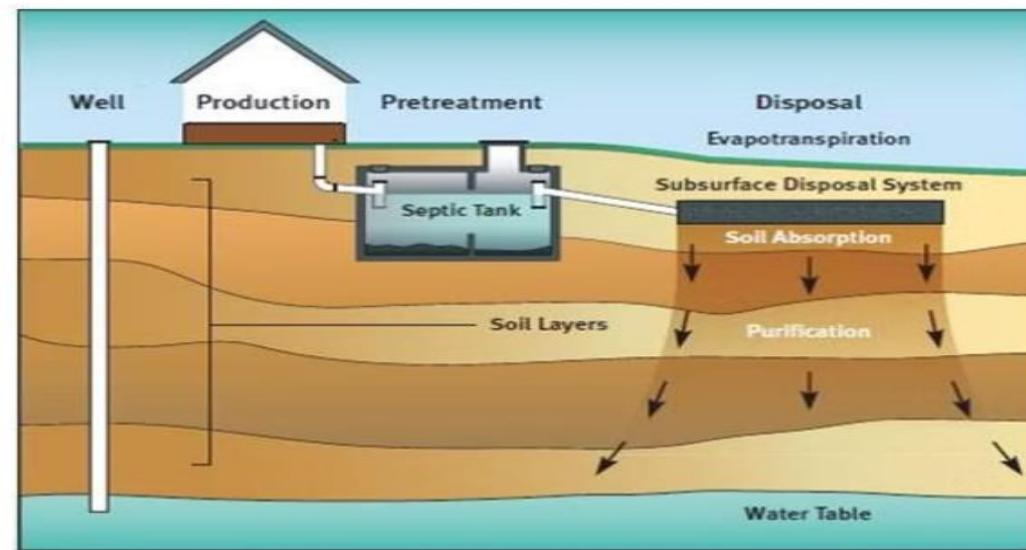
- Border roads
- Flyovers
- Bridges
- Underpasses
- Link roads, road corridors
- Ring roads
- Connecting roads
- Road
- Stretch
- Route
- NICE Roads

Focus on Ward related Risks/Under repair issues

- Road Safety Editioning
- QOI/QOP/QOO/ QOS design
- QP/CQI turnover rate
- Deep Interaction Link PRM level
- Non-conventional vehicle usage PRM level









 **smartconnect**



 **MISSION
HEALTH**

1





Why Safety Signage?





Some scenarios of risks filled
Ward Management with
accentuation for 'Conformity
Problem Solving'





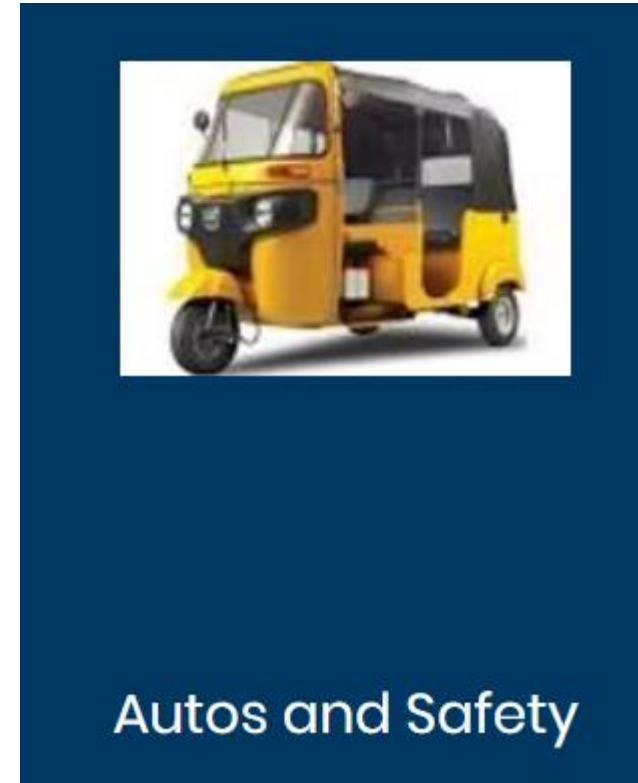


Some scenarios of installations where the lack of any Road Safety Level/PMS or PRM level at the ward management specific department/domain accentuates the need for road safety, safer logistics and safer commuting'

TMS: TIME MOTION SCALE FOR QUALITY IMPROVEMENT/ASSURANCE

Some scenarios of installations where the lack of any Road Safety Level/PMS or PRM level at the ward management specific department/domain sets back TMS effectiveness for teams using vehicles for the services anywhere anyhow requirement'





PASSENGER AND COMMERCIAL 4W(S)



Buses, Vans and Safety



Two-wheelers and Safety



Veritable Metro and On Road Services

Fire Emergency and Safety Services



Emergency Response Services Network



An aerial or terrestrial viewpoint mapping for Fire and Emergency Services Actuation, Emergency Response Services, problem solving for dynamic Natural Systems interface environments, and PMS OR PRM responsiveness

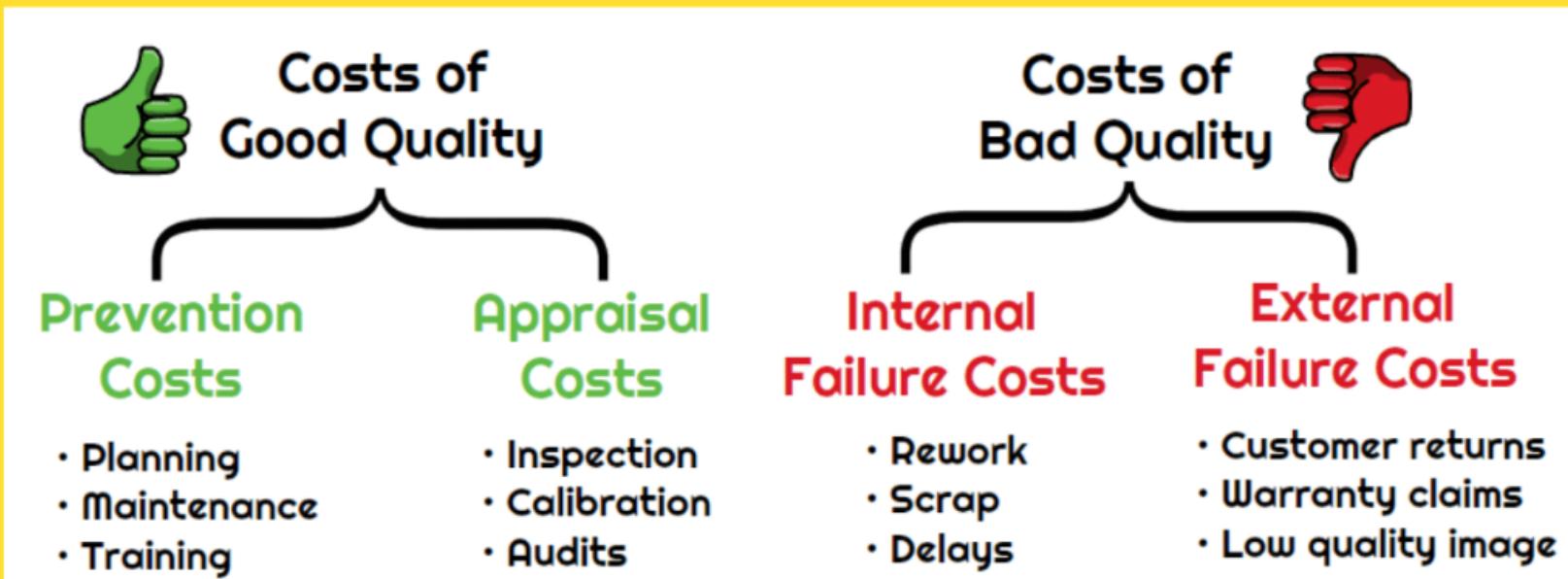


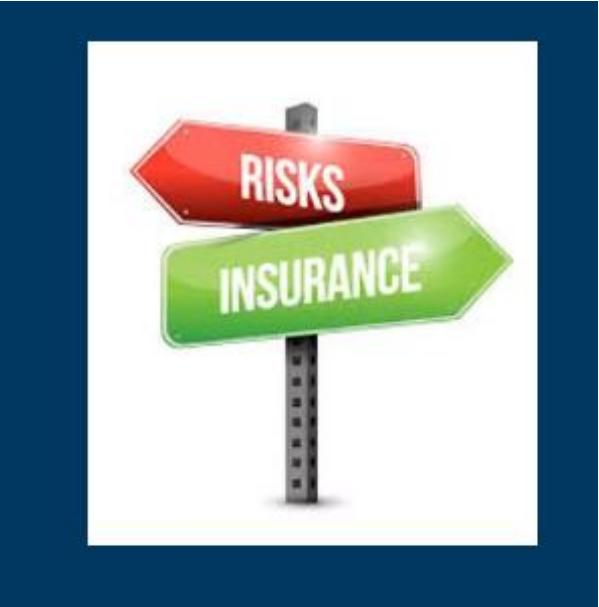
the
focal point

Lite Ally Vision

Know Mor...

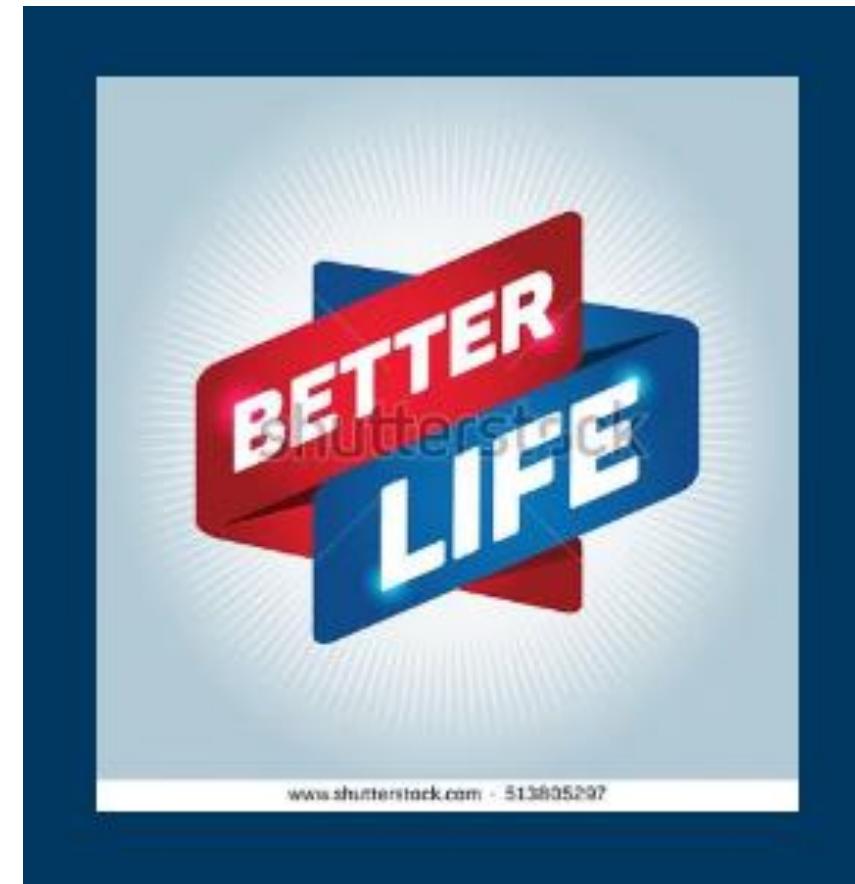
Cost of Quality (coQ)





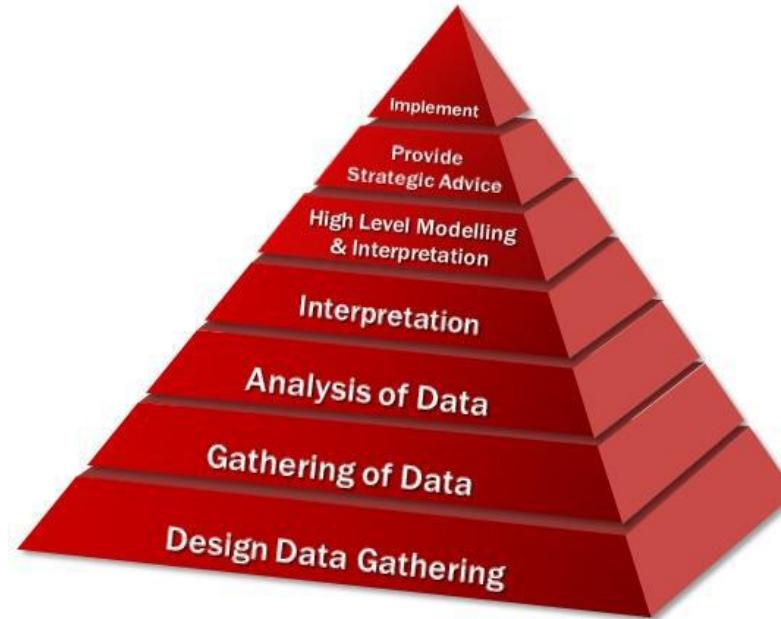
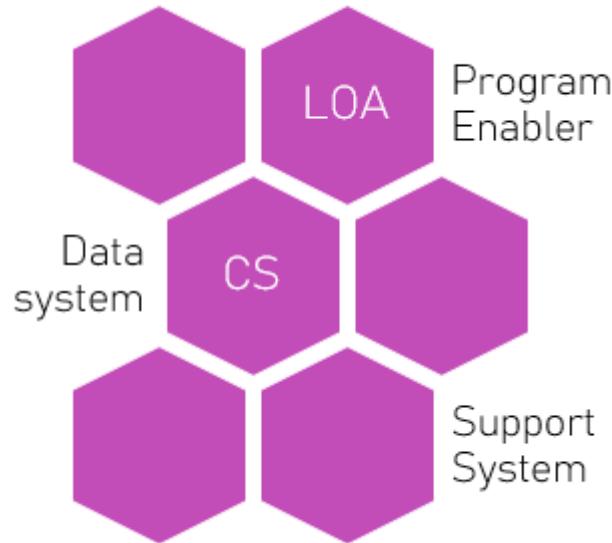
Visualizing Belief
and Conceiving
furtherance

Sustainable Project Management

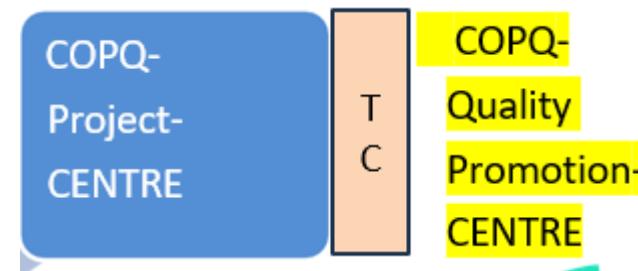


COPQ Profile for Quality, Cost, Delivery
Safety, and Environment friendliness

FUTURE CONNECTED ANALYTICS



Transformations or Ripple effect



COPQ Continuum and S-W-M

- The resolution though designed by the Ward management department, will need to consider certain Key Opinions called the profile of COPQ Continuum where the installation is being reviewed for any quality issues/failures/degradation etc.
- The Key Opinions in the COPQ Continuum profile will need to include 6 concepts called the **COPQ Profile QCDSED**, where this stands for
 - **Quality assessment and assurance** for the installation and its due S-W-M agreement for the year or period identified
 - **Cost estimation, baselining or distinctiveness** for the ward/zone/road/street, the installation and its S-W-M agreement
 - **Delivery of systems/parts/components/S-W-M service contract connected repairs or replacements** as agreed upon as S-W-M for the installation's operation and maintenance
 - **Safety** in terms of S-W-M terms and conditions for safety at the ward/zone/ road/street, for the installation (or model or series), and for the customers or social network for the installation given their expectations and concerns for any unplanned downtime if the installation is not operational or not available
 - **Environment** in terms of the S-W-M considering the design elements of the ward/zone/road/street

COPQ Continuum and S-W-M

- **Deep Interaction:** Augmentation via the S-W-M Conformity enabled COPQ Research Methodology (COPQ-RM) to add future connected analytics for the customer/social network to help
- Current-status or new requirements
- Current assessment criteria or new requirements

COPQ Continuum and S-W-M

- COPQ Conformity Form Serial No: Date:
- Name of the ward/zone/road/street/site or building/installation:
- Assessment carried out by:
- Form filled by:
- Current status (Tick as applicable):
 - Being planneddesigned [] Active and operational
 - Being implemented [] Under-rectification or Under-repair
 - Being integrated/tested [] Under-surveillance
 - Being disassembled [] Rejected due to costs, risks or problems
- Assessment criteria (Tick as applicable):
 - Quality assurance for distinctive nature of conformity, product or service
 - Quality assurance for Location
 - Quality assurance for New/Existing/Aging Foundation
 - Quality assurance for Layout
 - Quality assurance for Natural systems interface utilization
 - Quality assurance for Sustainability

COPQ Continuum and S-W-M

- **Quality assurance for distinctive nature of installation, its site, building, facility or need for service**
- **Nature of installation, its site, building or facility (Tick as applicable):**

- Small
- Medium
- Large
- Part of a larger cluster

Nature of S-W-M responsiveness needed (if any):

Are there issues related to the following (like) (Tick as applicable):

- S-W-M terms & conditions or due scope
- S-W-M pricing / COST OF POOR QUALITY COSTS
- S-W-M planning for & understanding of utilization
- S-W-M promotion of the old QCDESC expectation
- S-W-M effort in improving customer loyalty/ social welfare or assurance
- S-W-M inclusion of sustainable project management

Nature of S-W-M responsiveness needed (if any):

COPQ Continuum and S-W-M

- Quality assurance for the installation's Location
- Nature of installation, site or building (Tick as applicable):

- Small
- Medium
- Large
- Part of a larger cluster

Nature of S-W-M responsiveness needed (if any):

Are there issues related to location of installation, site or building (like) (Tick as applicable):

- In a crowded neighborhood
- In an industrial region
- In a polluted region
- In an isolated place
- In a generally unsafe area
- With other inherited vulnerabilities due to geographical conditions

Nature of S-W-M responsiveness needed (if any):

COPQ Continuum and S-W-M

- Quality assurance for the S-W-M via a SMART S-W-M Conformity / COPQ Profilometer
- The SMART Focus to include (Tick as applicable):
 - Quality Assessment and Assurance
 - Proof of stability or sustainable performance amidst climate change and road system / road infrastructure dynamics
 - Connected cost-effectiveness and performance
 - For the S-W-M scope
 - For the S-W-M period
 - For the S-W-M relevance for quality
 - For the S-W-M relevance for energy / utilization based sustainability
 - Safety based on
 - Connected cost-effectiveness and performance
 - Nature of the installation site and accountability
 - Nature of ownership or open-ness
 - Adjoining Unregulated/Basement Parking areas and possibility of accidental damage
 - Adjoining Sheds or temporary structures and possibility of accidental damage
 - Future connected analytics
 - CCMA related Problem solving for connected effectiveness and performance
 - Scaled-up-adoption in terms of Green QA products/systems/continuum-profiles, energy systems/backup systems/panel incorporations

COPQ Continuum and Sustainable S-W-M

- Quality assurance for S-W-M via a SMART S-W-M Conformity / COPQ Profilometer

- Nature of S-W-M responsiveness needed (if any):

- Use of a tool like Dimensional benefits (related details)

Quantitative dimensional benefits of the solution for the ecosystem
(current + potential)

SMART Focus

- Quality
- Cost
- Delivery
- Safety
- Environment
- Deep Interaction



Sustainability Proposal

- Green MIR Identity
- Analytics
- Management Index
- Augmented Protection
- Compliance Assessment Model
- Aging Assessment Model

Green QA
Product

COPQ Continuum and Sustainable S-W-M

- Quality Assurance for the S-W-M via a SMART S-W-M Conformity / COPQ Profilometer
- **Augmented Focus includes (Tick as applicable):**
 - Compliance Re-Assessment Model**
 - Site/closed-for-dynamics installation or open-dynamics installation Aging Assessment Model**
 - Key Opinion Profile Analytics**
 - Via Call to attention Self-assessments
 - Via Call to attention QA Audits
 - Via Call to attention CUSTOMER SATISFACTION Surveys/ Common complaints
 - Via S-W-M connected Incidence Management, Complaints Redressal, Feedback
 - Augmented Protection**
 - Commitment to make the installation/service lifecycle a Green-QA-Product
 - Commitment to improve the Ease of Management Index
 - Commitment to help Risk Assessment and Control
 - Statistical Analysis**
 - For site and installation installation
 - For Call to attention highlights
 - Future connected analytics**
 - Ranked (for Issue resolution) planning for quality assurance and customer satisfaction
 - Forward Lifetime analysis for the site/installation/operation and maintenance

S-W-M Conformity Assessment form

- Quality assurance for closed for dynamics installation or open dynamics installation and its reviewed for Dimensional Benefits Layout
- Installation Layout could include (Tick as applicable):

Road system / Road side

Open environment

Single building

Multiple buildings

Commercial establishments

Government offices

Security infrastructure

Basement areas

Club-house & other amenities

Multi-level Parking areas

Compound area

Storerooms

Unregulated Parking areas

Basement Parking areas

Sheds or temporary structures

Nature of S-W-M responsiveness needed (if any):

S-W-M Conformity Assessment form

Electricity supply arrangements (Tick as applicable):

Nature of S-W-M responsiveness needed(if any):

S-W-M Conformity Assessment form

New / Existing Load estimation for site (Tick as applicable):

- General purpose lighting (in-doors) Number:
- General purpose lighting (out-doors) Number:
- installations Number:
- Pumps Number:
- Motors Number:
- Generators / Diesel sets Number:
- UPS Number:
- Computers Number:
- Appliances Number:
- Advanced equipment Number:
- Critical for life saving, healthcare or nursing equipment Number:
- Solar heaters Number:
- Cooling plants Number:
- HVAC systems Number:
- Air-conditioning systems Number:
- Chimneys Number:
- Incinerators Number:
- Alternate Energy (electricity supply) Number:
systems

S-W-M Conformity Assessment form

Nature of issues / condition of the electrical systems (if any):

S-W-M Conformity Assessment form

S-W-M connected circuit arrangements (Tick as applicable):

- According to regulations
- Concealed (where ever possible)
- Temporary
- Open
- Emergency

Nature of problems (if any):

S-W-M related Norms considered at the site (Tick as applicable):

- Protection against lightning
- Protection against faulty earthing leakages
- Protection against short circuit current surges, low voltage, fluctuating voltage, spikes
- Increasing wiring sizes according to regulation codes or opting for better insulation to prevent energy loss
- Policy driving replacement of obsolete or power intensive equipments and systems with ones that are capable of more energy savings
- Regular inspection and remedial action

S-W-M Conformity Assessment form

Fire mitigation need based Water supply arrangements for the site:(Tick as applicable)

<input type="checkbox"/> Public distribution system	Capacity:	Timings:
<input type="checkbox"/> Wells	Number:	
<input type="checkbox"/> Bore-wells	Number:	
<input type="checkbox"/> Tanks	Number:	

Nature of problems (if any):

S-W-M Conformity Assessment form

Type of distribution network for fire mitigation related water supply (Tick as applicable):

- Pipes (metallic)
- Pipes (non-metallic)
- Hoses
- Temporary arrangements
- Emergency arrangements

Nature of problems (if any):

S-W-M Conformity Assessment form

NOTE: Sustainable product usage and S-W-M effectiveness is a subject where assessments are done and possible actionsplans drawn to preserve the environment, mitigate disasters, damage, risks or threats. The subject deals with equipping the manufacturer, S-W-M department, third party site management company or occupants with information so one can develop a “S-W-M Conformity profile of the Natural systems interface” to take advantage of the naturalassets at the location like the following:

- a. **Use of natural slope or designing man-made sloping** to mitigate issues like water shortage, low pressure in water supply, water logging, landslides and mudslides etc

- b. **Optimum use of sunlight, shade** to provide natural lighting, and/or generate energy via solar photo voltaic panels

- c. **Best use of the prevailing winds** to provide ventilation, and/or generate energy via micro-windmills

- d. **Effective use of the prevailing rainfall patterns and the microclimate at the location** to plan hazard control construction, water management systems and landscaping

Assessment form

- e. Implementing (i) rain water harvesting, or (ii) storm water harvesting
- f. Opting for eco-scaping which includes xeriscaping and gardening, where the plants that are grown in-house, or on terraces or in gardens are medicinal plants, aromatic plants and other varieties that need less water and minimal maintenance
- g. Facilitating sustainable building techniques by promoting more awareness, adherence and mitigation where occupants show collective responsibility or come up with complementary go-green measures
- h. Developing of a disaster mitigation plan to help sensitize the third party management company and occupants to disasters, risks or threats or to at least opt for measures that increase chances of loss reduction or survival.

Part 2 of this Reckoner provides more details on how one can develop a disaster mitigation plan.

Assessment form

Are there any issues related to the (Tick as applicable)

- Natural systems interface (to take advantage of the natural resources at the location, use of light, shade, the prevailing winds, the prevailing rainfall patterns, the microclimate at the site)? Yes/No

Related details about design, layout and natural systems utilization:

- Proximity to disaster prone areas? Yes/No

Vulnerable: Yes/No

Related details about risks or threats:

- Seasonal climate patterns in region/state? Yes/No

Vulnerable: Yes/No

- Recent climate patterns in region/state? Yes/No

Vulnerable: Yes/No

- Electricity (Energy) supply systems? Yes/No

Insufficient: Yes/No

- Alternate Energy supply systems? Yes/No

Not planned: Yes/No

- Water supply systems? Yes/No

Insufficient: Yes/No

- Alternate Water supply systems? Yes/No

Not planned: Yes/No

- Irrigation system for garden/lawn etc? Yes/No

Not conservative: Yes/No

- Waste management systems? Yes/No

Insufficient: Yes/No

Assessment form

- **Are there any issues related to the (Tick as applicable)**
 - 24/7 Availability model for occupancy or business practices (via standby diesel sets/alternate systems/alternate resources)? Yes/No
 - (If yes) Nature of problems:
 - Human health influencers (air quality/water quality/land degradation/waste generated/house-keeping chemicals utilization etc)? Yes/No
 - (If yes) Nature of problems:
 - Neighboring site/facility/building influencers? Yes/No
 - (If yes) Nature of problems:
 - Other costs related influencers and risks affecting occupants or business practices? Yes/No
 - (If yes) Nature of problems:

Assessment form

- **Identification of trends seen for costs related influencers (Tick as applicable)**
 - Increasing operating costs and maintenance costs? Yes/No
 - High electric power or electric systems 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
 - Escalating 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 criteriapollutants(VOCs)? Yes/No
 - Growing concern about the aspect of Global warming and unprecedented climate change affecting similar sites/facilities/buildings? Yes/No

Note: This issue may need investment in additional solutions that help mitigate risks and threats.

Assessment form

- **Identification of influencers causing risks (Tick as applicable)**
 - Issues due to unplanned tall/weak structures at location? Yes/No
 - Issues due to old and defunct infrastructure at location? Yes/No
 - Issues with design and/or location of electrical systems? Yes/No
 - Issues with design and/or location of waste water treatment plants? Yes/No
 - Issues with design and/or location of waste treatment plants? Yes/No
 - Issues with how house-keeping chemicals, fertilizers, manure, or other hazardous material is being utilized and/or stocked? Yes/No
 - Issues with availability of transport for occupants, visitors or materials? Yes/No
 - Does the site/building have plans and provisions for early detection, abatement and containment of fire? Yes/No

Assessment form

- **Identification of influencers causing risks (Tick as applicable)**

- Issues with fire extinguisher systems? Yes/No
- Issues with planning for inflow, exit or evacuation areas? Yes/No
- Issues due to non-fire or sudden climate change emergencies? Yes/No

Does the site/building have plans and provisions for preparedness, abatement and containment of damages due to earthquakes? Yes/No

Does the site/building have plans and provisions for preparedness, abatement and containment of damages due to landslides and mudslides? Yes/No

Does the site/building have plans and provisions for preparedness, abatement and containment of damages due to cyclones? Yes/No

Does the site/building have plans and provisions for preparedness, abatement and containment of damages due to water logging or flooding? Yes/No

Does the site/building have plans and provisions for preparedness, abatement and containment of damages due to sudden hailstorms/windstorms/frost? Yes/No

Assessment form

- **Identification of influencers causing risks (Tick as applicable)**

Does the site/building have plans and provisions for early remedial action, abatement and containment of damages & health hazards due to garbage dumps, sewer problems or open drain problems? Yes/No

Does the site/building have plans and provisions for early remedial action, abatement and containment of damages & health hazards due to nearby contaminated water bodies?
Yes/No

Does the site/building have plans and provisions for early detection, abatement and containment of damages & health hazards due to pests/termites/virulent insects? Yes/No

Assessment form

- **Risks to life and property due to Earthquakes (Tick as applicable)**
 - Does the building or facility adhere to Building codes for structural and non-structural design measures? Yes/No
 - Do the structures have high energy absorption capability? Yes/No
 - Is seismic resistant steel used? Yes/No
 - Has sway resistance been designed in steel used in the building or facility? Yes/No
 - Has the ductility of steel frames of the building or facility been improved? Yes/No
 - Have norms or guidelines been followed for Building configuration (...)? Yes/No
 - Have norms or guidelines been followed for the Building Foundation (...)? Yes/No
 - Have norms or guidelines been followed for the control on openings in walls (...)? Yes/No

Assessment form

- **Risks to life and property due to Earthquakes (Tick as applicable)**
 - Have norms or guidelines been followed for the control on wall length and building height (...)? Yes/No
 - Have norms or guidelines been followed for providing vertical reinforcement (...)? Yes/No
 - Have norms or guidelines been followed for water-proofing of building (...)? Yes/No

Assessment form

- **Risks to life and property due to Cyclones (Tick as applicable)**
 - Is the building protected from high-velocity winds? Yes/No
 - Has the whole structure been designed in such a way that it can withstand lateral movement and unpinning forces? Yes/No
 - Are the frames and gables braced? Yes/No
 - Have the connections between the roofs and the walls been strengthened? Yes/No
 - Have norms or guidelines been followed in planning orientation of the building (...)? Yes/No
 - Have norms or guidelines been followed for certain parameters of the Building Foundation (...)? Yes/No
 - Have norms or guidelines been followed for the control on openings in walls (...)? Yes/No

Assessment form

- **Risks to life and property due to Cyclones (Tick as applicable)**

- Have norms or guidelines been followed for the control of paneling (...)? Yes/No
- Have norms or guidelines been followed while deciding upon roof and rooftop structures for the building (...)? Yes/No
- Have norms or guidelines been followed by the installing of wind-break fences and planting of shelter belts in the direction of the wind, if building is in the country-side, or out in the open (...)? Yes/No

Assessment form

- **Risks to life and property due to Floods (Tick as applicable)**
 - Have norms or guidelines been followed in selecting site of the building (away from flood plains or away from large water bodies that can flood)? Yes/No
 - If not, have norms or guidelines been followed for mitigation of certain risks (like being swept away by strong currents, sudden collapse, water logging)? Yes/No
 - Have norms or guidelines been followed to elevate the building so as to keep the lowest floor above flood level? Yes/No
 - Have norms or guidelines been followed in making the building water tight to restrict entry of water (blocking of doors, windows and air vents with boards, use of coal fly-ash in construction of embankments or dykes)? Yes/No
 - Have norms or guidelines been followed in making the exposed parts of the building resistant to water damage (use of coal fly-ash as it has self-cementing properties)? Yes/No
 - Have norms or guidelines been followed in designing sloping rooftops, basements, driveways and suitable storm water drains to help prevent water logging in manageable circumstances? Yes/No

Assessment form

- **Risks to life and property due to Landslides and Mudslides (Tick as applicable)**
 - Have norms or guidelines been followed in selecting site of the building (away from the foot of hills, not on open or unconsolidated slopes of hilly areas)? Yes/No
 - Have norms or guidelines been followed for mitigation of certain risks (like being swept away by land slides or mud slides, sudden collapse, water stagnation)? Yes/No
 - Have norms or guidelines been followed by constructing wide ditches around building? Yes/No
 - Have norms or guidelines been followed by constructing retention structures? Yes/No
 - Have norms or guidelines been followed by constructing deflection structures or protection walls for building? Yes/No
 - Have norms or guidelines been followed in constructing channels or drainage systems on slopes? Yes/No
 - Have norms or guidelines been followed by planting trees on open or unconsolidated slopes of nearby hilly areas? Yes/No

Readiness, repair and restoration strategy

- **Inspection category:** Assessment of solution, product or service
- **S-W-M Conformity Form Serial No:** **Date:**
- **Name of the project:**
- **Scenarios of issues**
 - 1. If there are issues with the scope, pricing, consumerism, promotions or customer loyalty, the company will need to conduct gap analysis using the “Making your products and projects sustainable” handbook/guide. Incorporation of satisfaction surveys at different levels like the Customer Satisfaction Survey, the Manufacturer Satisfaction Survey, and the Supplier Satisfaction Survey can help.
 - 2. If there are issues with the project management methodologies, then the company will need to refer to the ZED Proverbial on Project Management, and compliment this understanding by reading more about sustainable project management in the “Making your products and projects sustainable” handbook/guide.

Readiness, repair and restoration strategy

- **Inspection category:** Assessment of the ward/zone/road/street/installation/S-W-M assurance
- **S-W-M Conformity Form Serial No:** **Date:**
- **Name of the site or building:**
- **Scenarios of issues**
 - 1. If there are issues with the Natural systems interface, these need to be analyzed to understand what the construction company, third party BMS/FMS company or occupants can do to better the design for sustainability. It is found that in most cases a third party management company or occupant cannot change the inherent design of the site/building/design for installations, or occupants cannot invest in all possible renewable energy solutions due to cost factors, then a revert on any conformance to certain basic expectations like DEC and HPE can mitigate risks and threats.
 - 2. If the site is near disaster prone areas, then it is necessary for the third party management company or occupants to have a disaster mitigation plan.
 - 3. If there are issues with the geographical location or seasonal climate patterns in the region/state, then the third party management company or occupants must analyze the risk probability and mitigate risks via a suitable plan or even procure insurance.

Readiness, repair and restoration strategy

- 4. If there are issues with sudden seasonal climate patterns in region/state, then the occupants must assess the **risk probability**, pursue **or** devise a contingency plan to control or repair damage to the extent possible. It may be necessary to plan for contingency repair/replacement/service effectiveness.
- 5. If there are issues with the irrigation systems flooding or draining water supply, then the third party BMS/FMS company or occupants must get this addressed immediately.
- 6. If there are issues with the Electricity (Energy) or Water supply systems, then the third party BMS/FMS company or occupants must evaluate DEC & HPE adherence, and get this addressed immediately.
- 7. If there are issues with the Alternate Energy (Electricity supply) systems, then one must evaluate the impact on sustainability and address the same keeping in mind the priority to use the installation and triple bottom line profitability.
- 8. If there are issues with the Alternate Water supply systems, then one must evaluate the impact on sustainability and address the same keeping in mind the need to protect the installation installation/ resolve fire incidences and revert for any triple bottom line profitability.

Readiness, repair and restoration strategy

- 9. If there are issues with the Drainage arrangements (regular/excess/incidental), then one must evaluate the potential of a better Natural systems interface, and according to what is possible control the damage keeping in mind the installation utilization and sustainability.
- 10. If there are issues with the Non- biodegradable (inorganic) Waste management, then one must carefully look at the nature of the problem and address the same with the help of better segregation, packing and disposal techniques. Any neglect could lead to contamination or degradation of the installation / installation / environment.
- 11. If there are issues with the Biodegradable (organic) Waste management, then one must address the same with the help of better labelling of product / service lifecycle expectations for segregation, packing and disposal techniques. Any neglect could lead to the germicidal issues affecting the installation/installation/environment.
- 12. If there are issues with the Waste-to-Energy systems, then one must evaluate the impact on the usage of the installation keeping in mind the priority and triple bottom line profitability.

Readiness, repair and restoration strategy

- 13. In scenarios where there is a large garden or lawn, if there are issues with energy consuming/draining garden or lawn implements, this must be addressed immediately.
- 14. If there are issues with the energy consuming/draining garden or lawn implements, then one must evaluate the impact on sustainability and address the same keeping in mind the priority for the installation installation and triple bottom line profitability.
- 15. If there are issues with the house-keeping chemicals, fertilizers, manure etc, then one must identify the nature of the problem this can cause to the life/service lifecycle i.e. whether the issues are related to the hazards or benefits of the product, the EPD or EBD declarations of the product, its sourcing, its inventorying, its stocking, its 24/7 or as needed availability, its reordering etc.

NOTE: EPD stands for Environment Product Declarations, EBD stands for Environment Building Declarations that identify whether a product is safe for the environment and green in its complete lifecycle i.e. sourcing, manufacturing, utilization, disposal and/or reuse practices.

Readiness, repair and restoration strategy

16. If there are issues with the 24/7 Availability model for occupancy or business practices (via standby diesel sets/alternate systems/alternate resources), then these problems need to be cross-examined and addressed to prevent any lack of planning or unavailability (like lack of minimal lighting, water supply, non-functional installations etc) from adding to the risks faced by the occupants. Preparedness and agility to act are factors that are important to control damage today.
17. If there are issues with Human health influencers (air quality/water quality/chemicals utilization etc), then these need to be taken up seriously and remedial steps taken to address the same.
18. If there are issues with Neighboring plot/site/building/facility influencers, then it needs to be understood that this may affect environment conservation practices and also could in the long term lead to climate change issues and environment deterioration.
19. If there are other costs related influencers affecting occupancy or business practices, then it is important for one to get some assistance in understanding the influencers and alternatives available today. If there is a growing concern about costs, shortage, climate change, then one must assess the **risk probability** for the site.

Readiness, repair and restoration strategy

A note on the risk probability for the site

- (a) One must assess and examine what best can be done in case of fire-emergencies. An associated body providing consultation advice can help understand the options available to control damages.

For preparedness, abatement and containment of damages due to earthquakes, cyclones, flooding, landslides and mudslides, one needs to practice hazards control construction and also devise a disaster mitigation plan to act in the event of a disaster, risk or threat.

Certain details have been shared via our Case studies for this Reckoner, it is advised that one consult with an associated case study to understand the solutions available to control damages.

- (b) One must assess and examine what best can be done in case of climate change emergencies like hailstorms/snow fall/frost. An associated case study providing consultation advice can help understand the options available to control damages.

- (c) One must assess and examine what best can be done in case of other emergencies like attack due to pests/termites/virulent insects. An associated case study providing consultation advice can help understand the options available to control damages.

Readiness, repair and restoration strategy

(Continued) A note on the risk probability for the site

- (d) One must assess and examine what best can be done in case of another emergency like issues caused due to hazardous practices of a neighboring plot/site/building/facility. An associated body providing consultation advice can help understand the options available to control damages.
- (e) If there are issues like health hazards due to garbage dumps, sewer problems or open drain problems, or nearby contaminated water bodies, then must mobilize support from the neighborhood and raise the issue with the area-wise municipal body to initiate necessary remedial action.

From required repair/replacement to assessing for risk probability

Some of these areas need all concerned to have the interests of the community in mind and for people to show collective responsibility for environment conservation and sustainability.

Sensitization and preparedness are the first steps. The Q&A reports/surveys from this assessment will be shared with a COPQ-PROJECT-CENTRE / COPQ-QUALITY_PROMOTION-CENTRE to determine the call to attention cost of poor quality (COPQ) issues or COPQ continuum problem solving, where the focus for SMART Ward Management is developed using a SMART Ward Portfolio concept.

Readiness, repair and restoration strategy

(Continued) A note on the risk probability for the site

As the roads alongside which the specific SMART Ward Management repair/replacement/Quality assurance are of different types, the proposal for a strategy accentuates the need for a SMART Connect Portfolio for people/commuters/service anywhere anyhow teams to address a distinctive nature and cost of poor-quality nature of road system and road infrastructure issues affecting a Ward/Zone/Road/Street/Site's installation of department specific elements.

For SMART Ward Management departments, the costs of road system and road infrastructure issues, or deteriorating climatic conditions will sometimes cause a concern as to whether related terms and conditions, and due scope considerations are being given for QCSED expectations where this can be helped by ward management department or domain specific sustainable project management.





All of a Sudden



Safer Crowd Behaviour via a Fast
Track Safety Desk



Safer Crowd Behaviour via a desk

Delaying safety via a Risk Mitigation Desk

For a crowded site/location/darshan/rally or religious / social experience in a temple/rally/associated environment, the first step in the Facility Risk Mitigation Programme could include timeline planning for the darshan/rally or religious / social experience, with the detailing of a Pincode intelligent Safer Facility Field Book that identifies the compendium of elements known to be part of the routes/queues/religious / social experiences planned.

A Pincode intelligent Safer Facility Field Book will include details such as

- Pincode-ramp and its assistance for the site
- Site classification, design, layout, facility compendium detailing, management effectiveness/QA expected
- Site staging for the darshan/rally or religious / social experience
- Site timelines for the darshan/rally or religious / social experience
- Site specific lead and lag influencers for the darshan/rally or religious / social experience
- Site specific standard TMS route assurance for crowd movement
- Site specific benchmarked by Twin Timeline Adaptivity - TMS route assurance for crowd movement
- Site specific sudden or expected cascading of crowd behaviour for the darshan/rally or religious / social experience
- Site specific role setting for the social performance team for the ease of darshan/rally or religious / social experience
- Site specific role setting for the social performance team for the ease of organizing queue discipline or

Safer Crowd Behaviour via a desk

Delayering safety via a Risk Mitigation Desk

For a darshan/rally or religious / social experience related site/location/associated environment, the Pincode intelligent Safer Facility Field Book could include

Designing, developing and/or revisiting of a Build Risk Mitigation plan

Identifying the potential sources of Facility Risk Mitigation P-D-C-A(s)

Value understanding for Facility Risk Mitigation P-D-C-A(s)

Strategy for Facility Risk Mitigation P-D-C-A conceptualization



Designing and developing a Facility Risk Mitigation P-D-C-A handbook to be made available to stakeholders and social performance teams for the period/event/programme

Achieving safer crowd behaviour during the period/event/programme

Safer Crowd Behaviour via a desk

Delayering safety via a Risk Mitigation Desk

For a darshan/rally or religious / social experience , the Safety Enabling section will need to include details such as

- ✓ Darshan or Religious experience Name
- ✓ Darshan or Religious experience Type
- ✓ Darshan or Religious experience Version (to accommodate any conducive changes made for other reasons)
- ✓ Mode of Risk Mitigation and its P-D-C-A showcasing
- ✓ Staged Darshan or Religious experience Event lifecycle
- ✓ Design for commissioned risk mitigation
- ✓ Added Culture for Deep Interaction Evaluations of the associated compendium elements
- ✓ Statutory regulations
- ✓ Precautions Standard operating procedures
- ✓ The In-Time Facility Management Pilot / Vahanam /Assembly (Pilot) enabled Tracking of the associated site/location/route/section of the facility or Darshan or Religious experience
- ✓ Supportive QA of emergency response planning
- ✓ Supportive QA for social performance team and the assurance for crowd safety
- ✓ Supportive QA for ~~Safety and first Aid~~ ~~and the social performance team~~ ~~and the performance affecting~~ / Impactful incidences/conditions
- ✓ Supportive QA for conditional time of the year Hazards
- ✓ Supportive QA of Risk Mitigation signage and/or Crowd behaviour signal deployment
- ✓ Supportive response for sectional / tracked Stampede or Crowd rush or Emergency confusion Hazards



TMS Route Assurance

Safer Crowd Behaviour via a desk



TMS Route Assurance

- **Identifying the potential integrals of safe crowd behaviour**
- We find the potential integrals for safe crowd behaviour are
 - ❖ Relevance and Functional nature of P-D-C-A cycles for SAFE CROWD BEHAVIOUR during the darshan/rally/religious experience
 - ❖ Understand-ability by different schedule and queue/route related target audiences
 - ❖ Train-ability for social performance teams assisting in crowd behaviour management
 - ❖ Abuse-proof risk mitigation plan/queue / route arrangement for target audiences/decision makers
 - ❖ Editioning of the TMS Route Assurance
 - ❖ Reliability and Credibility for social performance teams/ decision makers/ In-Time Facility Management Vahanam/Assembly (Pilots)
 - ❖ Lateral Thinking and Green Thinking for the culture, schedule and queue/route
 - ❖ Practical COMMISSIONING AND DEEP INTERACTION CULTURE / Service Level Conformity for Crowd Behaviour Signal Discipline/ Acceptance/assistance via External service providers
 - ❖ Ease Crowd Behaviour solutions like Aging Assessment of in-time safety arrangements or facility elements, **Crowd SMART Triangles and Crowd Conducive Systems** for the Planning, Augmentation & Organizing of an Event/Darshan/Religious experience

Safer Crowd Behaviour via a desk

- **Identifying the potential integrals of safe crowd behaviour**
 - ❖ For a site/location/section of a site used for a darshan/rally or religious / social experience, a Facility Risk Mitigation Desk will need to revisit or plan safer crowd behaviour related P-D-C-A design/incorporation/quality assurance specific installation of pilots/assemblies to track/showcase
 - ✓ P-D-C-A Name
 - ✓ P-D-C-A Abbreviation
 - ✓ P-D-C-A Description
 - ✓ P-D-C-A Incorporation summary
 - ✓ P-D-C-A QA Metrics/ Reasoning owners
 - ✓ Explicit understanding for crowd behaviour detail/data capture
 - ✓ Scale of amplification for crowd behaviour detail/data capture
 - ✓ Scale of network effect for crowd behaviour detail/data capture (network effect is a loss in responses for recommendations/ suggestions and less adequate systems / processes)
 - ✓ Scale of ripple effect for crowd behaviour detail/data capture (ripple effect is a loss in Pilot tracking /assessment and/or loss of linked Remote assistance in sending priority alerts and notifications to the police, concerned authorities and civic bodies)
 - ✓ Frequency of review/revising of tracking for crowd behaviour detail/data capture
 - ✓ Priority of review/revising of tracking for crowd behaviour detail/data capture



Safer Crowd Behaviour via a desk

- **Identifying the potential integrals of safe crowd behaviour**
- We find the potential integrals for safe crowd behaviour are
 - ❖ For a site/location/section of a site used for a darshan/rally or religious / social experience, a Facility Risk Mitigation Desk will need to revisit or plan safer crowd behaviour related P-D-C-A design/incorporation/quality assurance specific installation of pilots/assemblies to track/showcase
 - ✓ P-D-C-A Incorporation and QA data values that include
 - Targeted tracking / descriptions
 - Associated crowd behaviour
 - Revision History for crowd behaviour
 - Date/Time of P-D-C-A effectiveness approval/ issue found
 - Weight for P-D-C-A effectiveness (both Training and Learning effectiveness)
 - Measurement perspective for P-D-C-A effectiveness
 - Trusted Data sources / teams / pilots/ assemblies for the P-D-C-A incorporation and expected QA
 - Targeted **track weight** assurance for crowd safety
 - Actual **track weight** assurance for crowd safety



Weights:
<input type="checkbox"/> Guide (1)
<input type="checkbox"/> Support (2)
<input type="checkbox"/> Advice (3)
<input type="checkbox"/> Help (4)

Track weights = Guidance Weight +
Support Weight + Advice Weight + Help
Weight

This applies in effect for
Training and Learning
separately

Safer Crowd Behaviour via a desk

- **Identifying the potential integrals of safe crowd behaviour**
- We find the potential integrals for safe crowd behaviour are
 - ✓ P-D-C-A Incorporation and QA data values that include
 - Case study specific (Training and Learning) track weight assurance for crowd safety (if applicable)
 - Maximum track weight assurance for crowd safety (if applicable)
 - Minimum track weight assurance for crowd safety (if applicable)
 - Average track weight assurance for crowd safety (if applicable)
 - Valid Range of track weight assurance for crowd safety (if applicable)
 - Darshan/Religious experience Event lifecycle specific indicators
 - ✓ Lead and Lag in stage of crowd movement
 - ✓ Pilot/Assembly tracking indicators of crowd movement
 - ✓ Route and Green thinking for crowd safety
 - ✓ Route and NSI interactions for crowd safety (NSI stands for Natural System Interface)
 - ✓ Route and CCMA issues for crowd safety (CCMA stands for Climate Change Mitigation and Adaptation)
 - ✓ Darshan/Religious experience/Event Planning, Organizing, P-D-C-A Projectization and Incorporation, QA or CSI
 - ✓ P-D-C-A Projectization, Crowd Behaviour Signal incorporation and Lateral Thinking



Safer Crowd Behaviour via a desk

- **Identifying the potential integrals of safe crowd behaviour**
- We find P-D-C-A Incorporation that includes QA effectiveness deals with
- 1-5 scale of effectiveness in a social performance team guiding the crowd/behaviour
- 1-5 scale of effectiveness in a social performance teams supporting crowd/behaviour
- 1-5 scale of effectiveness in a social performance team advising the crowd/behaviour
- 1-5 scale of effectiveness in a social performance team helping the crowd /behaviour

- The scale of effectiveness being surveillance, interaction and Crowd Behaviour Signal
- incorporation for
- 1: Safe crowd movement
- 2. Safe and more sensitized control over crowd movement
- 3. Safe and high priority control over crowd movement
- 4. Safe and critical control over crowd movement
- 5. Safe and afflicted/impacted scenario control over crowd movement



TMS Route Assurance

Safer Crowd Behaviour via a desk

- **Identifying the potential integrals of safe crowd behaviour**
- We find P-D-C-A Incorporation that includes QA effectiveness deals with
- 1-5 scale of effectiveness in a social performance team guiding the crowd/behaviour
- 1-5 scale of effectiveness in a social performance teams supporting crowd/behaviour
- 1-5 scale of effectiveness in a social performance team advising the crowd/behaviour
- 1-5 scale of effectiveness in a social performance team helping the crowd /behaviour

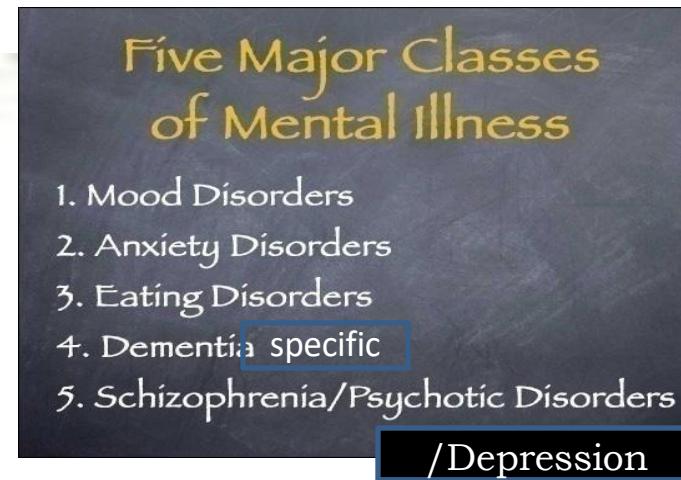
- Where there is Crowd Behaviour Signal incorporation for
 - 1: Guiding crowd movement: with related LCD on/panel active
 - 2. Supporting crowd movement: with related LCD on/panel active
 - 3. Advising crowd movement: with related LCD on/panel active
 - 4. Helping crowd movement: with related LCD on/panel active
- Panels can display “assuring safety” recordings, videos of situational behaviour,
- Audios of instructions/notifications/alerts, details of the Social performance teams
- And their responsibilities, first aid access details, pilot/assembly status



UNIVERSAL PLANNER



Emergency Response and Further Secure Life



Towards Anytime Aid or Emergency Services



Get your First Aid Guide

Further Secure Life

As a healthcare goal, we think it is appropriate to increase your awareness about what is important to know when you are commuting or transporting goods via roads/road systems and experiences filled with road system dynamics

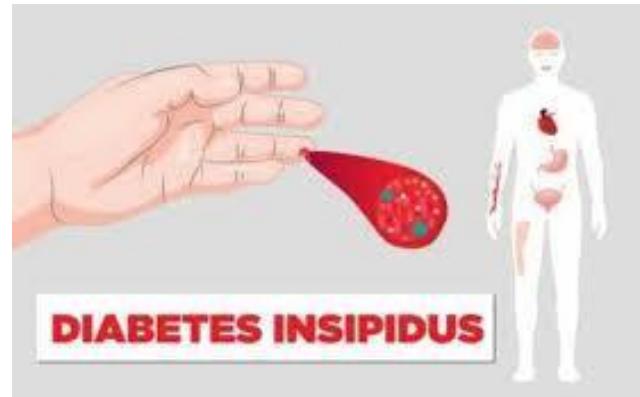


Health of People

Diabetes and symptoms

Out of best current knowledge, the following list of medical conditions (need to be monitored) for signs of diabetes.

1. Sedentary lifestyle and obesity
2. Unexplained weight loss
3. Frequent urination
4. Protein in urine
5. Excessive thirst
6. Fatigue or feeling unwell
7. Abdominal pain and/or vomiting with rise in sugar levels
8. Genital itching
9. Blurred vision
10. Tingling in the hands and feet

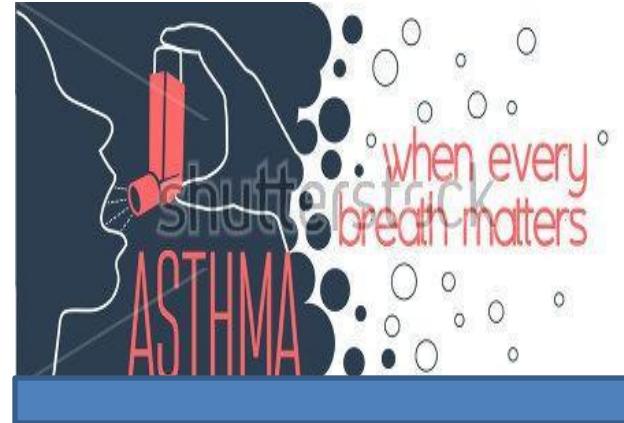


Health of People

Respiratory problems and symptoms

Out of best current knowledge, the following list of medical conditions (need to be monitored) for signs of asthma.

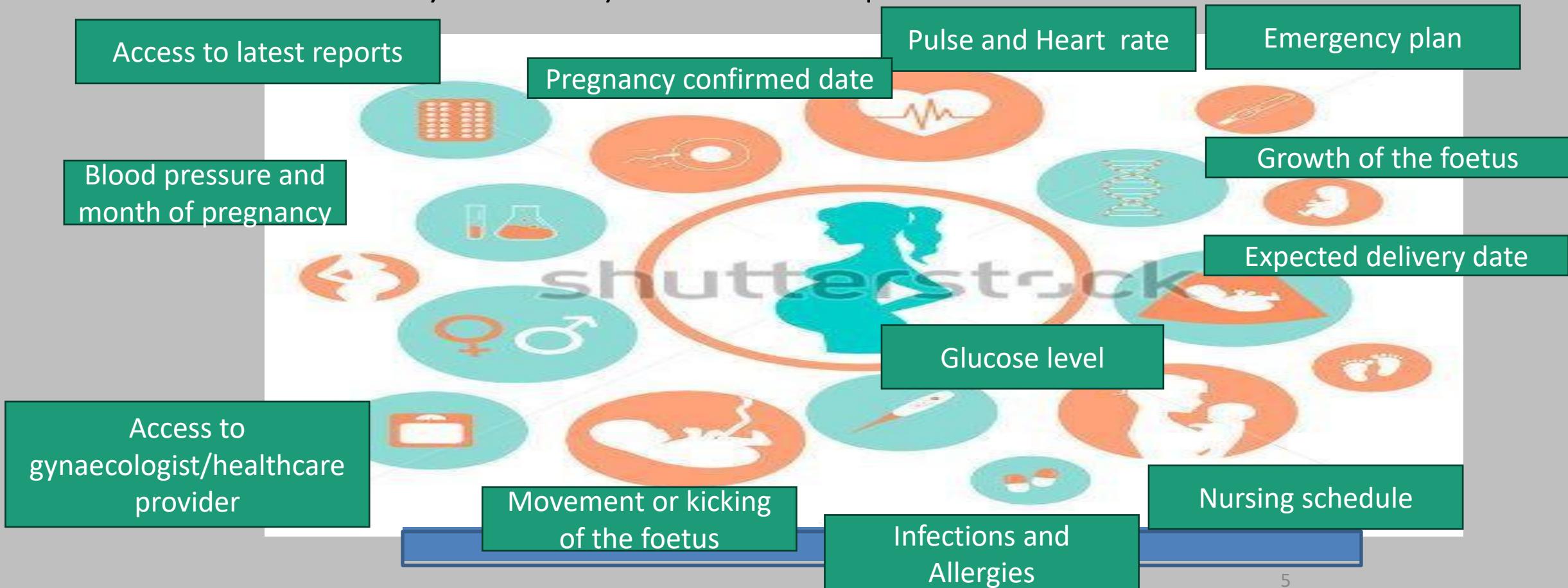
1. Inhaling in short gasps
2. Exhaling with long wheezing noises
3. Racing pulse
4. Difficulty in breathing caused by stress, anxiety or exercise
5. Difficulty in breathing triggered by changes in temperature, dust mites, pollen dust, cigarette smoke
6. Difficulty in breathing triggered by feathered and/or furred animals
7. Sticky mucus or phlegm
8. Breathlessness and tightness in chest
9. Persistent cough (often at night, early in the morning or during/after activity)
10. Lips turn blue



Health of People

Maternity care and health promotion

Out of best current knowledge, a vital list of points (need to be kept in mind) for better health promotion of pregnant mothers and the unborn baby. This is not yet included in the planner.

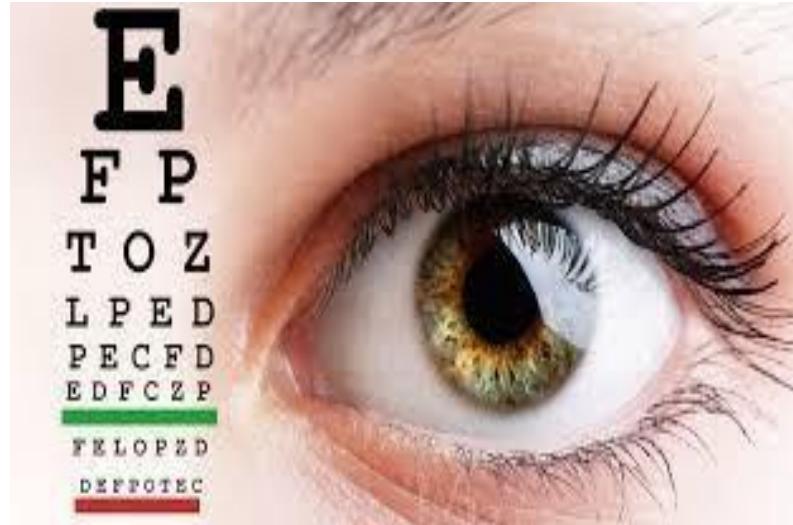


Health of People

Eye related problems

Out of best current knowledge, the following list of medical conditions affect your eyes.

1. Common eye problems
2. Vision problems
3. Squint problems
4. Cornea problems
5. Cataract
6. Diabetic retinopathy
7. Glaucoma
8. Accidental eye injury cases
9. An Initial opinion on conditions needing other healthcare services



What is available today to treat eye related problems?

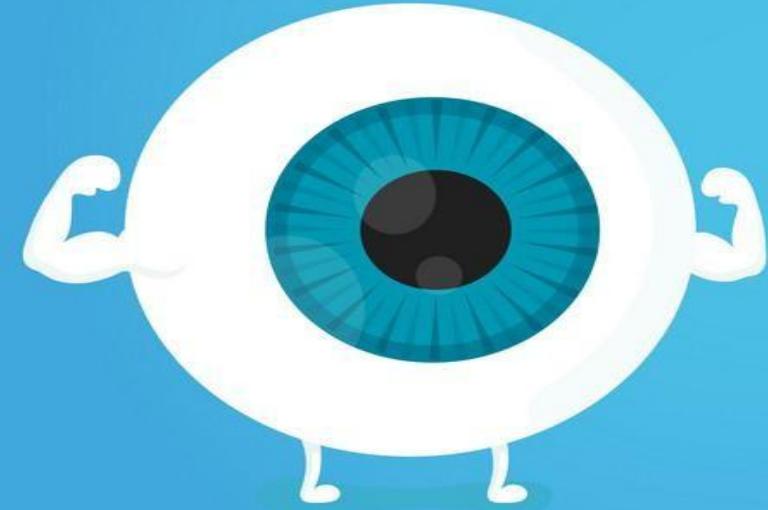
Comprehensive eye care that ranges from consultation, to diagnostics (via in-house laboratories), to treatment and where applicable reconstructive / corrective surgery for patients with the above conditions

Health of People

Eye care and points of importance



8 TIPS FOR EYE HEALTH



REGULAR EYES
CHECKING



PROPER
LIGHTING



BLINK
FREQUENTLY



WEAR SUNGLASSES
ON SUNNY DAY



DISTANCE
ADJUSTMENT



GAZE FOR
A GREEN TREE



EYES
EXERCISING



EAT
HEALTHY FOOD

Health of People

Eye care and points of importance



Eye Care...
Do You Really
Care??

SIX STEPS TO HELP KEEP YOUR EYES AND VISION HEALTHY



Eat right for good sight

Nutrients found in many fruit and vegetables and fatty acids can help protect your sight



Cover up

Cumulative exposure to the sun's UV light increases your risk of developing cataracts and macular degeneration



Quit smoking

Smokers are up to four times more likely to develop macular degeneration – the UK's leading cause of sight loss – than non-smokers



Be screen smart

Avoid eye strain by using the 20-20-20 rule, especially if you're using a computer for long



Watch your weight

Damage to blood vessels in the eye caused by excess body weight has been linked to the onset of glaucoma



Get tested

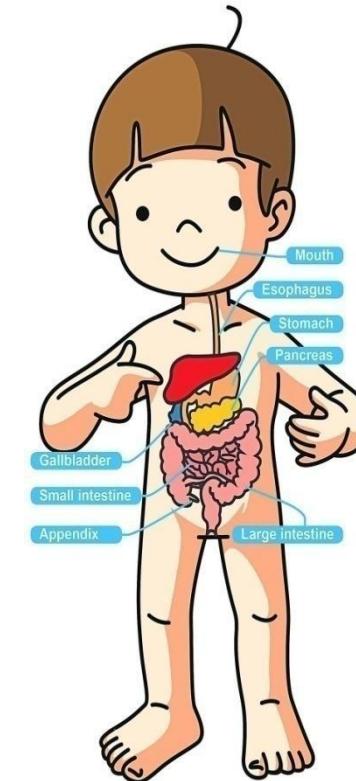
Get your eyes checked every two years even if you think your vision is perfect. Early detection is vital to prevent avoidable sight loss

Health of People

Digestive System care and points of importance

How can we take care of our digestive system?

- **step1:** Eat right, consume protein, carbohydrates in right amount and make sure you get plenty of fiber. Eat on right time schedule.
- **step2:** Drink plenty of water and avoid sugary drinks or those that contain caffeine. Limit alcohol drinks to 2 times a day.
- **step3:** Exercise. Moving around helps things move along



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Urinary system and functions

The following are the functions of the urinary system.

URINARY SYSTEM FUNCTIONS

- 1. Remove liquid waste from blood**
- 2. Maintain acid balance in body**
- 3. Maintain fluid balance in body**
- 4. Control blood volume**
- 5. Formation of urine**

Excretion of waste products from the body

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How can you keep your urinary system healthy?

7 Ways to Support Your Urinary System



1. Stay hydrated
2. Go when you gotta go
3. Keep the Kidneys warm
4. Herbs to strengthen the urinary system
5. Foods to strengthen the urinary system
6. Avoid excess sugar and carbs
7. Regular exercise and healthy diet

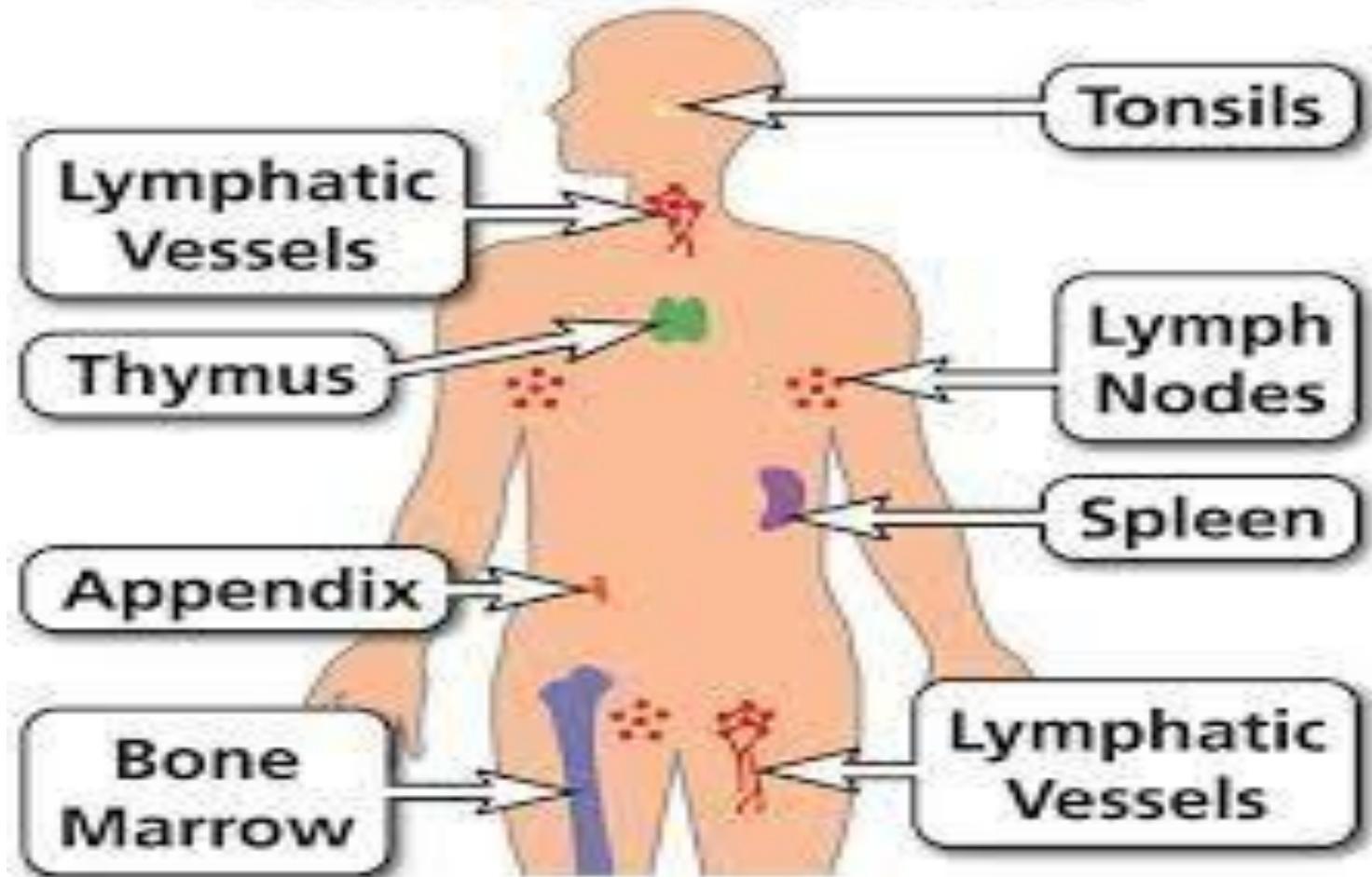
- + Maintain a bladder diary
- + Urine analysis when needed
- + Ensuring urine culture and sensitivity reports guide treatment

HerbalRemediesAdvice.org

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Natural defense systems that fight disease and infections

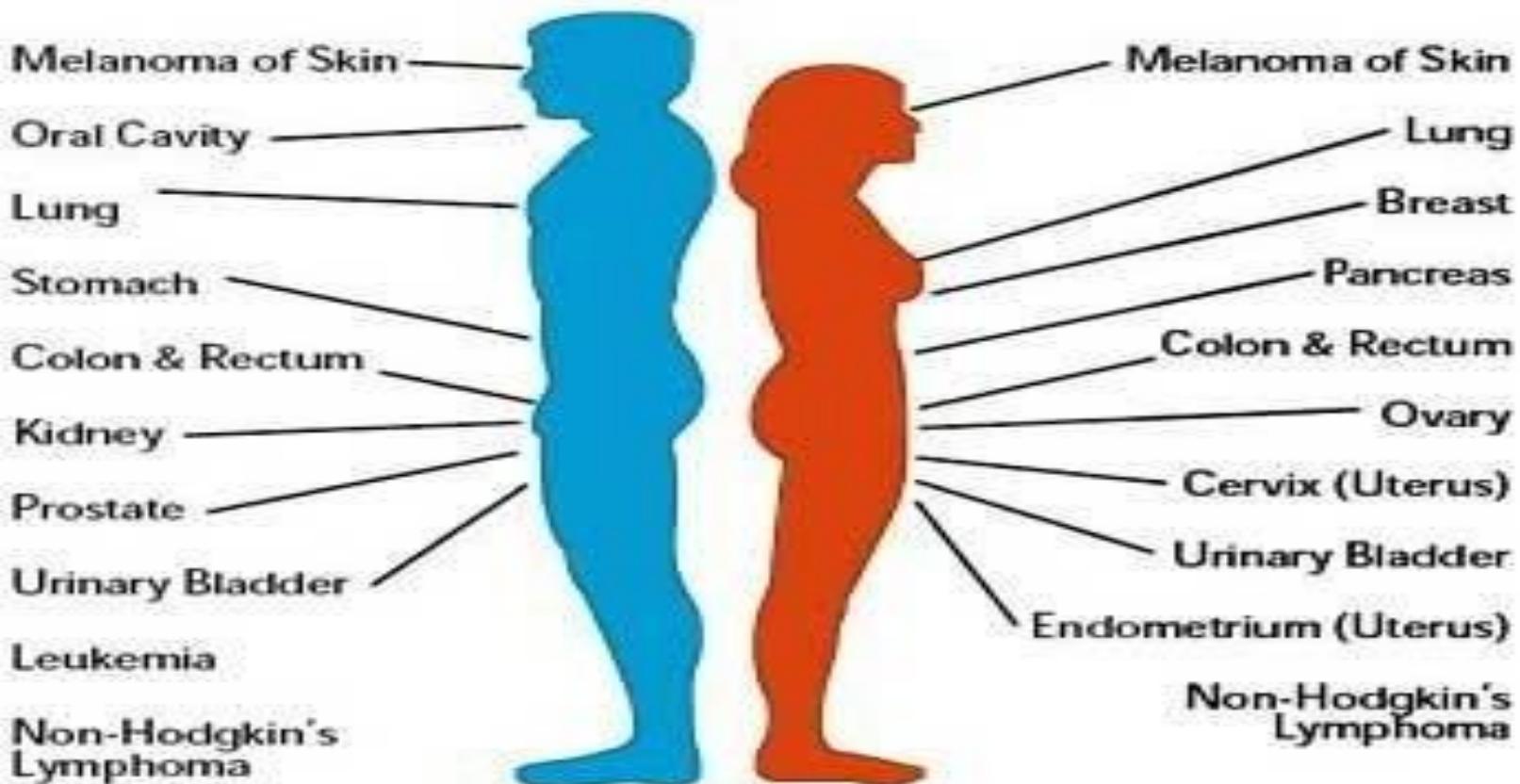
Immune System



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Types of Cancers

MULTIPLE FORMS OF CANCER



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Methods of early detection of Cancers

1. Screening tests
2. Mammography
3. Specific Antigen tests for prostate cancer
4. Routine checkups
5. Physical inspection
6. Self-examination



Potential signs

1. Unexplained weight loss
2. Lump or swelling
3. Persistent low grade fever
4. Persistent cough , changes in vision or speech or feeling continuous shortness of breath
5. Unusual change in bowel or bladder habits

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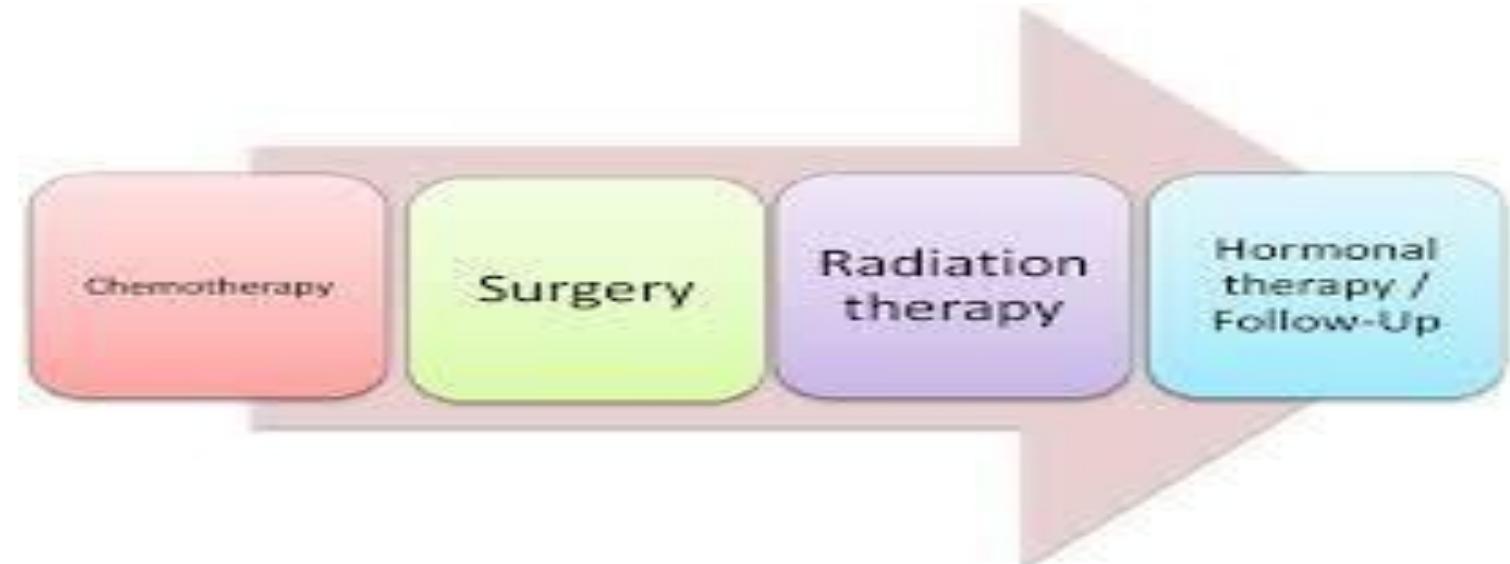
Broad aim of cancer care

1. Screening and early detection to ensure control and longevity
2. Patient education to share information with the patient and family as to what is the type of cancer, how far has it spread, stage of cancer, prognosis for survival, possible treatments and their success factors with a prognosis for longevity and relief, side effects of treatment, maintenance therapy or long term drug treatment, pain control treatments, post diagnosis wellness plan to prevent infections and improve chances of recovery, periodic screening or schedule of diagnostic tests to detect chance of a relapse, risks to the other family members possibly due to inherited factors, similar environment etc.
3. Comprehensive cancer care to ensure best chances of control and survival
4. Due study and relevant cancer care services to help cases where a family may be at risk due to inherited factors (gene mutations, abnormalities etc)

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Broad aim of cancer care

5. (Community services) Health campaigns and camps to share information about rises in specific cancer types, vulnerability of people living in a specific location, region, environment etc, sensitization and awareness building of causes for specific cancer types and risks that lead to their occurrences with enough information about early warning signs



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Nature of healthcare services

The services offered could be the following

1. Screening and prevention
2. Early diagnosis and treatment
3. Cancer surgery
4. Inpatient and outpatient chemotherapy or radiotherapy
5. Inpatient and outpatient cancer care, where this cancer care could cover palliative care or pain relief, physiotherapy, dietrics and psychological support (in addition connecting of patient and family to support groups etc)
6. Patient Education Programs for different cancer types
7. Physiotherapy and Rehabilitation services to ease pain, discomfort or aid recovery
8. Outreach services via exclusive Mobile Health Unit (MHU) services

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Water borne diseases and symptoms

Out of best current knowledge, the following list of medical conditions (need to be monitored) for signs of common water borne diseases.

Disease and Transmission	Microbial Agent	Sources of agent in the water supply	Symptoms
<u>Amoebiasis</u> (hand-to-mouth)	Protozoan (<u><i>Entamoeba histolytica</i></u>)	<u>Sewage</u> , <u>non-treated drinking water</u> , <u>flies</u> in water supply	Abdominal discomfort, <u>fatigue</u> , weight loss, <u>diarrhoea</u> , <u>bloating</u> , <u>fever</u>
<u>Giardiasis</u> (faecal-oral) (hand-to-mouth)	Protozoan (<u><i>Giardia lamblia</i></u>)	Untreated water, poor disinfection, pipe breaks, leaks, <u>groundwater</u> contamination, <u>Camp grounds</u>	Diarrhoea, abdominal discomfort, <u>bloating</u> , and <u>flatulence</u>

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Water borne diseases and symptoms (continued)

Disease and Transmission	Microbial Agent	Sources of agent in the water supply	Symptoms
<u>Botulism</u>	<u><i>Clostridium botulinum</i></u>	Bacteria can enter an open wound from contaminated water sources. Can enter the gastrointestinal tract through consumption of contaminated <u>drinking water</u> or (more commonly) food	Dry mouth, <u>blurred</u> and/or <u>double vision</u> , difficulty swallowing, muscle weakness, difficulty breathing, slurred speech, <u>vomiting</u> sometimes <u>diarrhoea</u> . Death is usually caused by <u>respiratory failure</u>

Health of People

Water borne diseases and symptoms (continued)

Disease and Transmission	Microbial Agent	Sources of agent in the water supply	Symptoms
<p><u>Cholera</u></p> <p><u>What is hypovolemic shock?</u> Severe fluid loss makes it impossible for the heart to pump a sufficient amount of blood to your body</p>	Spread by the bacterium <i>Vibrio cholerae</i>	Drinking water contaminated with the bacterium	In severe forms it is known to be one of the most rapidly fatal illnesses known. Symptoms include very watery diarrhoea, <u>nausea</u> , <u>cramps</u> , <u>nosebleed</u> , rapid <u>pulse</u> , vomiting, and <u>hypovolemic shock</u> (in severe cases)

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Water borne diseases and symptoms (continued)

Disease and Transmission	Microbial Agent	Sources of agent in the water supply	Symptoms
<u>Dysentery</u>	Caused by a number of species in the genera <u><i>Shigella</i></u> and <u><i>Salmonella</i></u> with the most common being <u><i>Shigella dysenteriae</i></u>	Water contaminated with the bacteria	Frequent passage of <u>faeces</u> with <u>blood</u> and/or <u>mucus</u> and in some cases vomiting of blood.
<u>Salmonellosis</u>	Caused by many bacteria of genus <u><i>Salmonella</i></u>	Drinking water contaminated with the bacteria. More common as a <u>food borne illness</u> .	Symptoms include <u>diarrhoea</u> , <u>fever</u> , vomiting, and abdominal cramps

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Water borne diseases and symptoms (continued)

Disease and Transmission	Microbial Agent	Sources of agent in the water supply	Symptoms
<u>Typhoid fever</u>	Salmonella typhi	Ingestion of water contaminated with <u>faeces</u> of an infected person	Characterized by sustained fever up to 104 °F, profuse <u>sweating</u> ; diarrhoea may occur. Symptoms progress to <u>delirium</u> , and the <u>spleen</u> & <u>liver</u> enlarge if untreated. Some people with typhoid fever develop small red spots on the abdomen & chest.

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Water borne diseases and symptoms (continued)

Disease and Transmission	Microbial Agent	Sources of agent in the water supply	Symptoms
<u>E. coli</u> Infection	Certain strains of <u>Escherichia coli</u> (commonly <i>E. coli</i>)	Water contaminated with the bacteria	Mostly diarrhoea. Can cause death in <u>immuno compromised</u> individuals, the very young, and the elderly due to <u>dehydration</u> from prolonged illness

Health of People

Water borne diseases and symptoms (continued)

Disease and Transmission	Microbial Agent	Sources of agent in the water supply	Symptoms
<u>Leptospirosis</u>	Caused by bacterium of genus <u><i>Leptospira</i></u>	Water contaminated by the animal urine carrying the bacteria	Begins with <u>flu-like symptoms</u> then resolves. The second phase then occurs involving <u>meningitis</u> , <u>liver damage</u> (causes <u>jaundice</u>), and <u>renal failure</u>

Health of People

Water borne diseases and symptoms (continued)

Disease and Transmission	Microbial Agent	Sources of agent in the water supply	Symptoms
<u>SARS</u> (Severe Acute Respiratory Syndrome)	<u>Coronavirus</u>	Manifests itself in Improperly treated water	Symptoms include <u>fever</u> , <u>myalgia</u> , <u>lethargy</u> , <u>gastrointestinal symptoms</u> , <u>cough</u> , and sore throat <u>Myalgia</u> : in this context it is muscle pain without reason like injury

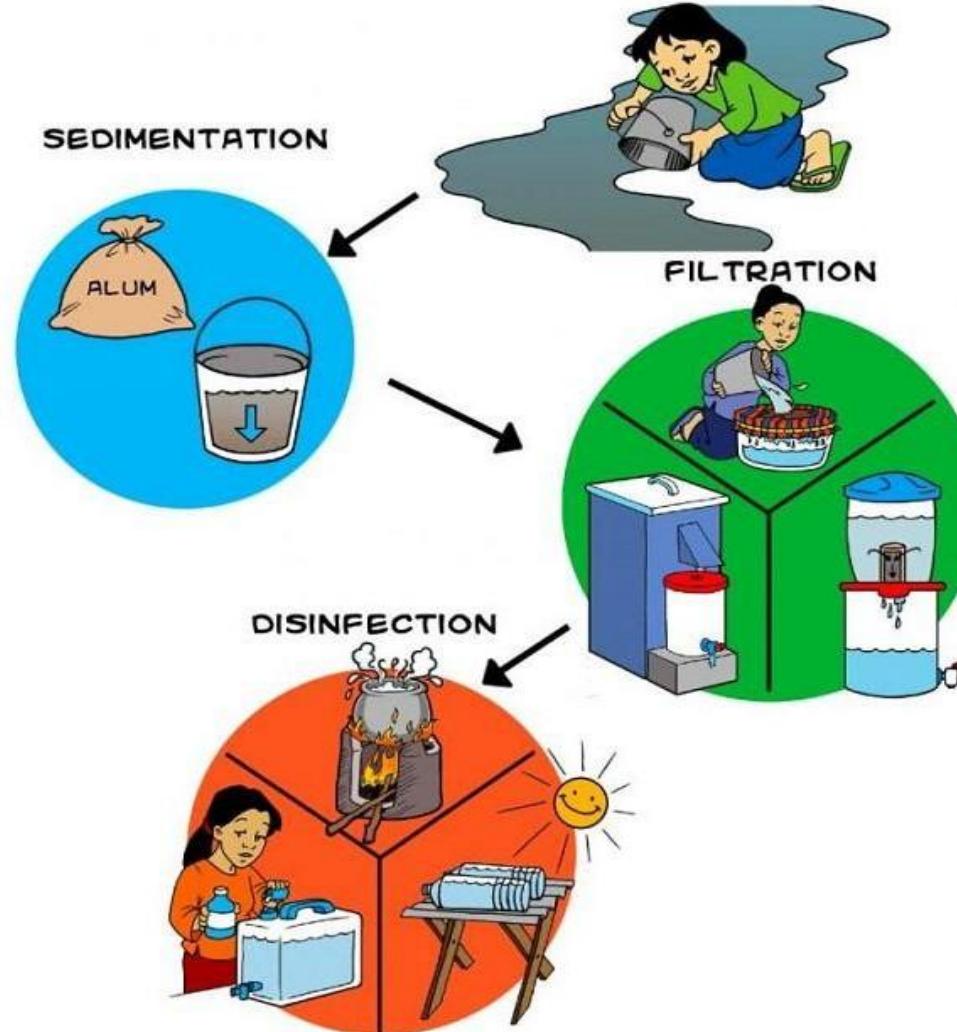
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Water borne diseases and symptoms (continued)

Disease and Transmission	Microbial Agent	Sources of agent in the water supply	Symptoms
<u>Hepatitis A</u>	Hepatitis A virus (HAV)	Can manifest itself in water (and food)	Symptoms are only <u>acute</u> (no <u>chronic</u> stage to the virus) and include <u>Fatigue</u> , fever, abdominal pain, nausea, diarrhoea, weight loss, itching, <u>jaundice</u> and <u>depression</u>

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Water borne diseases and prevention (hybrid scenario)



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Water borne diseases and prevention



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Water borne diseases and prevention

Prevention & Control

- Hygiene education
- Good nutrition
- Good sanitation
- Water related issues should be addressed immediately
- Public health infrastructure is of utmost importance to control outbreaks
- Avoid contacting soils that may be contaminated with feces
- Do not defecate outdoors ~ rural areas
- Wash /Sanitize our hands before eating
- While travelling to places with poor sanitation , avoiding contaminated water

Regular de-worming

Health of People

Mosquito bred diseases and symptoms

Out of best current knowledge, the following list of medical conditions (need to be monitored) for signs of 2 severe in risk mosquito bred diseases. On the basis of adaptability, this list can be extended.

Disease and how do the mosquitoes breed	How does the disease spread?	Symptoms	Detection
Japanese Encephalitis The Japanese Encephalitis mosquito breeds in polluted water, ditches, paddy-fields and in vegetation submerged in water.	Bite of the Culex mosquito, which bites mostly at night. Humans are accidental victims, the mosquito is known to infect animals like pigs and water birds. The feeder mosquito can rarely pick up the virus from an infected person and spread it to another through a successive bite.	For adults and older children Neurological problems like headaches, neck stiffness, near paralysis, disorientation and lack of coordination. In addition to these symptoms, the ones that follow in the “For babies or infants section” also apply. For babies or infants + Fever + Seizures + Tremors	+ ELISA test using serum samples + CBC count that is indicative of slightly elevated WBC, signs of leukopenia + Elevated levels of aspartate aminotransferase and alanine aminotransferase, drop in sodium levels, even mild anaemia

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Mosquito bred diseases and symptoms (continued)

Out of best current knowledge, the following list of medical conditions (need to be monitored) for signs of 2 severe in risk mosquito bred diseases.

Disease and how do the mosquitoes breed	How does the disease spread?	Symptoms	Detection (continued)
Japanese Encephalitis (Continued)	<p>Bite of the Culex mosquito, which bites mostly at night. Humans are accidental victims, the mosquito is known to infect animals like pigs and water birds.</p> <p>The feeder mosquito can rarely pick up the virus from an infected person and spread it to another through a successive bite.</p>	<p>For adults and older children Neurological problems like headaches, neck stiffness, near paralysis, disorientation and lack of coordination. In addition to these symptoms, the ones that follow in the “For babies or infants section” also apply.</p> <p>For babies or infants</p> <ul style="list-style-type: none">+ Fever+ Seizures+ Tremors	<p>+ EEG (Electroencephalography) tests that report diffused delta patterns, theta waves and burst suppression</p> <p>+ MRI and CT-scans showing bilateral thalamic lesions, basal ganglia, pons, cerebellum and spinal cord abnormalities</p> <p>+ Cerebrospinal fluid (CSF) testing showing elevated protein levels.</p>

Health of People

Mosquito bred diseases and symptoms (continued)

Out of best current knowledge, the following list of medical conditions (need to be monitored) for signs of 2 severe in risk mosquito bred diseases. On the basis of adaptability, this list can be extended.

Disease and how do the mosquitoes breed	How does the disease spread?	Symptoms	Detection
Dengue	Bite of several species of mosquito of the Aedes type , more commonly said to be Aedes type A	<p>Symptoms typically begin three to fourteen days after infection.</p> <p>This may include a high fever, headache, vomiting, muscle and joint pains, and a characteristic skin rash</p> <p>Severe dengue is defined as that associated with severe bleeding, severe organ dysfunction, or severe plasma leakage</p>	<p>Can be confirmed by specialty microbiological laboratory testing.</p> <p>This can be done by virus isolation in cell cultures, nucleic acid detection by PCR, viral antigen detection (such as for NS1) or specific antibodies (serology).</p> <p>Virus isolation and nucleic acid detection are more accurate than antigen detection, as related to costs.</p>

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Mosquito bred diseases and symptoms (continued)

Out of best current knowledge, the following list of medical conditions (need to be monitored) for signs of 2 severe in risk mosquito bred diseases.

Disease and how do the mosquitoes breed	How does the disease spread?	Symptoms	Detection (continued)
Dengue (Continued)	Bite of several species of <u>mosquito</u> of the <u>Aedes type</u> , more commonly said to be Aedes type <u>A</u>	<p>Symptoms typically begin three to fourteen days after infection.</p> <p>This may include a high <u>fever</u>, <u>headache</u>, vomiting, <u>muscle</u> and <u>joint pains</u>, and a characteristic <u>skin rash</u></p> <p>Severe dengue is defined as that associated with severe bleeding, severe organ dysfunction, or severe plasma leakage</p>	<p>Positive IgM & IgG tests for dengue antibodies when detected in a blood sample have different interpretations depending upon the possible time of infection</p>

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HGI makeup and immunity levels

Out of best current knowledge, your HGI makeup (Health-Growth-Immunity) depends upon



- (a) what you eat, what you drink, your RDA/RNI diet adherence, your soluble and insoluble fibre intake
- (b) how long you sleep or rest, how much you exercise, your wellness routine
- (c) your nature of immunity patterns, your genetic makeup
- (d) your nature of work or study environment, your travel experiences
- (e) the system of medicine availed, the drugs and medicines you take, your consumption of right antibiotics
- (f) the immunizations you avail of, the protection you give yourself from microbial infections or diseases
- (g) your understanding of oxidative stress (caused by smoking, excess drinking, drug addiction, not following a balanced diet, mental or emotional stress, apnoea) and inflammatory diseases

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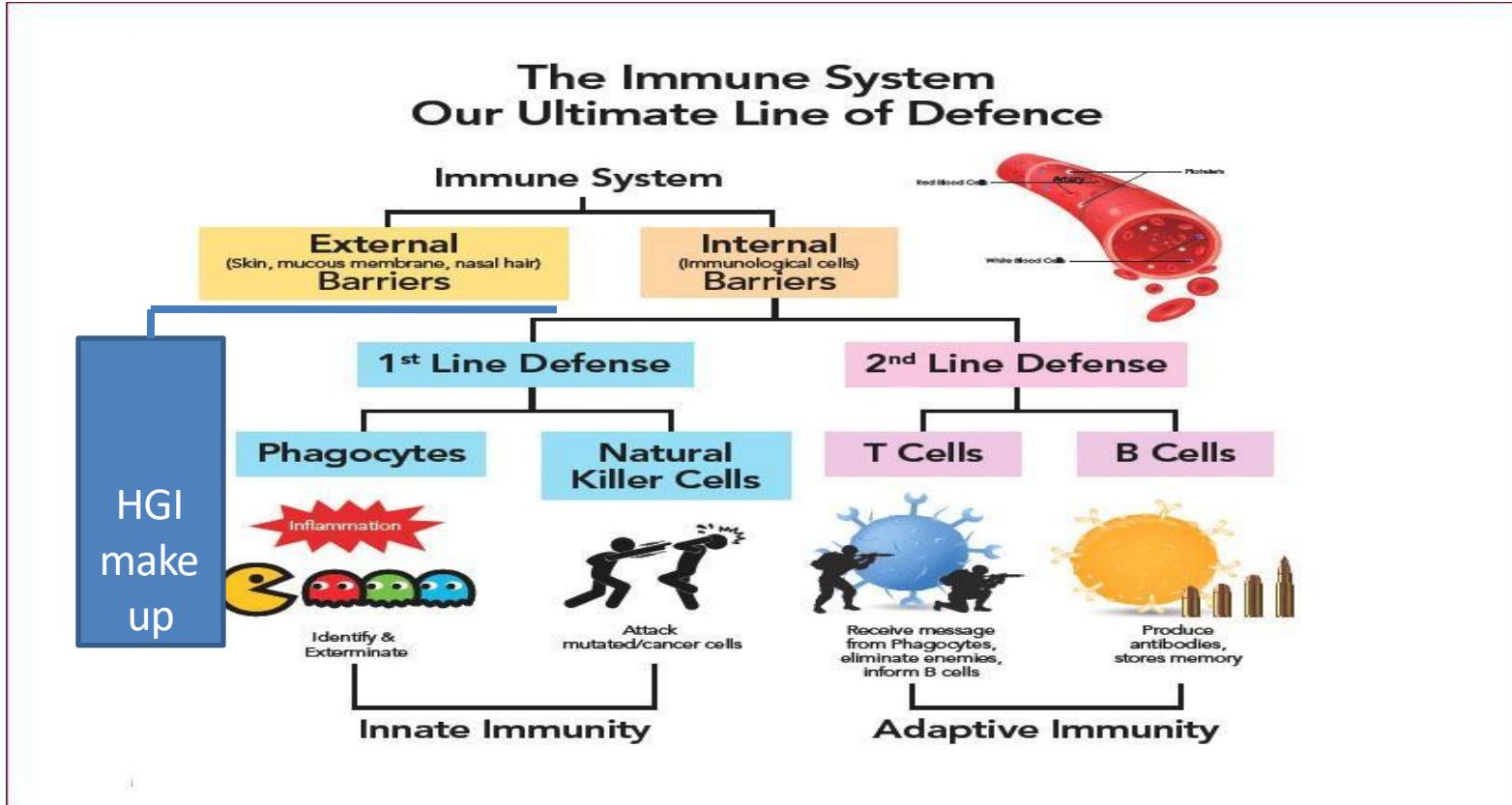
- (h) diagnostic tests you regularly avail of, the success in the line of treatment based on the diagnosis or specimen's culture sensitivity tests
- (i) the climate change in your city or region
- (j) the quality of the sewer systems, drainage systems in your city or region (keeping in mind that rains and mini floods cause contamination)
- (k) disaster, endemic, epidemic, infection incidence or prevalence in the associated RADIUS or catchment area, drug resistance incidence or prevalence in the associated RADIUS or catchment area
- (l) the mosquito or vector bred disease menace prevalent in your city or region
- (m) whether socially equitable and accountable healthcare is available
- (n) whether veritable & accountable druggists & chemists are available
- (o) the quality of water available to you
- (p) the quality of air or the presence of greenhouse gases, smoke, smog, toxins, particulate matter, pollen dust, dust mites in the air

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(q) your exposure to pesticides/insecticides, contaminants or hazardous chemicals

(r) your city's or region's slaughter houses or suppliers of meat

The booklet states that these terrarium markers can be managed via a P2PC (Plan to Prevent & Control) methodology in knowing your health



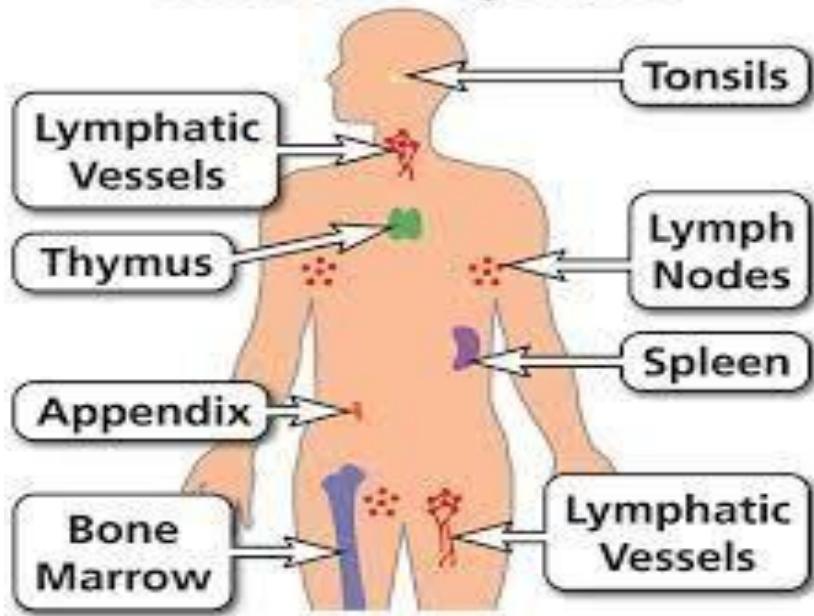
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WHO has developed the GLASS framework to monitor and control the problem of anti-microbial resistance (AMR). It has set a timeline and prioritization of AMR category for this. A baseline is available below.

Priority specimen	Priority pathogens	Sources of infection	Indicators via AST
Bloodstream infections	E-coli, K. pneumoniae A. baumannii S. aureus S. pneumoniae Salmonella spp	Community, Hospital, Animal or livestock Food or Agricultural products	Patients with intermediate and resistant results for Antibiotic susceptibility testing (AST)
Urinary tract infections	E-coli K. pneumoniae	Community, Hospital, Animal or livestock	Patients with intermediate and resistant results
Acute diarrhea	Salmonella spp Shigella spp	Community, Hospital, Animal or livestock Food or Agricultural products	Patients with intermediate and resistant results
Gonorrhea, Urethra, Cervix	N gonorrhoeae	Community, Hospital	Patients with intermediate and resistant results

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Immune System



Here P stands for Psycho which means mind
N stands for Neuro which means nervous system

I stands for Immunology which means a body's immune defenses

Details about the empty nest program are part of the consultant's P2PC methodology for healthier living

Energization of your anatomy

Design an empty nest program* to manage your PNI to influence immunity. It is an effort to work on conditioning the mind, so it controls the nervous system to respond by generating more white blood cells / immune cells that can attack invaders that affect the body's response to "stress, illness and every day medications" in different phases of activity and/or recovery.

Psychologists also recommend that people should involve themselves regularly in creative insights/ activity to ensure they have interests that are conformant with longevity and more for continued fulfillment.

Health of People



What you must know about drugs or medicines?

Is the drug spelt right in your latest prescription? Does the name include special symbols “like () or *a+”, lettered or numbered prefixes or suffixes?

Is there any mention about the **drug dispersion or drug release**? What is the drug’s generic name, as this can help you know and procure the right drug to prevent medication errors due to different medicines having a similar name or having names that sound the same or when labelling is improper?

What does the drug treat as per the prescription or consultation slip? Is the drug safe for you and your Consumer Group (Pregnant, Paediatric, Geriatric or Others)? Has the drug cured you “satisfactorily” earlier? Do you know of the drug’s possible side effects? Do you know about Drug Adverse Events & steps to taken? Has the method of administration (orally, sublingual, rectal, IM, SC, IV or topical) been indicated correctly?

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Is the drug being bought in the right dosage & condition? , how to and for how long you need to consume the drug? Have you been advised on how wrong consumption or casual disposal of medicines can affect you, or your family, or close in proximity social circles & even the environment?

To know more, review points such as: Is the drug on the Core Essential Medicines List? Is the drug on the Complementary Essential Medicines List indicating it needs specialized healthcare facilities or training? Is the drug an approved drug? Is the drug being prescribed as a repurposed product? Is the drug part of old or dead stock? Is the drug available in a newer or alternate formulation as a medicine?

Do you have safe dispensing mechanisms to take your medications according to priority, dosage, timing or frequency (even if you suffer from failing eyesight, or cannot read)? Do you get your bag of medicines reviewed every time you consult your doctor or medical practitioner? Do you know of how to return or dispose of the drug when it is not needed?

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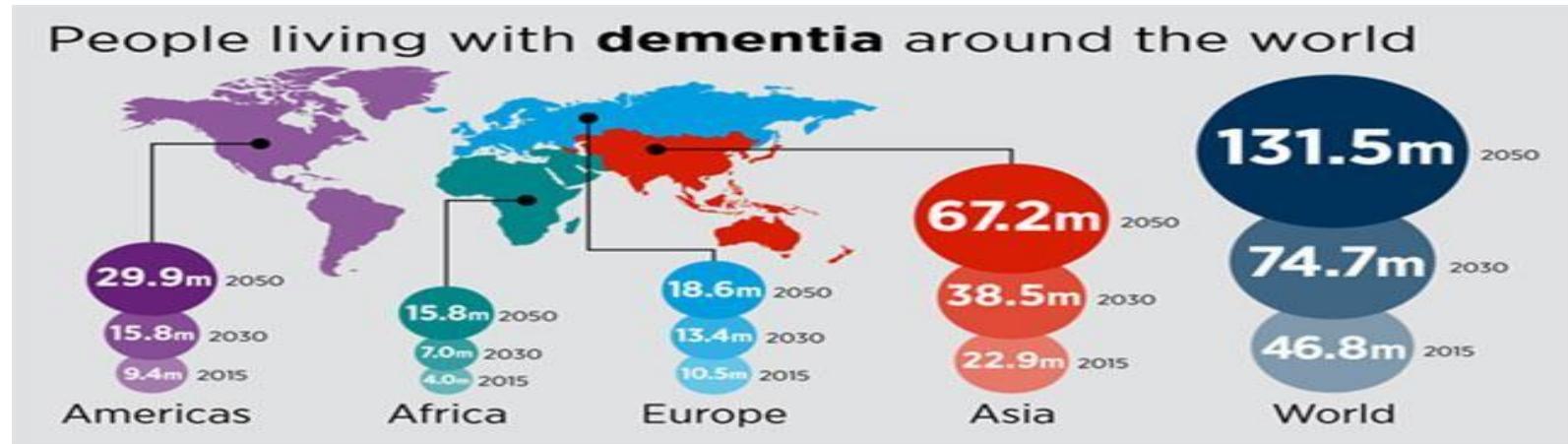
Dementia, life impacting absent mindedness, and symptoms

Out of best current knowledge, the following list of symptoms (need to be questioned) for signs of life-impacting absent mindedness.

1. Low self-esteem or unexplainable loss of interest to remember
2. Unexplained apathy or anxiety
3. Lack of enthusiasm / feeling continued despair
4. Disorientation, noticeable unsteady gait, speech difficulties, slowing down of thought
5. Increases in plasma cortisol, marker of hypothalamic pituitary adrenal (HPA) activity (a complex theory by itself)
6. Sedentary lifestyle with no feedback system for assessing mental alertness (details follow)
7. Obsessive or repetitive behaviour, such as compulsively shaving or collecting same items
8. Prolonged lack of judgment for socially acceptable behavior Or personally being disconnected from the near environment



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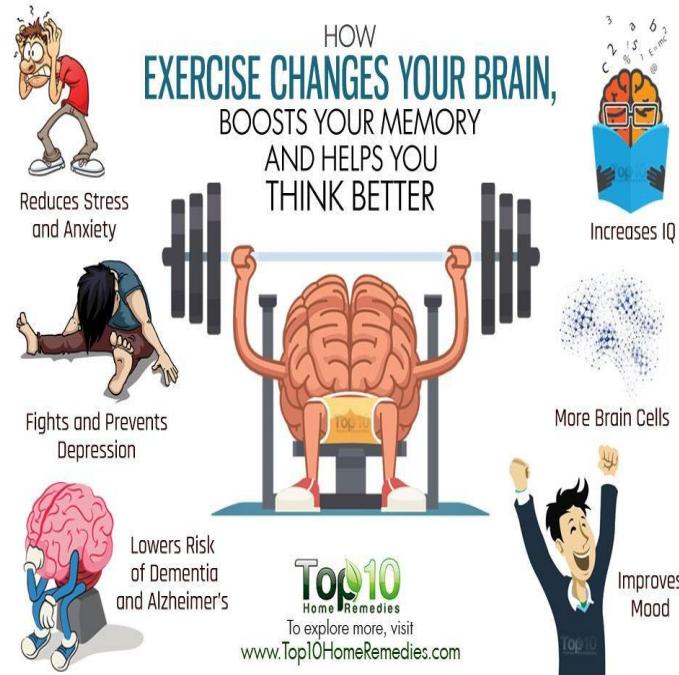


1. Medication or treatment options

Medication to boost levels of the chemical messenger involved in memory and judgment

2. Reduce risk via a healthy lifestyle and exercise

Details follow on the next page



Health of People

Dementia, life impacting absent mindedness, and symptoms

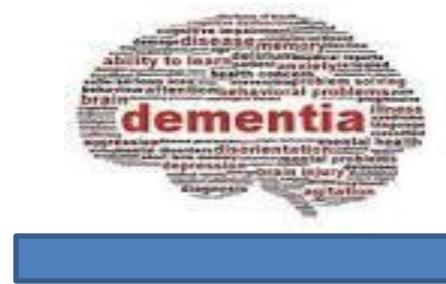
When sometimes people have hereditary influences, live on their own or are already afflicted with different stages or different forms of dementia , it may be important to design guidance and assessment tools to help know the deterioration

Check Visual/ Spatial skills

1. Do occasional map reading
2. Picture what you see and sketch the same without looking at it when you sketch

Check Verbal skills

1. Collect what you miss at times in conversation
2. Express your thoughts about something known choose uncommon words



Check mathematical skills

1. Calculate differences between big numbers where there are common digits / reversals in numbers
2. Multiply 2 big numbers so you can see if you are alert or to check If you are slowing down

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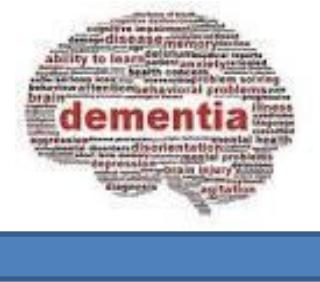
Dementia, life impacting absent mindedness, and symptoms

Check bodily skills

1. Catch a ball with one hand to check your coordination
2. Check pulse rate or blood pressure before and after exercises, as some mental diseases accelerate the pulse rate or increase the blood pressure abnormally
3. Develop PNI acceleration to responsively beat stress and illnesses

Here, P stands for Psycho which means mind, N stands for Neuro which means nervous system, I stands for Immunology which means a body's immune defenses

The process of designing a program to manage your PNI is an effort to influence immunity. It is an effort to work on conditioning the mind, so it controls the nervous system to respond by generating more white blood cells / immune cells that can attack invaders that affect the body's response to "stress, illness and every day medications" in different phases of activity and/or recovery

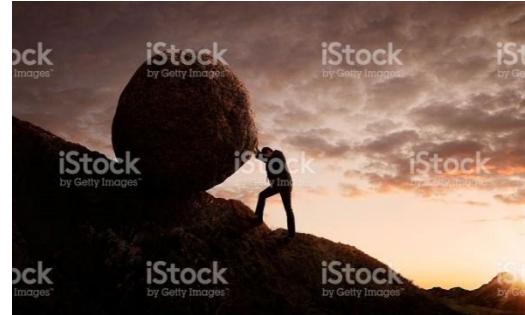


Health of People

Stress, mental health problems and symptoms

Out of best current knowledge, the following list of symptoms (need to be questioned) for signs of stress or ailing mental health.

1. Low self-esteem
2. Unexplained anxiety or obsession
3. Feeling continued despair about loss in business, performance at work or in academics
4. Concern about family and other relationships
5. Feeling victimized, frustrated, unhappy mostly
6. Disorientation, sleeplessness
7. Believing in improbable things
8. Restlessness and/or nervousness
9. Prolonged irritability with severe bouts of anger



Health of People

Stress, mental health problems and symptoms

Out of best current knowledge, the following list of symptoms (need to be questioned) for signs of stress or ailing mental health.

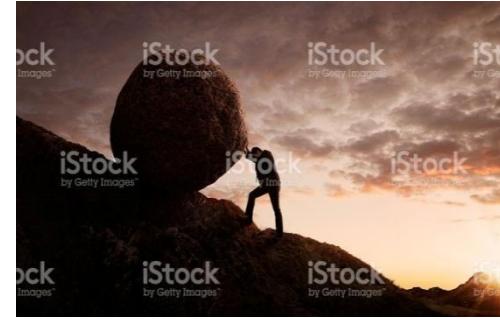
10. Feelings of being rejected (or not being accepted) in the family, amongst peers and amidst associated social circles
11. Lack of any future direction or goal setting
12. Self-destructive behavior and/or addictions
13. Antisocial behavior
14. Speaking or thinking of suicide and ending life



Health of People

Positive Attitudes in today's stressful world

Today all over the world mental health is being recognized as the well-being of the intellectual and emotional parts of the mind. One important part of our minds is positive attitude, where this trait is self-developed.



Positive attitude can help each of us do the following:

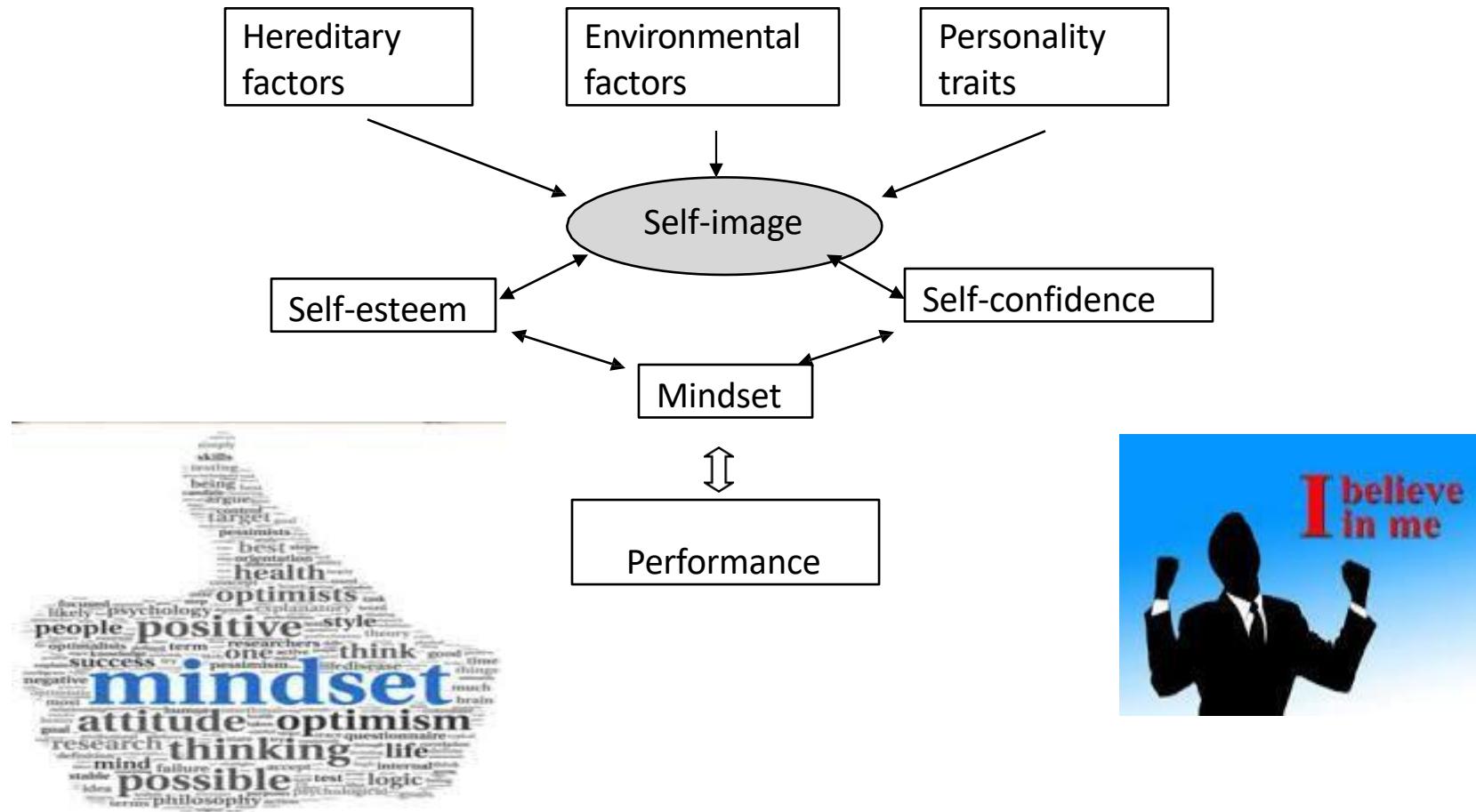
1. Deal with stress (like for example “examinations” in the life of students, “achieving promotions” in the life of a person at work)
2. Cope up with concerning situations
3. Improve our thinking and problem-solving ability
4. Boost our self-esteem and self-confidence (which together form our “self-image”)
5. Achieve our inner potential



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What determines our self-image and mindset?



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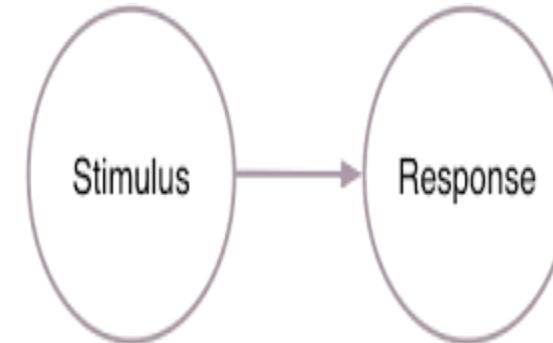
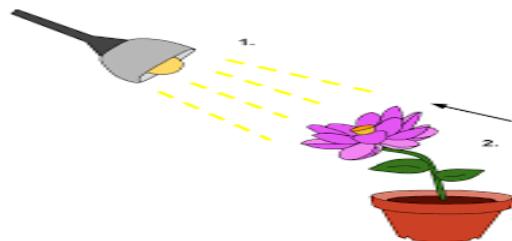


How does a positive mindset or attitude help?

To explain this we look at two scenarios

Scenario 1 (Reactive response)

Stimulus → Response



What can trigger
the impressions

Desired associations
about something

Scenario 2 (Conditioned response)

Stimulus → Positive Mindset + Choice → Response

In scenario 1, a person simply responds to external stimulus. This is simply reactive and need not produce the best of results.

In scenario 2, a person conditions his or her mind to think positively (in multiple ways) and then uses best choice to respond to any situation. This approach gives a person more control over the results that follow.

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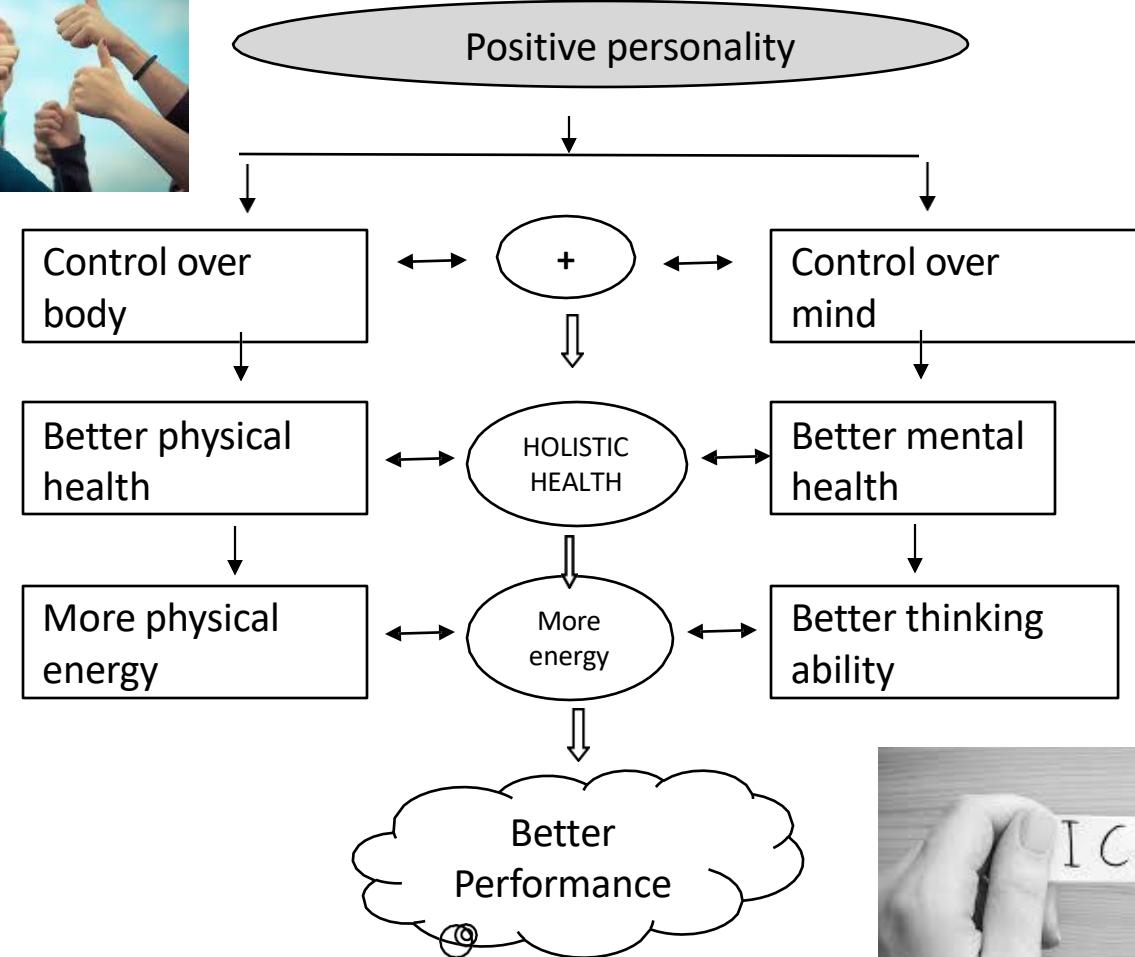
What is the importance of a positive mindset or attitude?

1. A positive attitude helps us remain in better control of difficult situations
2. It helps us rethink our thoughts and focus on problem solving. It prevents us from being extremely affected by a negative situation.
3. A positive attitude is an important part of personality development which in turn helps us achieve more success in our personal and professional lives.
4. A positive attitude helps us make more friends and improves our rapport with people.



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How does personality influence us?



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How can a person improve his or her mindset or attitude?



1. Make a list of strengths and weaknesses
2. Make a list of achievements that improved your energy levels
3. Look at all failures from an objective point of view (practice the SOAR technique to do this)
4. Set yourself goals that are short term, long term, life based, interests based)
5. Believe in yourself (it is important to mention one organization called “Mouth and Foot Painting Artists Association, Mumbai” where differently able children and adults use only their mouth and foot to draw and paint art that is marketed. This is an example of how willpower and commitment can help one succeed).

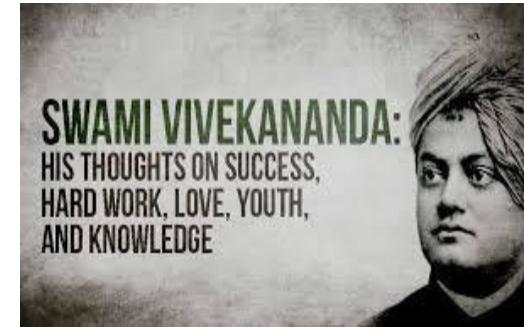


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The SOAR technique

- 1. S – Stop thinking** negative thoughts but sit in silence to re-energize your self. Get inspired.
- 2. O – Observe** what your feelings are doing to your mind and body
- 3. A – Accept** whatever has happened or is happening in an objective sense (focus on what to do next)
- 4. R – Relax** and let go of your strong concern for the problem. Become more objective and results oriented.

Practising this technique will help raise your energy levels to rethink strategy and thereon act better.



Health of People

Drug addiction and symptoms

Out of best current knowledge, the following list of symptoms (need to be monitored) for signs of drug addiction.

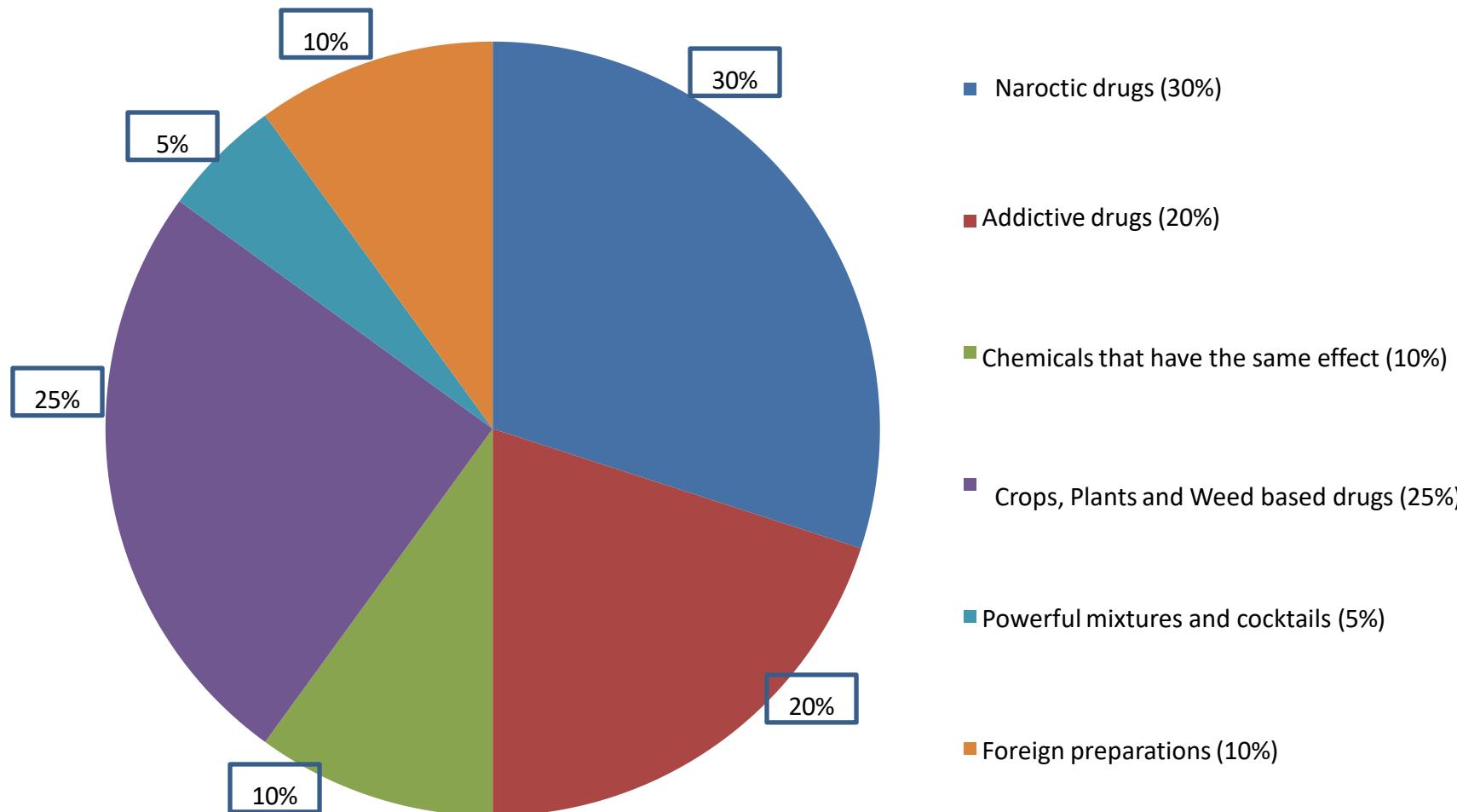
1. Weight loss (sudden and unpredicted)
2. Physical appearance changes (unforeseen)
3. Shies away from direct one to one conversations
4. Reduced inter-activeness (unexplained)
5. Emotional outbursts or mood swings
6. Needle or injection marks (unconfined or unexplained)
7. Pocket money related trends (asks for money or seen having more money)
8. Has unknown contacts on mobile (not known earlier or not accounted for)



Health of People

Drug addiction and symptoms (continued)

Drugs being abused today (sample)



Health of People

Victim of abuse and symptoms

Out of best current knowledge, the following list of symptoms (need to be questioned empathically) for signs of abuse.

1. Physical appearance changes (unforeseen premature or post puberty changes)
2. Weight gain (sudden or unpredicted around the navel area for girl students)
3. Shies away from direct one to one conversations (about premature or unforeseen changes in menstrual cycle for girl students)
4. Cuts, bruises or injury marks (unexplained in private or near private areas)
5. Reduced inter-activeness (unexplained)
6. Fear, emotional outbursts or mood swings
7. Visits to the toilet frequent (seems upset or concerned)
8. Talks about whether the mobile can be misused to disclose one's pictures or photos (not known earlier or not accounted for)

Health of People

Victim of abuse and symptoms

Maltreatment Type	Symptoms
Neglect	<ul style="list-style-type: none">• Signs of malnutrition• Poor hygiene• Unattended physical or medical problems
Physical abuse	<ul style="list-style-type: none">• Unexplained bruises, burns, or welts• Child appears frightened of a parent or caregiver
Sexual abuse	<ul style="list-style-type: none">• Pain, bleeding, redness, or swelling in anal or genital area• Age-inappropriate sexual play with toys, self, or others• Age-inappropriate knowledge of sex
Emotional abuse	<ul style="list-style-type: none">• Extremes in behavior, ranging from overly aggressive to overly passive• Delayed physical, emotional, or intellectual development

Health of People

Victim of abuse and symptoms

Signs of Elder Abuse

Physical:

- Bruises or grip marks
- Repeated unexplained injuries
- Dismissive attitude about injuries

Neglect:

- Lack of food and water
- Lack of basic hygiene
- Sunken eyes or loss of weight

Psychological:

- Uncommunicative and unresponsive
- Unreasonably fearful or suspicious
- Lack of interest in social contact
- Unexplained changes in behavior

Financial:

- Life circumstances don't match what is known about the person's financial assets
- Large withdrawals from bank accounts
- Signature on checks doesn't match the older person's signature

Health of People

To help secure the life and well-being of people you care for

It is important that you have this information handy.

1. Name, sex, age, blood group (though it is recommended that the same be ascertained prior to any medical procedure or intervention)
2. Blood pressure, blood sugar levels (whether normal, low, high)
- 3.a Any other life changing condition
3. Any anti-microbial resistance incidences
- 4.c Organ donor (details)
4. Address
5. Emergency contact numbers
- 6.a Medical history (in brief)
- 6.b Last major complaint (in brief)
7. Whether on prescription medicines
8. Whether under treatment
9. Any adverse drug reactions



Health of People

To help secure the life and well-being of people you care for (continued)

10. Dial-in numbers for

- (a) A family doctor or physician
- (b) A preferred hospital or nursing home
- (c) Medical history related hospital, nursing home, medical practitioner
- (d) Preferred First-aid or emergency services

Please ask for the Secure Your Life Card to help take this initiative further.

Disclaimer: As the role of social etiquette and consumer behavior determine the response to incidences affecting an individual, the information available in the Secure Your Life Card can only universally reduce risk and facilitate decision making. To facilitate more adaptability, it can also include a URL that will in future be provided by healthcare providers, diagnostic centres or medical practitioners for what is termed as anytime look up of patient history information with the help of an emergency code.

Designed by:

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Name of Healthcare (Claim) Policy:



Secure Your Life (Companion Card)

Card No:

Name:

(Mobile Pattern)

Sex: **Age:**

Blood Group:

PHOTOGRAPH

Blood pressure (level): High/Normal/Low

Blood sugar (level): High/Normal/Low

Life changing condition (if relevant):

Sample only

Anti-microbial resistance incidences (if relevant):

Organ donor (details):

Linked AADHAAR No:

Linked with Healthcare (Claim)

Policy No:

Card valid from:

Card valid till:



Name:

Card no:

Sample only

Whom to contact and important details in case of an emergency

Telephone numbers:

Names of family doctor or physician and contact numbers:

Names of preferred hospital or nursing home and contact numbers:

Medical history:  If [Y], URL for lookup:

Last major complaint:  If [Y], URL for lookup:

Preferred First-aid or Emergency services (medication, medical equipment registration for emergency admission & need for treatment details, whom to contact numbers):

Whether on prescription medicines? Yes/No

Any adverse drug reactions:

Whether under treatment? Yes/No

If found please return to:

 If [Y] or  image present means that this information is part of a database



Key considerations for First-aid (A Road Safety Edition)



Effectiveness in situations and road side emergencies

This handbook-section can help a commuter, road system user or interested do-gooder, assess and facilitate first aid to the injured or adversely impacted during accidents, situations and road side emergencies



- Disasters/emergencies
- Standards and Practices
- Readiness/Mitigation

The consultant K.S.Venkatram has a B.E. in Computer Engineering, and also holds MCP, MCAD and MCSD certifications. He has 20 years of experience in IT Service Management, manufacturing, healthcare etc

Key considerations

What is First-Aid?

Measures to be taken immediately after an accident not with the idea to cure, or to replace services offered by the medical community but to prevent further harm from happening.

Main objectives of First-Aid

- (1) Protect and preserve life
- (2) Prevent afflicted person's condition from worsening
- (3) Promote well-being and recovery

Goals of First-Aid

- (1) The immediate priority being to restore and maintain the vital functions of the injured person via certain steps for basic life support
 - (a) Ensuring the AIRWAY is open so that the injured person's body gets a proper supply of oxygen

Key considerations

- (b) Enabling and ensuring BREATHING so that oxygen passes through lungs into the blood stream
- (c) Helping and ensuring CIRCULATION where there must be circulation of blood to all parts of the body, so that there is sufficient supply of blood and oxygen

Simple 5 step Action Plan

It is necessary to check if the injured has any life-threatening conditions, where the plan of action includes the following steps:

- (a) Check for further DANGER at location or spot, if so, then move the injured person away carefully
- (b) Check for RESPONSE, shake gently, if conscious check for injuries
- (c) Check AIRWAYS to see if they are blocked, clear any loose material in mouth
- (d) Check for BREATHING by looking for chest rise and fall, or by listening to breathing sounds, or by feeling breath on cheeks or hand.

Key considerations

If there is no breathing, roll injured person on back with face upwards. Tilt head. Loosen and separate jaws to open airway. Give mouth to mouth resuscitation.

If there is breathing, place injured person in stable position (sometimes a stable side position is preferred) and check for injuries.

(e) Check CIRCULATION, feel pulse in groove beside Adam's apple.

If there is a pulse, if needed perform mouth to mouth breathing

For children: 20 breaths per minute by puffing and blowing gently

For adults: 12 to 15 breaths per minute by blowing fully

If there is no pulse, perform Cardio Pulmonary Resuscitation (CPR). As this needs skill and training, ensure one who is trained does this.

Key considerations

(A) Fainting or losing consciousness

Loss of consciousness in times of disasters has many causes associated with it i.e.

- (1) Trauma caused by severe distress
- (2) Fainting on account of fatigue or lack of oxygen
- (3) Head injury, spinal cord injury

First-Aid (Do's)

1. Under circumstances, prevent person from falling
2. Lay the person on back facing upwards
3. Tilt head back
4. Keep arms at right angles to body
5. Raise legs 8-12 inches to promote blood flow to brain
6. Pinch the person gently to check for response
7. Examine body for injuries
8. Keep a record of condition of person to help medical assistance

Key considerations

(A) (Continued) Fainting or losing consciousness

First-Aid (Do not's)

1. Do not crowd around the injured person
2. Do not allow the person to get up and move around immediately on regaining consciousness
3. Do not give water or juice to the person as soon as he or she regains consciousness

(B) Bleeding from cuts, wounds or punctures

First-Aid (Do's)

1. Wear gloves (if possible) while attending to the injured person
2. Try to stop bleeding by elevating injured part or by applying pressure. Handle with care if fracture is suspected
3. Bandage the injured area to stop bleeding and to prevent infection of wound
4. Give a tetanus injection if required
5. If the injured person loses consciousness, apply **5 step Action Plan**

Key considerations

(C) Burns

First-Aid (Do's)

1. Wrap with blankets or non-inflammable material to put off fire
2. Wear gloves (if possible) while attending to the injured person
3. Cool the burn – immediately apply cloth soaked in cool water for at least 5 minutes till pain subsides
4. Cover the burn – cover the burnt area with dry sterile gauge bandage but do not use cotton or any other fluffy material
5. Give an over-the-counter pain reliever
6. Take off clothes or jewelry covering burn area before swelling or blisters appear

First-Aid (Do not's)

1. Do not remove cloth stuck to burn area
2. Do not wash burn area under extreme water pressure
3. Do not apply oil or ice on affected area
4. Do not attempt to puncture or break blisters

Key considerations

(D) Electrocution

First-Aid (Do's)

1. Cut off the power supply
2. Move the person away from source or spot using a non-conductive material
3. Check for breathing, carry out **5 step Action Plan** or **CPR** as needed
4. Cover the affected area with a clean dressing
5. Arrange for further medical assistance as needed

First-Aid (Do not's)

1. Do not touch or attempt to move person without shutting off power supply
2. Do not move person away from spot without making arrangements for non-conductive material to help do this
3. While attending to person do not touch any non-insulated wire

Key considerations

(E) Fractures

Symptoms

1. Check for pain at or near site of injury (which increases with movement)
2. Check gently if movement is possible (if there is a fracture, movement will be difficult, not possible or painful)
3. Check for swelling around injured part, where later there may be bruising or discoloration
4. Check for deformity at site of fracture
5. Check if injured person is in a state of shock

First-Aid (Do's)

1. If there is bleeding, control bleeding before immobilizing site of fracture
2. Immobilize site of fracture
3. Check if injured person is in a state of shock
4. Revive the injured person using 5 step Action Plan
5. Place ice-pack on affected area to reduce pain and swelling
6. Provide proper padding to affected area before shifting to hospital etc

Key considerations

(E) (Continued) Fractures

First-Aid (Do not's)

1. Do not move the injured person without support
2. Do not ask injured person to move independently
3. Do not move joints above or below the site of fracture
4. Do not massage the affected area
5. Do not force bones back into the wound

Remember the principles of RICE

1. REST- Give rest to injured person and injured part
2. ICE- Apply ice on injured part
3. COMPRESS - Wrap the injured area with crepe bandage
4. ELEVATE - Elevate injured area above level of heart

Key considerations

(F) Poisoning

Types of poisoning

- (1) Ingested poisons (orally)
- (2) Inhaled poisons (through lungs by inhaling industrial gases, flames from fire, chemical vapors etc)
- (3) Absorbed poisons (through skin via contact with poisonous sprays)

Signs and symptoms

1. Bluish lips
2. Difficulty in breathing, chest pain
3. Cough
4. Abdominal pain, loose motions
5. Dizziness
6. Double vision
7. Confusion
8. Fever

Key considerations

(F) (Continued) Poisoning

First-Aid (Do's)

1. Check airway, breathing and circulation, proceed with 5-step Action Plan
2. Check for foreign matter in mouth, if found remove immediately
3. Prevent injured person from entering a state of shock
4. Dilute poison by giving milk or water
5. Observer color and amount of vomit
6. Monitor vital signs
7. Arrange for immediate medical assistance

First-Aid (Do not's)

1. Do not induce vomiting unless type of poisoning known
2. Do not panic

Key considerations

First-Aid Kit

(A) Medicinal items

1. Antiseptics, disinfectants
2. Antihistamine cream
3. Tube of petroleum jelly
4. Analgesics, Pain relievers
5. Paracetamol
6. Antacid
7. Life saving drugs, Oral Rehydration solution (ORS) packets
8. Anti-diarrhoea medication

(B) Bandages

1. Sterile dressing, cotton wool, adhesives,
2. Triangular bandages, band-aids
3. Crepe bandages
4. Make-shift stretchers, crutches, splints

Key considerations

(Continued) First-Aid Kit

(C) Other items

1. Thermometer
2. Sterilized gloves, Latex gloves
3. Towels, napkins
4. Assorted sizes of safety pins
5. Tweezers, needles, syringes, trays
6. Anti-germicidal soaps, cleansing soaps
7. Scissors
8. Torches
9. Disposable bags, garbage bags

Further Secure Health of People

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