***Supply Chain Management: (Green)***

 ***Sustainability***

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| ***Sustainable Development****Meeting the needs of the present* *without compromising the ability of future generations* *to meet their needs.**From Our Common Future, Brundtland Report, Report of the World Commission on Environment and Development, United Nations, 1987.* |

***Triple Bottom Line & Corporate Social Responsibility***

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| *Business Sustainable Development*. [ Triple Bottom Line, TBL ] 1. Profit. Economic Sustainability. 2. Planet. Environmental Sustainability. 3. People. Sociopolitical Sustainability. | *Corporate Social Responsibility (CSR)*. [ Triple Bottom Line, TBL ] 1. Profit. Responsible Economic Growth. 2. Planet. Responsible Environmental Impact. 3. People. Responsible Sociopolitical Involvement. |

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|  | ***Sustainability Terms*** |
| Economic | Lean🡪Production efficiencyEnergy🡪Renewable |
| Environmental | Green🡪Environmental concernsMaterial🡪Biodegradable |
| Sociopolitical | Social🡪Workplace conditionsPolitical🡪Regulations |

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| ***Supply Chain Sustainability*** |
| UpstreamSuppliers | ↔ | BusinessUnit | ↔ | DownstreamCustomers |
| TBL & CSR |  | TBL & CSR |  | TBL & CSR |

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| ***Sustainable Strategy*** | ***Sustainable Development*** | ***Sustainable Planning*** |
| Commit to a long-term vision. | Establish goals. | Implement metrics. |
| Standards🡪Voluntary/Mandatory,Regulations🡪Domestic/International | Sustainability Index🡪BenchmarksSustainability Scorecard🡪Improvement | CSF: Critical Success FactorsKPI: Key Performance IndicatorsCarbon Footprint |

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| **Sustainability***The design, implementation, control, and improvement of human practices that balance the economic growth, environmental protection, and societal harmony of the global community and that will be accepted and advanced by future generations with a view to improve the balance.* |

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| **►Supply Chain Sustainable Strategy****►Supply Chain Sustainable Development****►Supply Chain Sustainable Planning** |

***Supply Chain Sustainable Strategy***

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| .***Supply Chain Strategy***

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| Level I |  | Level II |  | Level III |
| CostServiceQuality | Governance | GrowthEfficiencyCulture | Leverage | StrategyAlliancesSustainability |
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| .***Supply Chain Sustainable Strategy***

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| Level I |  | Level II |  | Level III |
| Achievement |  | Standardization |  | Innovation |
| CostCarbon FootprintEmployee Programs | Governance | IntegrationRelationshipsCulture | Leverage | ProgramsRegulationsLegislation |
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***Supply Chain Sustainable Development***

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| Triple-Bottom Line | Initiatives | Objectives | Issues |
| Economic | 1.Procurement2.Efficiency3.Reuse/Recycle | Long-term  growth | 1.Innovation and R&D2.Market expansion3.Resiliency |
| Environmental | 1.Land,Water,Air2.Natural Resources3.Biomimicry | Controlled exploitation | 1.Resources2.Consumption3.Waste |
| Sociopolitical | 1.Poverty2.Health3.Education | Holistic  efficiency | 1.Individual2.Community3.Society |

**Supply Chain Sustainable Planning**

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| Short-term planning(Fixes) | 🡪 | Long-term planning(Transformations) |
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|  |  | Strategy & Planning |  |  |
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|  | Internal(Operations) |  |  | External(Supply Chain) |  |
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|  | *>Branding**>Compliance* |  | Economic |  | *>Measure**>Manage* |  |
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|  | Sociopolitical |  |  | Environmental |  |
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| Supplier | 🡪 | Manufacturer | 🡪 | Distributor | 🡪 | Retailer | 🡪 | Customer |

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|  | Short-term |  |  |  |  | Long-term |  |
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|  |  |  |  | Internal |  |  |  |  |
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