



Salveti Foundation



**SUSTAINABLE
DEVELOPMENT
GOALS**



Maintenance excellence supports Global sustainability goals





The maintenance industry's commitment to the UN Sustainable Development





Examples of UN Sustainable Development Goals

- 1.-SDG7: "Guarantee access to affordable, safe, sustainable and modern energy for all".

Among the contributions that this maintenance would have for this objective, is to minimize energy consumption.

- 2.-SDG9: "Build resilient infrastructures, promote inclusive and sustainable industrialization and foster innovation."

The contribution of this maintenance would be in addition to minimizing energy consumption, less waste and lengthening the useful life of physical assets.

- 3.-SDG12: "Guarantee sustainable consumption and production patterns".

Greater data reliability would be the contribution of this maintenance, in addition to less energy consumption and less waste.

4.-SDG17: " Partnerships for the goals.

Its essential that authorities , asset owners ,equipment suppliers, design contractors and service providers share there knowledge in the same way the industry is working together as in all HSE related matters.



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Topics to be addressed.

0) Asset Life time extension.

Predictive maintenance – Workforce culture - Circularity

1) Energy efficiency optimization.

Combustion systems – Heat exchangers – Steam heating systems. Etc.

2) Improving environmental parameters.

Permit requirements goals - Reduction of water use – Effluent systems

3) Supporting Bio diversity.

Relationship with external partners – Supporting society -



Ad 1) Energy efficiency optimization.

Combustion systems – Heat exchangers – Steam heating systems. Etc.

a) Combustion system; Optimum energy efficiency and reduction of air pollution. (Burner efficiency , Low O₂ in exhaust gases , heat transfer optimization, reducing dust and toxic components.

b) Heat exchangers. Optimize tube cleaning interval & cleaning , reduce cooling medium flow , monitor water cooling effluent temp effects. (Biological impact) etc.

Ad 2) Improving environmental parameters.

Permit requirements goals - Reduction of water use – Effluent systems.

Improve environmental permit targets – water containment and circularity - Separate polluted systems from rain and clean process water – prevent soil pollution by better civil maintenance etc.



Ad 3) Supporting Bio diversity.

Relationship with external partners – Supporting society -

Statement; Improving global and companies sustainable goals are not possible without interaction between government and external stakeholders. Therefore management and staff should interact with organizations with knowledge of Bio diversity and all related matters with impact on the environment.

An environmental and social impact assessment is an instrument for a responsible company to inventories ,validate and improve its footprint.

Maintaining assets is also maintaining the conservation of natural systems with an intelligent long term strategic vision.



Circularity
is a way to achieve
**sustainable
consumption
and production**
and other interlinked
SDG goals

