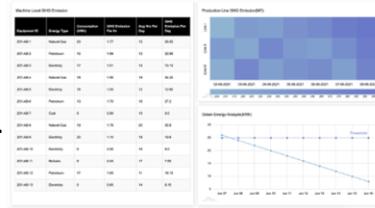


Wipro Enterprise Sustainability Performance Reporting (ESPR)

Problem we are Solving :

- ✓ As enterprises race towards the challenge of addressing sustainability norms in terms of Net Zero emissions, it is imperative, that many of them have an Enterprise Sustainability Performance Reporting program in place. The challenge has been in terms of the efficacy of those program primarily because of the manual nature of it.
- ✓ Without any correlation to the Enterprise Goals and having an integrity driven accounting.
- ✓ Very often it is after-thought without accountability and change management in place.

GHG Emission- Manufacturing



Scope I: Direct GHG emissions by production equipment and assembly lines.

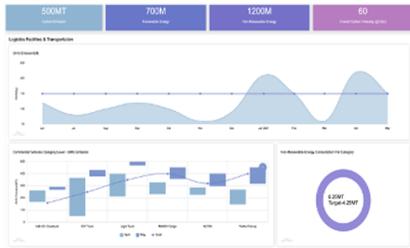


Scope II : Indirect emissions from the power utility companies supplying the different energy forms.



Scope III: All other indirect ways of emissions includes employee travel, procurement and recycling process.

GHG Emission- Logistics



Scope I: Direct greenhouse gas emissions by Logistic company



Scope II : Indirect emissions from the generation of purchased electricity, steam, heating and cooling.



Scope III: Includes all other indirect emissions that occur in a company's value chain



Forecasting: Tracking the individual health of all the machines and their GHG emission through AIOps

Value Proposition

- ✓ **Enterprise Sustainability Performance Reporting (ESPR)** is an extremely important concept, which needs a closed loop performance management approach, with clear linkage to Corporate's Sustainability Goals and accounting of people, processes & department to ensure Operations are done within an integrity limit, driven by design consideration, safety principles and economic optimization.
- ✓ Wipro' ESPR solution will help Enterprises address those concerns and effectively meet the sustainability norms. The ESPR solution is not only a window for adherence to the Sustainability norms, but it also provides an overview of what are the contributing factors and hence the process out of limits. Thus, it is also an integral tool for a continuous improvement culture of Enterprise.

Solution & Benefits

- ✓ Hierarchical linkage of Sustainability Goals and indicators across the Enterprise
- ✓ Complete automated infrastructure to collect, monitor and analyse information
- ✓ Extension to incorporate cognitive modelling to predict impending integrity violations and thereby taking proactive actions.
- ✓ Role based stakeholder mapping to drive the cause of change management
- ✓ Ability to create Reporting templates as per federal regulations applicable in your territory of operations

Functional View ESPR

ESPR for an Enterprise – governed by Federal Regulations

Level1

Americas

Europe

APMEA

US Canada Mexico, Brazil

UK EU

UAE India China Australia, NZ

Design/Engineering

Operations & Maintenance

Outbound

Level2

Supplier Validation

inbound logistics

Raw Material check

Finished Goods Quality Check

Packing & Sorting

Reverse Logistics

Level3

PLM

Real Time Monitoring

Analytics

Predictive Analytics

Real Time Closed Loop Feedback

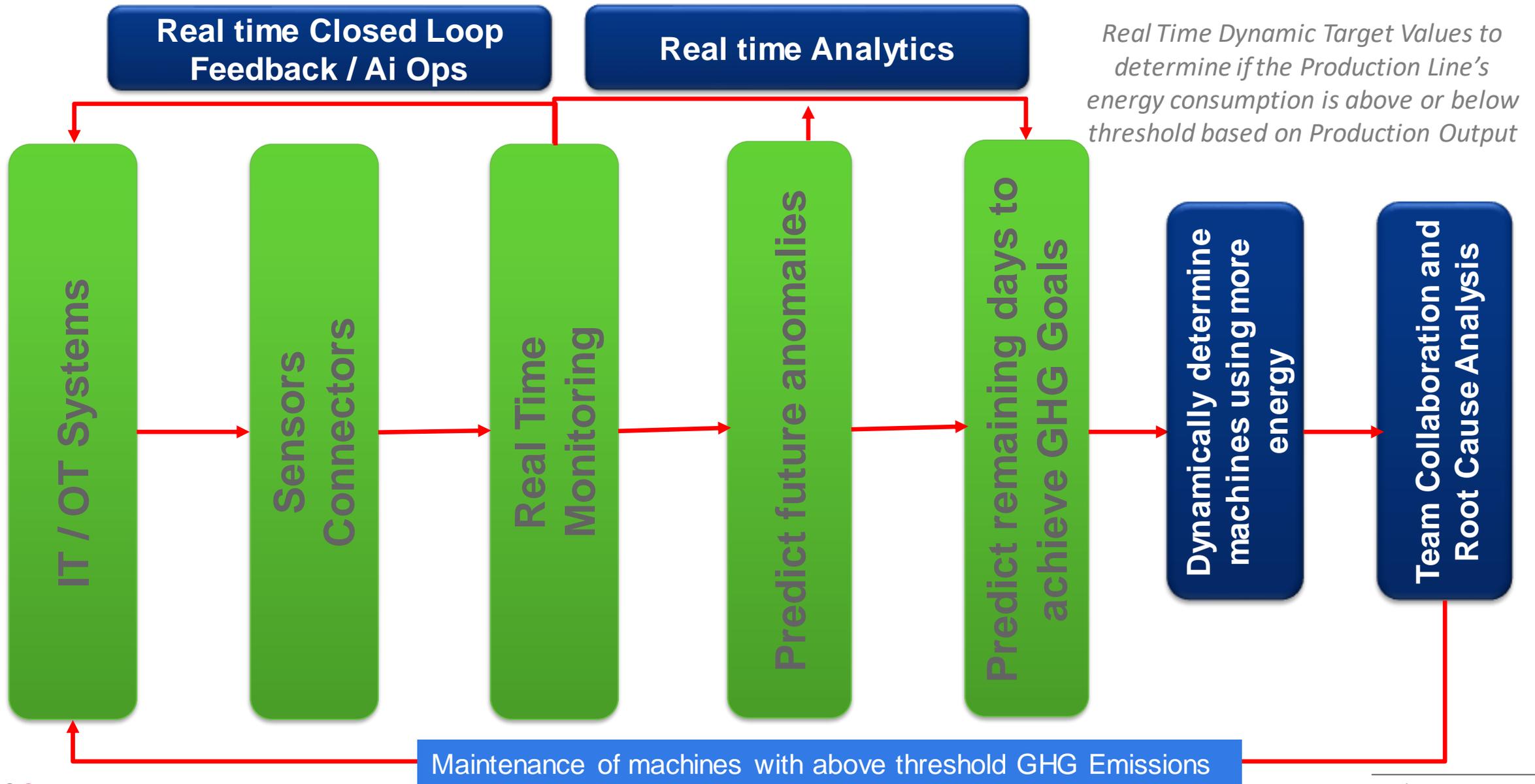
Calculate the GHG Emissions for each operation in Level 3

Report as per Federal Regulations

Level4



Functional Platform ESPR



Architecture Azure Platform

