

Asset Portfolio Optimisation

	2023	2027	2030	
ISO 55000 standard for Asset Management	0	0	0	
Asset Portfolio Management auxiliary systems	Pilote	Partiellement	Entièrement	
Artificial Intelligence for Asset Portfolio Optimisation	0	Pilote	Partiellement	
Training employees for Asset Portfolio Optimisation	0	Pilote	Partiellement	
Asset Portfolio Optimisation Process	Pilote	Partiellement	Entièrement	
Other 1	0	0	0	
Other 2	0	0	0	
Plant Electrification	0%	0%	0%	Energy
	0%	0%	0%	GHG
Electric pumps	0	0	0	
Electric compressors	Entièrement	Entièrement	Entièrement	
Electric fans				
Electric heating elements	Partiellement	Partiellement	Entièrement	
Electric vehicles and forklifts	Pilote	Partiellement	Entièrement	
Other 1	0	0	0	
Other 2	0	0	0	
Other 3	0	0	0	
Sustainable Asset Replacement	20%	5%	10%	Energy
	0%	0%	0%	GHG
LED lighting:	Partiellement	Entièrement	Entièrement	
Smart and adaptive lighting:	Partiellement	Partiellement	Entièrement	
High-efficiency HVAC:	Partiellement	Partiellement	Entièrement	
High-efficiency motors and drives:	Entièrement	Entièrement	Entièrement	
Life extension, refurbishment and overhaul:	Entièrement	Entièrement	Entièrement	
Circularity:	Partiellement	Entièrement	Entièrement	
Other 1	Partiellement	Entièrement	0	
Other 2	0	0	0	
Other 3	0	0	0	
Production Process Reengineering	20%	5%	15%	Energy
	0%	0%	0%	GHG
Process optimisation and redesign	Partiellement	Entièrement	Entièrement	
Product conversion	Partiellement	Partiellement	Partiellement	
(Partial) Plant Closure	Entièrement	Entièrement	Entièrement	
Building (a partial) new factory:	0	Partiellement	Entièrement	
Circularity	Partiellement	Partiellement	Entièrement	
Other 1	0	0	0	
Other 2	0	0	0	
Other 3	0	0	0	

Asset Health Optimisation

	2023	2027	2030	
ISO 18436 standard for condition monitoring and diagnosis of machinery	0	Pilote	Entièrement	
Tooling for Real Time Condition Monitoring	0	0	0	
Artificial intelligence for Asset Health Optimisation	0	Pilote	Partiellement	
Training employees for Asset Health Optimisation	Entièrement	Entièrement	Entièrement	
Asset Health Optimisation Processes	Pilote	Partiellement	Entièrement	
Other 1	0	0	0	
Other 2	0	0	0	
Asset Energy Efficiency Care	0%	5%	2%	Energy
	0%	0%	0%	GHG
Regular cleaning	Entièrement	Entièrement	Entièrement	
Lubrication	Entièrement	Entièrement	Entièrement	
Filter maintenance	Entièrement	Entièrement	Entièrement	
Operator maintenance	Entièrement	Entièrement	Entièrement	
Routine inspections	Entièrement	Entièrement	Entièrement	
Monitor equipment settings	Entièrement	Entièrement	Entièrement	
Other 1	0	0	0	
Other 2	0	0	0	
Other 3	0	0	0	
Predictive maintenance	7%	0%	2%	Energy
	0%	0%	0%	GHG
Predictive maintenance via condition monitoring:	Pilote	Partiellement	Entièrement	
Predictive maintenance through Integrative Data Analysis (IDA) and predictive mo	Pilote	Partiellement	Entièrement	
Prescriptive maintenance:	0	Pilote	Entièrement	
Other 1	0	0	0	
Other 2	0	0	0	
Other 3	0	0	0	
High Precision Maintenance	0%	2%	2%	Energy
	0%	0%	0%	GHG
Precision measurements	Pilote	Partiellement	Entièrement	
Laser accurate alignment	Entièrement	Entièrement	Entièrement	
Accurate calibration of instruments	Entièrement	Entièrement	Entièrement	
Managing tight tolerances	Entièrement	Entièrement	Entièrement	
Quality assurance	Entièrement	Entièrement	Entièrement	
Clear maintenance instructions	Partiellement	Entièrement	Entièrement	
Other 1	0	0	0	
Other 2	0	0	0	
Other 3	0	0	0	
Energy Consumption Optimisation				
	2023	2027	2030	
ISO 50001 energy management standard	0	Pilote	Entièrement	
Energy management tooling	Pilote	Partiellement	Entièrement	

Artificial intelligence for energy optimisation	0	Pilote	Entièrement	
Staff training on energy optimisation	Partiellement	Entièrement	Entièrement	
Energy optimisation process	0	Pilote	Entièrement	
Other 1	0	0	0	
Other 2	0	0	0	
Electrical Energy Optimisation	10%	5%	2%	Energy
	0%	0%	0%	GHG
HVAC optimisation	Partiellement	Entièrement	Entièrement	
Lighting Upgrades	Partiellement	Entièrement	Entièrement	
Motors and drives	Partiellement	Entièrement	Entièrement	
Load Balancing	Partiellement	Entièrement	Entièrement	
Power Factor Correction	Partiellement	Entièrement	Entièrement	
Other 1	0	0	0	
Other 2	0	0	0	
Other 3	0	0	0	
Thermal Energy Recovery & Reuse	0%	0%	5%	Energy
	0%	0%	0%	GHG
Heat recovery systems	0	Pilote	Entièrement	
Cogeneration systems	0	0	0	
District heating and cooling	0	0	0	
Integrate industrial processes	Pilote	Entièrement	Entièrement	
Thermal storage systems	0	Pilote	Partiellement	
Other 1	0	0	0	
Other 2	0	0	0	
Other 3	0	0	0	
Thermal energy loss prevention	0%	5%	0%	Energy
	0%	0%	0%	GHG
Insulation	Entièrement	Entièrement	Entièrement	
Thermal imaging and infrared thermography	0	0	0	
Temperature sensors	Pilote	Partiellement	Partiellement	
Other 1	0	0	0	
Other 2	0	0	0	
Other 3	0	0	0	

GHG Emission Optimisation

	2023	2027	2030
ISO 14001 standard for environmental systems	0	0	0
Emission management tools	0	0	0
Artificial intelligence for emissions optimisation	0	0	0
Training employees on emission optimisation	0	0	0
Process for optimising greenhouse gas emissions	0	0	0
Other 1	0	0	0

Other 2	0	0	0	
Fugitive Emission Prevention	0%	0%	0%	Energy
	0%	0%	0%	GHG
Leak detection and repair (LDAR)	0	0	0	
Sealing and repair	0	0	0	
Emission control technologies	0	0	0	
Other 1	0	0	0	
Other 2	0	0	0	
Other 3	0	0	0	
GHG Capturing & Reuse	0%	0%	0%	Energy
	0%	0%	0%	GHG
Capture technologies	0	0	0	
Transport and storage	0	0	0	
Use and conversion	0	0	0	
Biological conversion	0	0	0	
Other 1	0	0	0	
Other 2	0	0	0	
Other 3	0	0	0	
Renewable Energy Generation	0%	10%	10%	Energy
	0%	0%	0%	GHG
Solar energy systems	0	0	0	
Wind Energy Systems	0	0	0	
Biomass Energy Systems	0	0	0	
Geothermal Energy Systems	0	0	0	
Other 1	0	0	0	
Other 2	0	0	0	
Other 3	0	0	0	

Sustainable Asset Management Strategy

	2023	2027	2030
Alignment of mission, vision and values	Partiellement	Entièrement	Entièrement
Sustainability culture	Partiellement	Entièrement	Entièrement
(Legal) Compliance and Standards	Partiellement	Entièrement	Entièrement
Performance measurement and Reporting	Pilote	Entièrement	Entièrement
Other 1	0	0	0
Other 2	0	0	0