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# Advanced analytics 4 industry

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**DIAGRAMS**  
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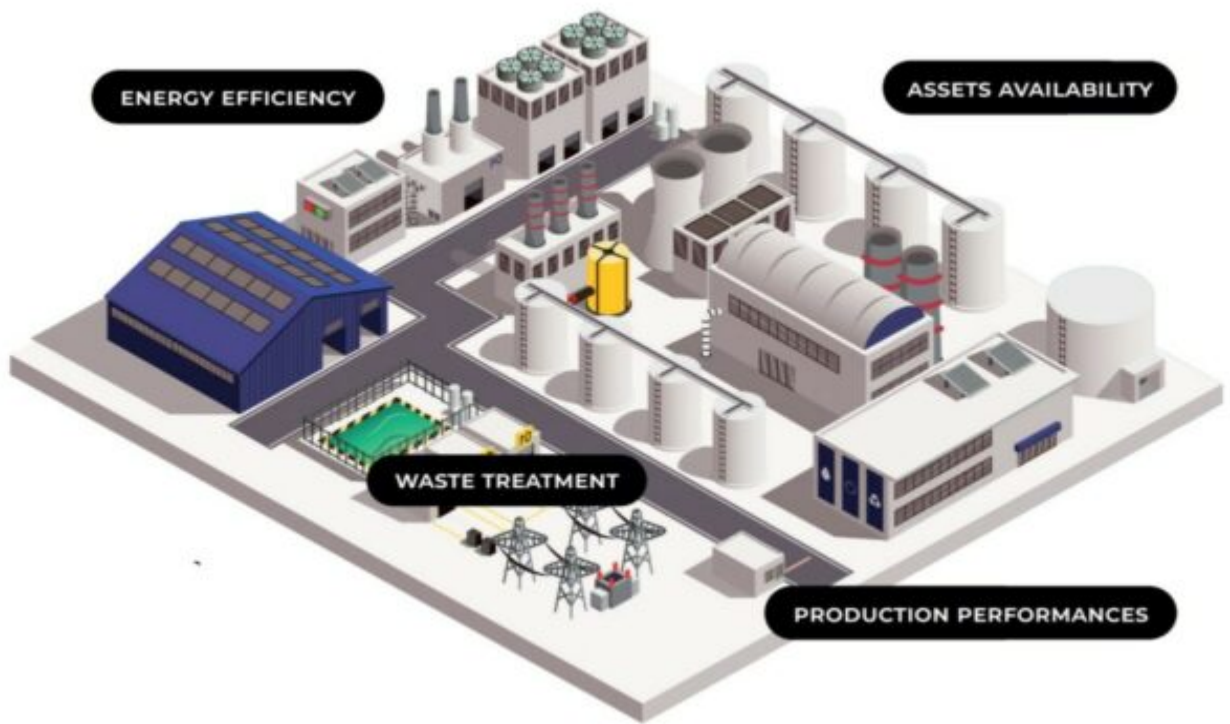
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## De Challenge

DiagRAMS exploits and enhances production and maintenance data already present in the plant without adding sensors. With our innovation, it becomes possible to analyze data that were previously under-exploited, scattered in machines, PLC, softwares...in different source and formats. What if you can start your project by leveraging your existing data with a scalable solution ?

## De Solution

Energy consumption reduction: - Reduce consumption of electricity, compressed air, water... - Optimize exploitation costs  
Process optimization: - Improve productivity and yields - Maintain product quality under control  
Root cause analysis: - Identify the causes of underperformances or the origin of the failures - Analyze complex phenomena



## De Businesscase

Increase equipments availability:

DiagRAMS offers a turnkey solution for your assets health monitoring. It helps:

- avoid emergency interventions on your saturated equipment
- reduce unscheduled downtimes and critical breakdowns
- extend the intervals of preventive maintenance

Reduce maintenance costs:

DiagRAMS offers an AI solution to help establish a maintenance strategy based on the actual state of wear and tear of the equipment. It allows to:

- prevent the systematic replacement of spare parts still in good condition because their theoretical lifetime does not coincide with their actual wear
- prevent critical break