

OCTOBER 2024

ROCA Group's Industry 4.0 Ambition & Roadmap

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Operating in **170 markets**

80 factories in 22 countries



Turnover € 2 B in 2023



Leader in Europe, Latin America, India

Strong presence in the rest of the world



Over **21,000 employees** worldwide

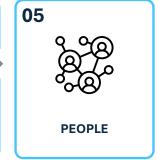
OUR STRATEGIC PILLARS









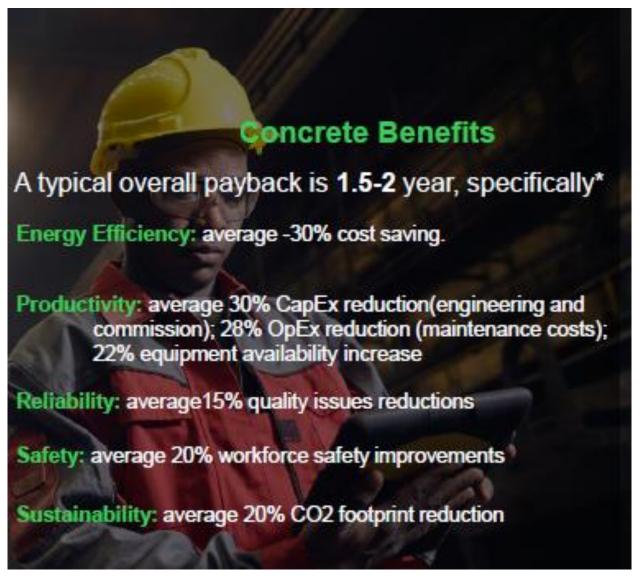




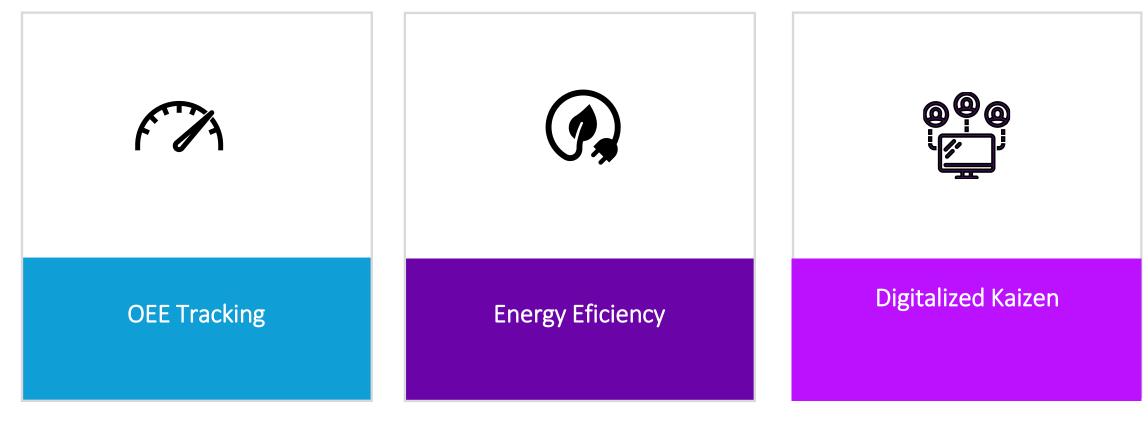
Supporting the Sustainable Development Goals (SDGs)

The path towards Industrial Excellence

With over 70 factories worldwide we need accurate, reliable and standardized measurement of our manufacturing KPI's to be able to take the right decisions in terms of investments, footprint strategy, product manufacturing allocations and to execute with excellence



We selected 3 use case out of 10 analyzed 2 Pilot sites selected



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Wave 1 - Core-model Use Casesfor Torneiras & Sanit

Benefits of the 3 Core-model Use Cases (CUC) of Industry 4.0 project in 2 pilot sites

AS IS :

The same or similar data is enterendanually, many times in different formats (paper, Dashboard, excel, SAP,...).

No Real Time information available.

Confidential Property of Octave lder Electricate 8

Manual data Supervisor Transfer by manual Team Leaders excel production data input Supervisor manual SAP production data input Operator Manual Data Input in Kaizen data Paper format nput Semi-auto data capture in Ei & Rö with Excel Manual extraction of data from Supplier Manual creation of

monthly report and annual

TO BE:

Operations data are centralized in the ES system, which stablish communication with other systems (like SAP, Lean Meeting too Ayeva PI).

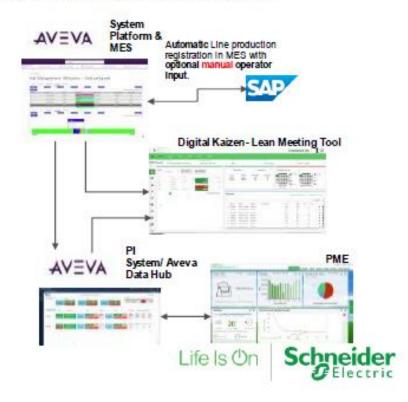
Energy data is captured, digitized and linked with production recall time.



CUC.02 Digital Kaizen

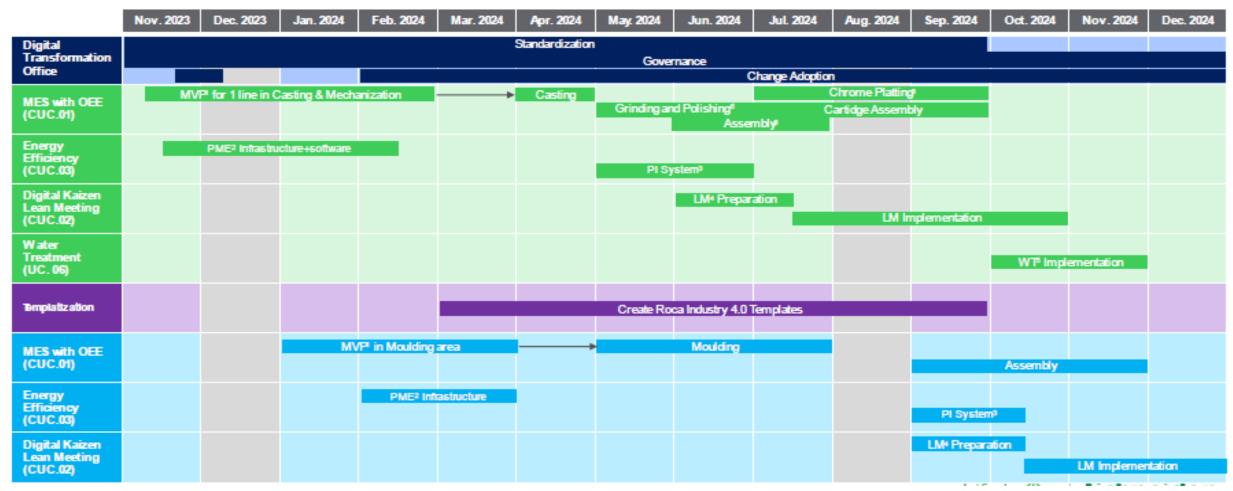
CUC.03 Energy efficiency

Internal



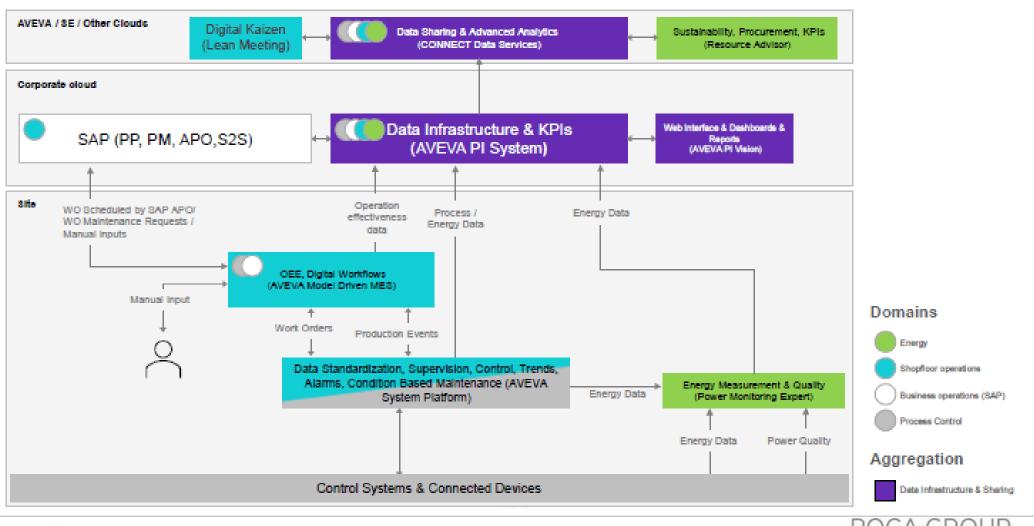
Industry 4.0 Roadmap (Coremodel Use Cases)- Wave 1

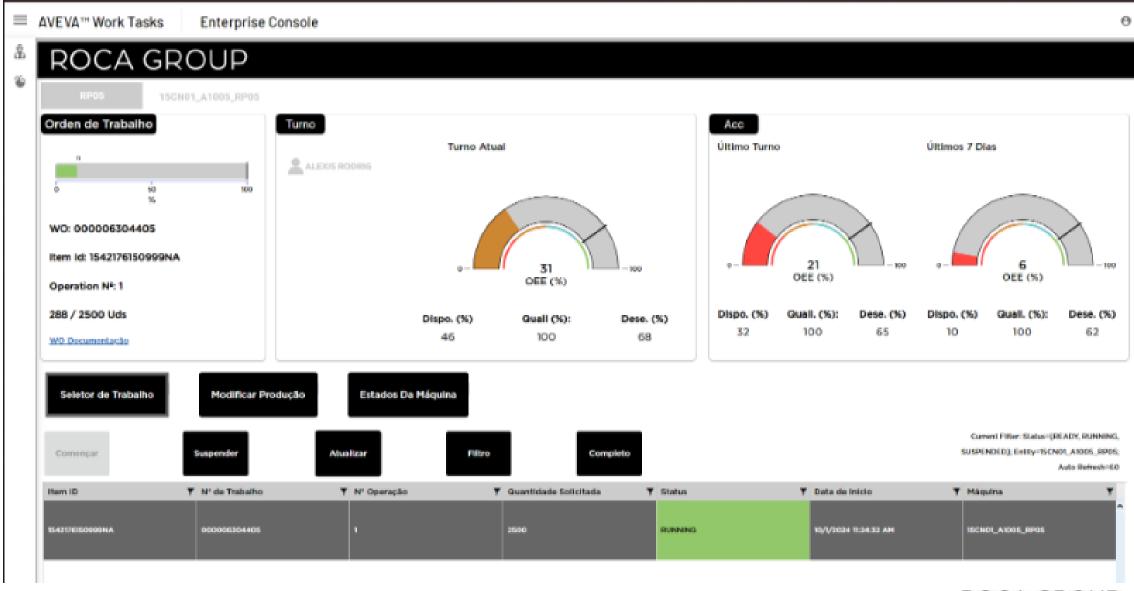
Roadmap for the 2 sites Sanit and Torneiras

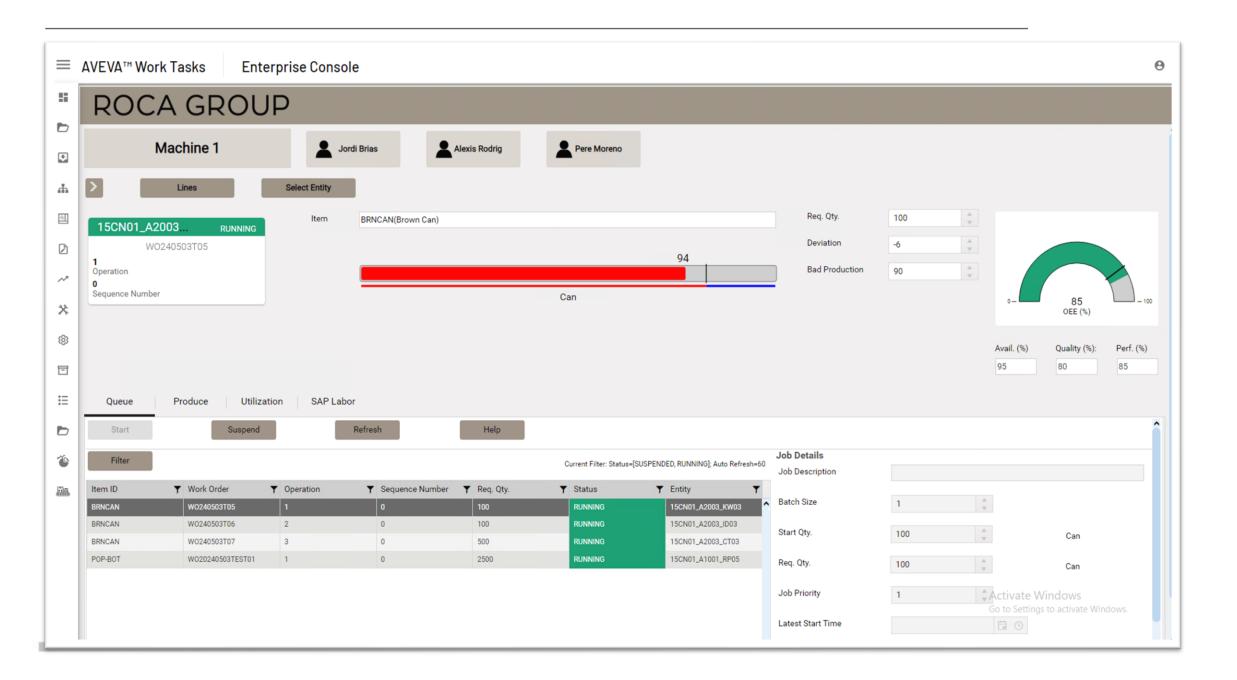


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Functional Architecture – Advanced proposal





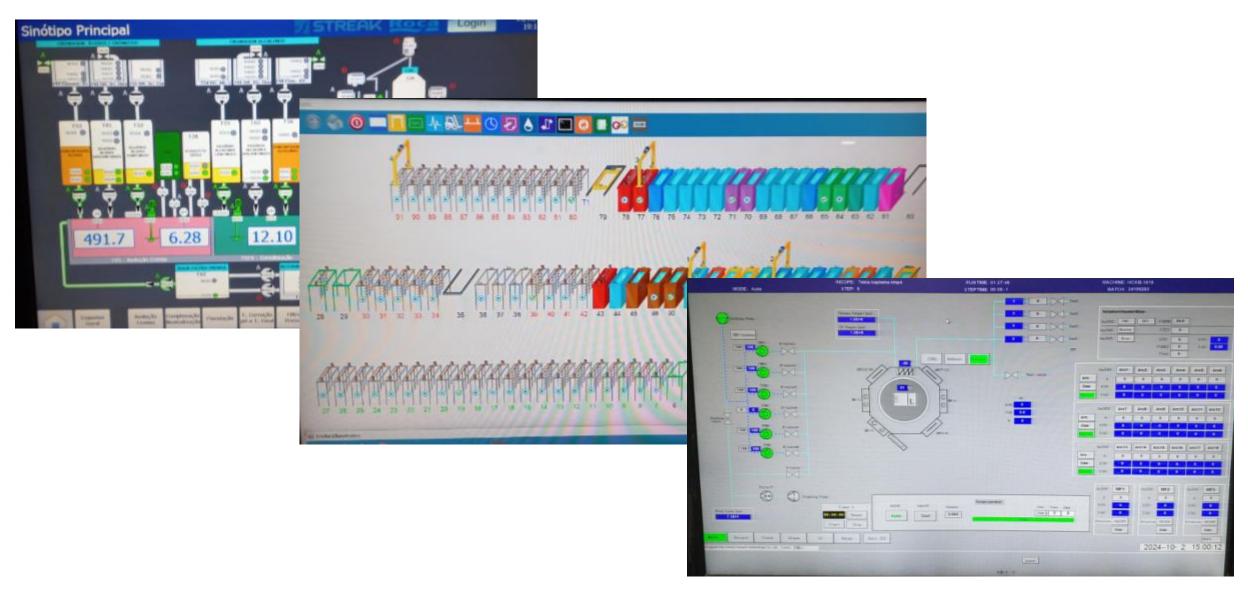


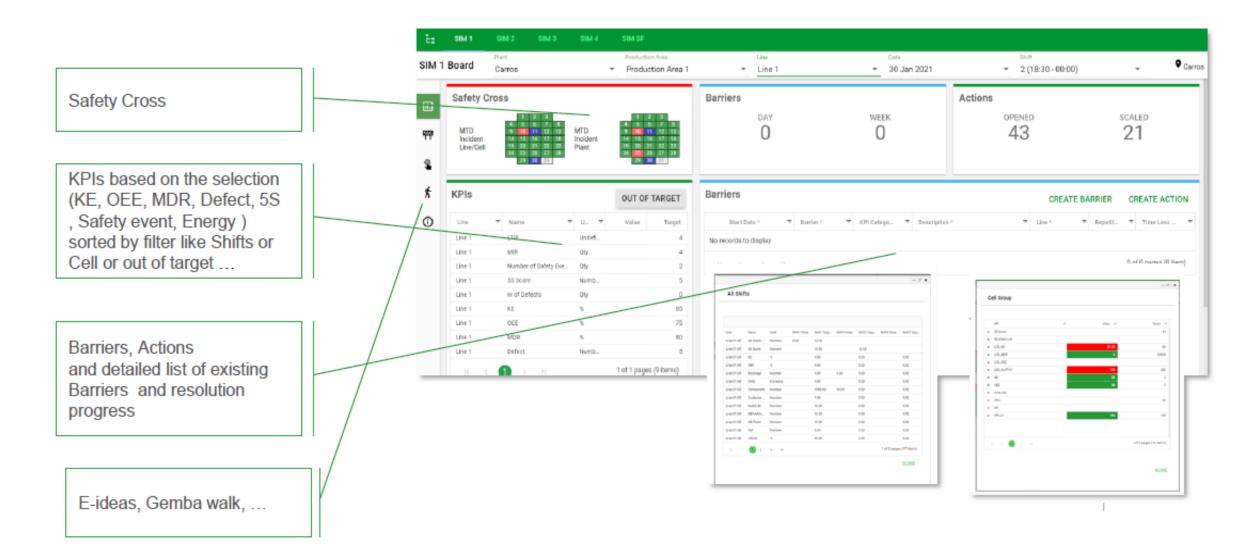


Roca Group Industry Digital Transformation – Power Monitoring Expert



Link All exisiting SCADAS in only 1 System Platform

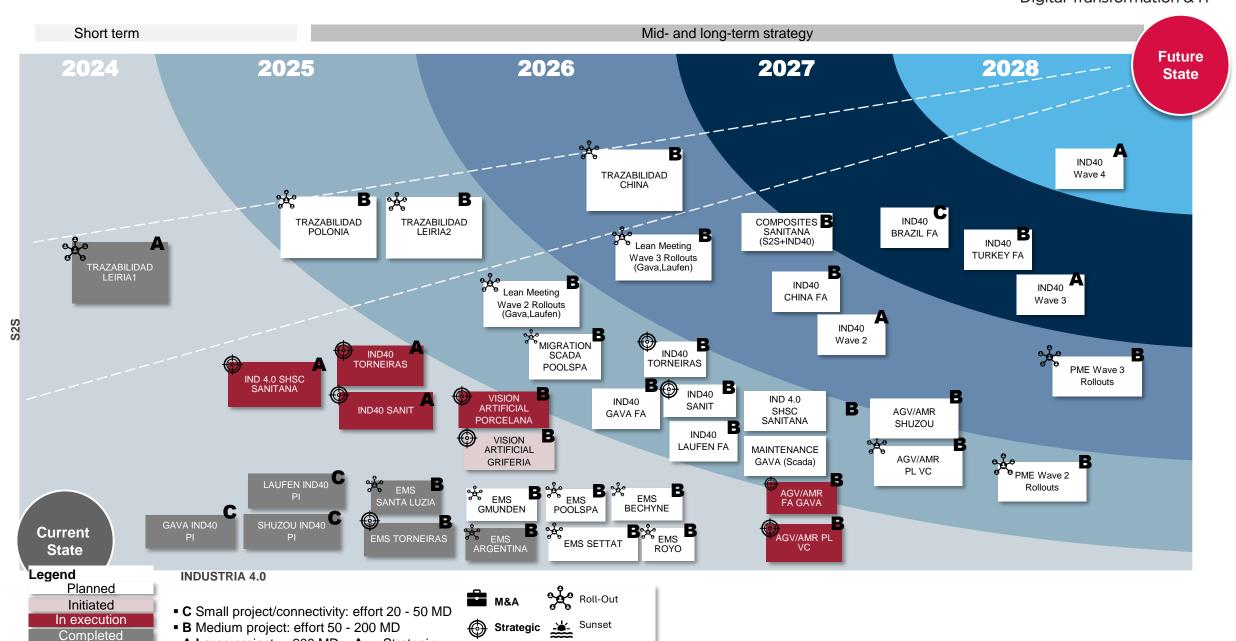




PRODUCTION & IND40 Strategic Roadmap- 5 year view

■ A Large project: > 200 MD A+ - Strategic







ROCA Group is on the path to operational excellence with Industry 4.0

Challenge

- Increase operational efficiency
- Adoption of new solution
- Speed of implementation and scalability

Solution

- Focus on few use cases at first
- Strong team, project management, and partner
- Define standards and templates with pilot and verify the business case
- Involve stakeholders and explain the project

Results

- Promising Pilot implementation
- Team is learning and growing
- Demand for the solution is growing
- Acceleration in Waves in planning



Questions?

Please wait for the microphone. State your name and company.



Please remember to...

Navigate to this session in the mobile app to complete the survey.



Thank you!

