



WE NOW LIVE IN THE TIME OF DATA-DRIVEN ACTIONS

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QLECTOR

HELPING MANUFACTURING COMPANIES TO WALK THE LINE BETWEEN INVENTORY AND DELAYS.

10+ YEARS EXPERIENCE OF IMPLEMENTATION OF AI TO REAL LIFE



 Institut
"Jožef Stefan"
Ljubljana, Slovenija

Bloomberg 

The New York Times

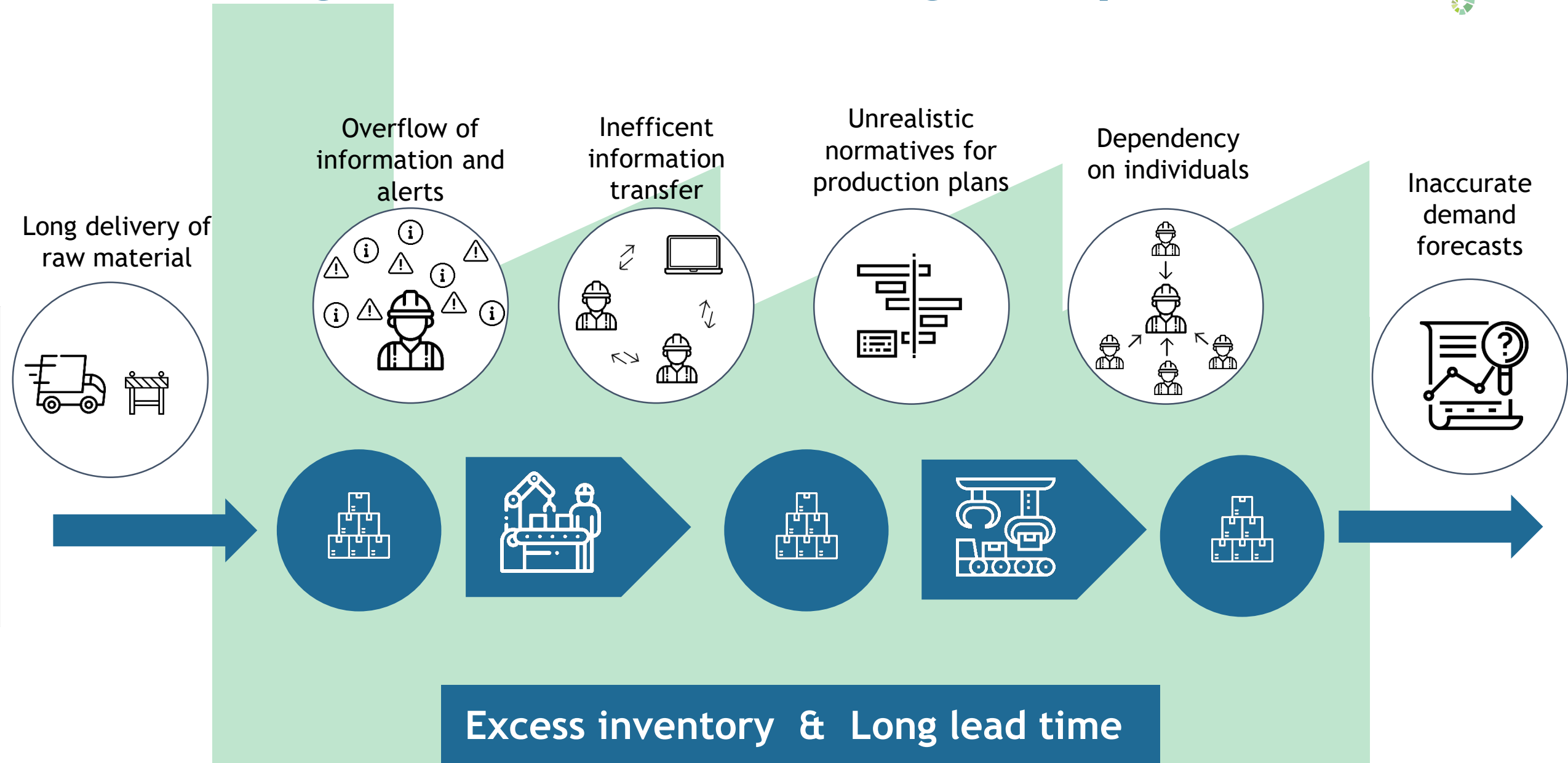
KOLEKTOR



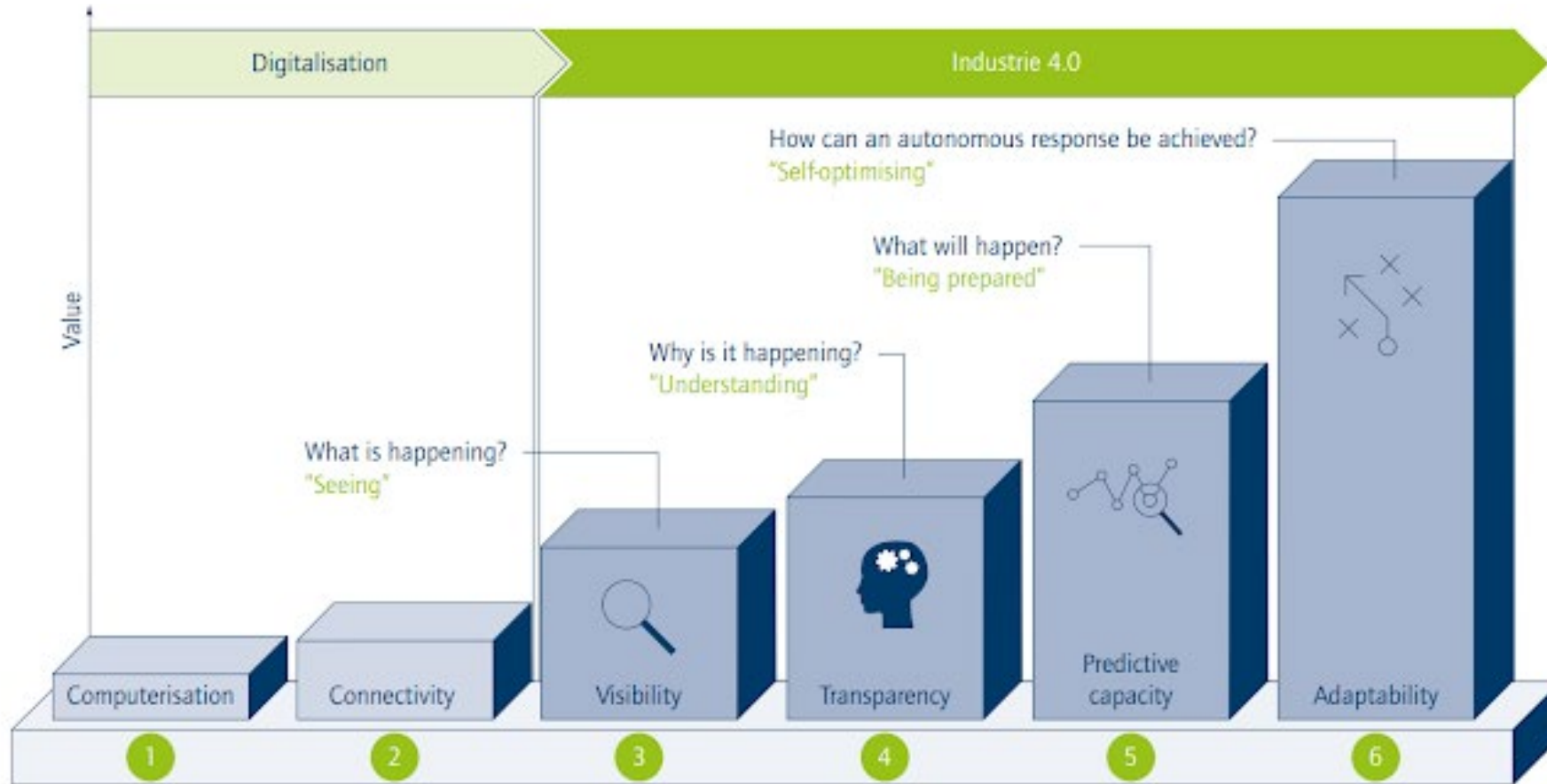
Challenges in manufacturing



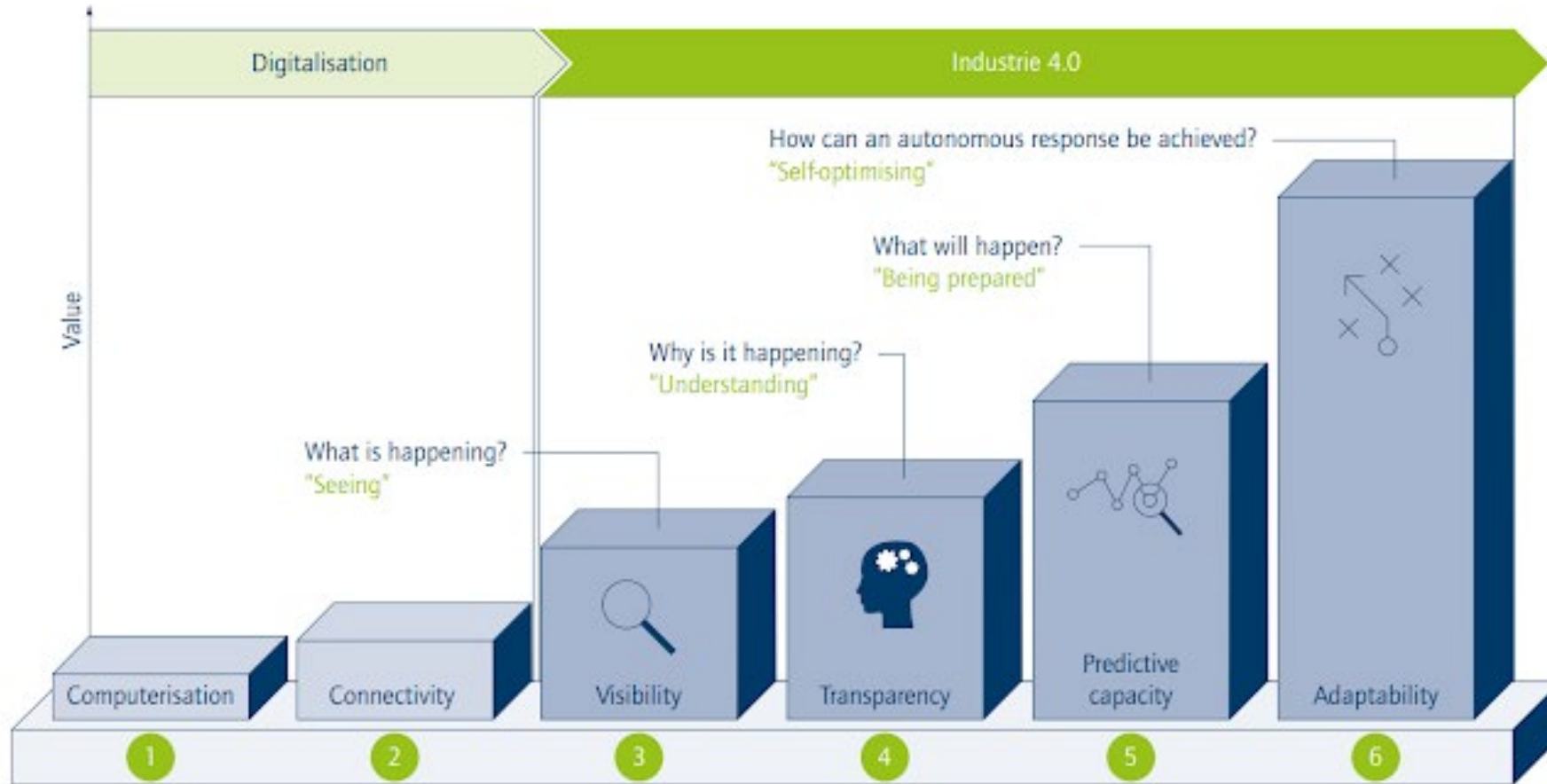
Challenges in manufacturing companies



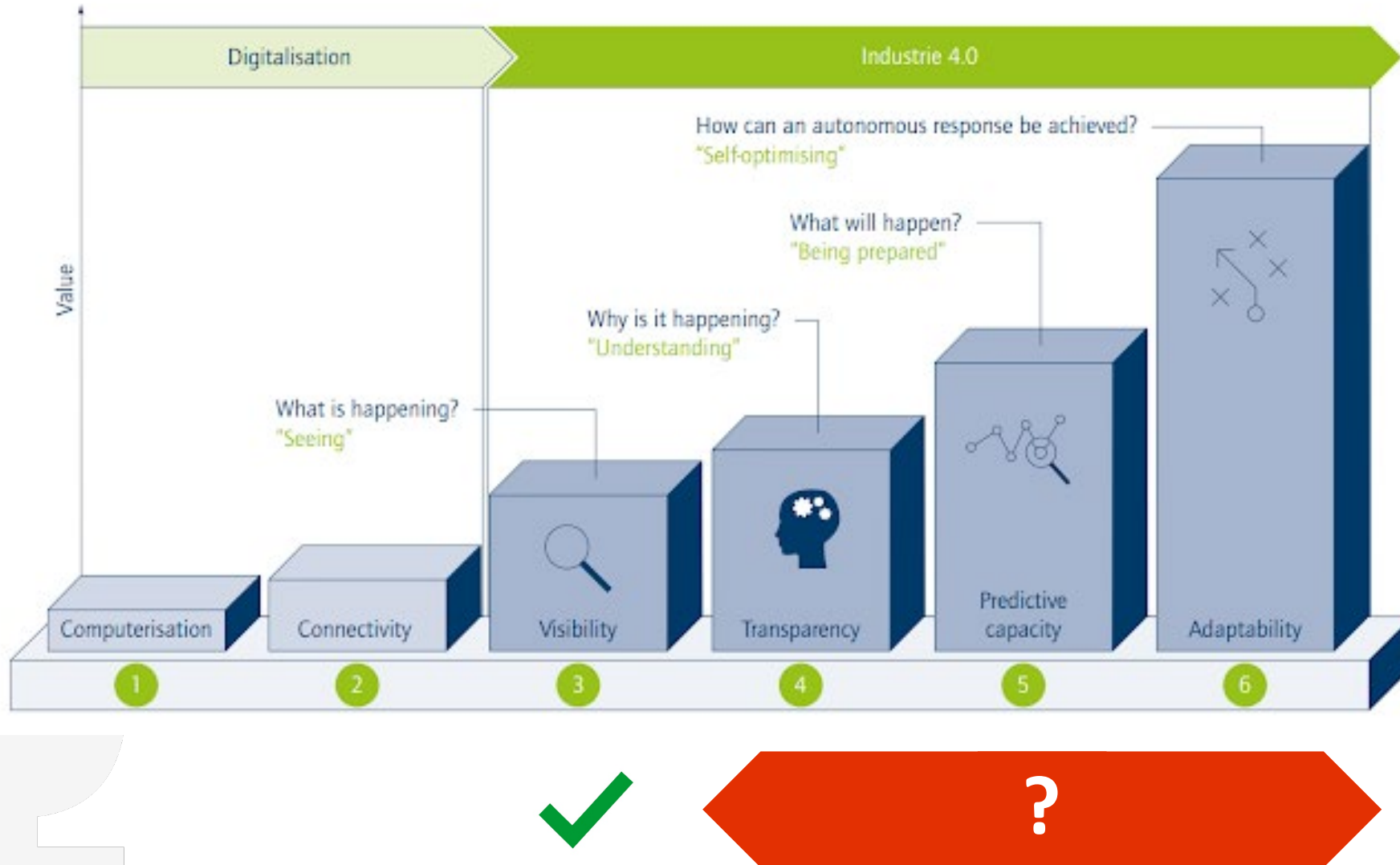
Industrie 4.0



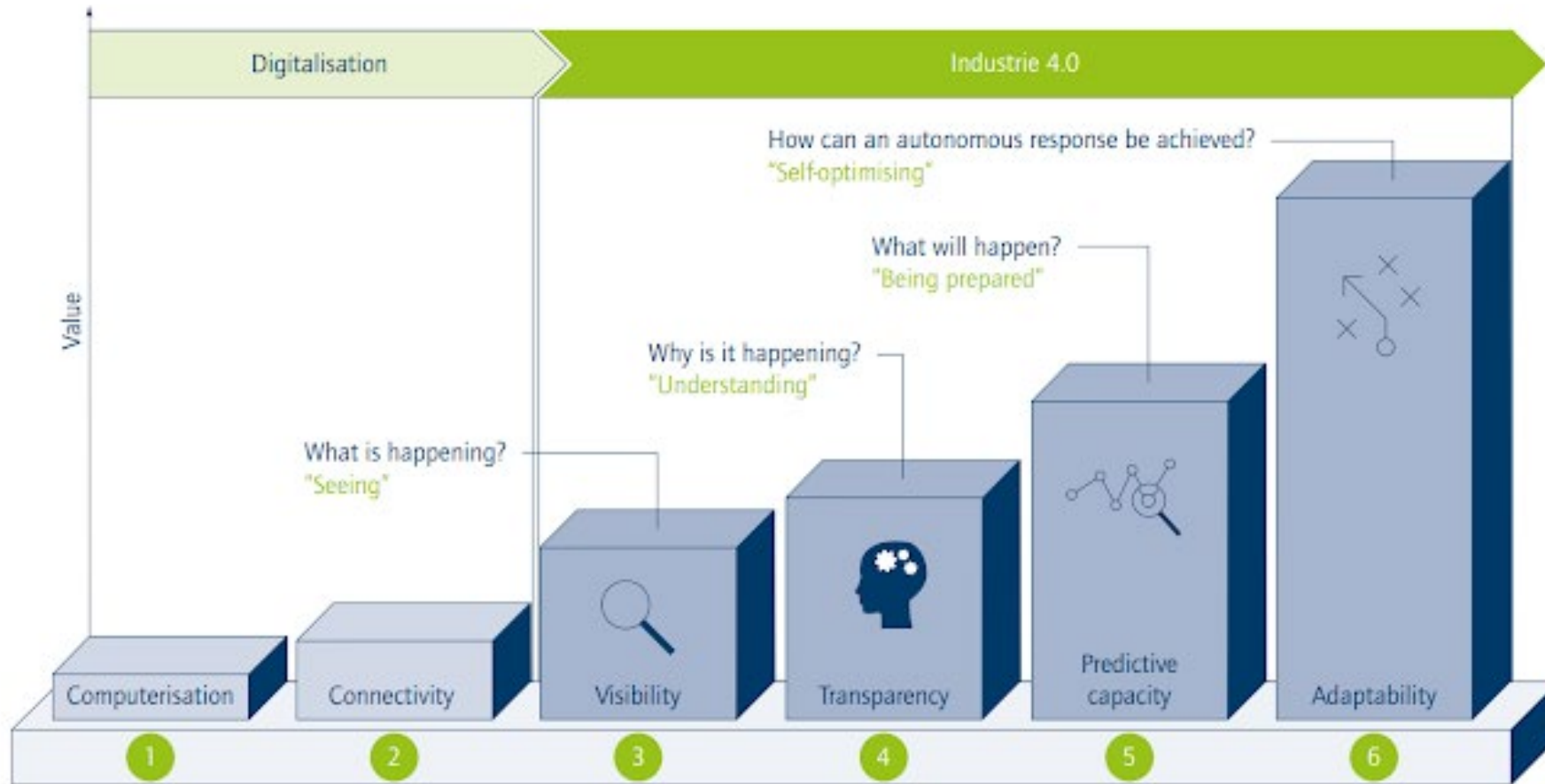
Industrie 4.0



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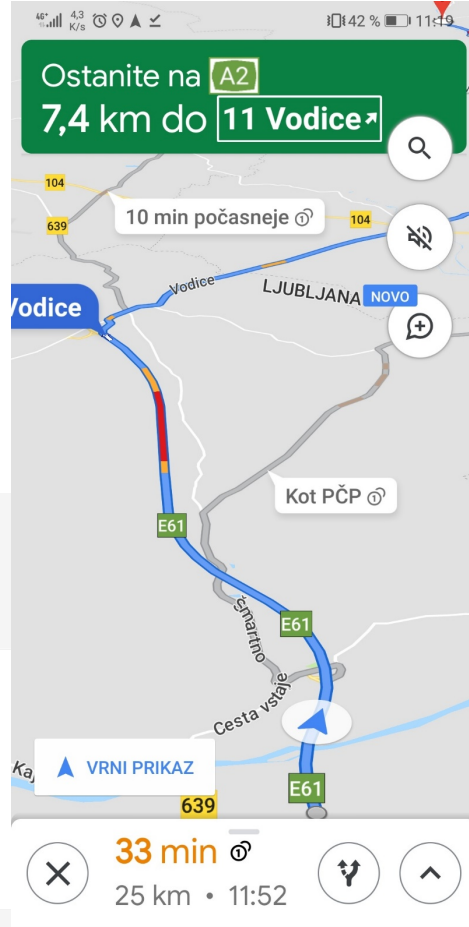


DIGITAL TWIN (AI)

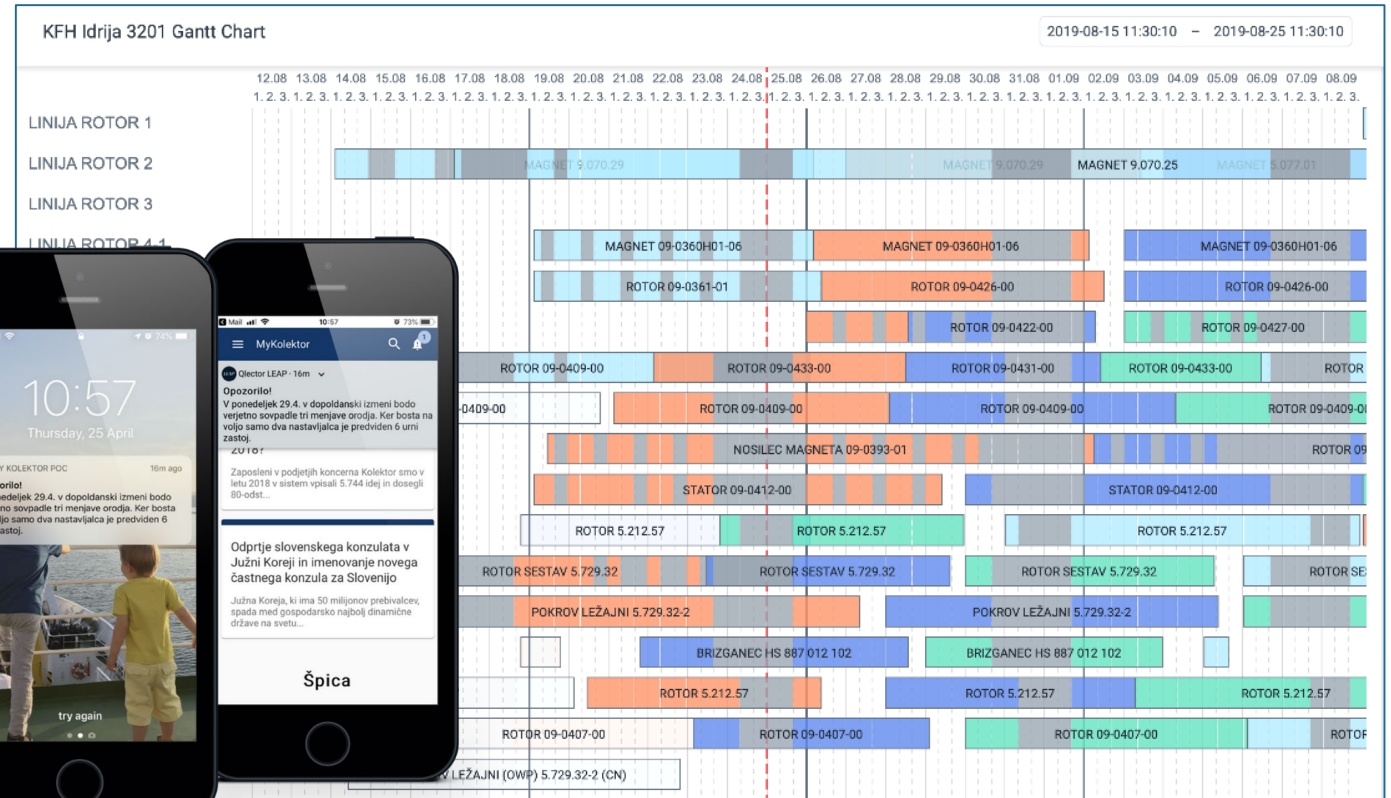
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Forecasting time of arrival and suggestions of alternative routes



Forecasting realization and suggesting actions in case of unplanned events

How it works?

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Manufacturing process

Real time

Real-time data stream
(ERP, MES, PLC, IoT...)

Action



insights / alerts / info

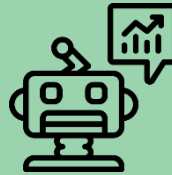


Historical data

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Learning
(digital twin)

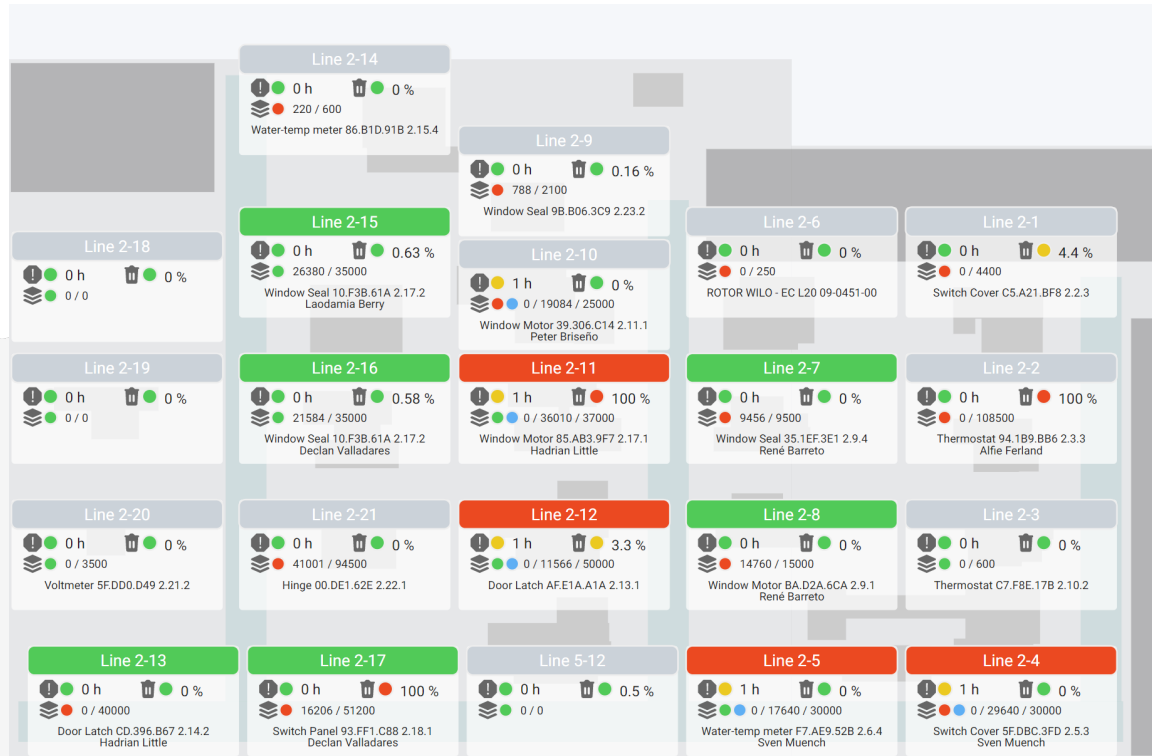


Forecast



Dashboard

STATUS OF FACTORY



Shop floor overlay

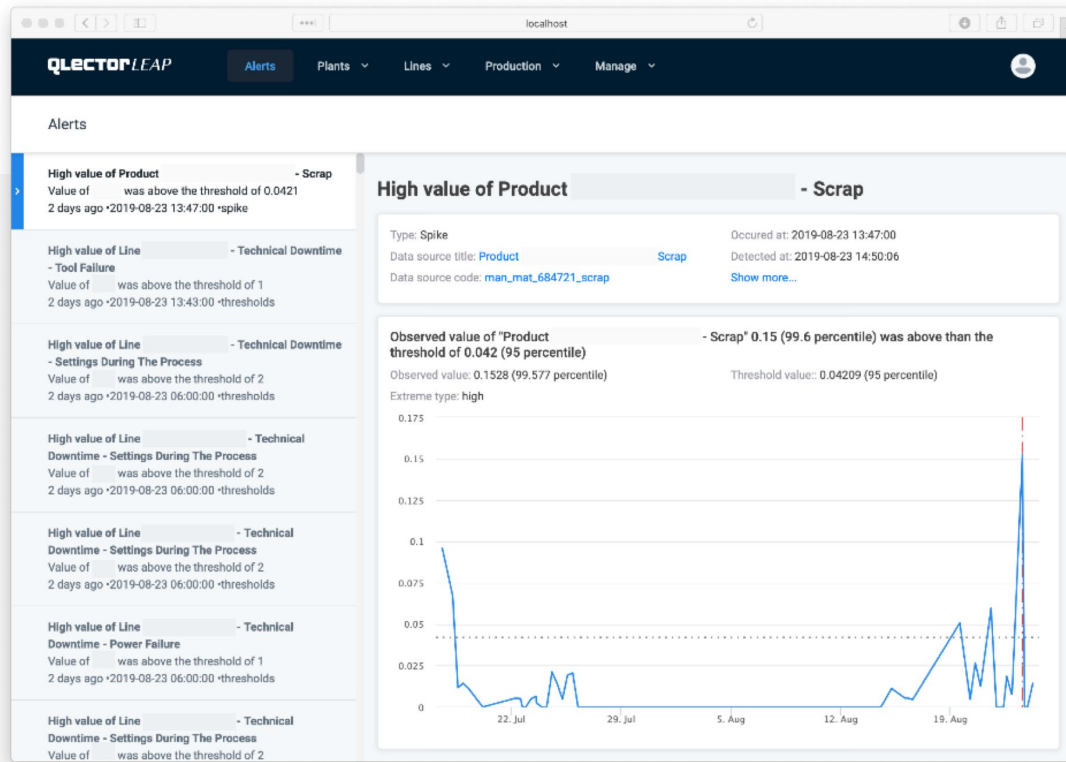


Real-time screens showing KPIs and alerts

What is happening?

INTELLIGENT ALERTS

- **Prioritized** - based on the impact on your KPIs (e.g. OEE, due date...)
- **Targeted** - notify your employees with direct impact on the root-cause
- **Predictive** - notify to pre-act on probable downtime



Anomaly detection and root-cause



Notifications via app.

What is happening?

Why is it happening?

Benefits?

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Overall benefits



1 day/week

time saved for
team controllers
and planners

3 day

prediction of
organizational
downtimes

10%

shorter production
time on assembly
lines

25%

less organizational
downtimes